

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\  
 Data File : VX0137885.D  
 Acq On : 10 Dec 2019 09:12  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Manual Integrations  
 APPROVED

apatel  
 12/10/2019 1:23:01 PM

Quant Time: Dec 10 10:17:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 26 15:53:00 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 574242   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 887207   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 808170   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 403025   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.04   | 65  | 314527   | 47.19 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.38% |      |
| 35) Dibromofluoromethane  | 5.48   | 113 | 266058   | 48.51 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.02% |      |
| 50) Toluene-d8            | 8.71   | 98  | 995655   | 46.59 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.18% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 371716   | 48.24 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.48% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 290545  | 45.457  | ug/l | 97     |
| 3) Chloromethane              | 1.32 | 50  | 338117  | 47.145  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 398635  | 49.384  | ug/l | 99     |
| 5) Bromomethane               | 1.63 | 94  | 242318  | 44.700  | ug/l | 95     |
| 6) Chloroethane               | 1.71 | 64  | 219631  | 47.814  | ug/l | 96     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 422742  | 47.164  | ug/l | 99     |
| 8) Diethyl Ether              | 2.18 | 74  | 195883  | 48.305  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 269341  | 49.195  | ug/l | 99     |
| 10) Methyl Iodide             | 2.50 | 142 | 326336  | 49.275  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.03 | 59  | 328866  | 199.882 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 273859  | 50.113  | ug/l | 96     |
| 13) Acrolein                  | 2.28 | 56  | 249842  | 227.612 | ug/l | 99     |
| 14) Allyl chloride            | 2.72 | 41  | 453145  | 45.692  | ug/l | 99     |
| 15) Acrylonitrile             | 3.12 | 53  | 810201  | 238.562 | ug/l | 100    |
| 16) Acetone                   | 2.43 | 43  | 715875  | 217.531 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.56 | 76  | 658355  | 42.260  | ug/l | 99     |
| 18) Methyl Acetate            | 2.76 | 43  | 471723  | 51.476  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 896565  | 49.523  | ug/l | 99     |
| 20) Methylene Chloride        | 2.84 | 84  | 304088  | 48.097  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96  | 283259  | 47.579  | ug/l | 100    |
| 22) Diisopropyl ether         | 3.84 | 45  | 958629  | 50.200  | ug/l | 97     |
| 23) Vinyl Acetate             | 3.79 | 43  | 3660401 | 230.415 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 518535  | 49.671  | ug/l | 98     |
| 25) 2-Butanone                | 4.65 | 43  | 1111652 | 227.289 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 259632  | 30.060  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 325978  | 47.679  | ug/l | 95     |
| 28) Bromochloromethane        | 5.00 | 49  | 222734  | 53.992  | ug/l | 97     |
| 29) Tetrahydrofuran           | 5.11 | 42  | 722555  | 239.645 | ug/l | 99     |
| 30) Chloroform                | 5.19 | 83  | 507974  | 47.980  | ug/l | 98     |
| 31) Cyclohexane               | 5.56 | 56  | 448699  | 45.570  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 426564  | 48.214  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 5.78 | 75  | 378692  | 47.021  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.81 | 43  | 433952  | 48.031  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 367662  | 49.509  | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120919\  
 Data File : VX0137885.D  
 Acq On : 10 Dec 2019 09:12  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Manual Integrations  
 APPROVED

apatel  
 12/10/2019 1:23:01 PM

Quant Time: Dec 10 10:17:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 26 15:53:00 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 440444   | 44.243  | ug/l   | 98       |
| 40) Benzene                    | 6.13  | 78   | 1161986  | 47.373  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.02  | 41   | 249730   | 50.400  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 408116   | 48.787  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.43  | 43   | 711927   | 47.863  | ug/l   | 100      |
| 44) Trichloroethene            | 7.20  | 130  | 321718   | 47.791  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 307592   | 50.121  | ug/l   | 97       |
| 46) Dibromomethane             | 7.65  | 93   | 202000   | 48.463  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.89  | 83   | 396547   | 50.326  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.76  | 41   | 358592   | 49.618  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 131205   | 811.058 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.63  | 43   | 2243309  | 239.764 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 739307   | 48.517  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 412406   | 45.982  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 458874   | 46.830  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 307324   | 50.047  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 484650   | 49.090  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 514027   | 48.564  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 939765   | 242.781 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 1700509  | 233.035 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 324015   | 50.844  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 318875   | 48.620  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.33  | 164  | 359860   | 59.710  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.13 | 112  | 798185   | 47.570  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 301329   | 50.011  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 1408971  | 48.866  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.35 | 106  | 1070292  | 96.956  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 520696   | 48.364  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 904594   | 49.948  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 249507   | 50.047  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.01 | 105  | 1384557  | 48.975  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.89 | 43   | 642311   | 49.598  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 473118   | 48.257  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 437075m  | 48.217  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 362806   | 47.504  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.35 | 91   | 1569121  | 49.721  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 926361   | 48.933  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 1155038  | 49.850  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 132537   | 40.001  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 1072025  | 48.892  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 1093351  | 46.431  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 1150781  | 48.937  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 1341959  | 49.893  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 1222007  | 48.837  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 638054   | 47.926  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 641845   | 47.332  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 1070908  | 50.180  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 228737   | 50.574  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 640980   | 48.729  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 100367   | 47.010  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\  
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Acq On : 10 Dec 2019 09:12  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Manual Integrations  
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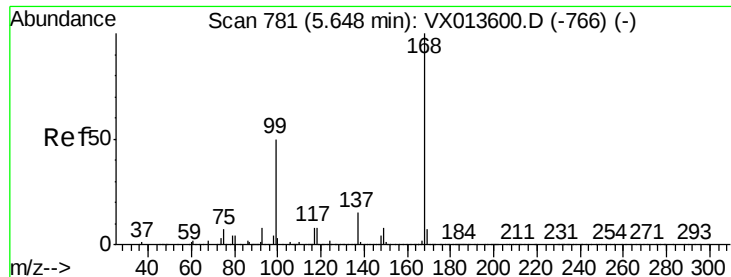
apatel  
12/10/2019 1:23:01 PM

Quant Time: Dec 10 10:17:03 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 26 15:53:00 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 440430   | 48.043 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 206791   | 46.957 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 1352409  | 49.537 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 437931   | 48.247 | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

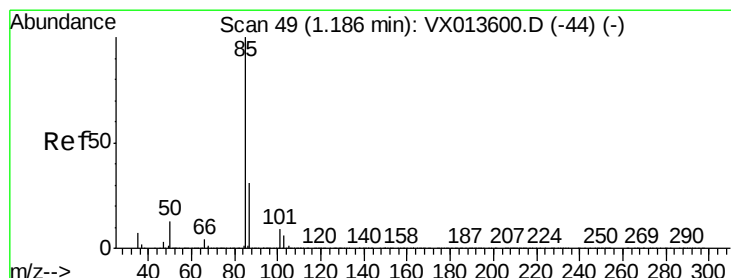
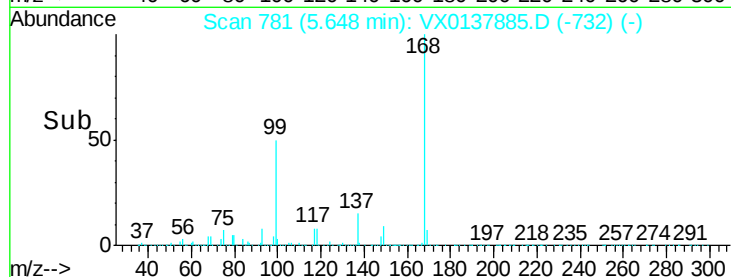
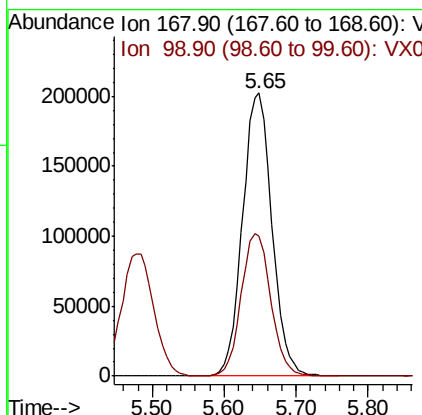
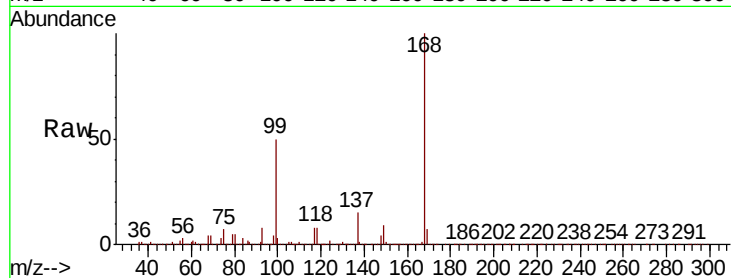
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.65 min Scan# 781  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 49.5  | 39.8  | 59.8  |

Manual Integrations  
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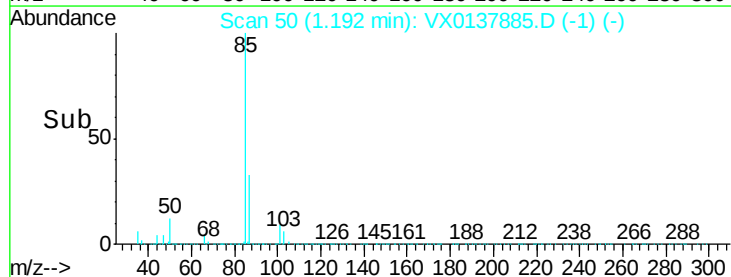
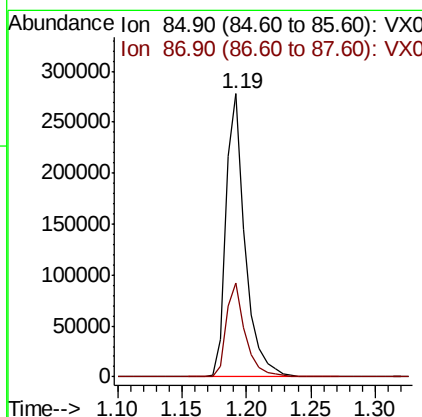
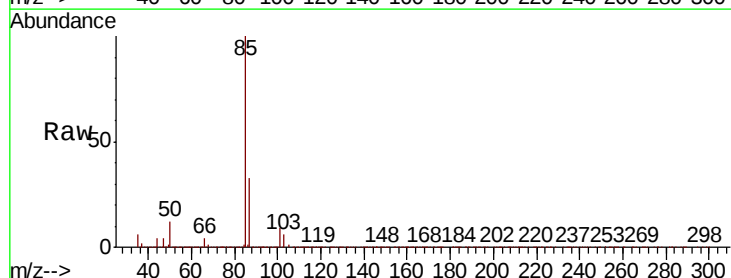
apatel  
12/10/2019 1:23:01 PM

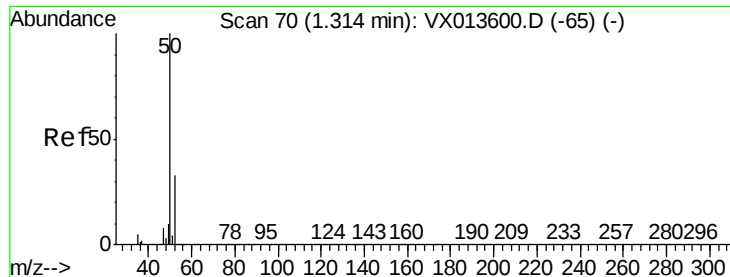


#2

Dichlorodifluoromethane  
Concen: 45.457 ug/l  
RT: 1.19 min Scan# 50  
Delta R.T. 0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 33.1  | 15.7  | 47.1  |





#3

Chloromethane

Concen: 47.145 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 50 Resp: 338117

Ion Ratio Lower Upper

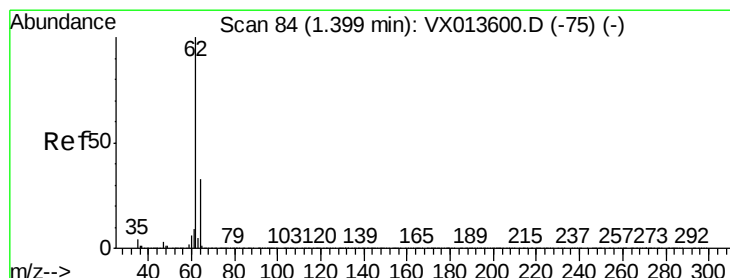
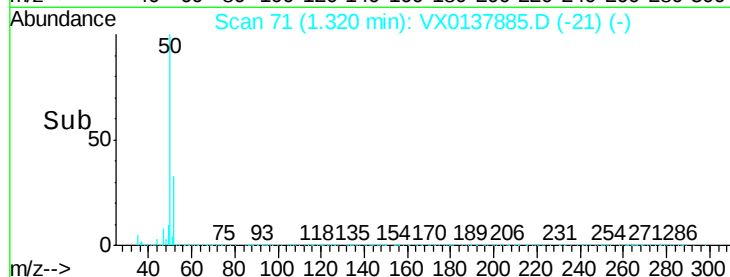
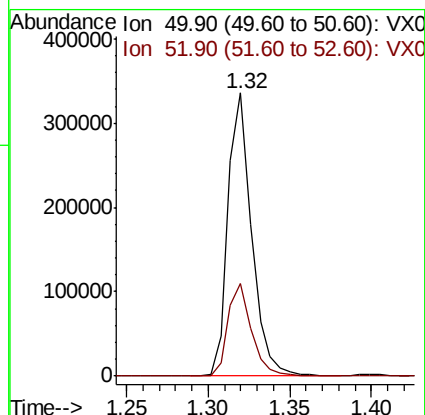
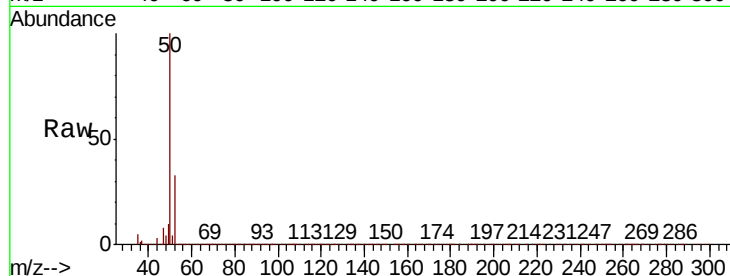
50 100

52 32.8 26.0 39.0

Manual Integrations  
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12/10/2019 1:23:01 PM



#4

Vinyl Chloride

Concen: 49.384 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX0137885.D

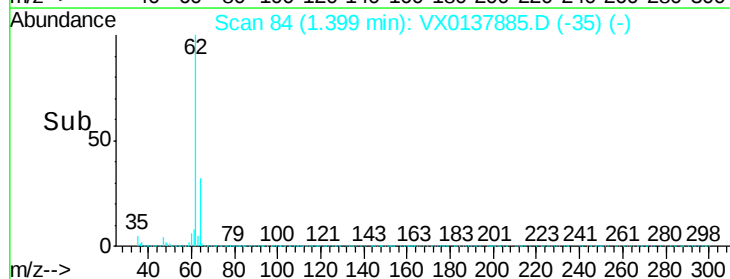
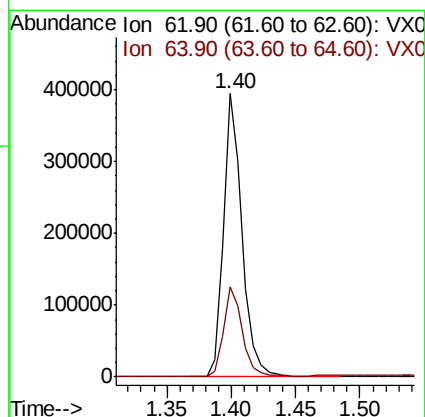
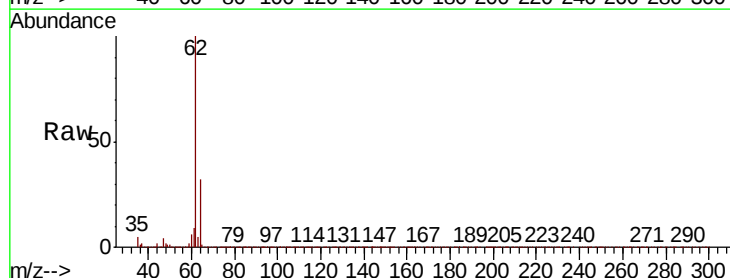
Acq: 10 Dec 2019 09:12

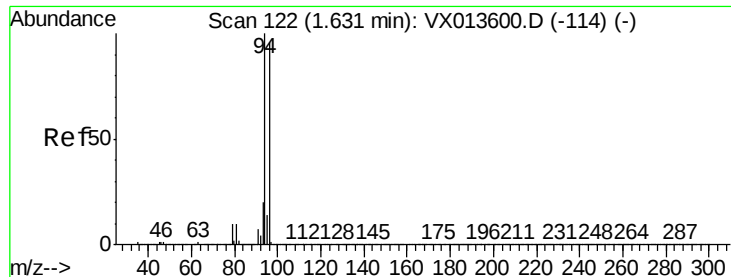
Tgt Ion: 62 Resp: 398635

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





#5

Bromomethane

Concen: 44.700 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 94 Resp: 242318

Ion Ratio Lower Upper

94 100

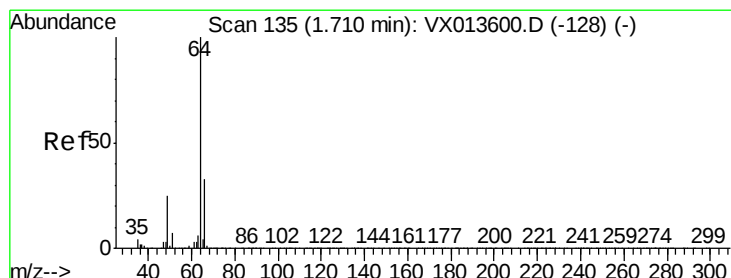
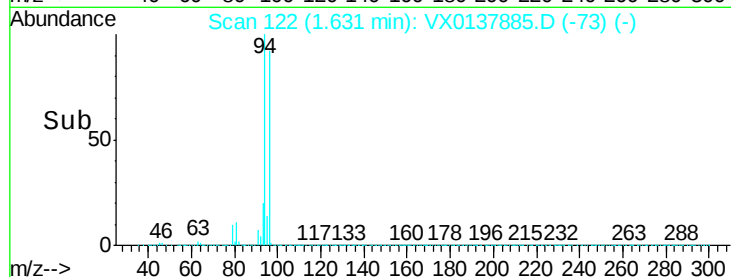
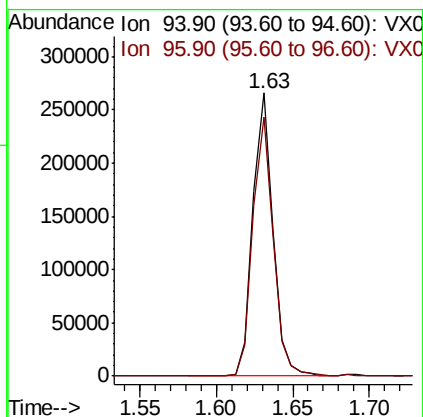
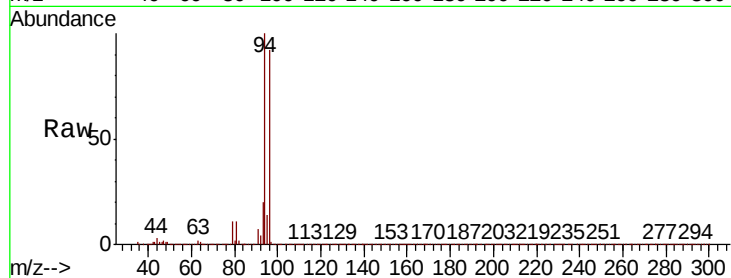
96 91.6 77.0 115.4

Manual Integrations

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12/10/2019 1:23:01 PM



#6

Chloroethane

Concen: 47.814 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX0137885.D

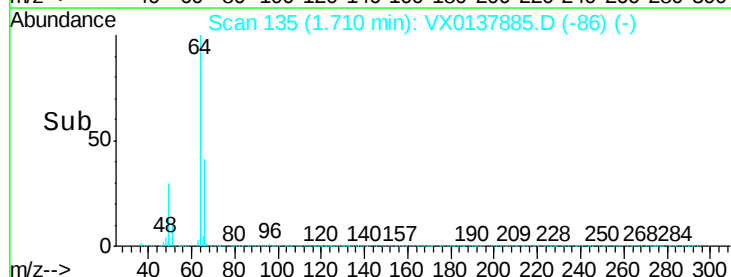
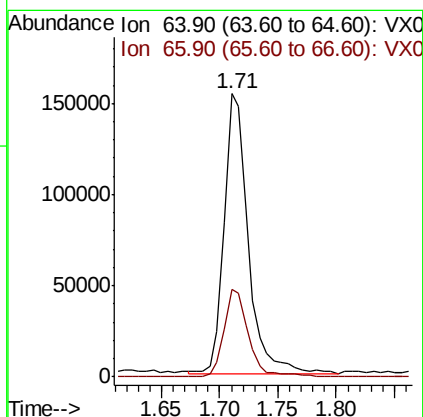
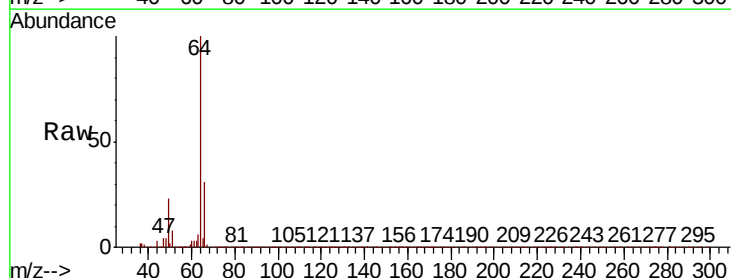
Acq: 10 Dec 2019 09:12

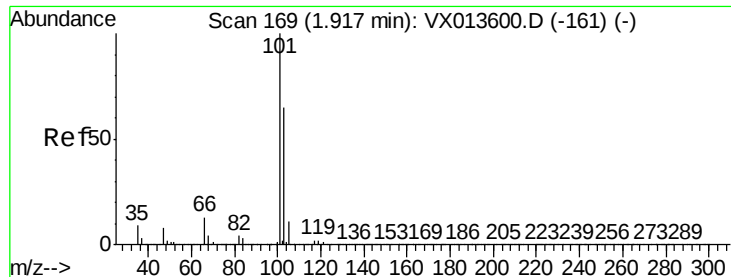
Tgt Ion: 64 Resp: 219631

Ion Ratio Lower Upper

64 100

66 30.9 26.7 40.1





#7

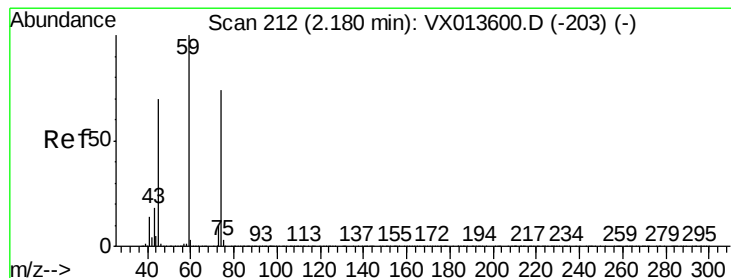
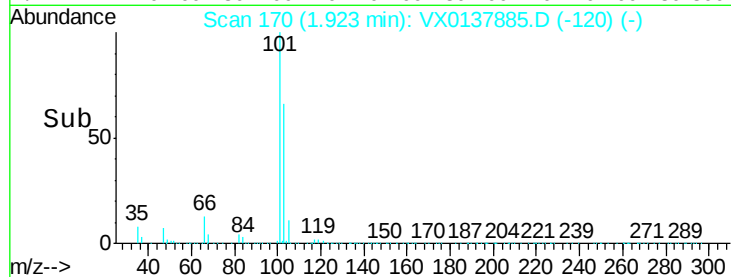
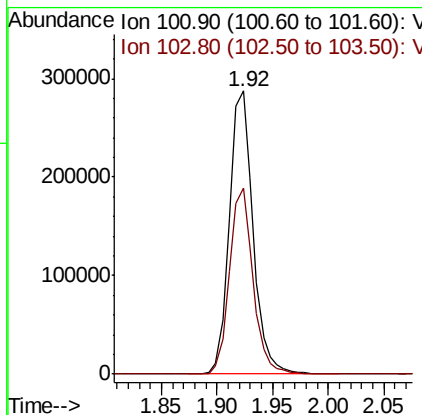
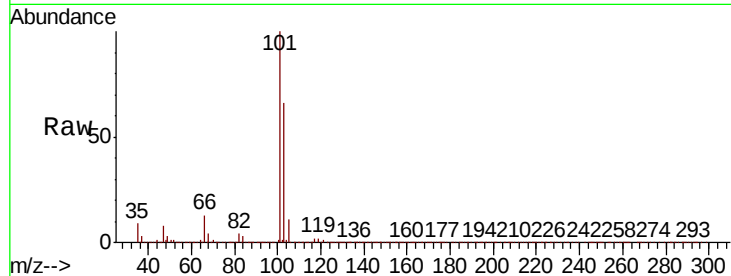
Trichlorofluoromethane  
Concen: 47.164 ug/l  
RT: 1.92 min Scan# 170  
Delta R.T. 0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.6  | 51.8  | 77.6  |

Manual Integrations  
APPROVED

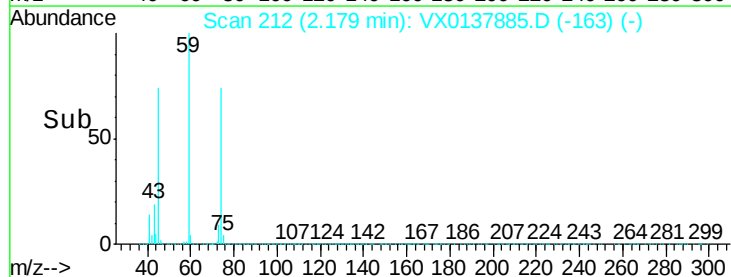
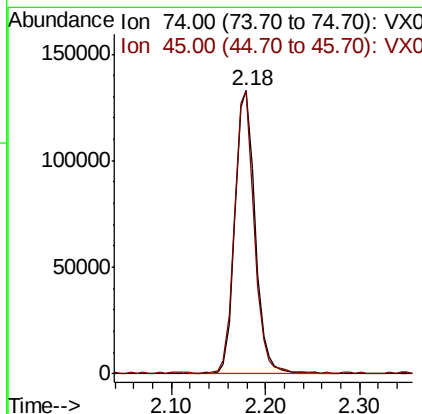
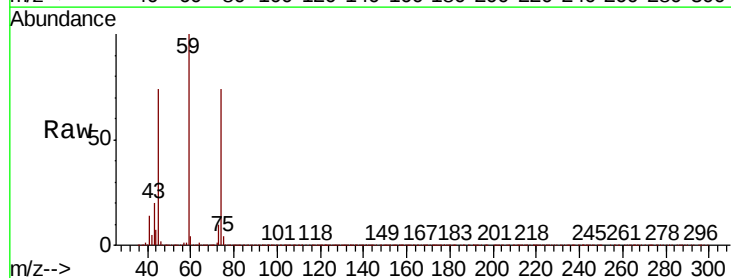
apatel  
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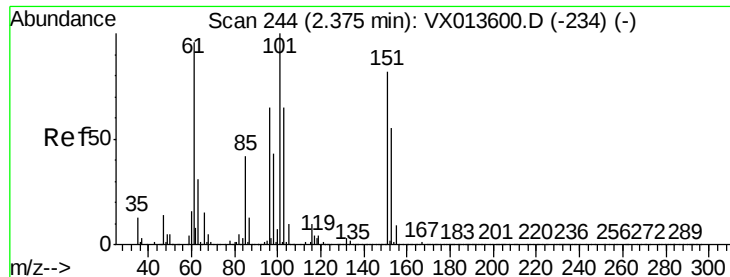


#8

Diethyl Ether  
Concen: 48.305 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 97.4  | 48.9  | 146.8 |





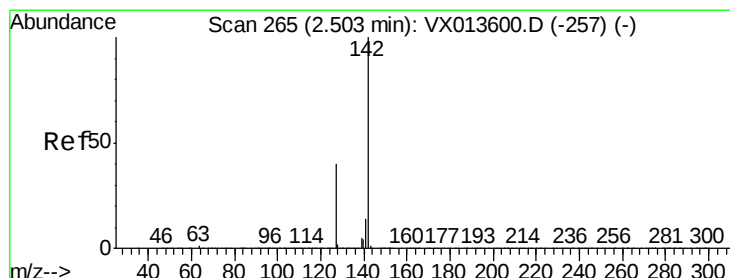
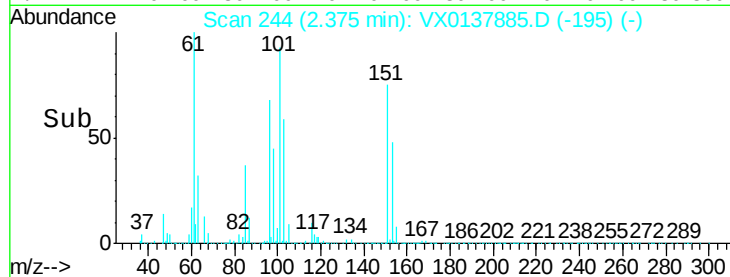
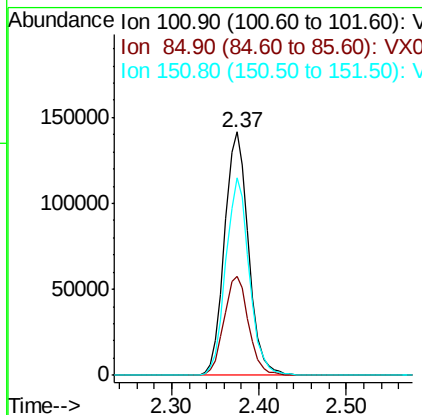
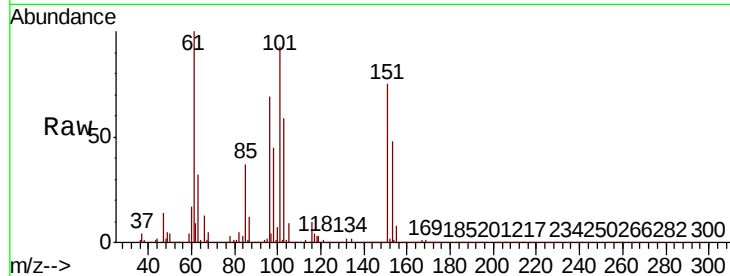
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.195 ug/l  
RT: 2.37 min Scan# 244  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 101     | 100   |            |       |
| 85      | 41.0  | 33.9       | 50.9  |
| 151     | 79.3  | 64.2       | 96.2  |

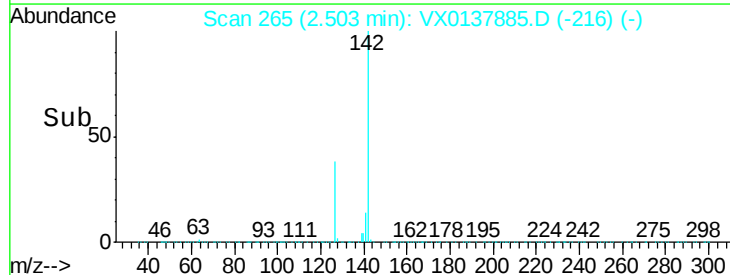
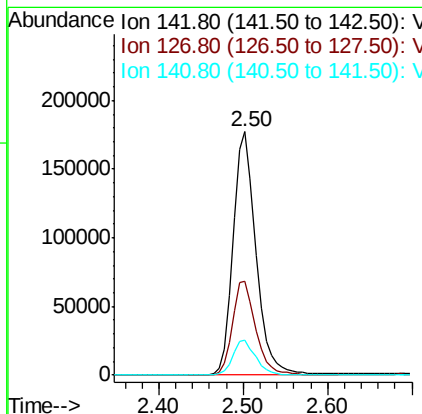
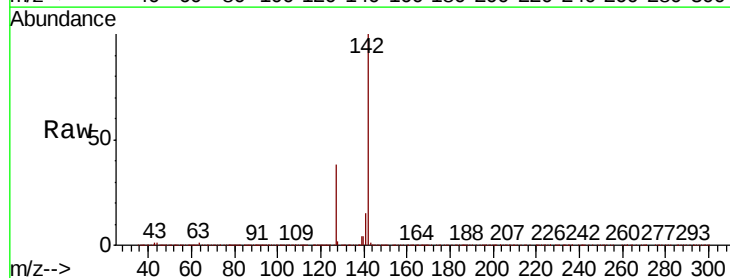
Manual Integrations  
APPROVED

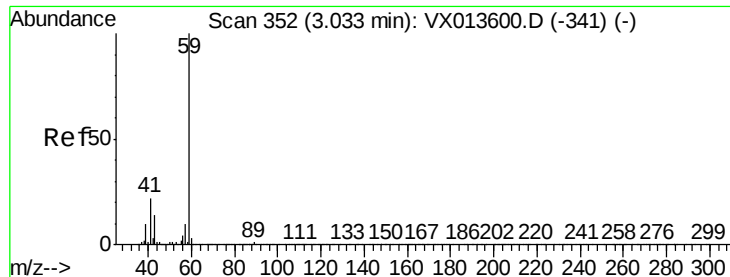
apatel  
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#10  
Methyl Iodide  
Concen: 49.275 ug/l  
RT: 2.50 min Scan# 265  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 142     | 100   |            |       |
| 127     | 39.1  | 31.0       | 46.4  |
| 141     | 14.6  | 11.6       | 17.4  |





#11

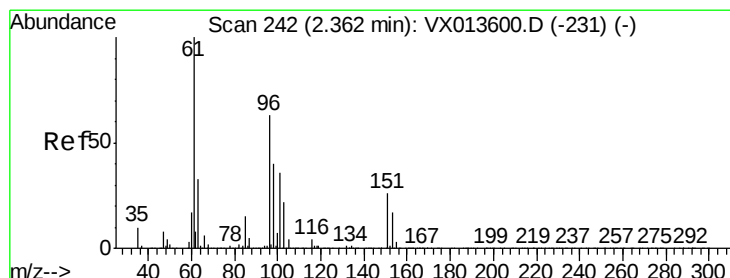
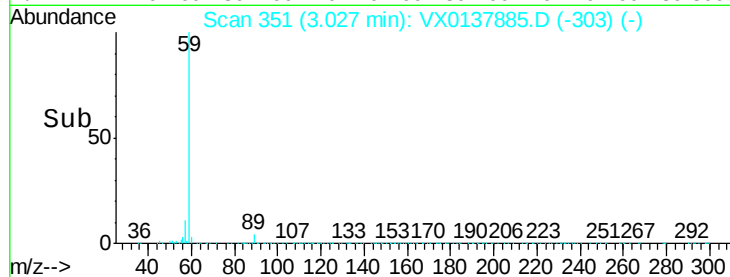
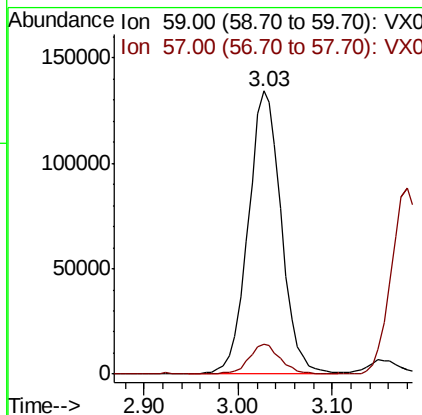
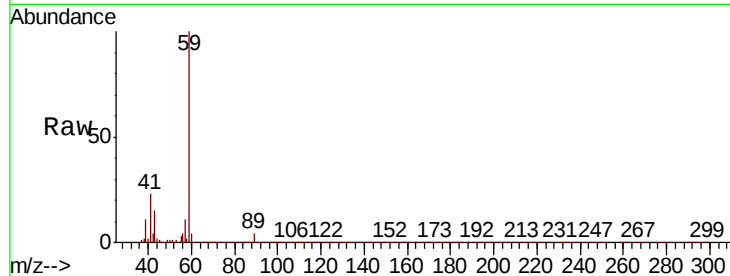
Tert butyl alcohol  
Concen: 199.882 ug/l  
RT: 3.03 min Scan# 351  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.8   | 7.8   | 11.6  |

Manual Integrations  
APPROVED

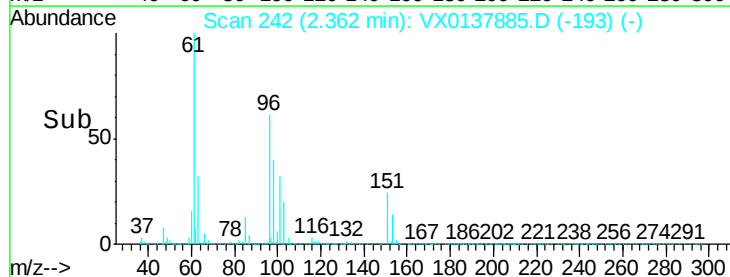
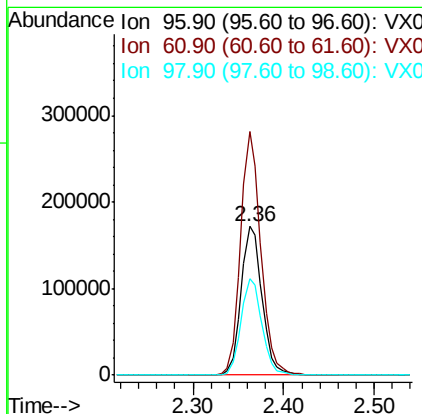
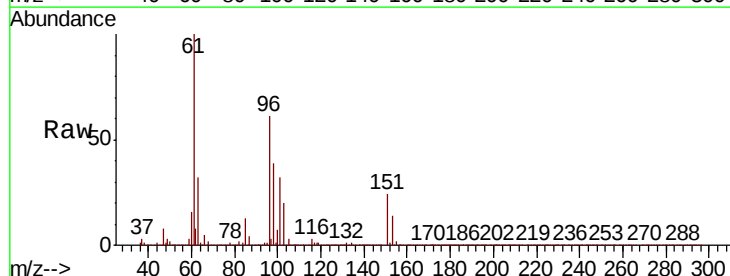
apatel  
12/10/2019 1:23:01 PM

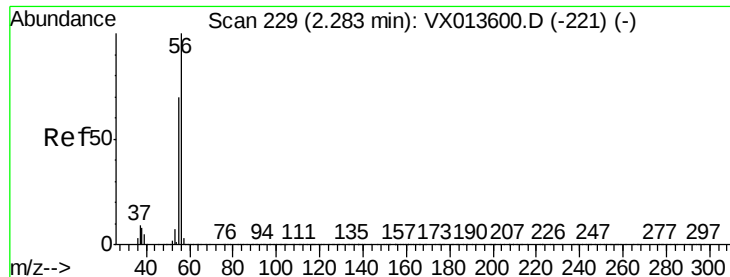


#12

1,1-Dichloroethene  
Concen: 50.113 ug/l  
RT: 2.36 min Scan# 242  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 163.9 | 126.6 | 190.0 |
| 98      | 64.6  | 50.6  | 76.0  |





#13

Acrolein

Concen: 227.612 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX0137885.D

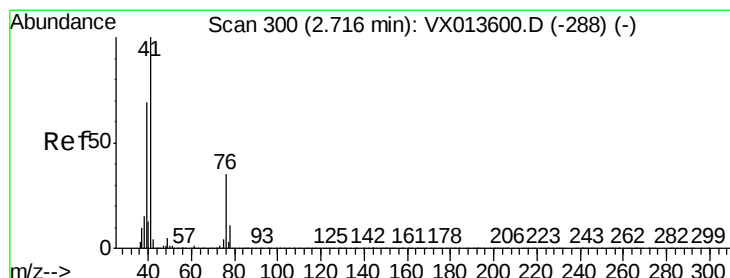
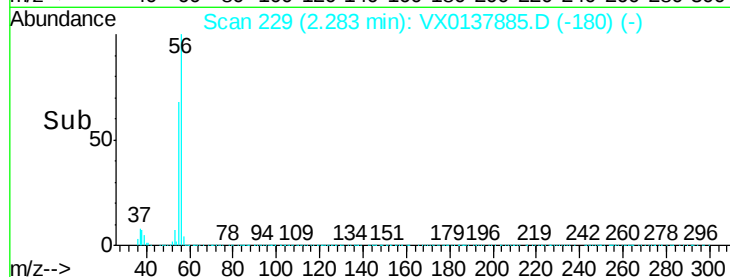
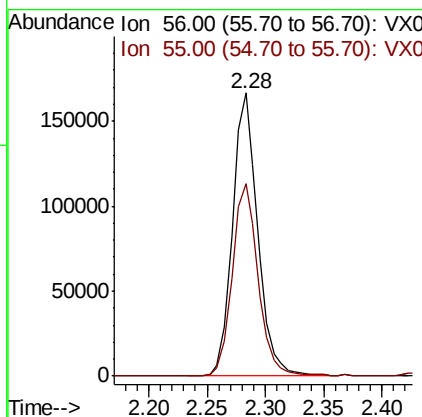
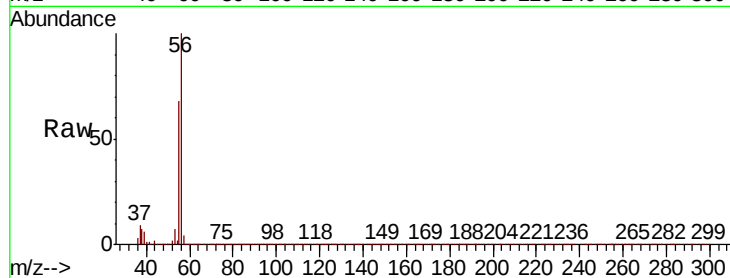
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion   | 56   | Resp  | 249842 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 56        | 100  |       |        |
| 55        | 69.5 | 56.2  | 84.4   |

Manual Integrations  
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apatel  
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#14

Allyl chloride

Concen: 45.692 ug/l

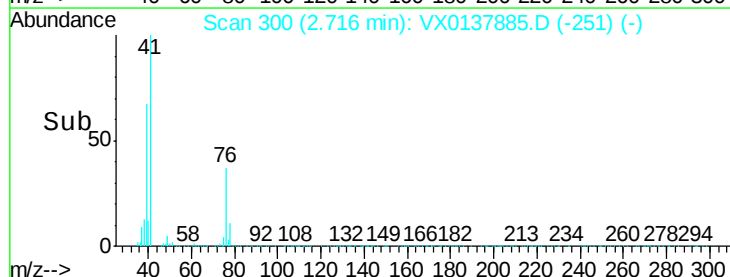
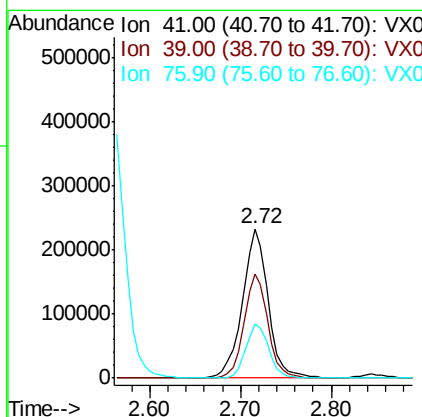
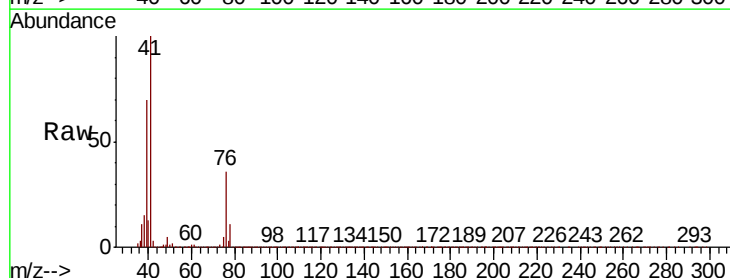
RT: 2.72 min Scan# 300

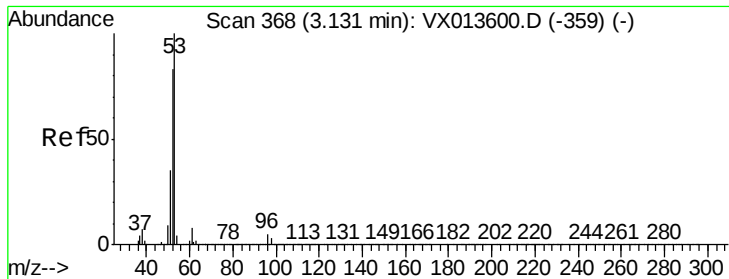
Delta R.T. -0.00 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

| Tgt Ion   | 41   | Resp  | 453145 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 41        | 100  |       |        |
| 39        | 65.2 | 51.7  | 77.5   |
| 76        | 32.5 | 25.9  | 38.9   |





#15

Acrylonitrile

Concen: 238.562 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX0137885.D

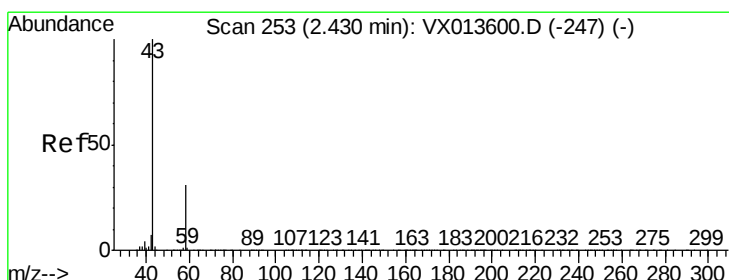
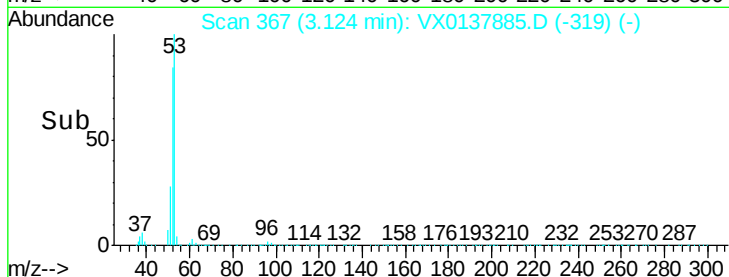
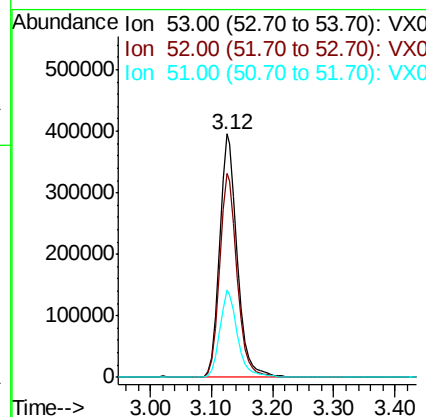
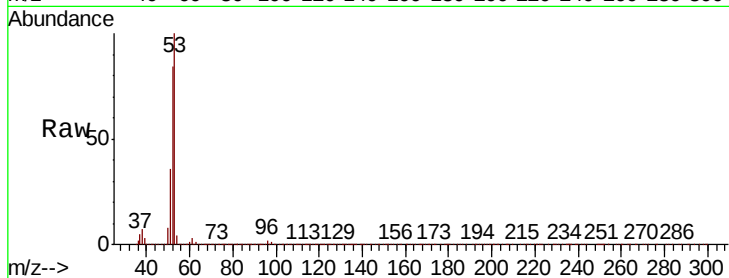
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 810201 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.9  | 66.2  | 99.2   |
| 51       | 35.9  | 29.0  | 43.6   |

Manual Integrations  
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#16

Acetone

Concen: 217.531 ug/l

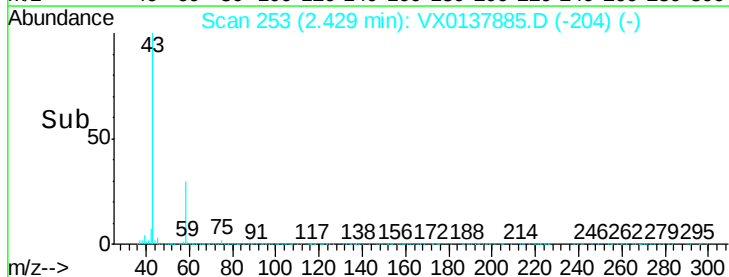
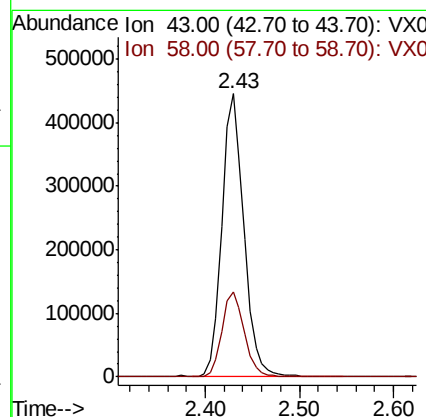
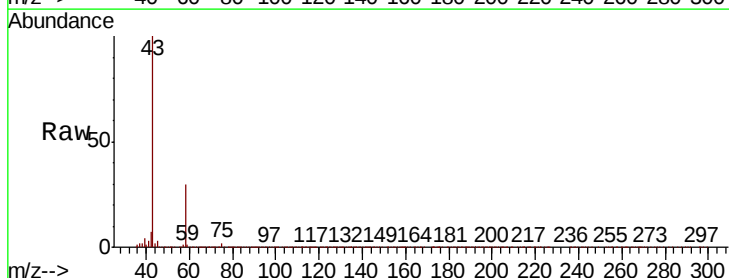
RT: 2.43 min Scan# 253

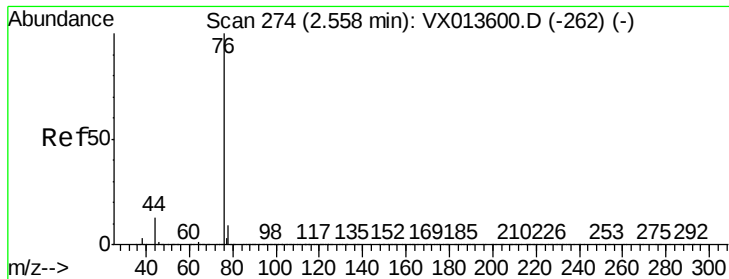
Delta R.T. -0.00 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 715875 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 30.1  | 24.6  | 36.8   |





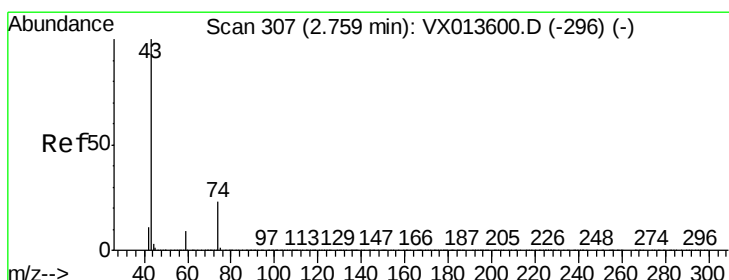
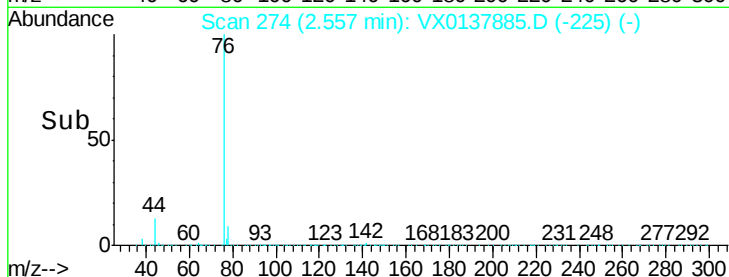
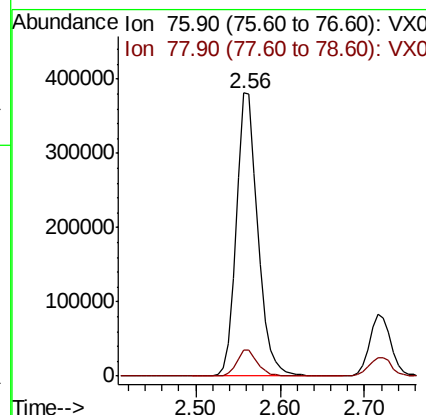
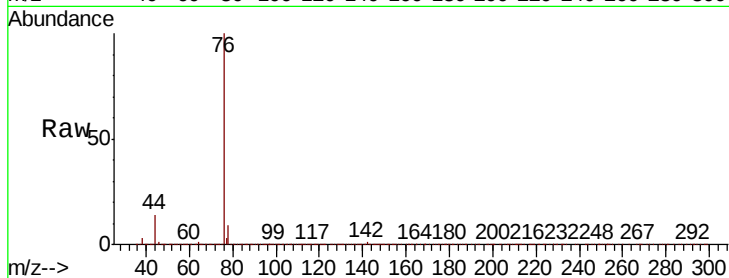
#17  
Carbon Disulfide  
Concen: 42.260 ug/l  
RT: 2.56 min Scan# 274  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.4   | 7.2   | 10.8  |

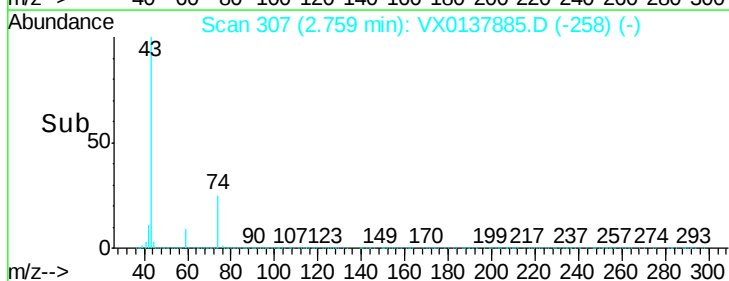
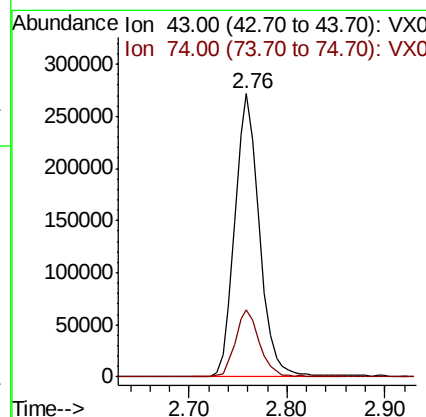
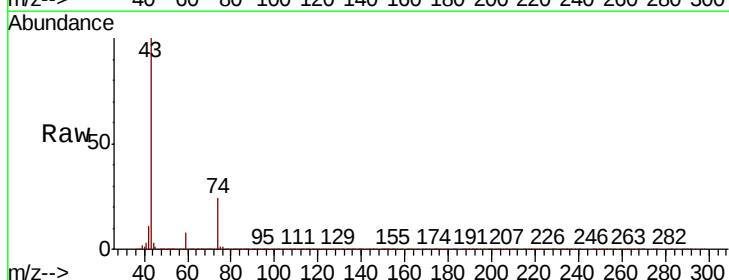
Manual Integrations  
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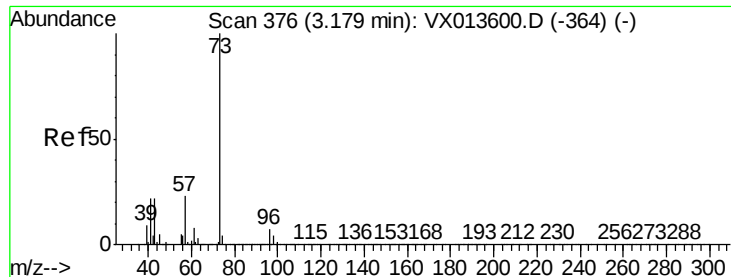
apatel  
12/10/2019 1:23:01 PM



#18  
Methyl Acetate  
Concen: 51.476 ug/l  
RT: 2.76 min Scan# 307  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.4  | 19.5  | 29.3  |





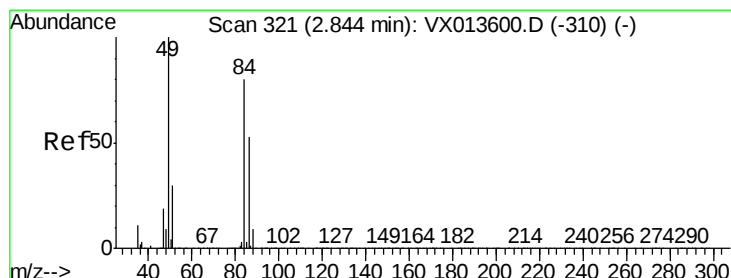
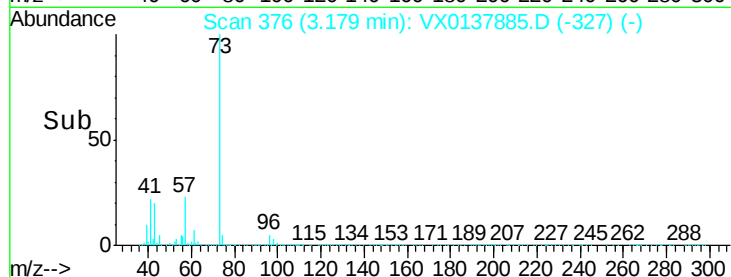
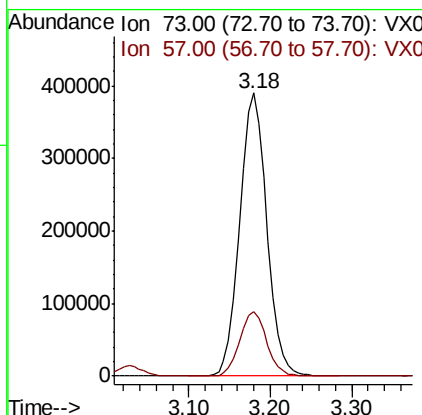
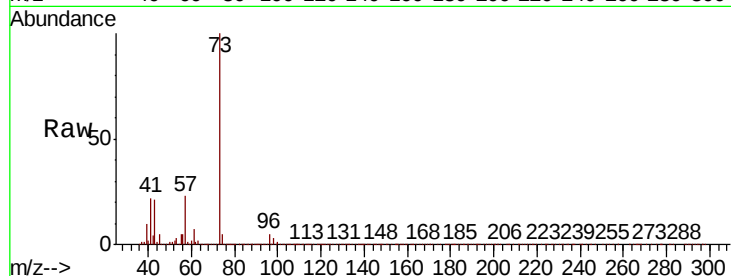
#19  
Methyl tert-butyl Ether  
Concen: 49.523 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.6  | 18.3  | 27.5  |

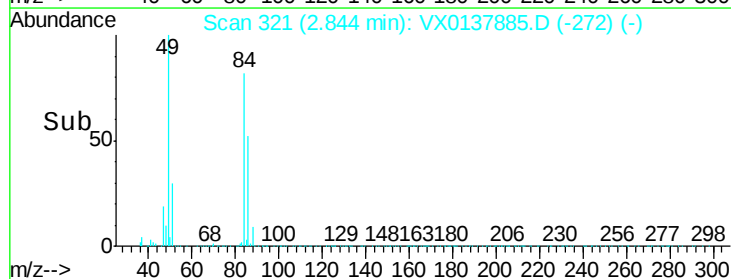
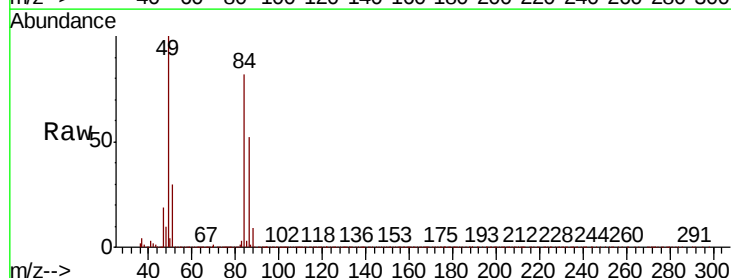
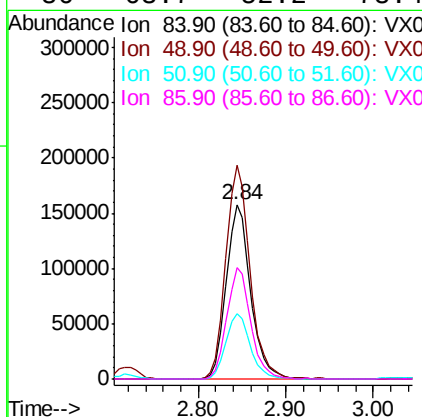
Manual Integrations  
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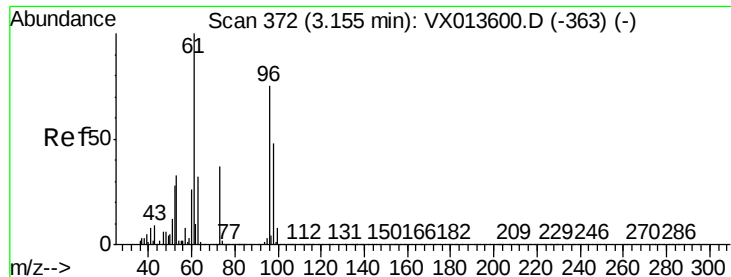
apatel  
12/10/2019 1:23:01 PM



#20  
Methylene Chloride  
Concen: 48.097 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 122.3 | 99.7  | 149.5 |
| 51      | 37.2  | 29.9  | 44.9  |
| 86      | 63.7  | 52.2  | 78.4  |





#21

trans-1,2-Dichloroethene

Concen: 47.579 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX0137885.D

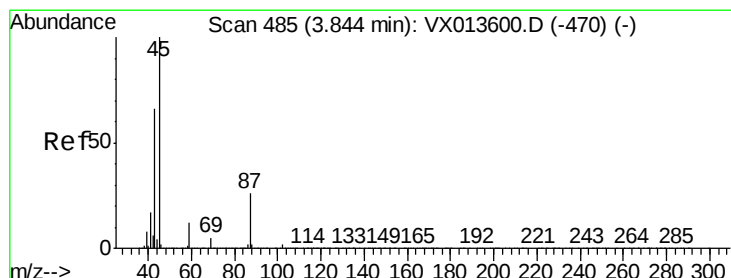
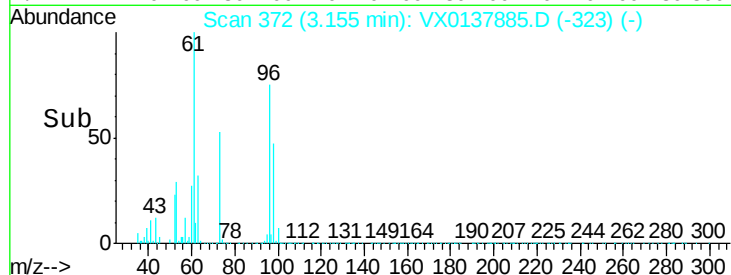
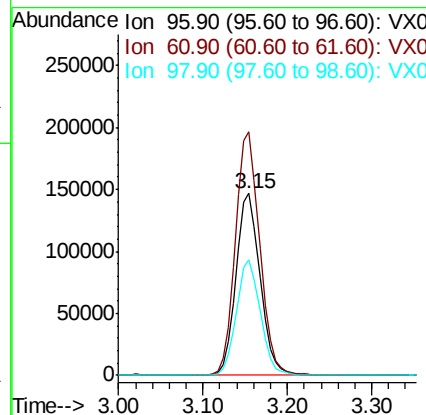
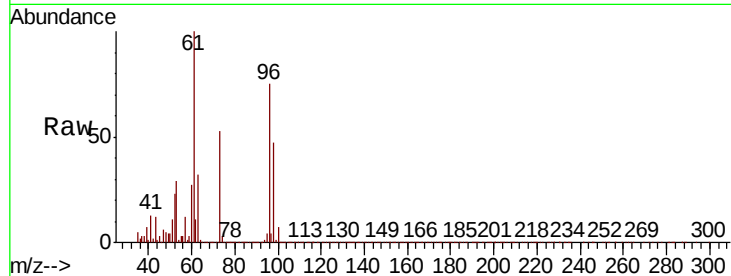
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 283259 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 134.0 | 107.2 | 160.8  |
| 98       | 63.2  | 51.4  | 77.0   |

Manual Integrations  
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apatel  
12/10/2019 1:23:01 PM



#22

Diisopropyl ether

Concen: 50.200 ug/l

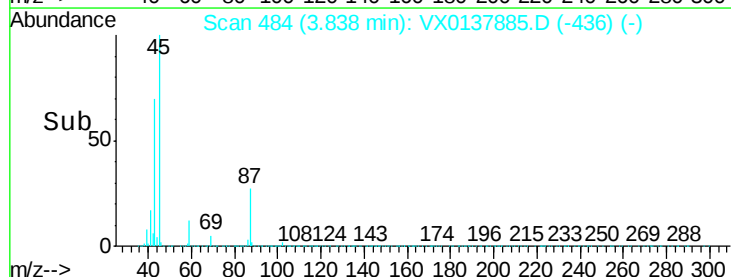
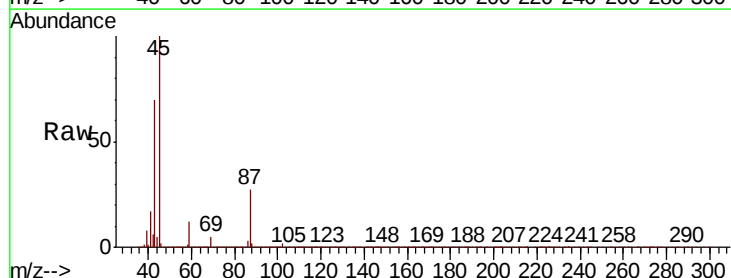
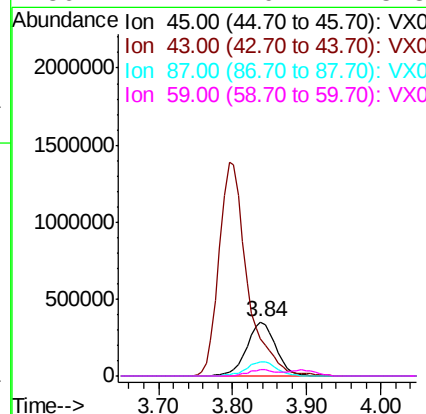
RT: 3.84 min Scan# 484

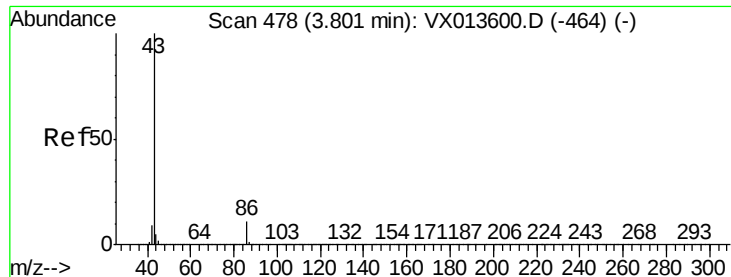
Delta R.T. -0.01 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 958629 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 69.3  | 52.6  | 79.0   |
| 87       | 27.0  | 21.1  | 31.7   |
| 59       | 11.7  | 9.2   | 13.8   |





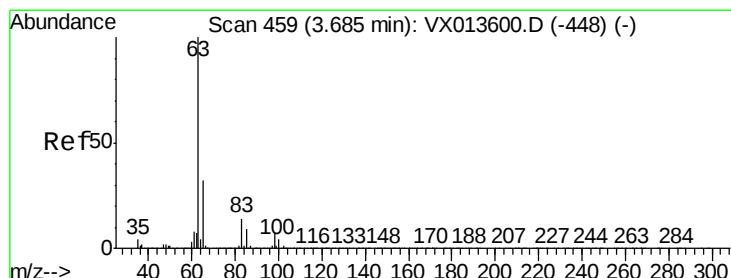
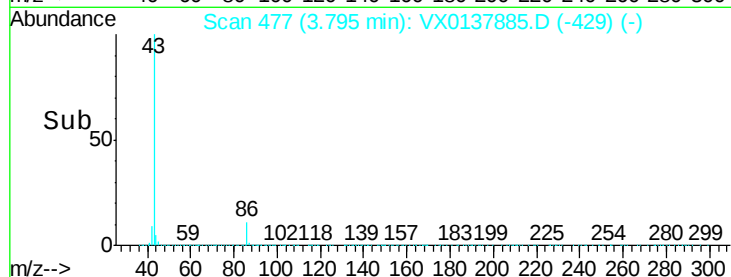
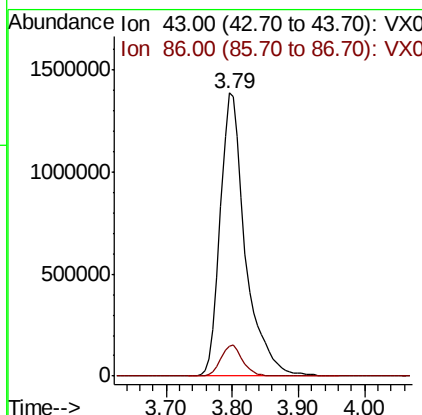
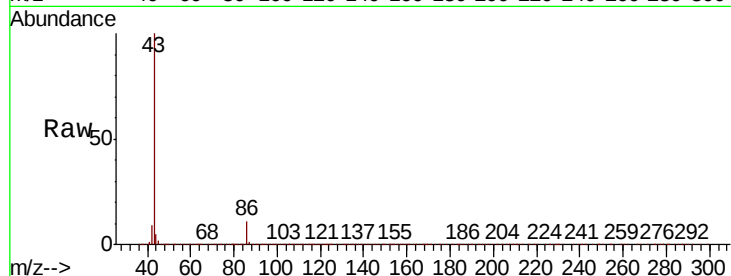
#23  
 Vinyl Acetate  
 Concen: 230.415 ug/l  
 RT: 3.79 min Scan# 477  
 Delta R.T. -0.01 min  
 Lab File: VX0137885.D  
 Acq: 10 Dec 2019 09:12

Instrument :  
 MSVOA\_X  
 ClientSampled :

Tot Ion: 43 Resp: 3660401  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 8.7 13.1

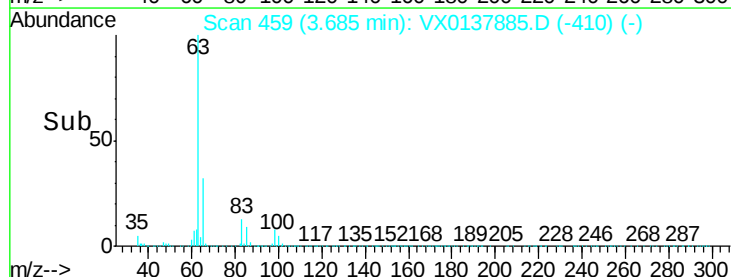
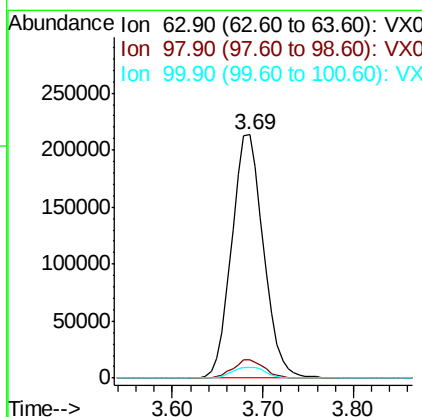
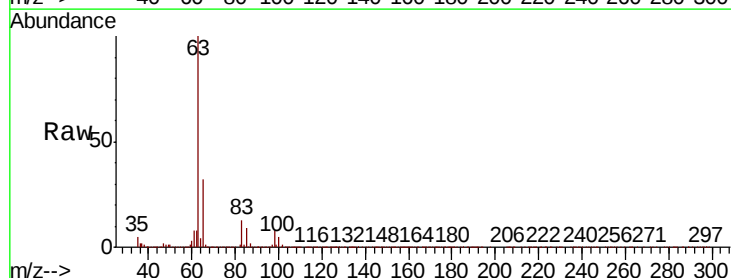
Manual Integrations  
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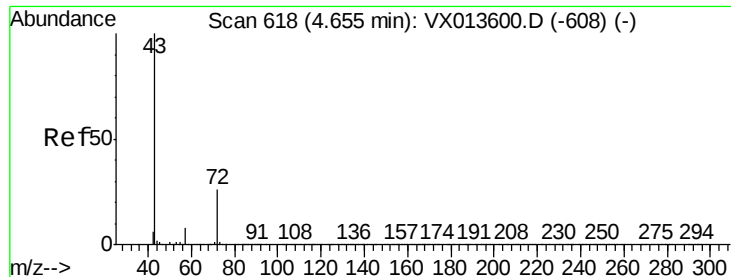
apatel  
 12/10/2019 1:23:01 PM



#24  
 1,1-Dichloroethane  
 Concen: 49.671 ug/l  
 RT: 3.69 min Scan# 459  
 Delta R.T. -0.00 min  
 Lab File: VX0137885.D  
 Acq: 10 Dec 2019 09:12

Tgt Ion: 63 Resp: 518535  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.5 10.4  
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 227.289 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA\_X

ClientSampled :

Tot Ion: 43 Resp: 1111652

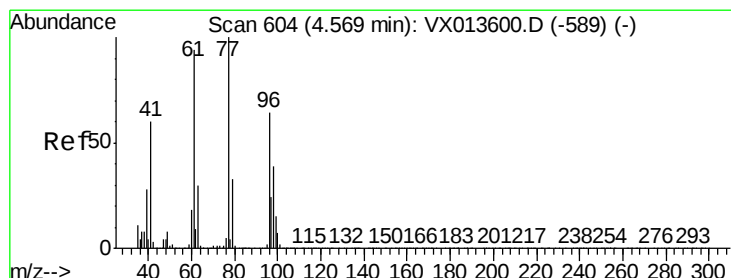
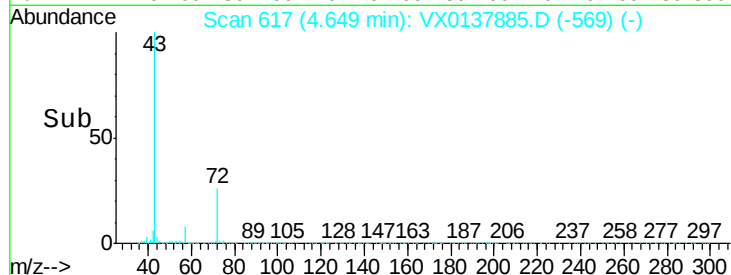
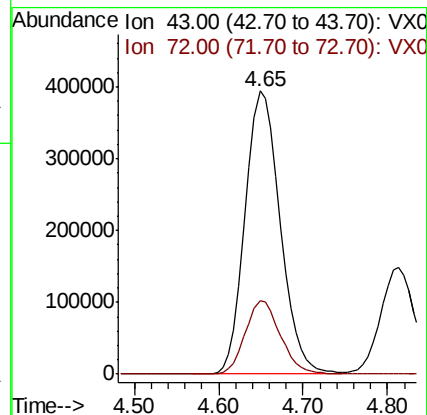
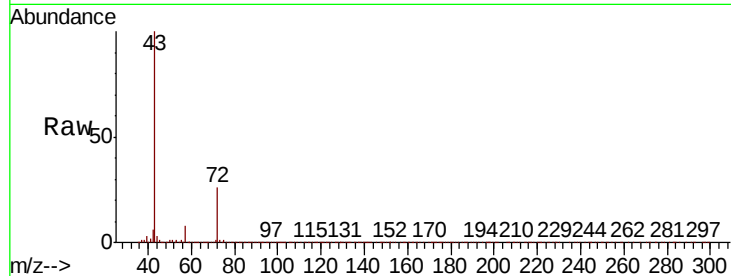
Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0

Manual Integrations  
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apatel  
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#26

2,2-Dichloropropane

Concen: 30.060 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX0137885.D

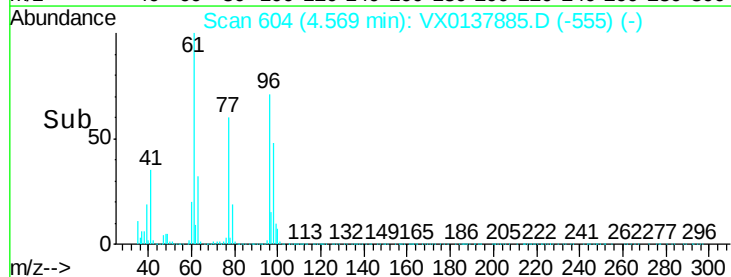
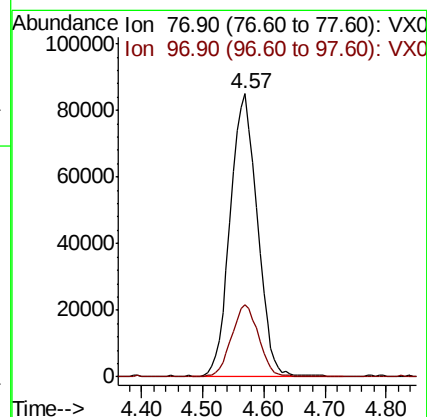
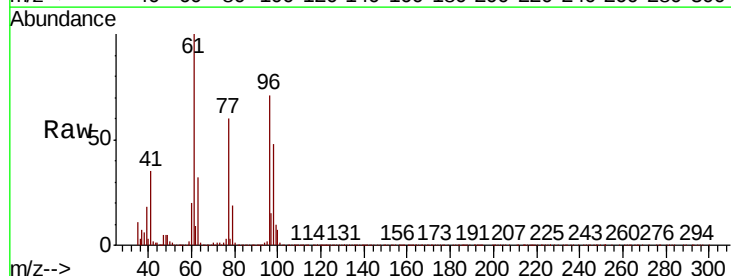
Acq: 10 Dec 2019 09:12

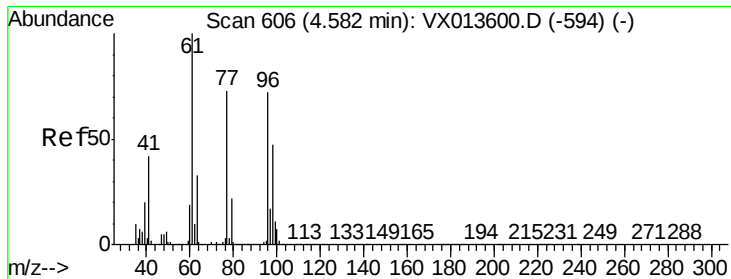
Tgt Ion: 77 Resp: 259632

Ion Ratio Lower Upper

77 100

97 25.4 12.0 36.1





#27

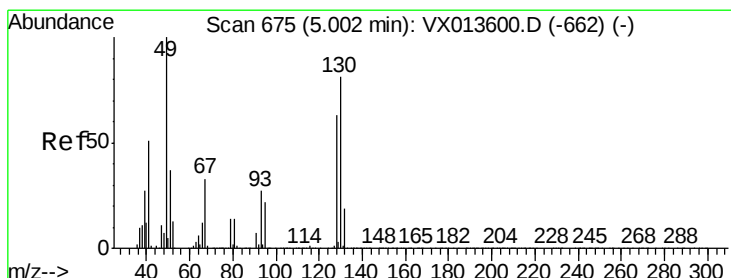
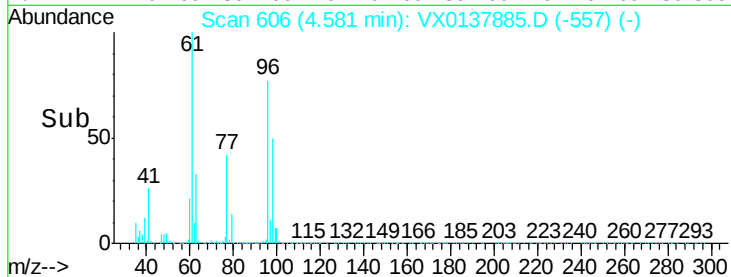
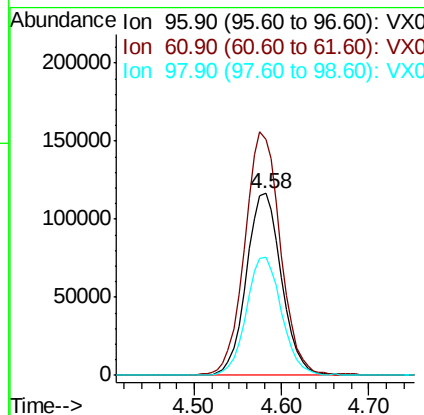
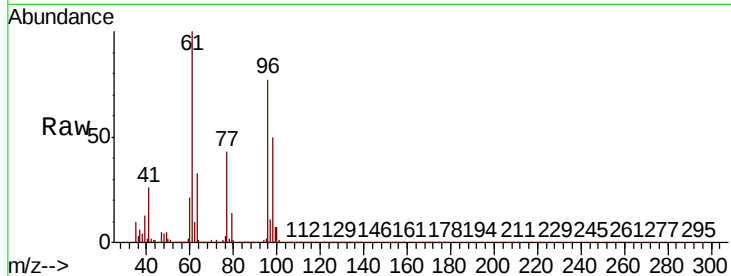
cis-1,2-Dichloroethene  
Concen: 47.679 ug/l  
RT: 4.58 min Scan# 606  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 135.4 | 0.0   | 286.4 |
| 98      | 64.7  | 0.0   | 127.4 |

Manual Integrations  
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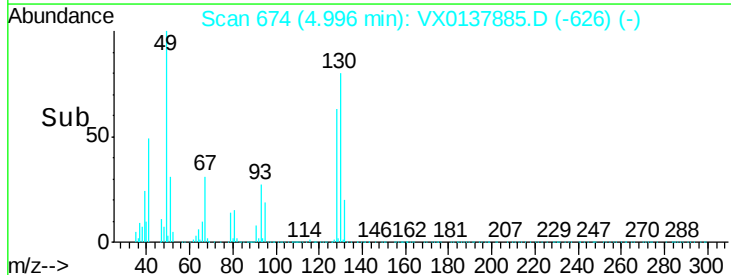
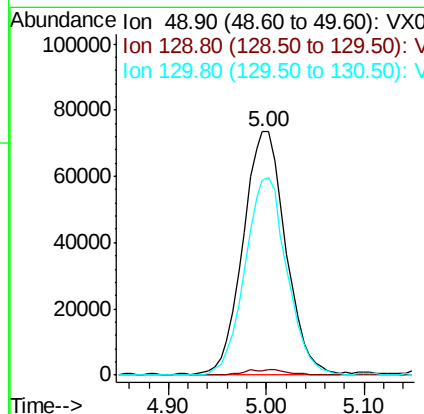
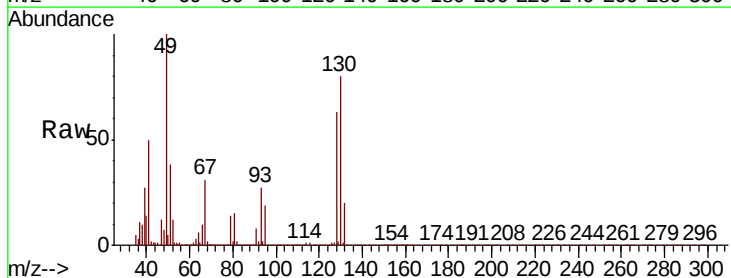
apatel  
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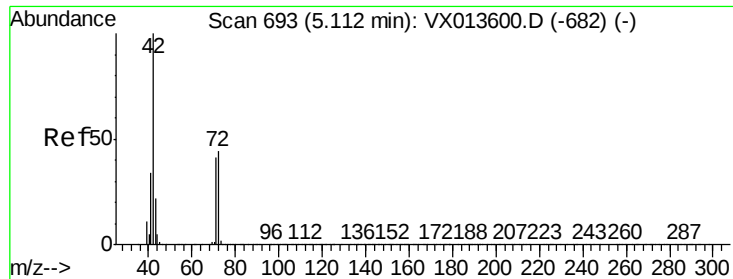


#28

Bromochloromethane  
Concen: 53.992 ug/l  
RT: 5.00 min Scan# 674  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.4   | 0.0   | 5.0   |
| 130     | 79.2  | 65.4  | 98.0  |





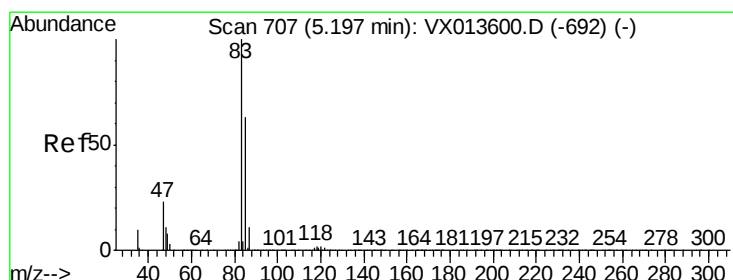
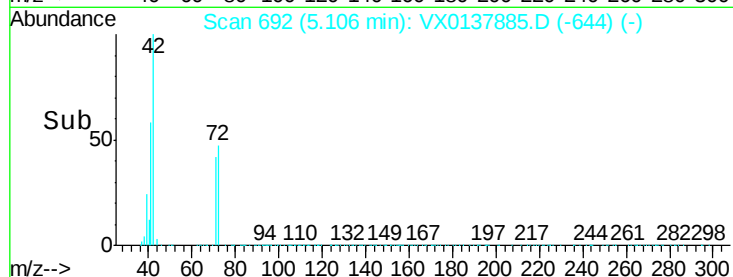
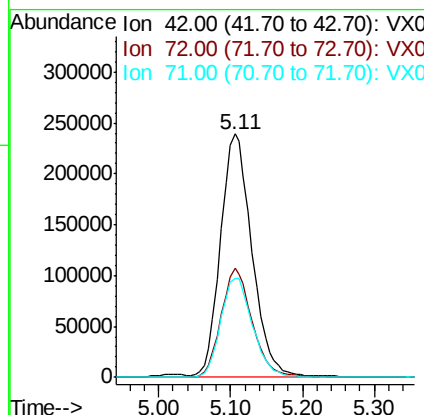
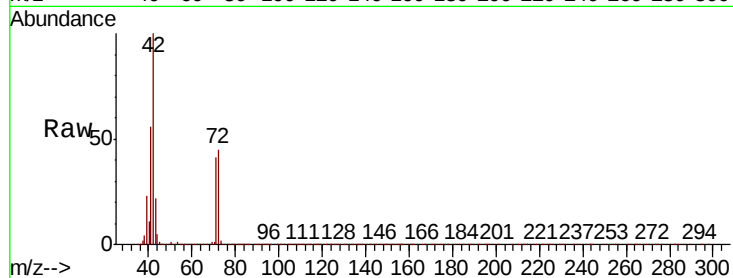
#29  
Tetrahydrofuran  
Concen: 239.645 ug/l  
RT: 5.11 min Scan# 692  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.6  | 36.3  | 54.5  |
| 71      | 41.1  | 33.2  | 49.8  |

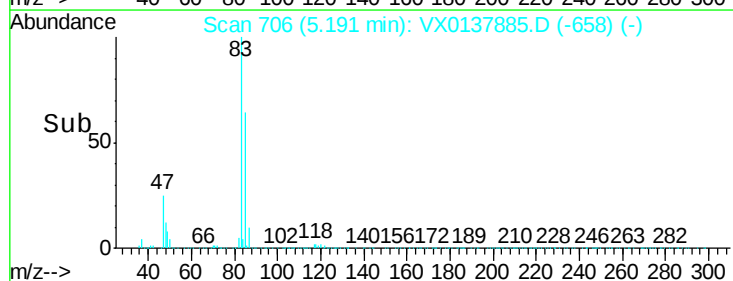
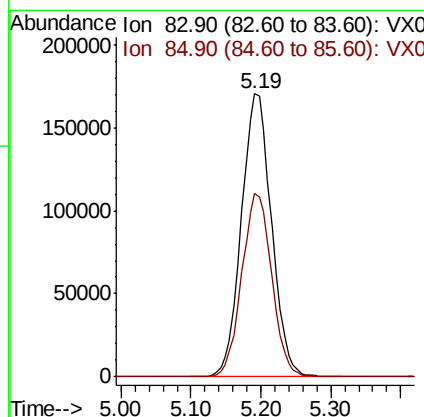
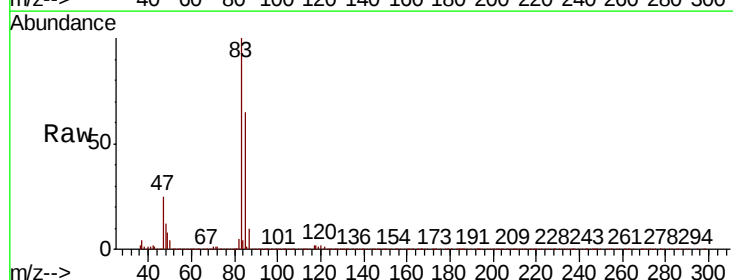
Manual Integrations  
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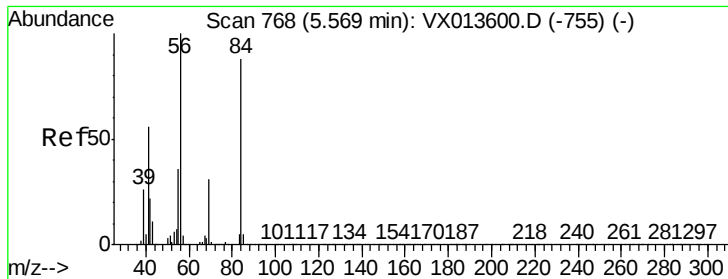
apatel  
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#30  
Chloroform  
Concen: 47.980 ug/l  
RT: 5.19 min Scan# 706  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.7  | 50.2  | 75.4  |





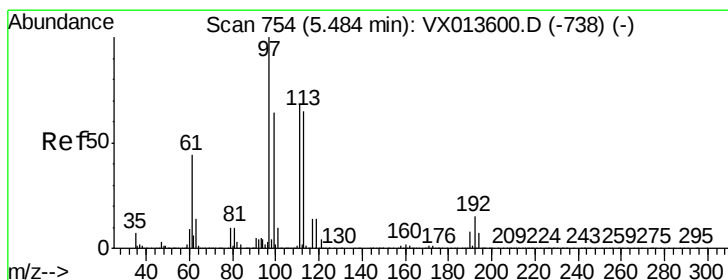
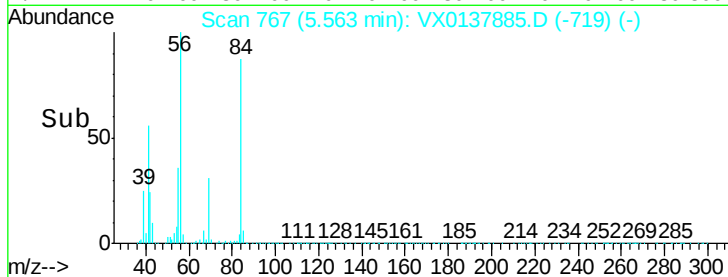
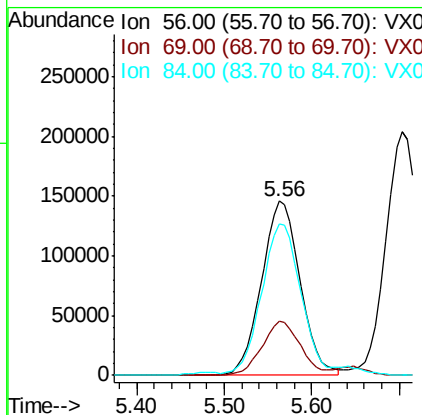
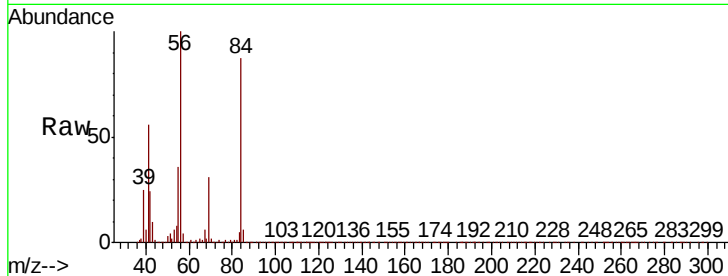
#31  
Cyclohexane  
Concen: 45.570 ug/l  
RT: 5.56 min Scan# 767  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.1  | 24.6  | 36.8  |
| 84      | 85.9  | 70.0  | 105.0 |

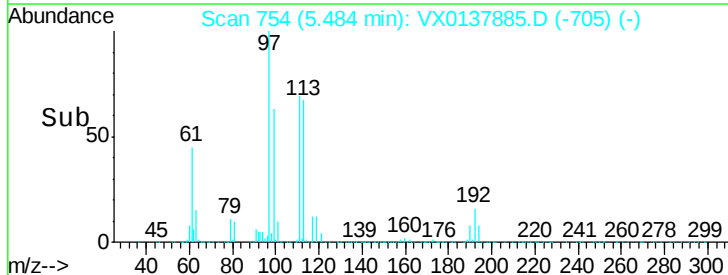
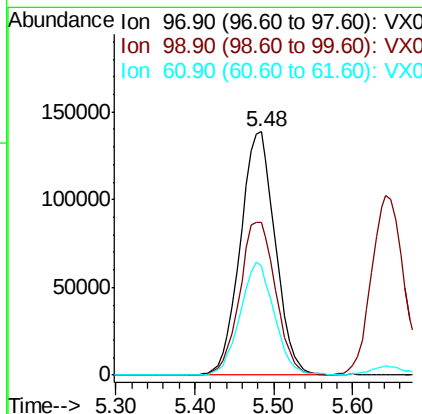
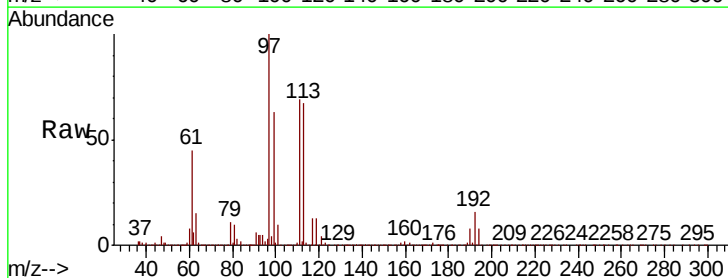
Manual Integrations  
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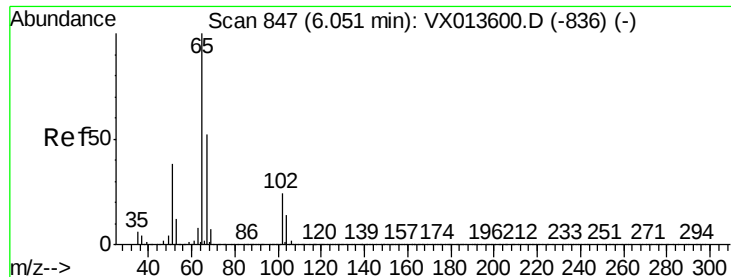
apatel  
12/10/2019 1:23:01 PM



#32  
1,1,1-Trichloroethane  
Concen: 48.214 ug/l  
RT: 5.48 min Scan# 754  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.7  | 51.6  | 77.4  |
| 61      | 44.9  | 36.1  | 54.1  |





#33

1,2-Dichloroethane-d4

Concen: 47.186 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 65 Resp: 314527

Ion Ratio Lower Upper

65 100

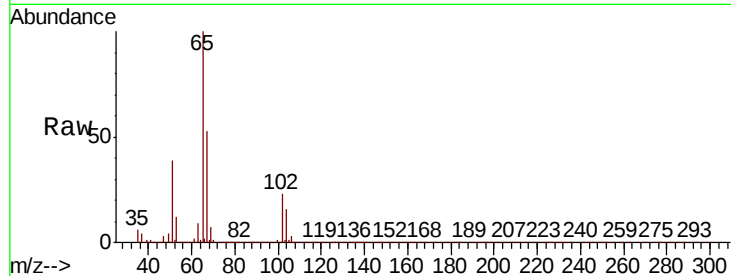
67 51.9 0.0 104.4

Manual Integrations

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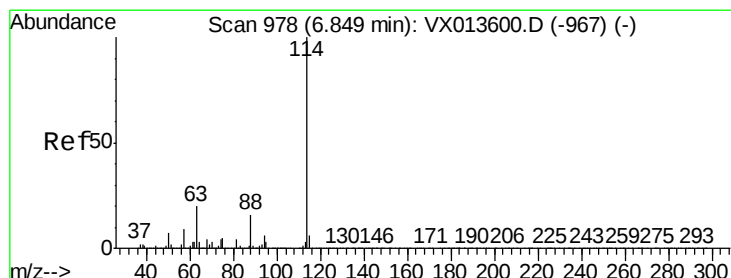
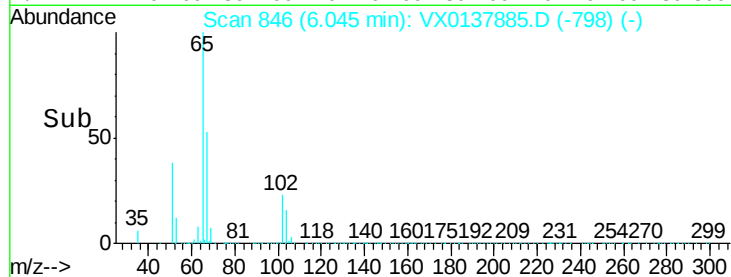
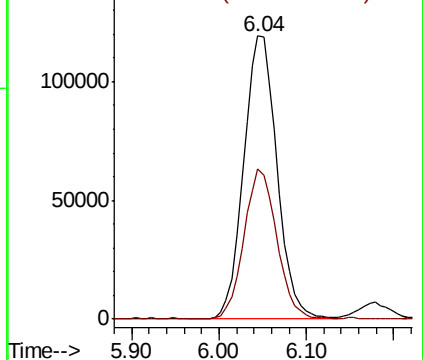
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

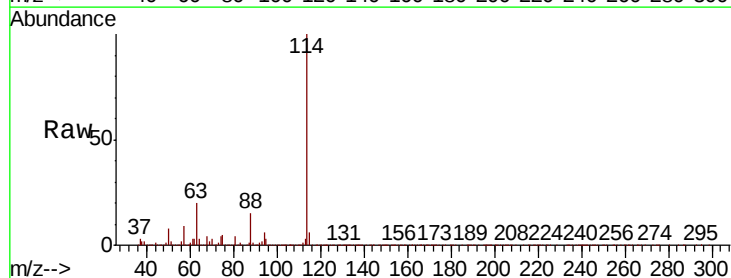
Tgt Ion: 114 Resp: 887207

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

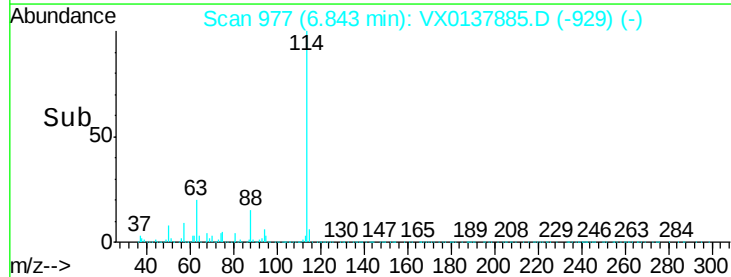
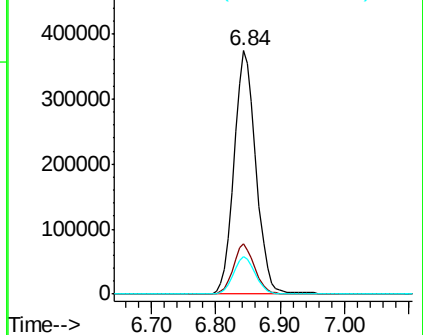
88 15.4 0.0 31.4

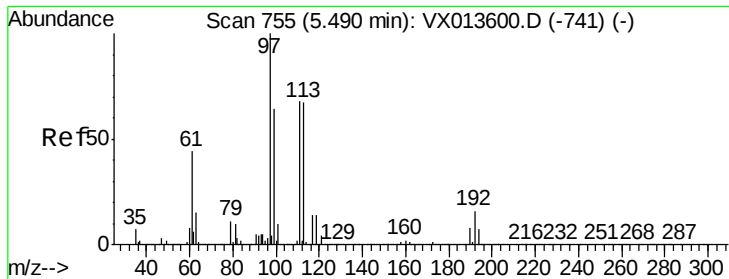


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.508 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX0137885.D

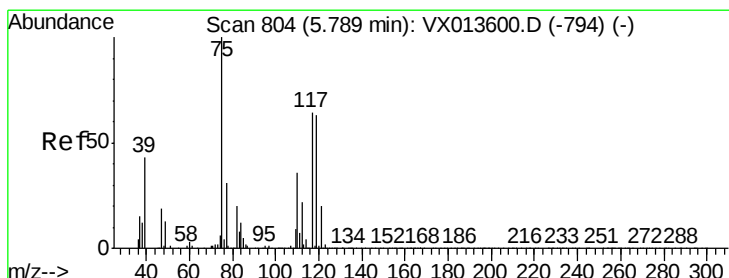
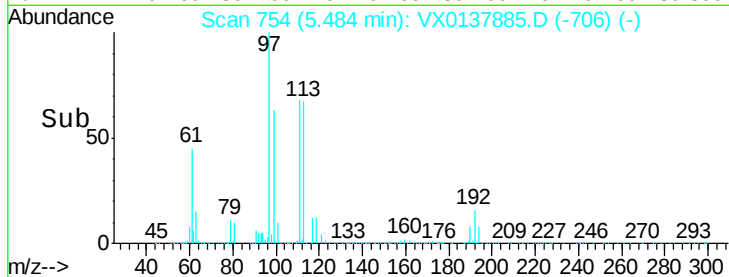
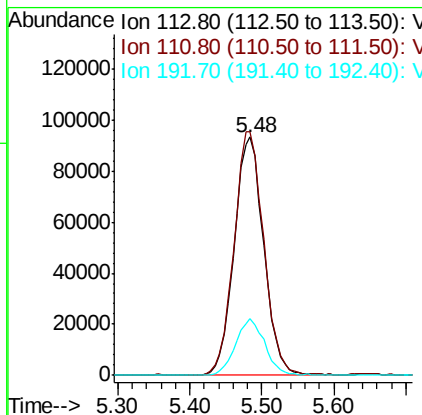
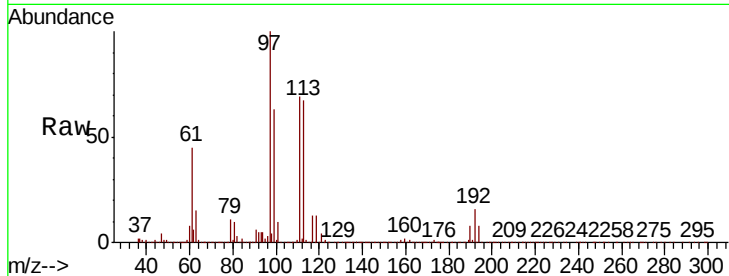
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 266058 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.6 | 83.6  | 125.4  |
| 192       | 23.6  | 19.2  | 28.8   |

Manual Integrations  
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#36

1,1-Dichloropropene

Concen: 47.021 ug/l

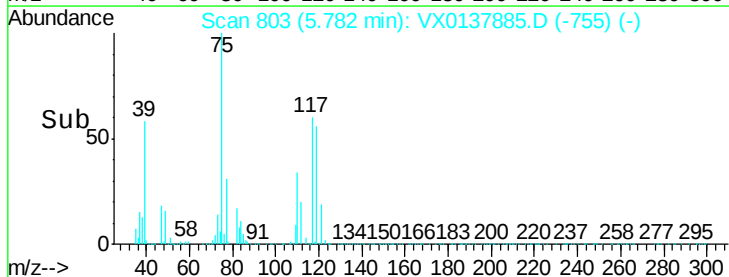
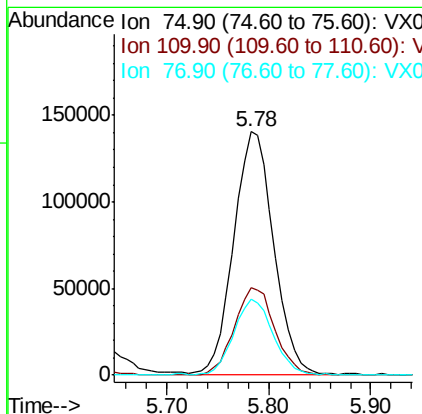
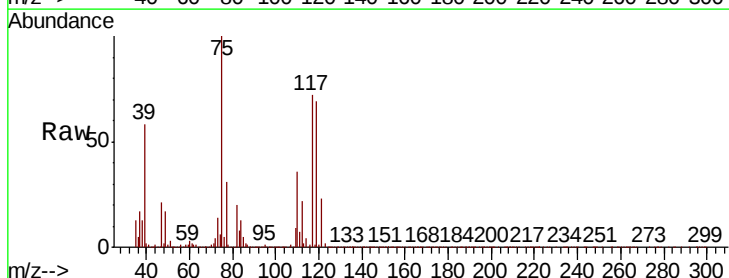
RT: 5.78 min Scan# 803

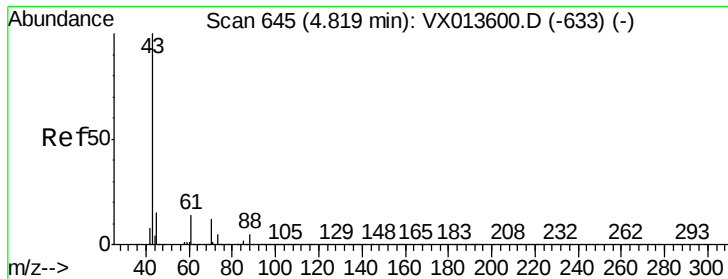
Delta R.T. -0.01 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 378692 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.4  | 18.1  | 54.1   |
| 77        | 30.6  | 24.5  | 36.7   |





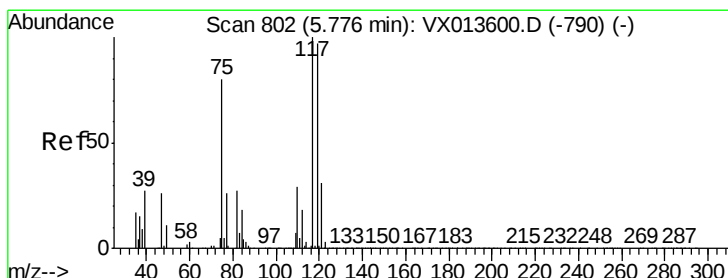
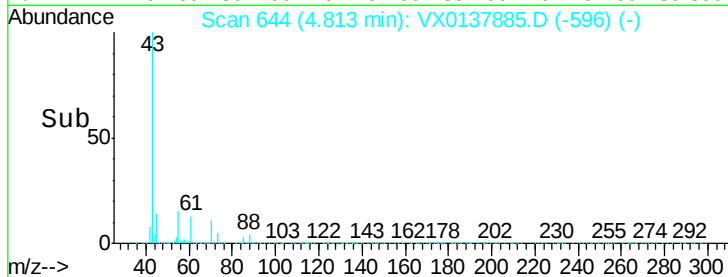
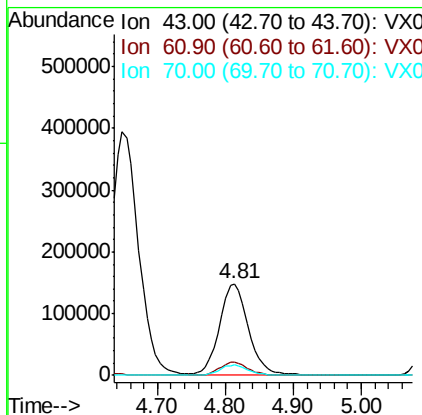
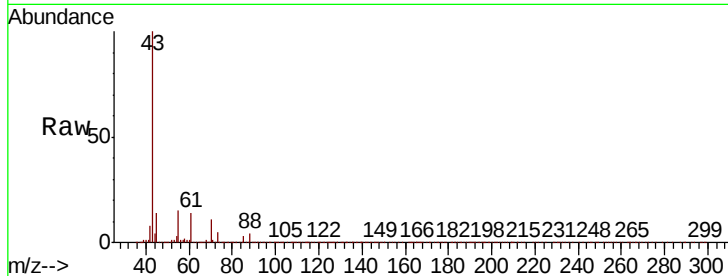
#37  
Ethyl Acetate  
Concen: 48.031 ug/l  
RT: 4.81 min Scan# 644  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.5  | 11.0  | 16.4  |
| 70      | 10.4  | 8.6   | 12.8  |

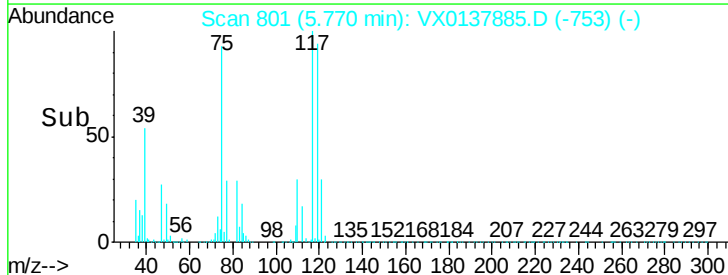
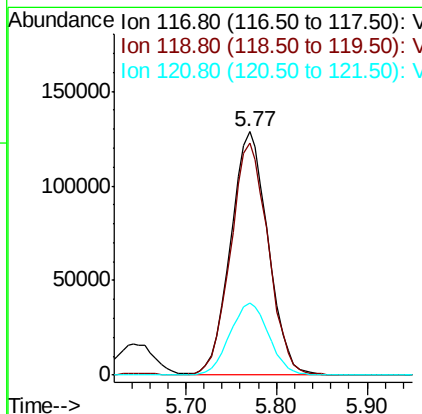
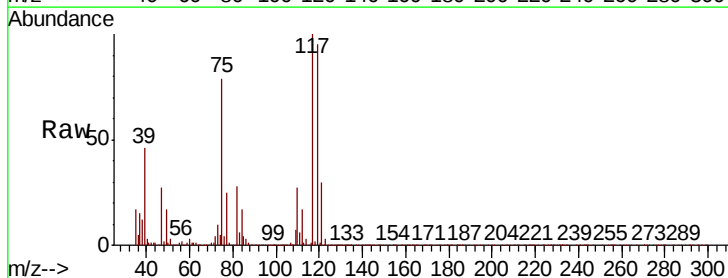
Manual Integrations  
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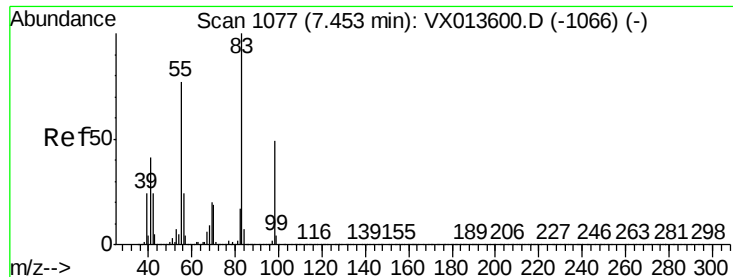
apatel  
12/10/2019 1:23:01 PM



#38  
Carbon Tetrachloride  
Concen: 49.509 ug/l  
RT: 5.77 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.0  | 77.5  | 116.3 |
| 121     | 29.5  | 25.0  | 37.6  |





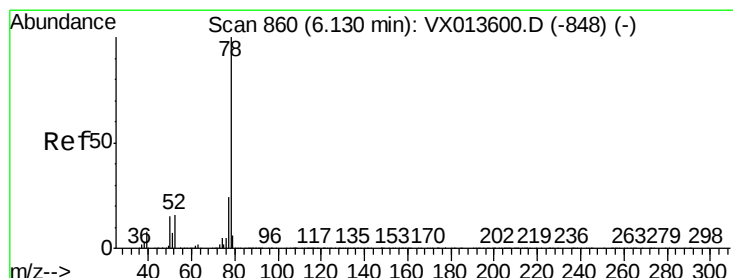
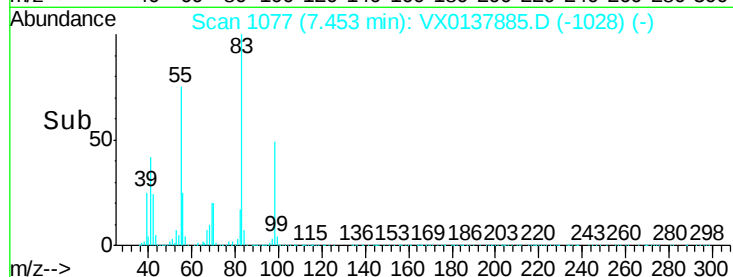
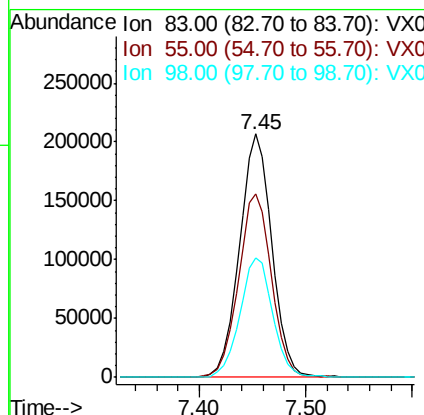
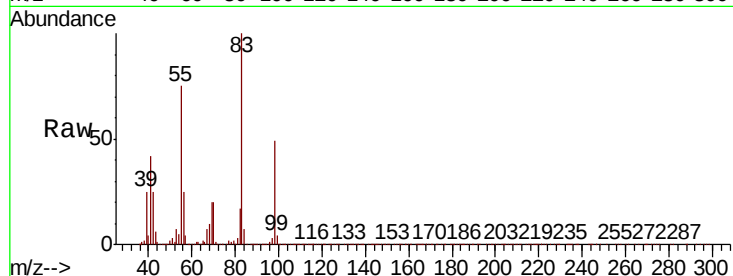
#39  
Methvlcvclohexane  
Concen: 44.243 ug/l  
RT: 7.45 min Scan# 1077  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.1  | 61.9  | 92.9  |
| 98      | 49.2  | 39.4  | 59.0  |

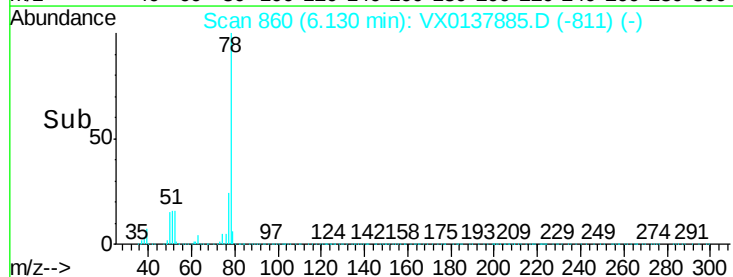
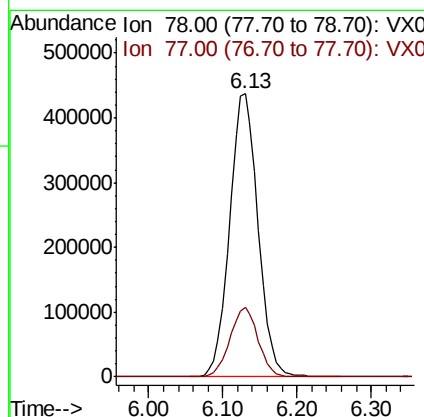
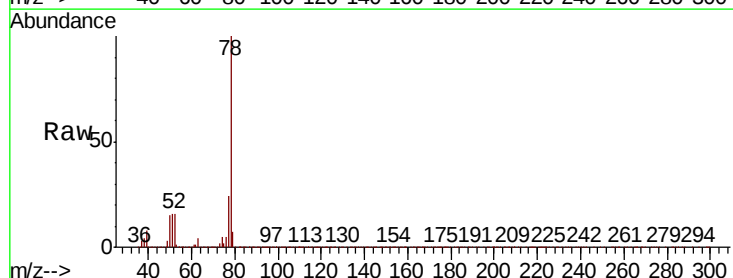
Manual Integrations  
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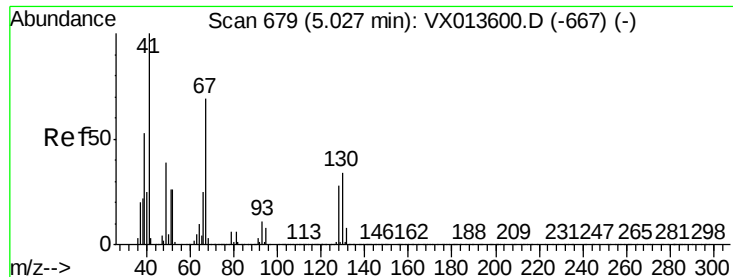
apatel  
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#40  
Benzene  
Concen: 47.373 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.3  | 19.0  | 28.4  |





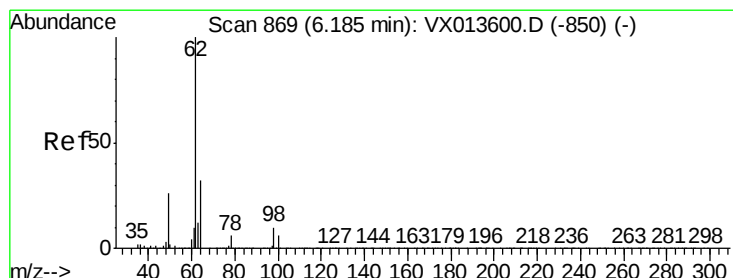
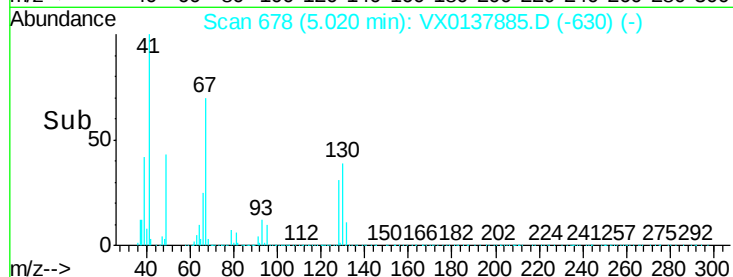
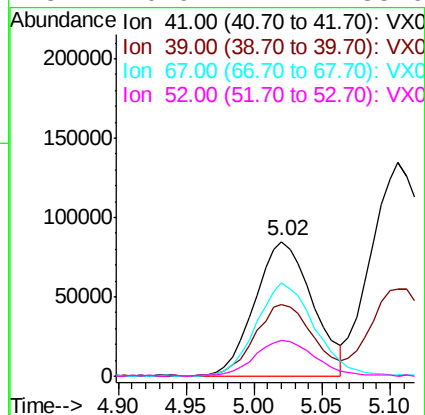
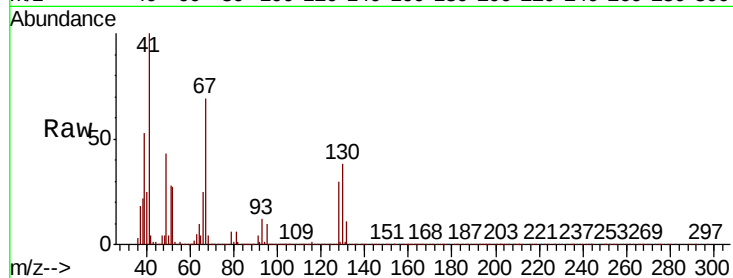
#41  
Methacrylonitrile  
Concen: 50.400 ug/l  
RT: 5.02 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 249730 |       |       |
| 39      | 53.8 | 42.9  | 64.3   |       |       |
| 67      | 70.4 | 57.4  | 86.0   |       |       |
| 52      | 26.9 | 22.4  | 33.6   |       |       |

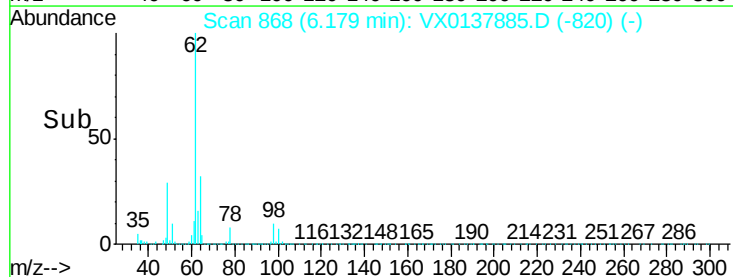
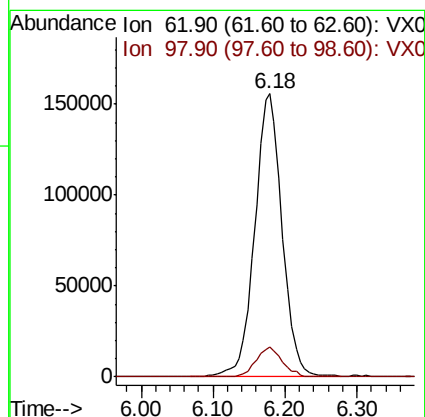
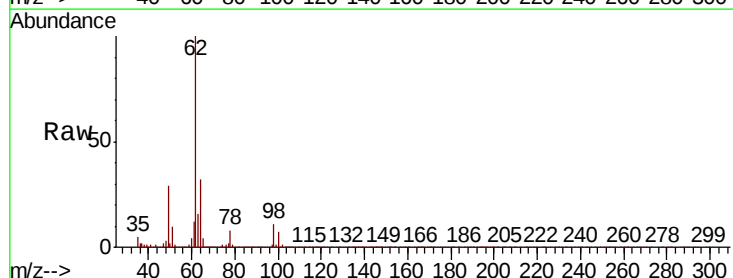
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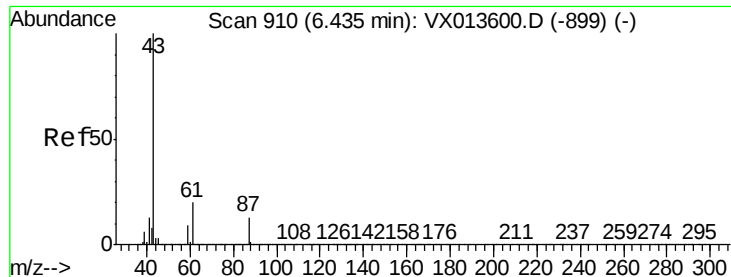
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#42  
1,2-Dichloroethane  
Concen: 48.787 ug/l  
RT: 6.18 min Scan# 868  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 62      | 100  |       | 408116 |       |       |
| 98      | 10.3 | 0.0   | 20.8   |       |       |





#43

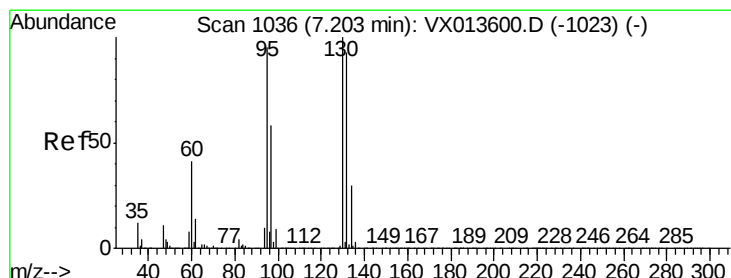
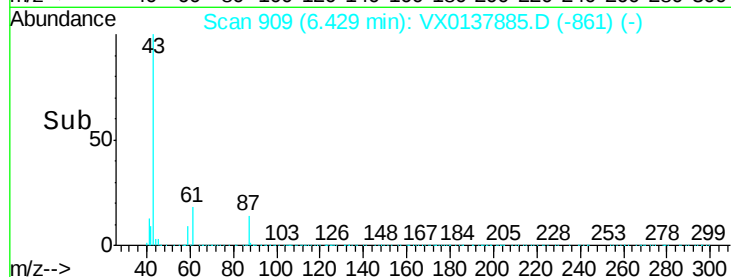
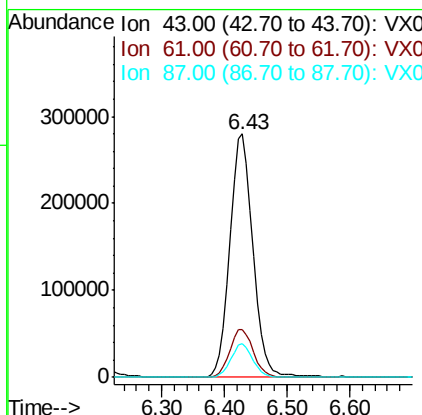
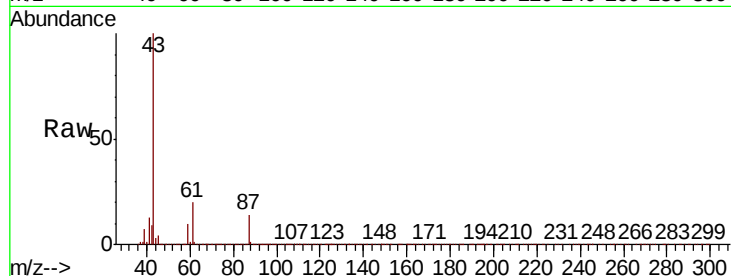
Isopropyl Acetate  
 Concen: 47.863 ug/l  
 RT: 6.43 min Scan# 909  
 Delta R.T. -0.01 min  
 Lab File: VX0137885.D  
 Acq: 10 Dec 2019 09:12

Instrument :  
 MSVOA\_X  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.3  | 16.3  | 24.5  |
| 87      | 13.2  | 10.8  | 16.2  |

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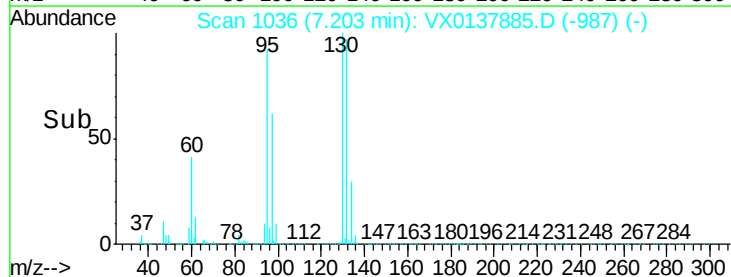
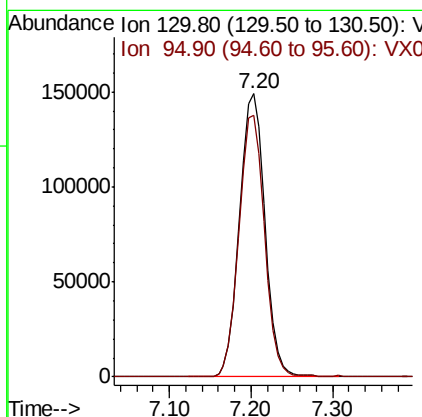
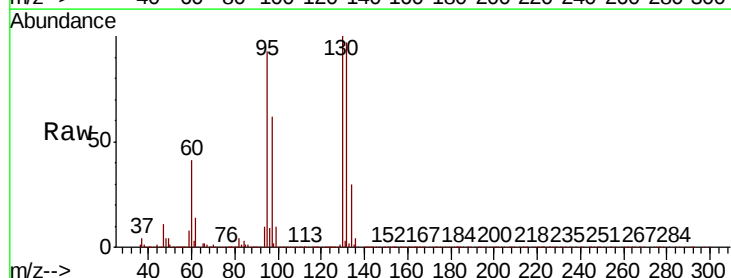
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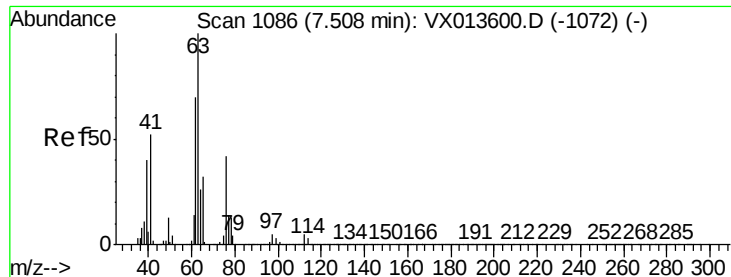


#44

Trichloroethene  
 Concen: 47.791 ug/l  
 RT: 7.20 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: VX0137885.D  
 Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.5  | 0.0   | 190.8 |





#45

1,2-Dichloropropane

Concen: 50.121 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX0137885.D

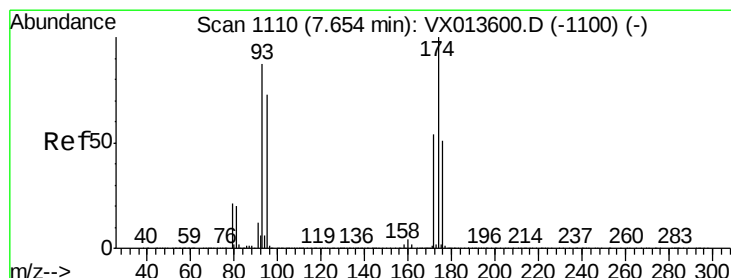
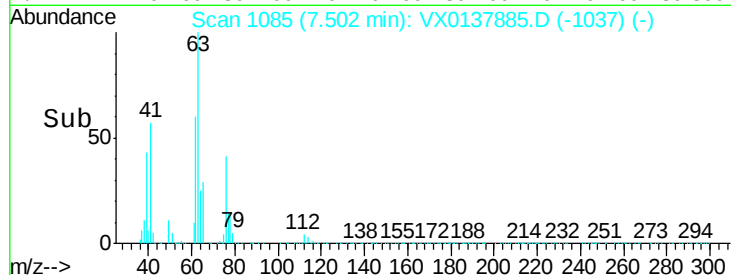
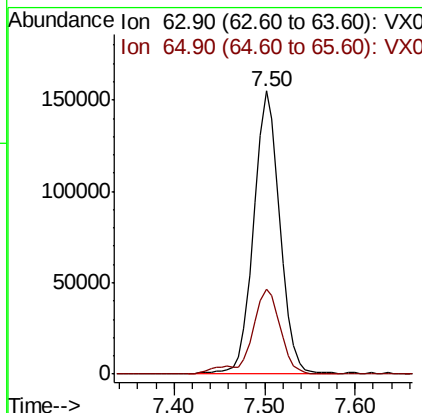
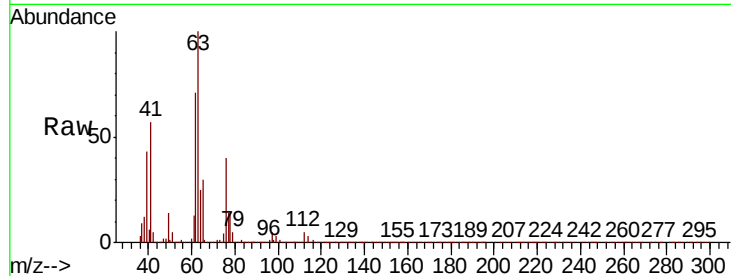
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.0  | 25.5  | 38.3  |

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#46

Dibromomethane

Concen: 48.463 ug/l

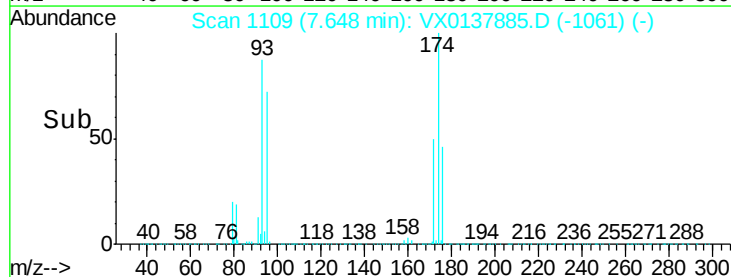
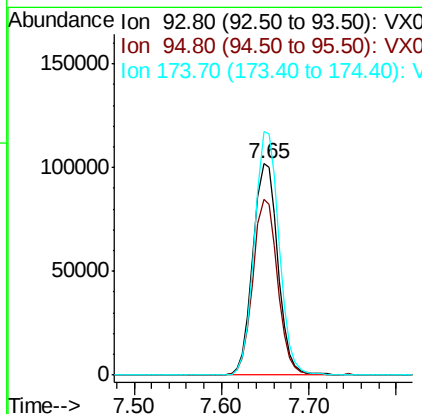
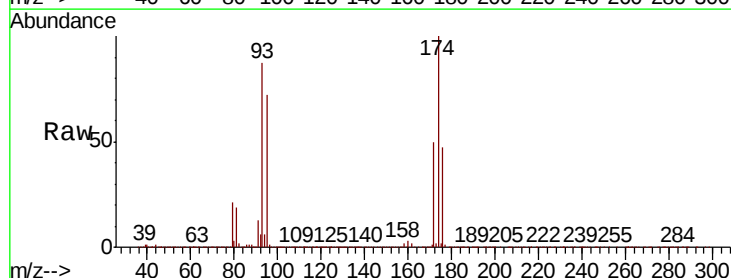
RT: 7.65 min Scan# 1109

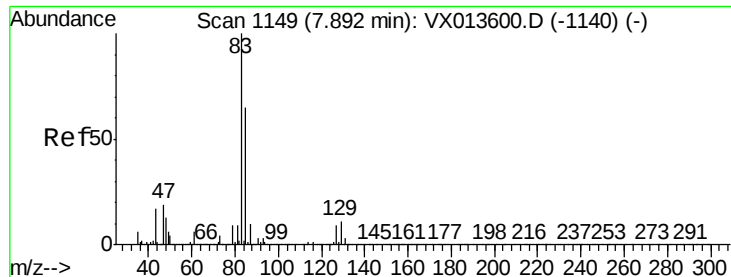
Delta R.T. -0.01 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 81.9  | 66.2  | 99.2  |
| 174     | 114.2 | 93.4  | 140.0 |





#47

Bromodichloromethane

Concen: 50.326 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX0137885.D

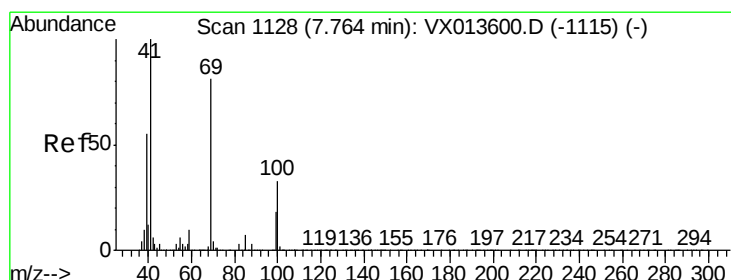
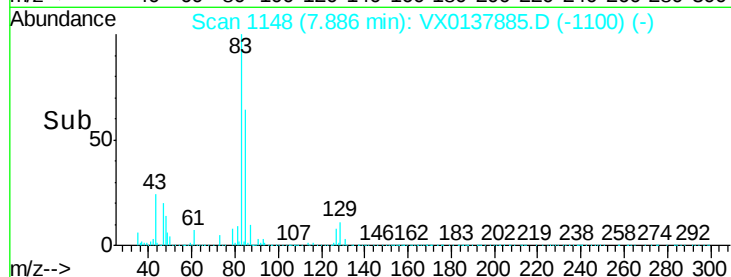
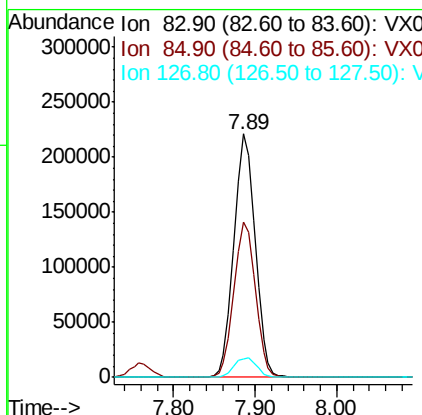
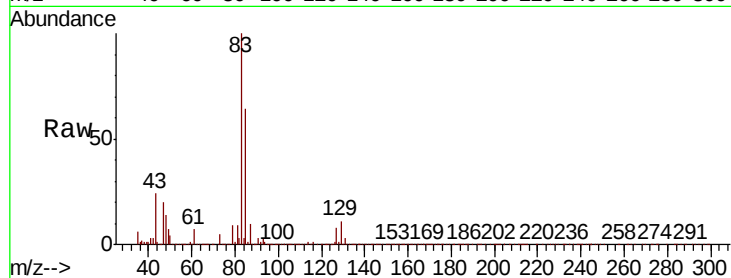
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 396547 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.8  | 52.1  | 78.1   |
| 127       | 7.7   | 7.0   | 10.4   |

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#48

Methyl methacrylate

Concen: 49.618 ug/l

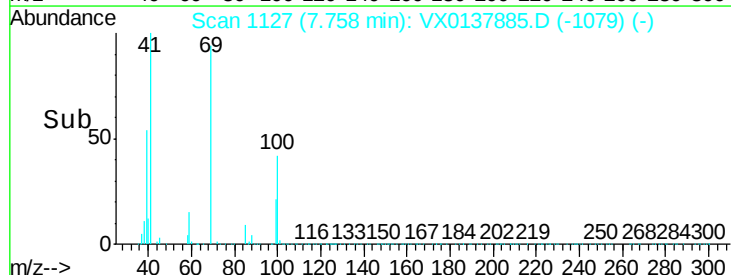
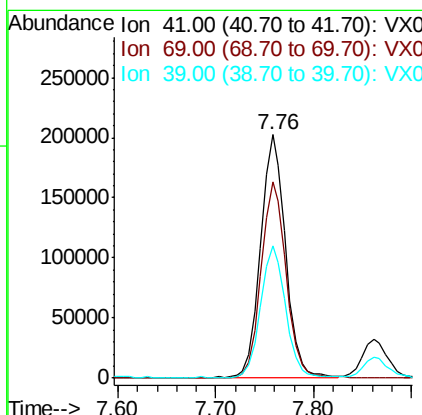
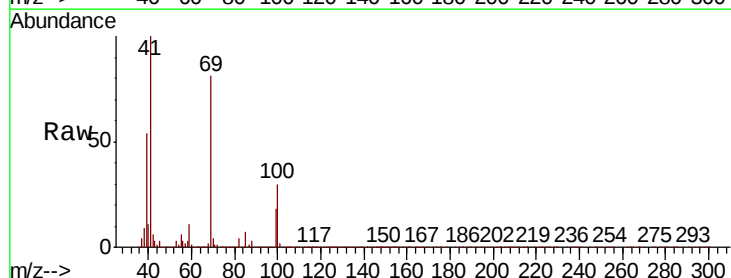
RT: 7.76 min Scan# 1127

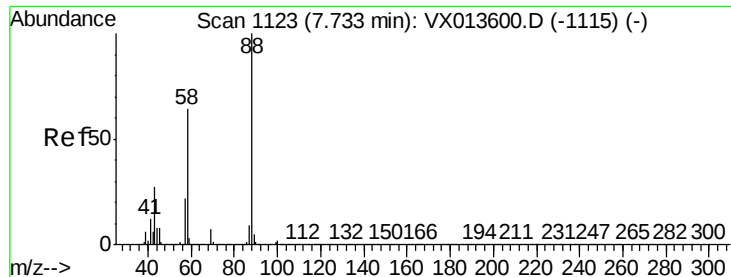
Delta R.T. -0.01 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 358592 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 81.5  | 64.7  | 97.1   |
| 39        | 54.4  | 43.8  | 65.6   |





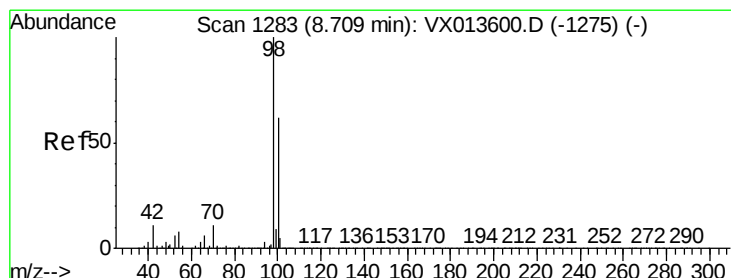
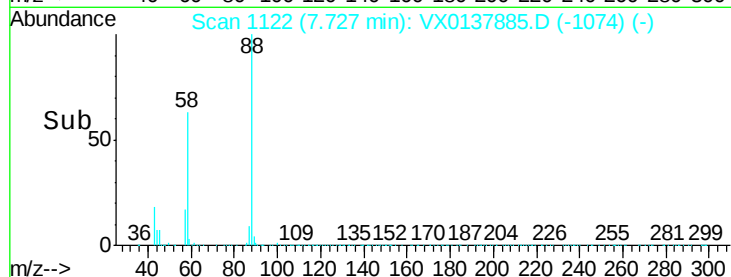
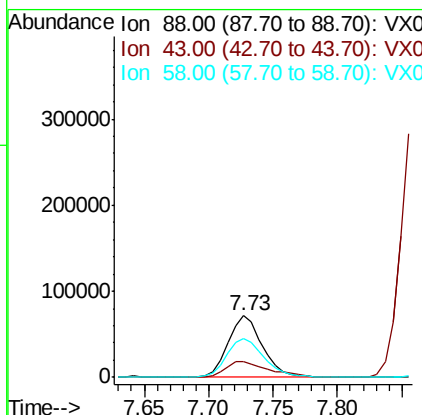
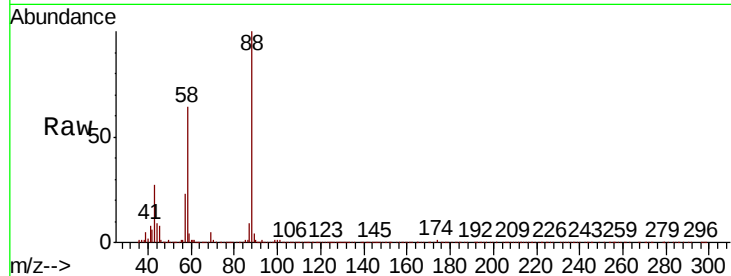
#49  
1,4-Dioxane  
Concen: 811.058 ug/l  
RT: 7.73 min Scan# 1122  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.9  | 25.8  | 38.6  |
| 58      | 70.1  | 54.6  | 82.0  |

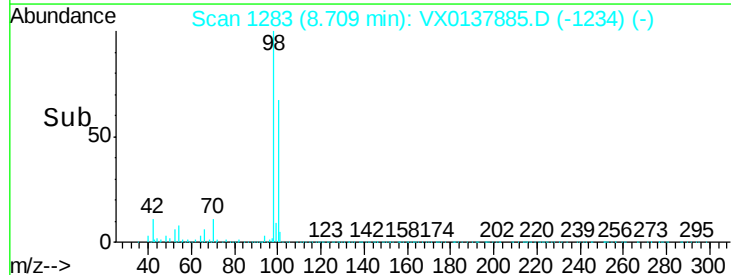
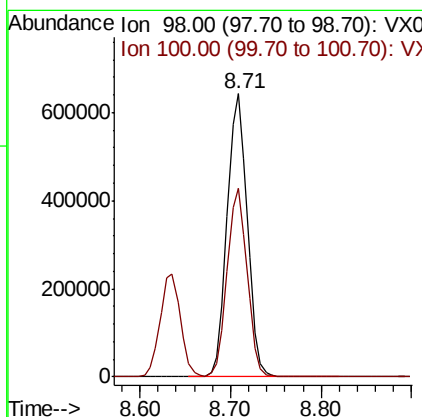
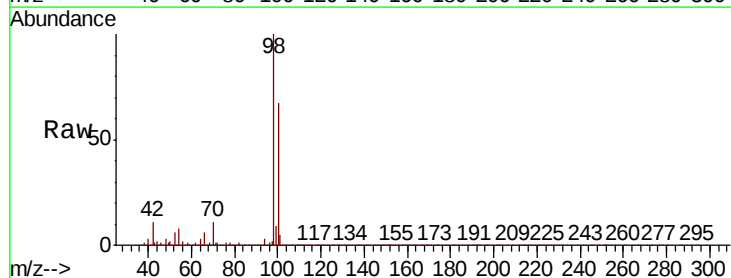
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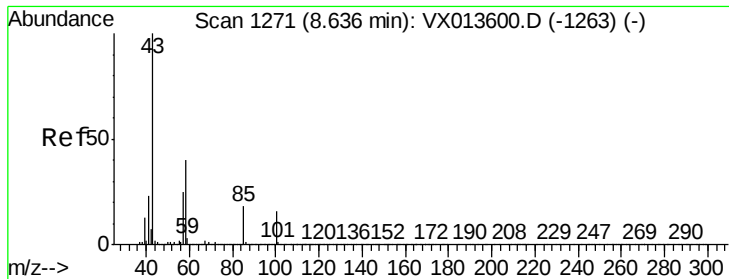
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#50  
Toluene-d8  
Concen: 46.592 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.1  | 53.1  | 79.7  |





#51

4-Methyl-2-Pentanone

Concen: 239.764 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA\_X

ClientSampled :

Tot Ion: 43 Resp: 2243309

Ion Ratio Lower Upper

43 100

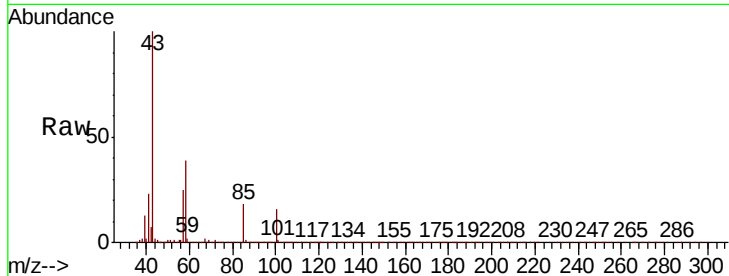
58 39.6 32.1 48.1

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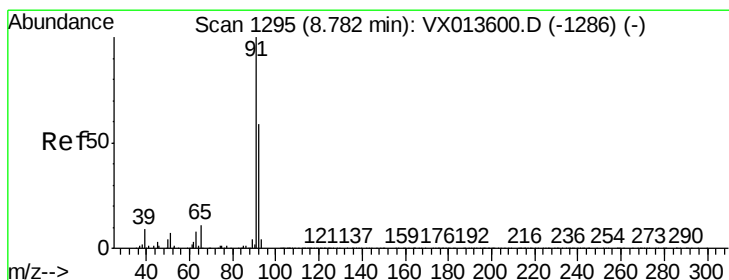
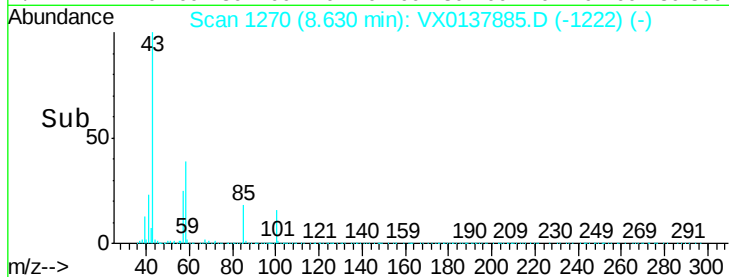
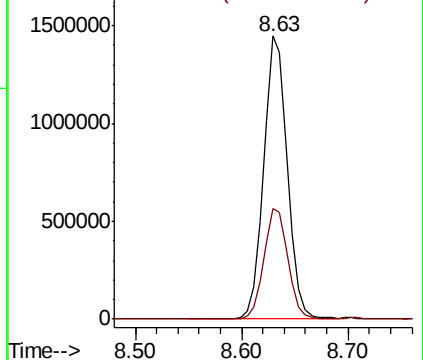
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.517 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX0137885.D

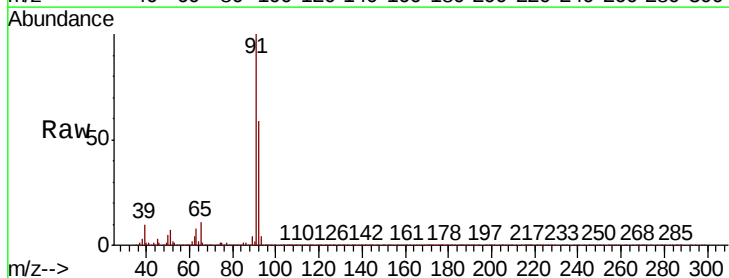
Acq: 10 Dec 2019 09:12

Tgt Ion: 92 Resp: 739307

Ion Ratio Lower Upper

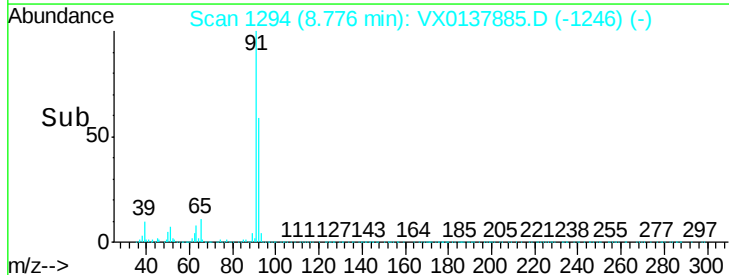
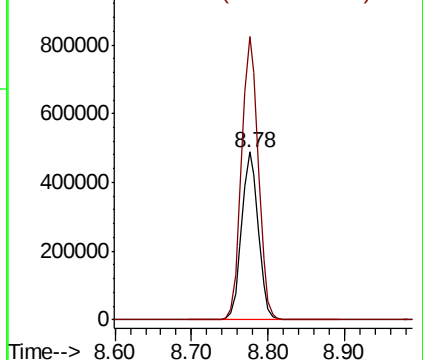
92 100

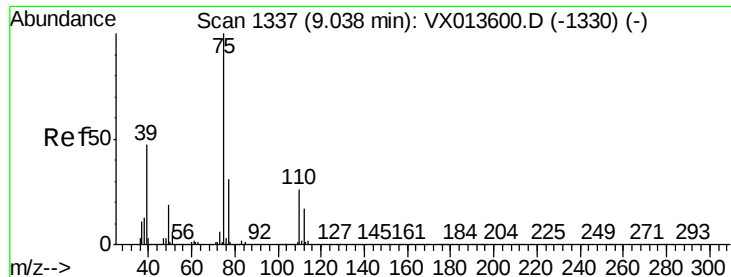
91 170.1 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





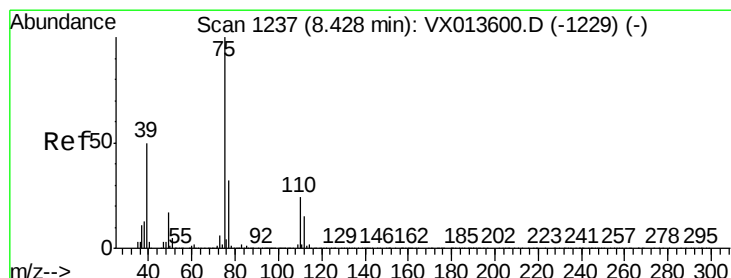
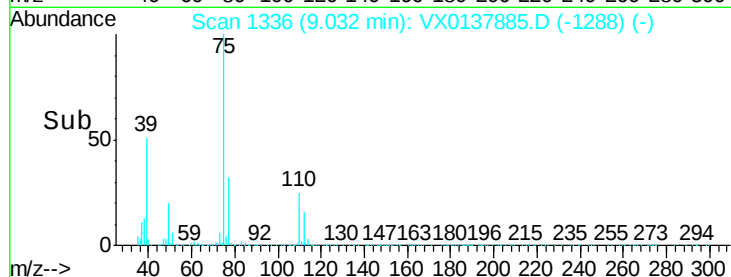
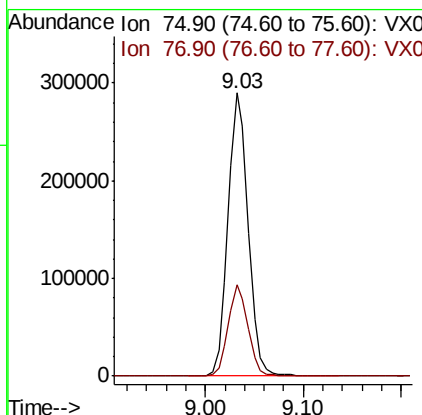
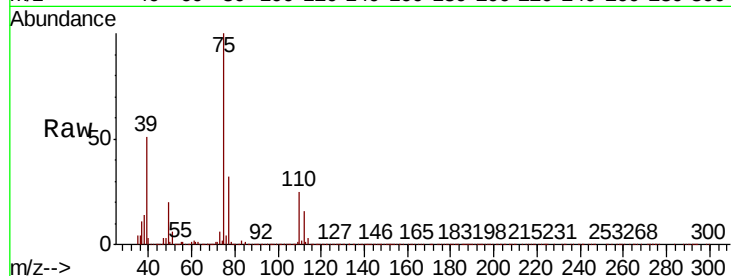
#53  
t-1,3-Dichloropropene  
Concen: 45.982 ug/l  
RT: 9.03 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 75 Resp: 412406  
Ion Ratio Lower Upper  
75 100  
77 32.0 24.4 36.6

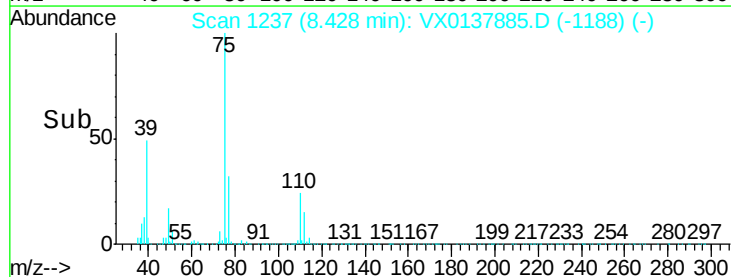
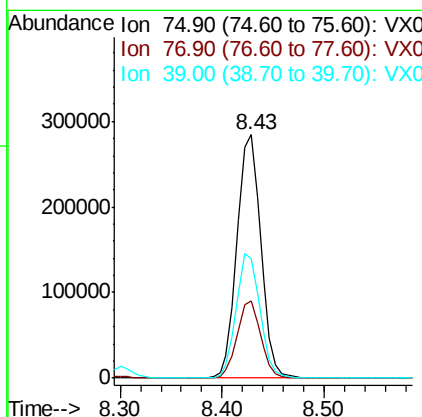
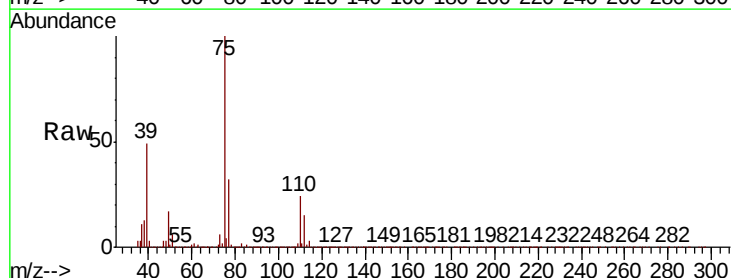
Manual Integrations  
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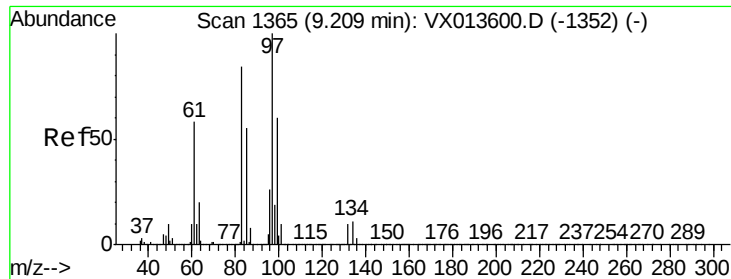
apatel  
12/10/2019 1:23:01 PM



#54  
cis-1,3-Dichloropropene  
Concen: 46.830 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Tgt Ion: 75 Resp: 458874  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.8 38.6  
39 49.0 39.9 59.9





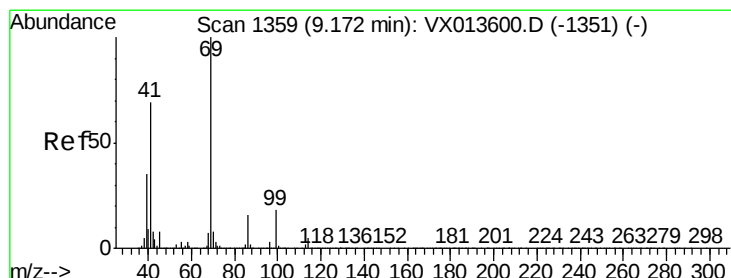
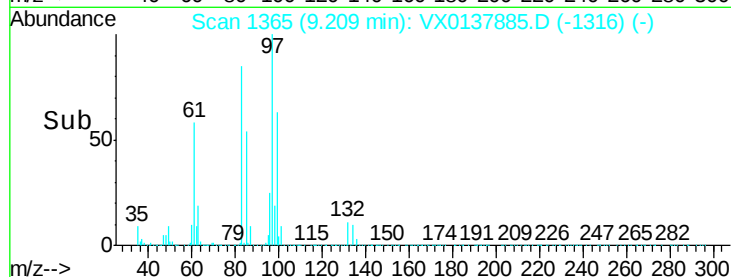
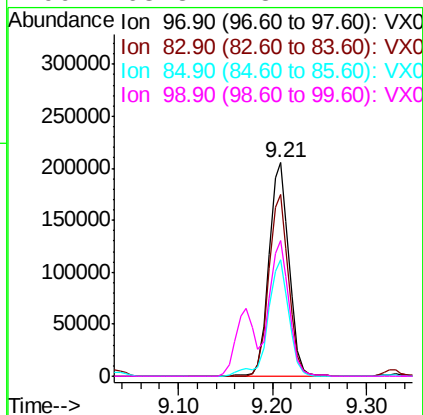
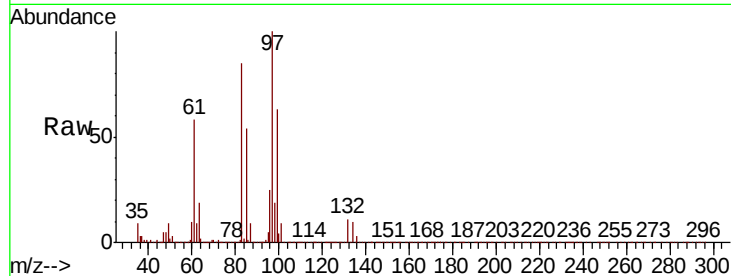
#55  
 1,1,2-Trichloroethane  
 Concen: 50.047 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: VX0137885.D  
 Acq: 10 Dec 2019 09:12

Instrument :  
 MSVOA\_X  
 ClientSampled :

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 307324 |       |       |
| 83      | 84.8 | 67.3  | 100.9  |       |       |
| 85      | 54.4 | 43.6  | 65.4   |       |       |
| 99      | 63.3 | 48.2  | 72.4   |       |       |

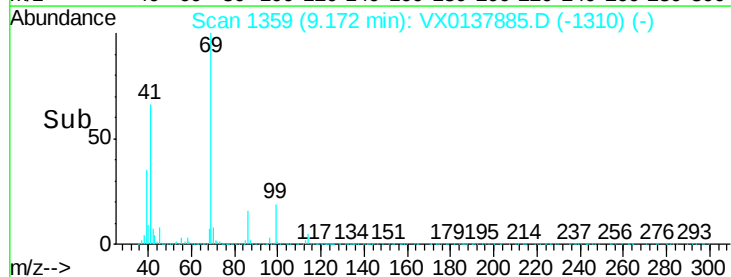
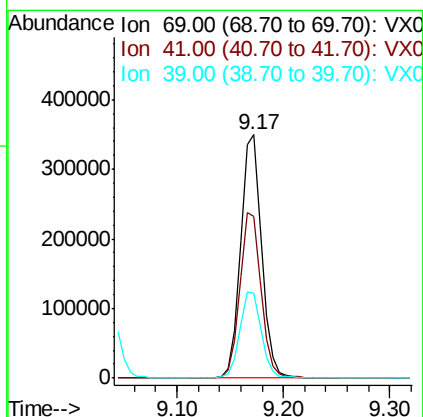
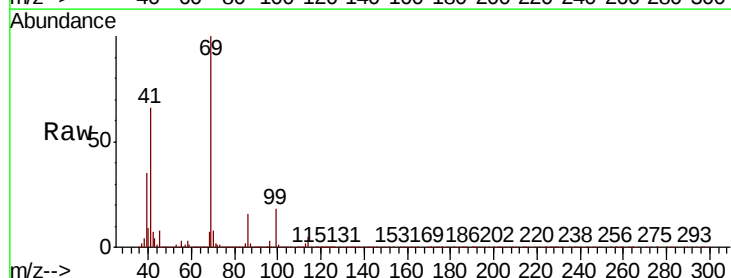
Manual Integrations  
 APPROVED

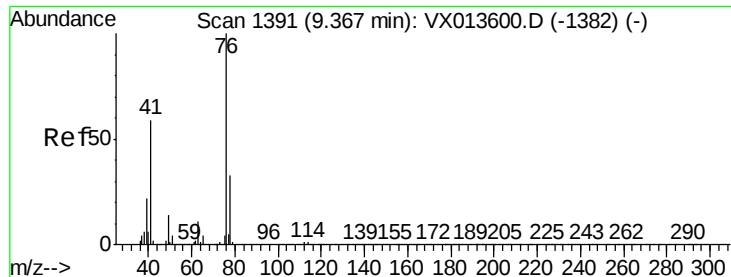
apatel  
 12/10/2019 1:23:01 PM



#56  
 Ethyl methacrylate  
 Concen: 49.090 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. -0.00 min  
 Lab File: VX0137885.D  
 Acq: 10 Dec 2019 09:12

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 484650 |       |       |
| 41      | 68.2 | 55.0  | 82.4   |       |       |
| 39      | 36.1 | 28.7  | 43.1   |       |       |





#57

1,3-Dichloropropane

Concen: 48.564 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

Instrument :

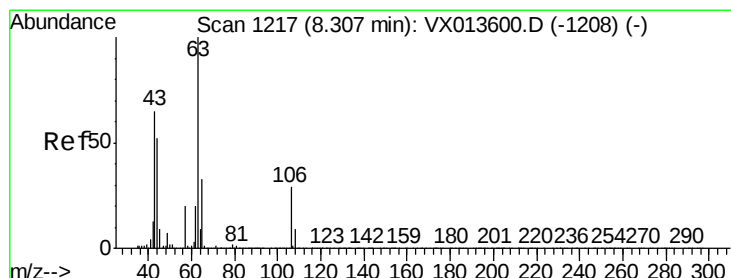
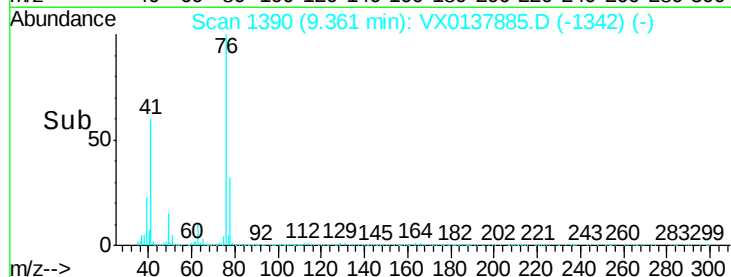
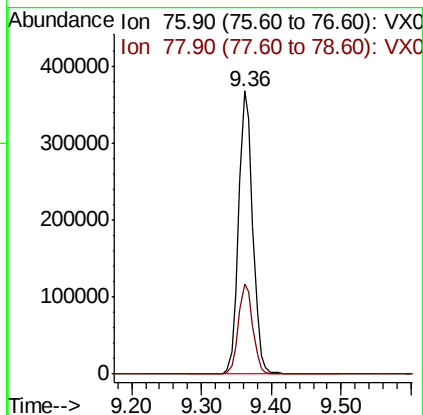
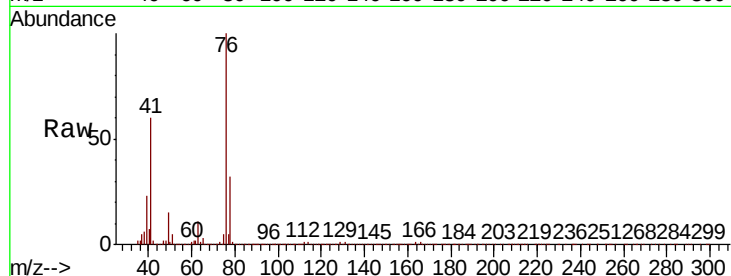
MSVOA\_X

ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.4  | 26.0  | 39.0  |

Manual Integrations  
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#58

2-Chloroethyl Vinyl ether

Concen: 242.781 ug/l

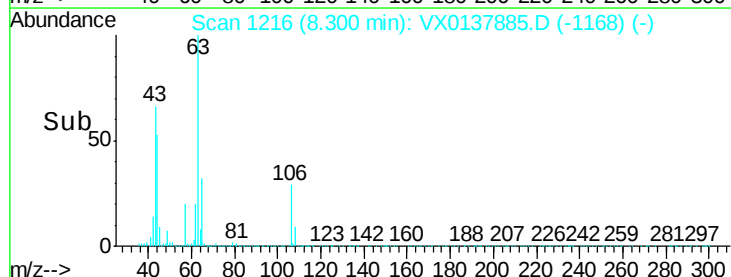
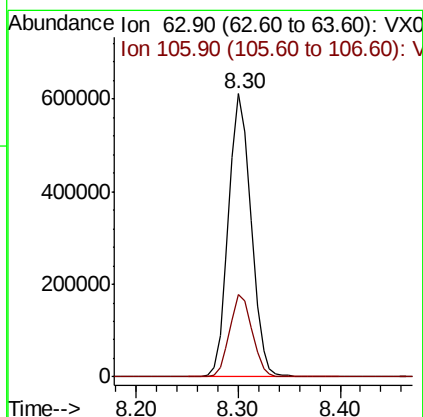
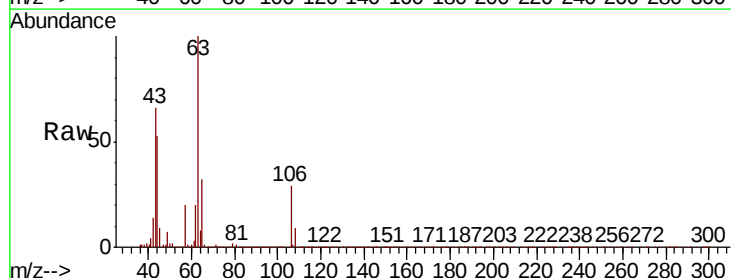
RT: 8.30 min Scan# 1216

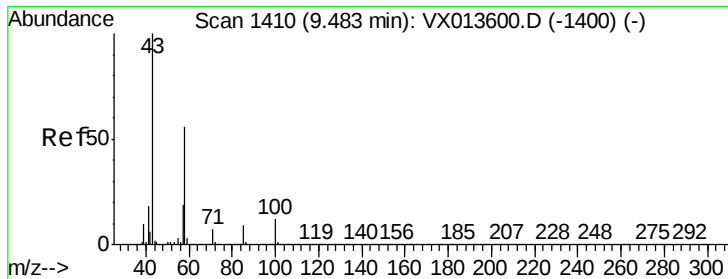
Delta R.T. -0.01 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 29.0  | 23.4  | 35.0  |





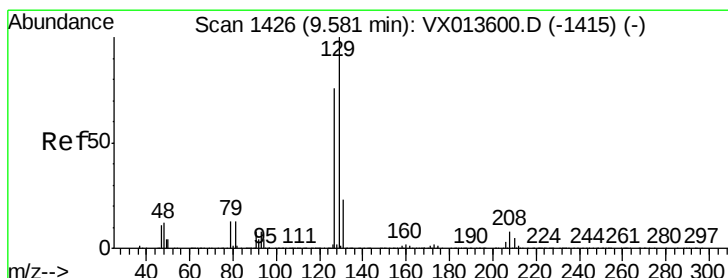
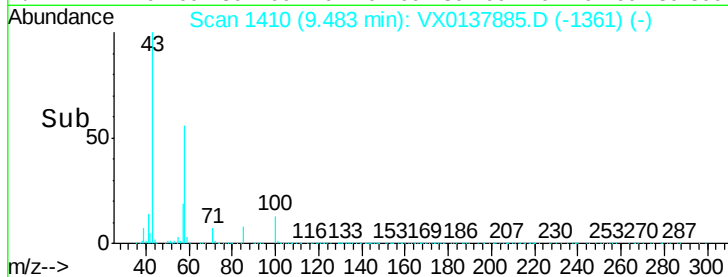
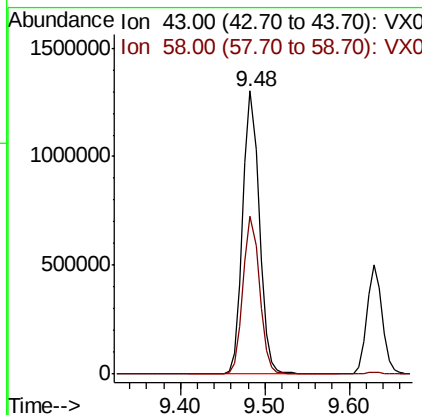
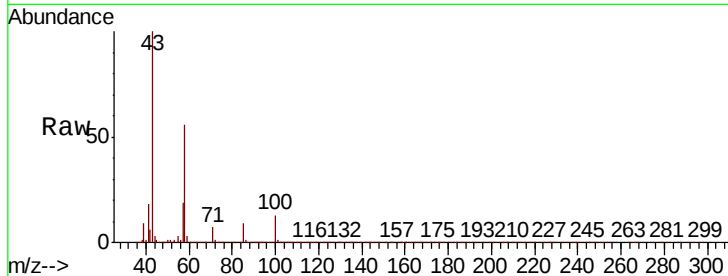
#59  
2-Hexanone  
Concen: 233.035 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 43 Resp: 1700509  
Ion Ratio Lower Upper  
43 100  
58 55.2 28.1 84.4

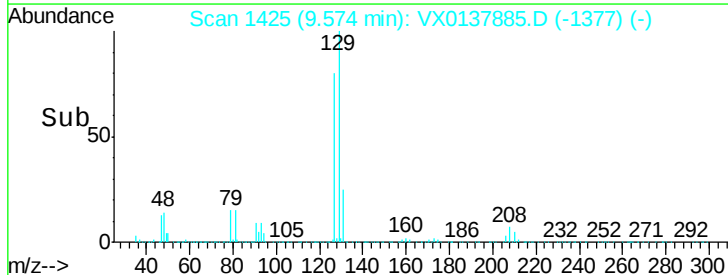
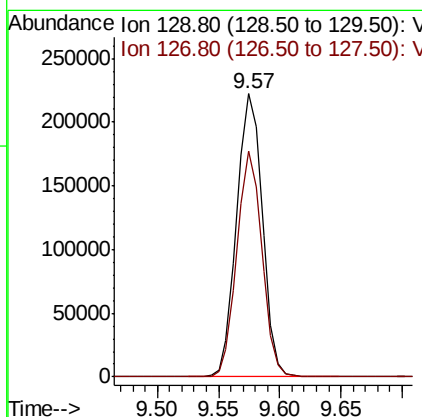
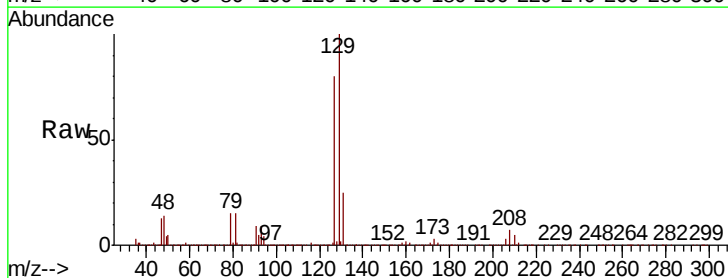
Manual Integrations  
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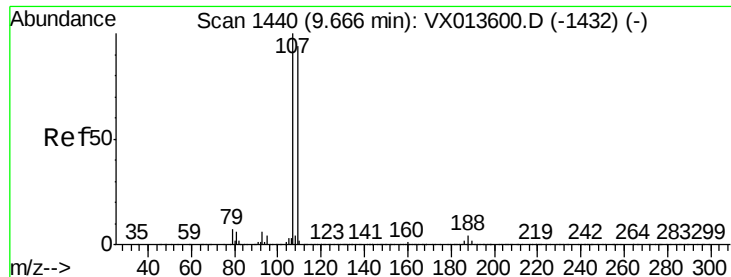
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#60  
Dibromochloromethane  
Concen: 50.844 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Tgt Ion: 129 Resp: 324015  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.5 115.5





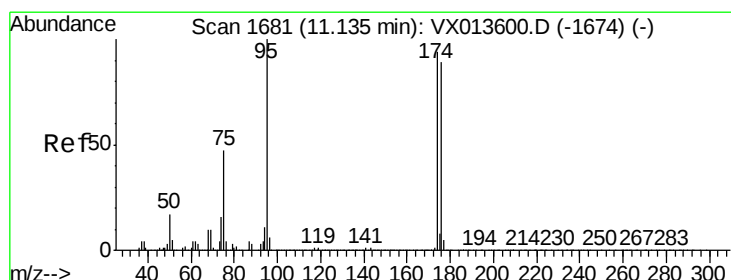
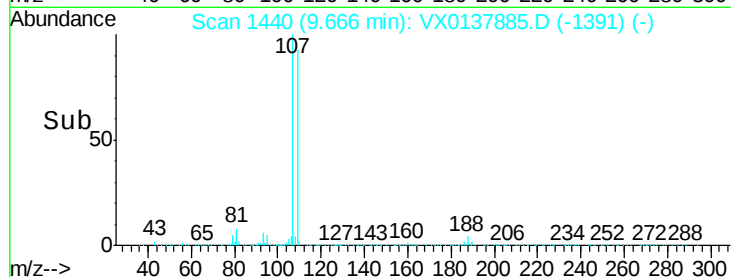
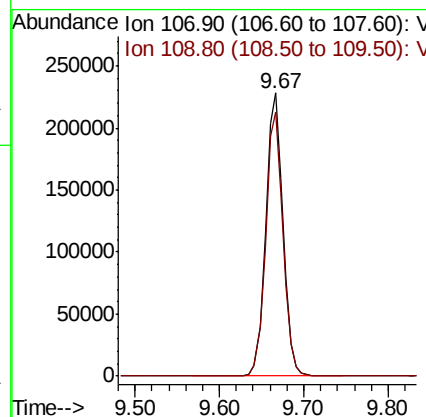
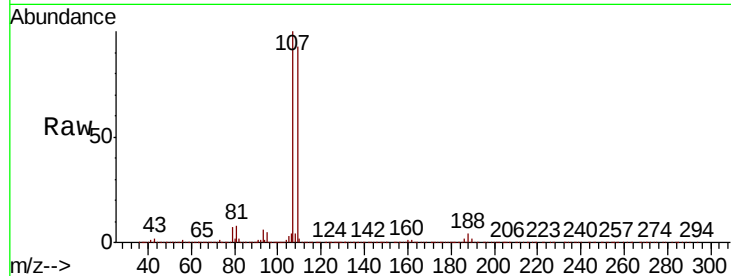
#61  
 1,2-Dibromoethane  
 Concen: 48.620 ug/l  
 RT: 9.67 min Scan# 1440  
 Delta R.T. -0.00 min  
 Lab File: VX0137885.D  
 Acq: 10 Dec 2019 09:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 318875 |       |       |
| 109     | 93.9  | 76.1   | 114.1 |       |

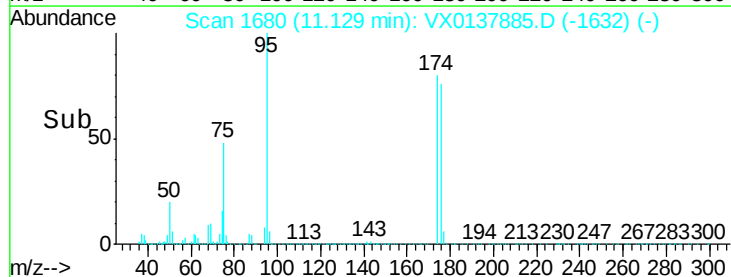
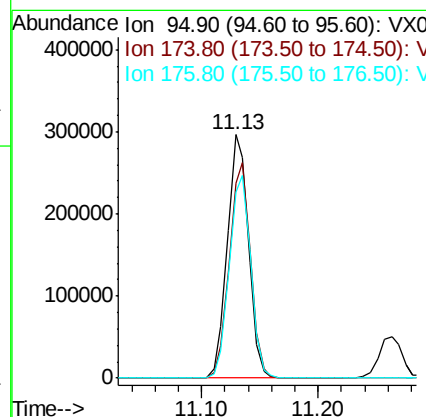
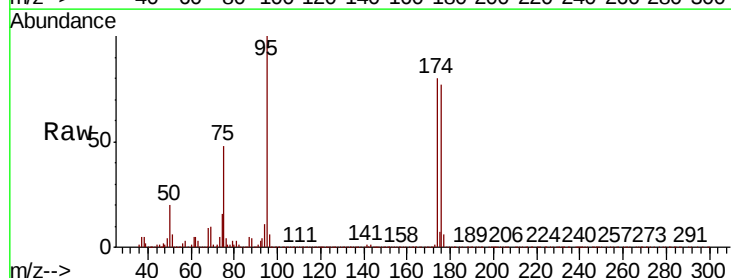
Manual Integrations  
 APPROVED

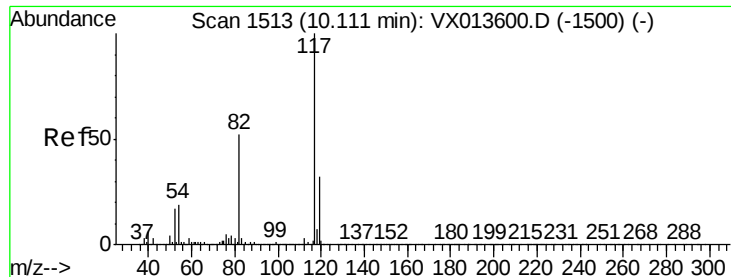
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#62  
 4-Bromofluorobenzene  
 Concen: 48.238 ug/l  
 RT: 11.13 min Scan# 1680  
 Delta R.T. -0.01 min  
 Lab File: VX0137885.D  
 Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 371716 |       |       |
| 174     | 88.9  | 0.0    | 180.0 |       |
| 176     | 84.9  | 0.0    | 173.6 |       |





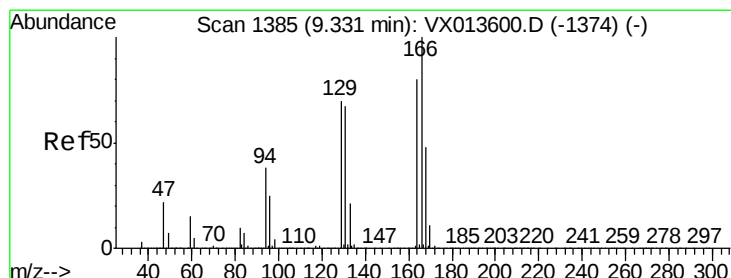
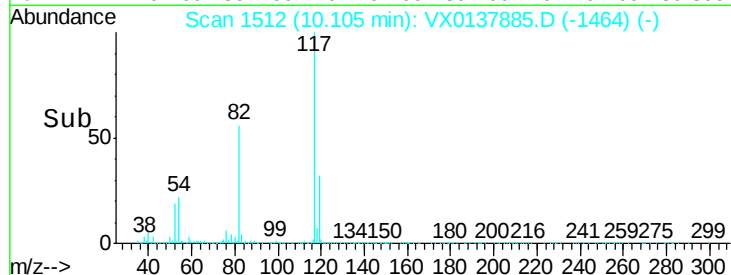
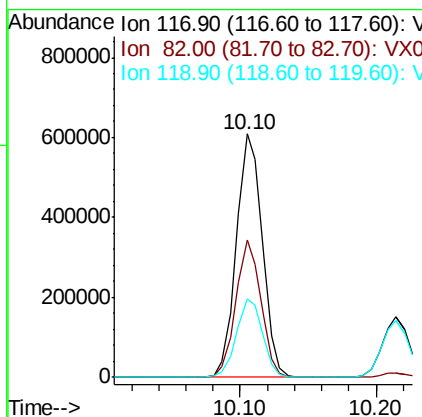
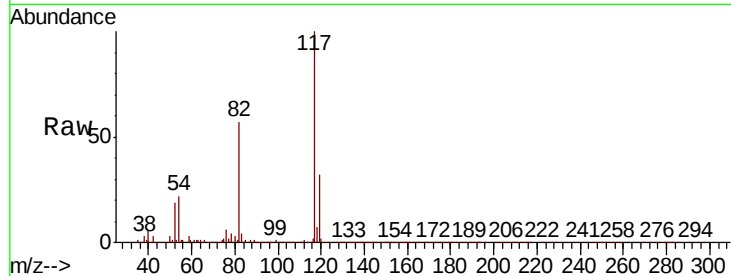
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 808170 |       |       |
| 82      | 56.5  |        | 41.8  | 62.8  |
| 119     | 32.2  |        | 25.8  | 38.8  |

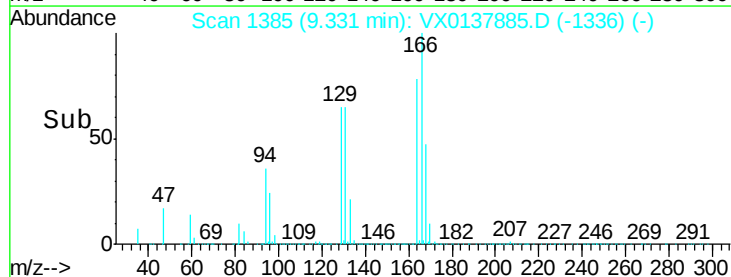
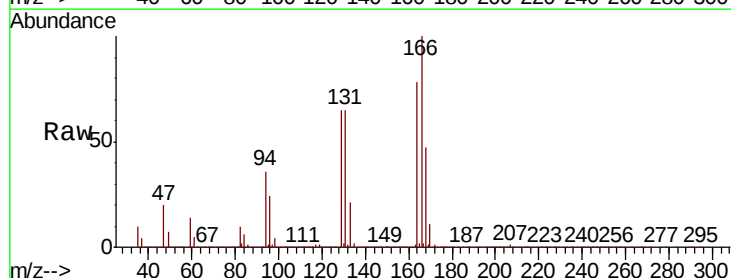
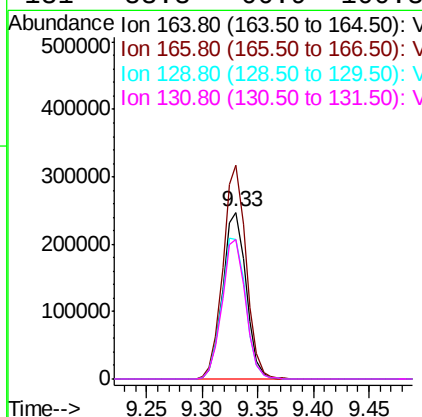
Manual Integrations  
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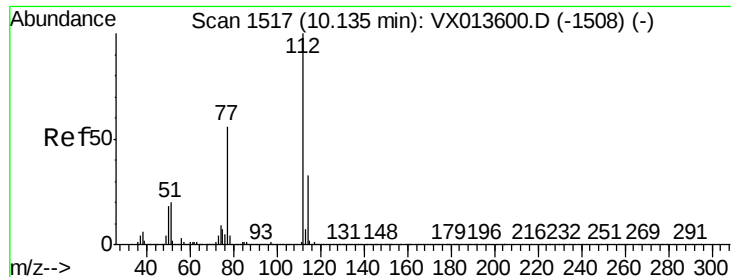
apatel  
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#64  
Tetrachloroethene  
Concen: 59.710 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 359860 |       |       |
| 166     | 127.9 |        | 99.7  | 149.5 |
| 129     | 83.4  |        | 70.1  | 105.1 |
| 131     | 83.3  |        | 66.9  | 100.3 |





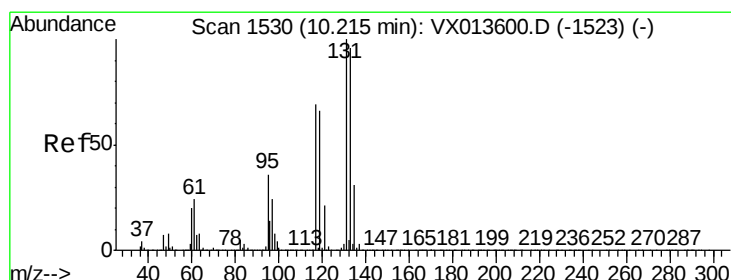
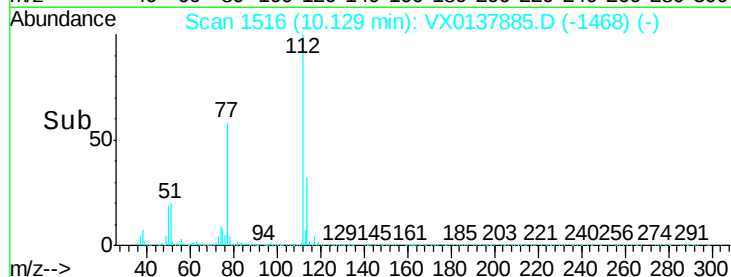
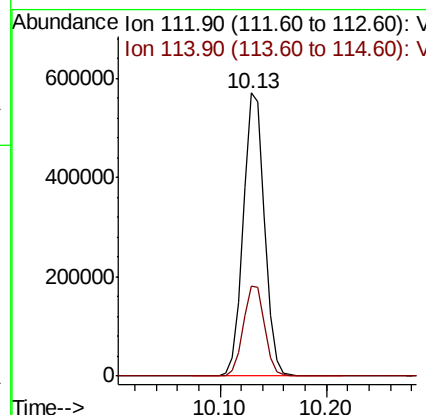
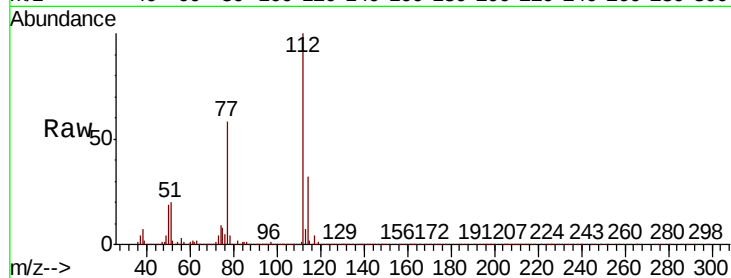
#65  
Chlorobenzene  
Concen: 47.570 ug/l  
RT: 10.13 min Scan# 1516  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 798185 |       |       |
| 114     | 32.0  | 26.1   | 39.1  |       |

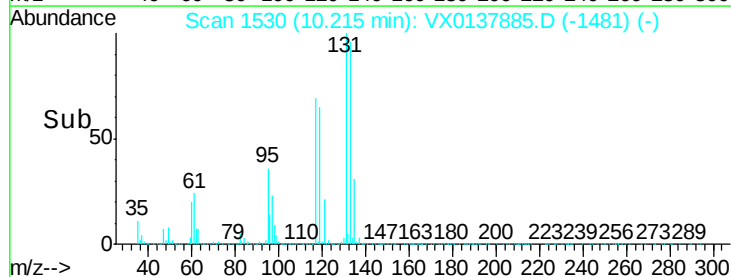
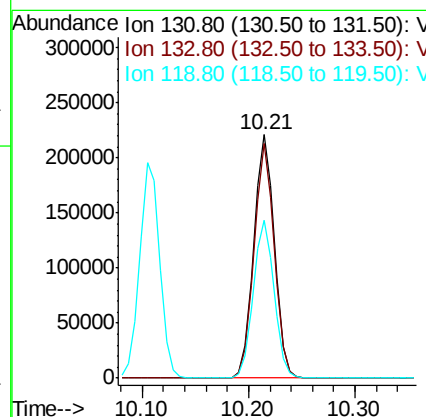
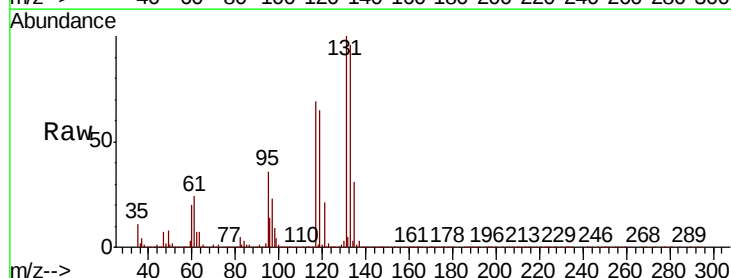
Manual Integrations  
APPROVED

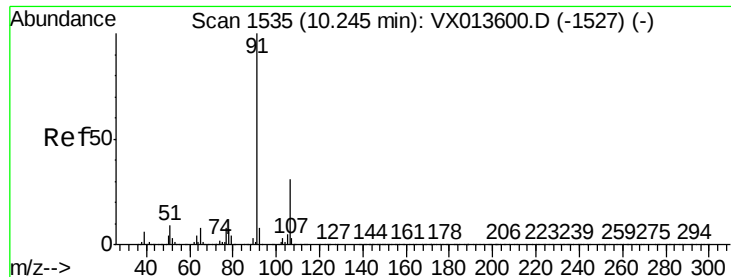
apatel  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.011 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 131     | 100   | 301329 |       |       |
| 133     | 94.6  | 47.7   | 143.1 |       |
| 119     | 65.5  | 32.9   | 98.6  |       |





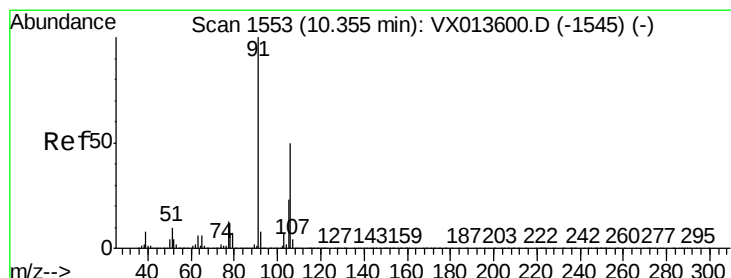
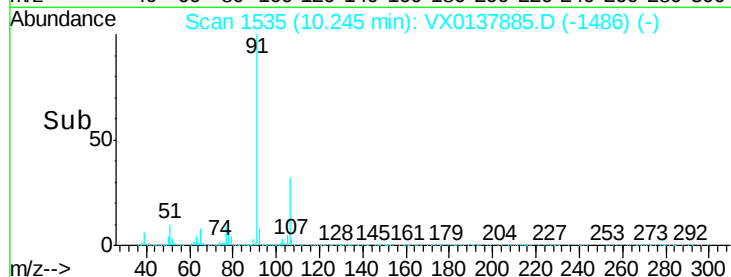
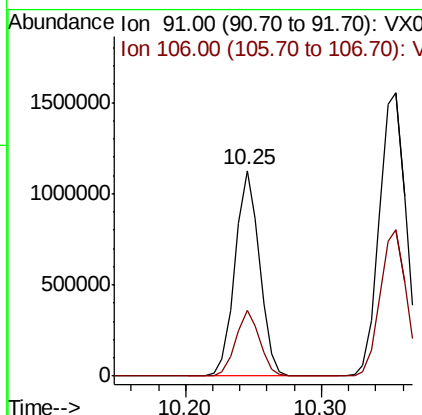
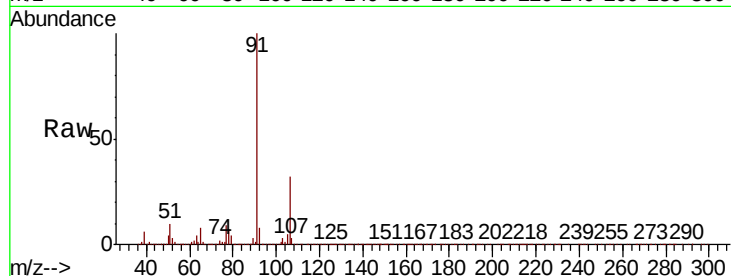
#67  
Ethyl Benzene  
Concen: 48.866 ug/l  
RT: 10.25 min Scan# 1535  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 91 Resp: 1408971  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.5 36.7

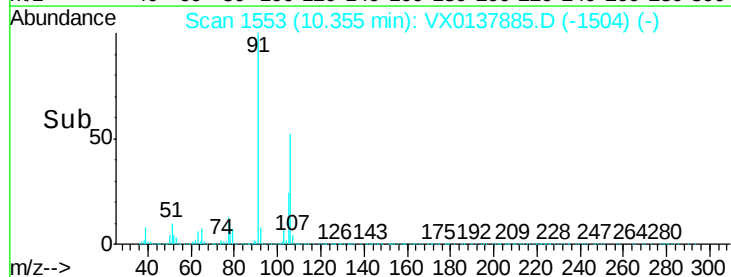
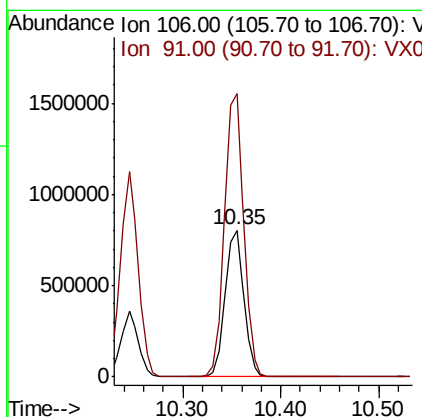
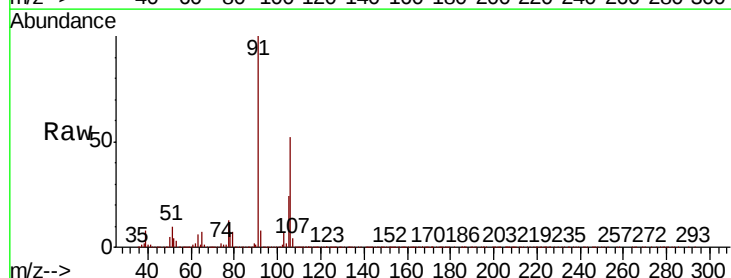
Manual Integrations  
APPROVED

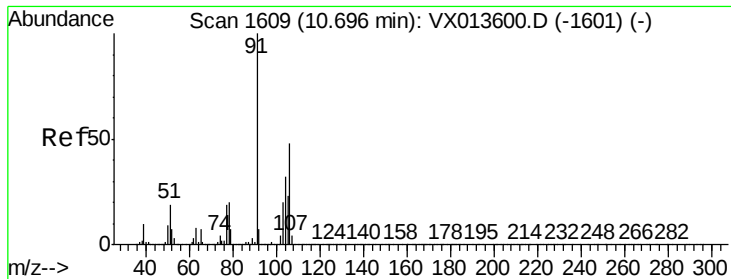
apatel  
12/10/2019 1:23:01 PM



#68  
m/p-Xylenes  
Concen: 96.956 ug/l  
RT: 10.35 min Scan# 1553  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Tgt Ion: 106 Resp: 1070292  
Ion Ratio Lower Upper  
106 100  
91 197.7 159.0 238.4





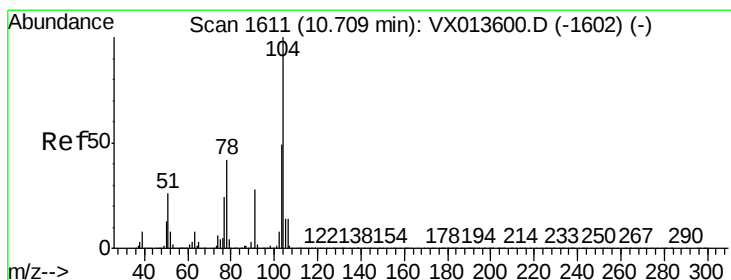
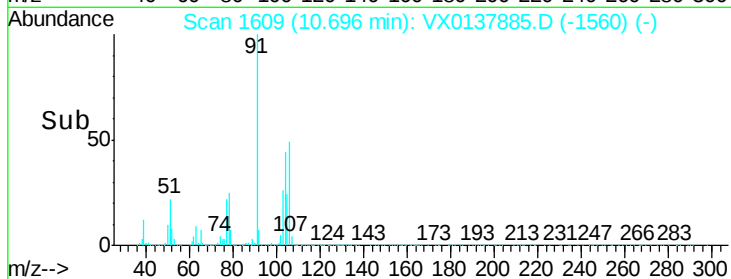
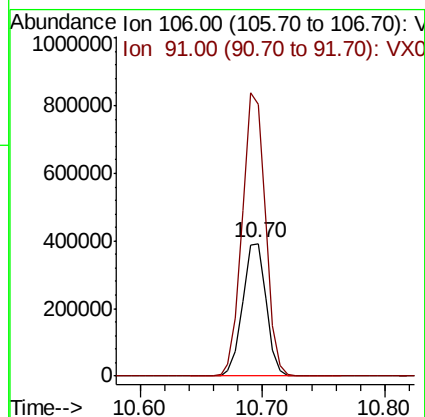
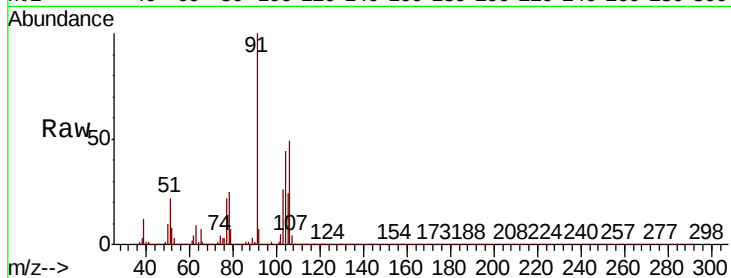
#69  
o-Xylene  
Concen: 48.364 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 209.8 | 104.1 | 312.2 |

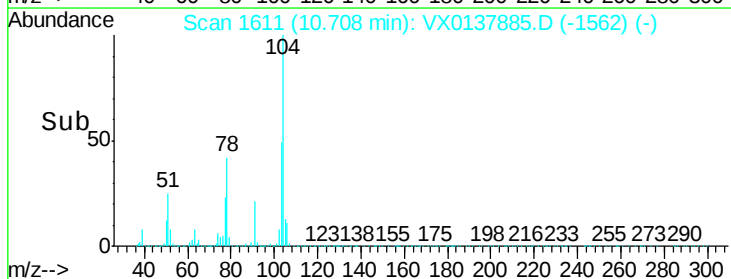
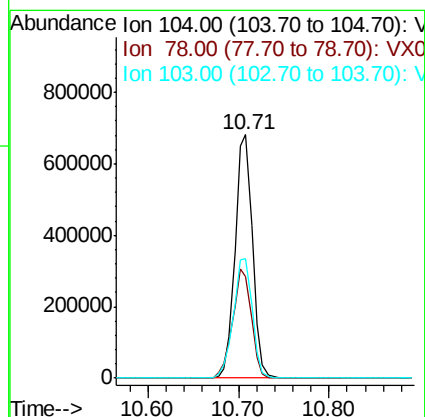
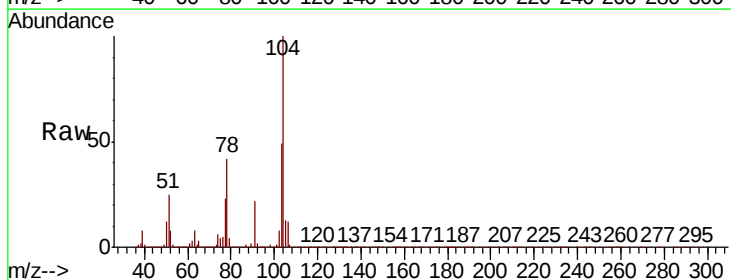
Manual Integrations  
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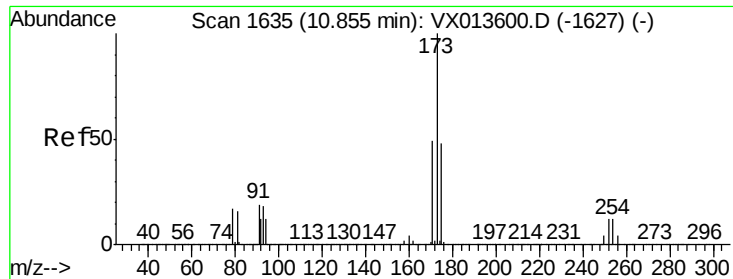
apatel  
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#70  
Styrene  
Concen: 49.948 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.4  | 38.5  | 57.7  |
| 103     | 53.9  | 43.7  | 65.5  |





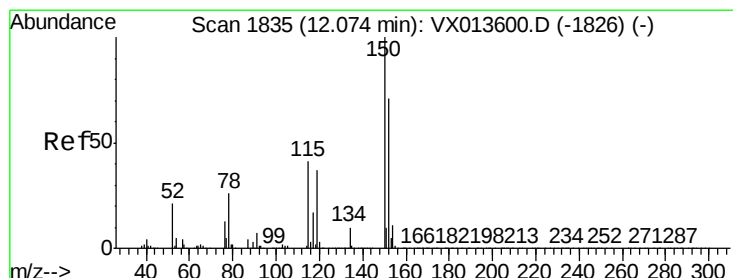
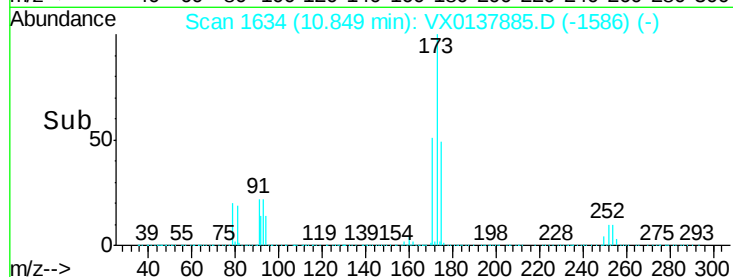
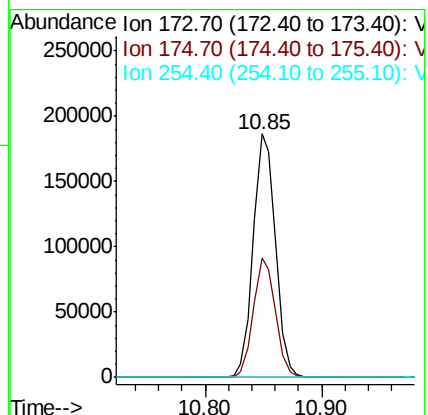
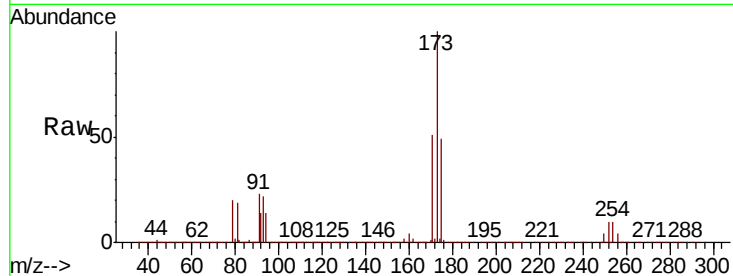
#71  
Bromoform  
Concen: 50.047 ug/l  
RT: 10.85 min Scan# 1634  
Delta R.T. -0.01 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.5  | 24.3  | 72.8  |
| 254     | 0.1   | 0.2   | 0.4   |

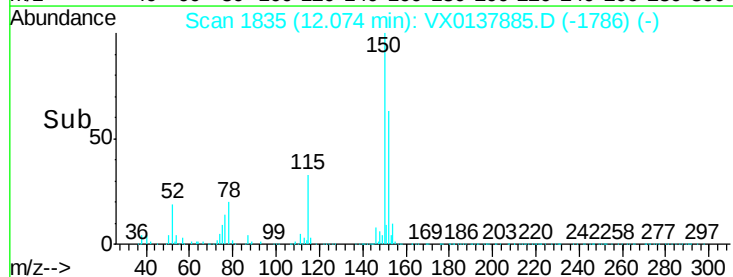
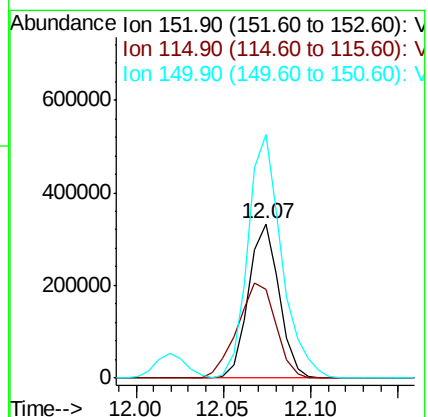
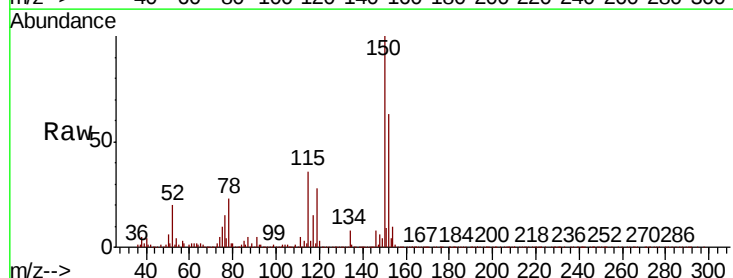
Manual Integrations  
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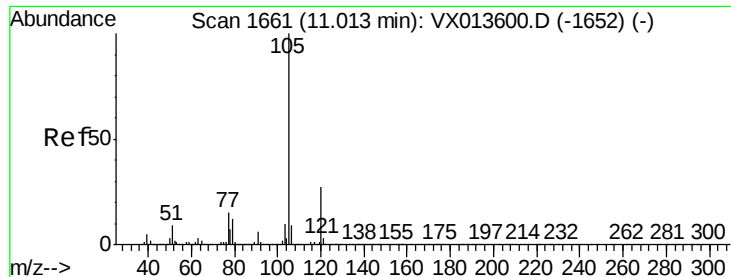
apatel  
12/10/2019 1:23:01 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 77.1  | 38.4  | 115.1 |
| 150     | 174.3 | 0.0   | 346.8 |





#73

Isopropylbenzene

Concen: 48.975 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 105 Resp: 1384557

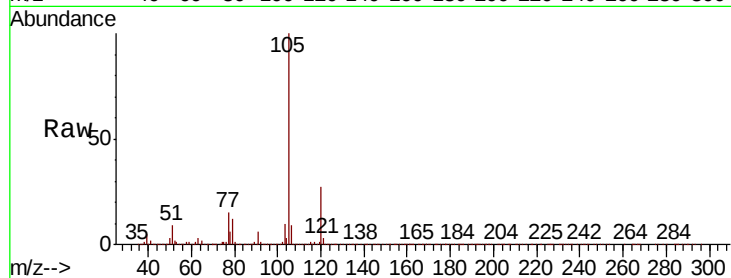
Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5

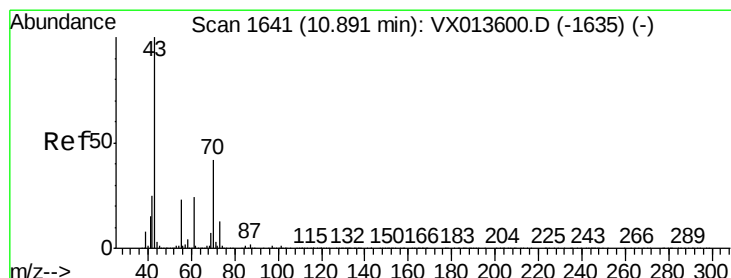
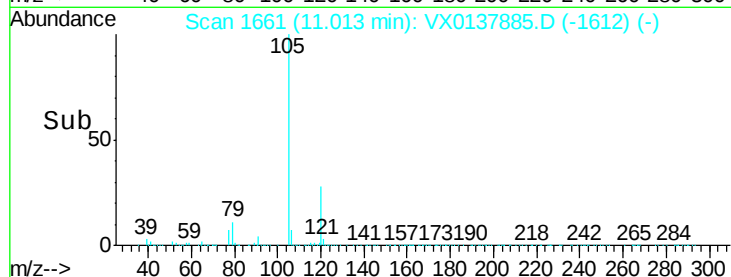
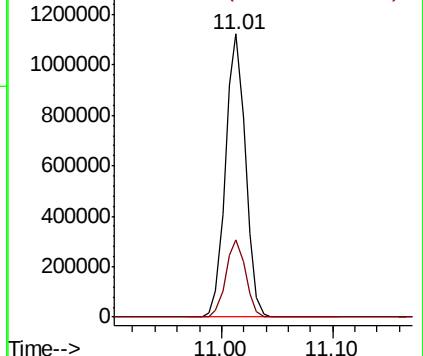
Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.598 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

Tgt Ion: 43 Resp: 642311

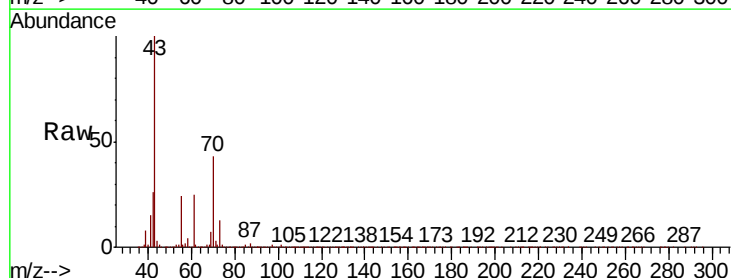
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 23.7 18.5 27.7

61 24.6 19.8 29.8

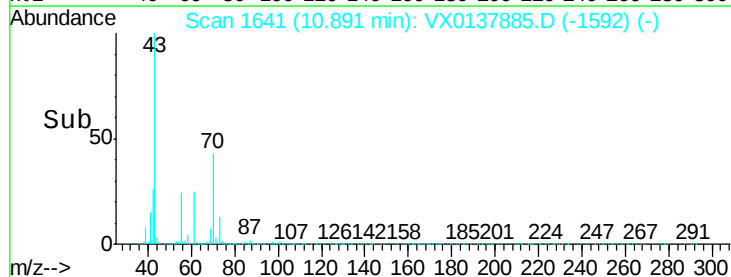
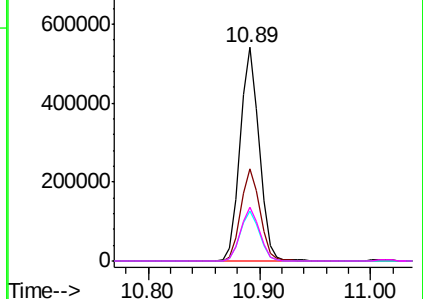


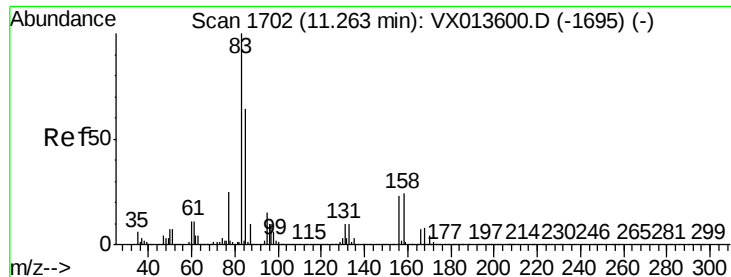
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.257 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

Instrument :

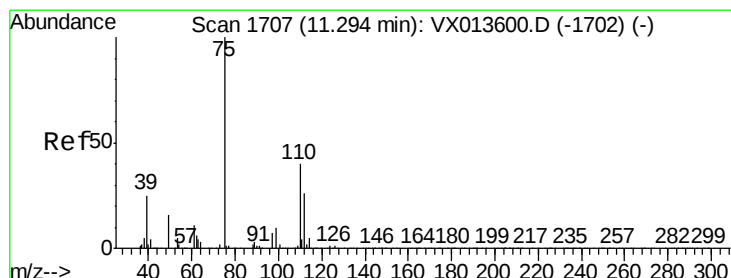
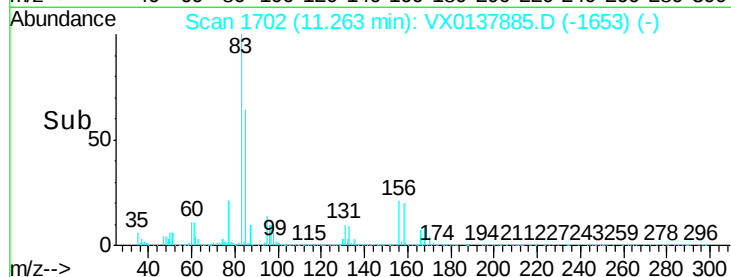
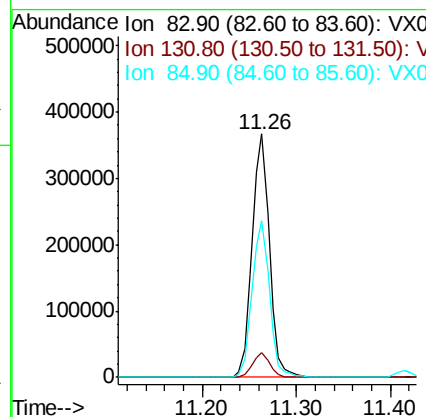
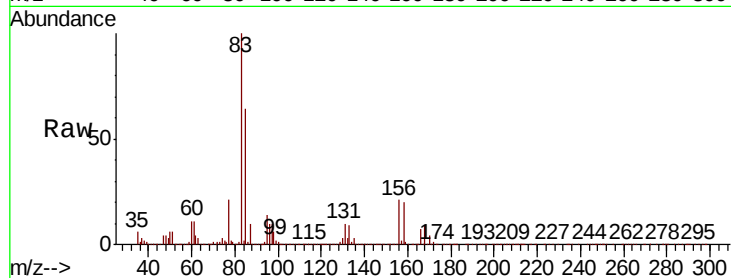
MSVOA\_X

ClientSampled :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 473118 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.1  | 5.1   | 15.3   |
| 85        | 64.6  | 31.8  | 95.3   |

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#76

1,2,3-Trichloropropane

Concen: 48.217 ug/l m

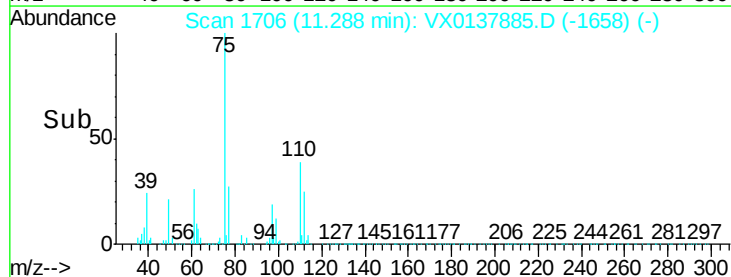
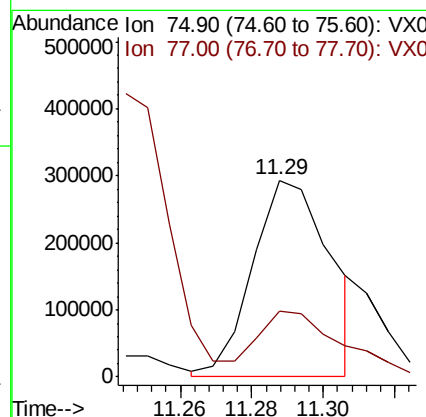
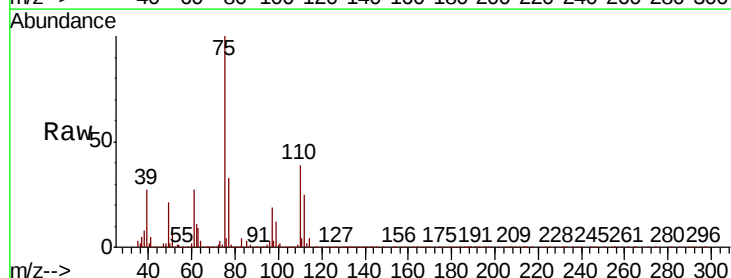
RT: 11.29 min Scan# 1706

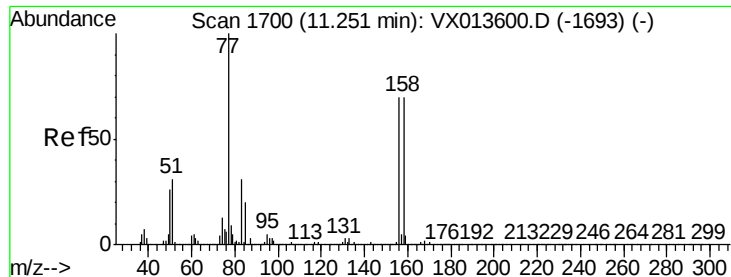
Delta R.T. -0.01 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 437075 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 37.8  | 19.1  | 57.5   |





#77

Bromobenzene

Concen: 47.504 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

Instrument :

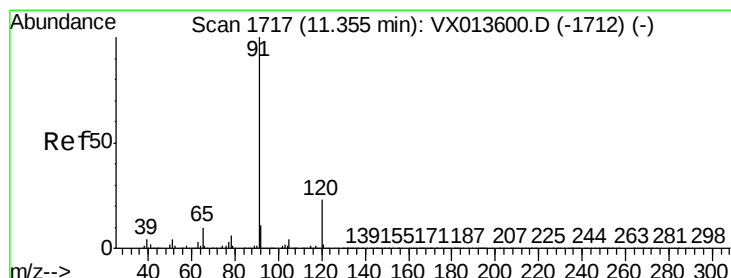
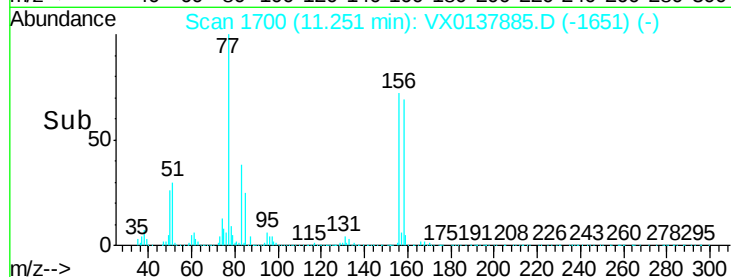
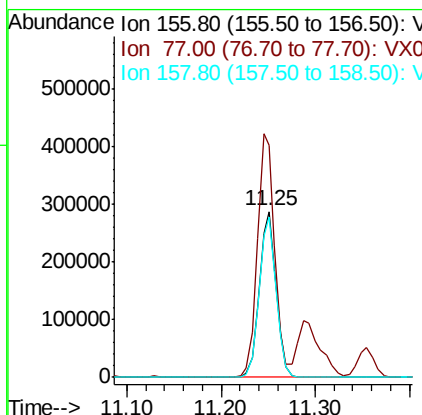
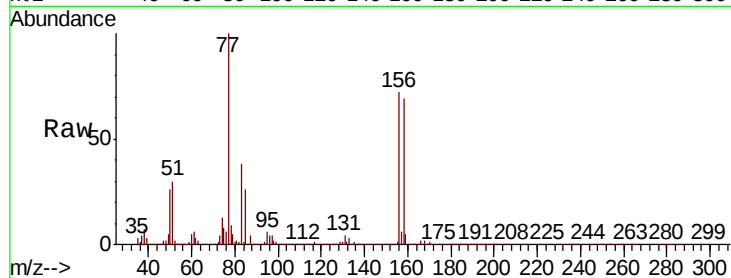
MSVOA\_X

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 362806 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 150.1 | 74.4  | 223.1  |
| 158       | 97.7  | 48.9  | 146.6  |

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#78

n-propylbenzene

Concen: 49.721 ug/l

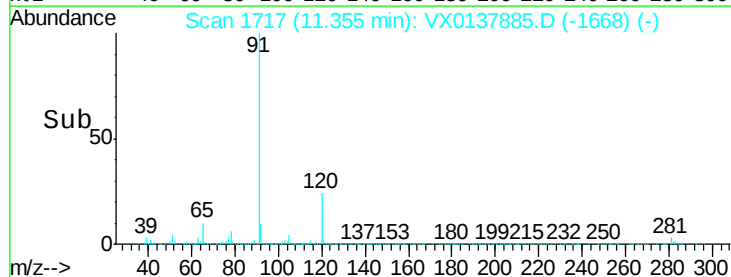
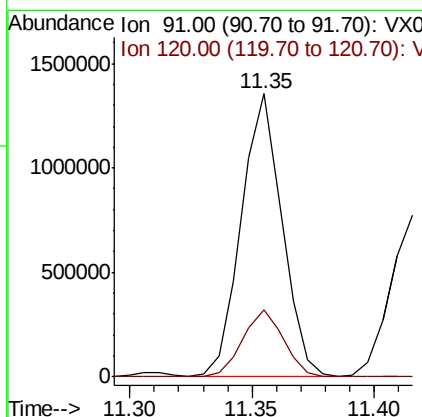
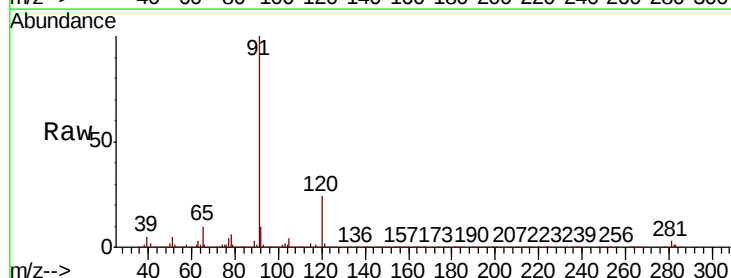
RT: 11.35 min Scan# 1717

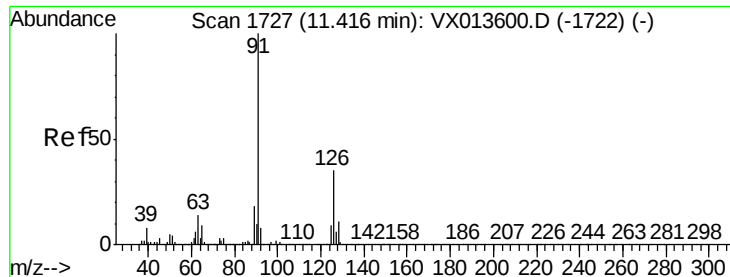
Delta R.T. -0.00 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1569121 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 23.7  | 11.8  | 35.3    |





#79

2-Chlorotoluene

Concen: 48.933 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA\_X

ClientSampled :

Tot Ion: 91 Resp: 926361

Ion Ratio Lower Upper

91 100

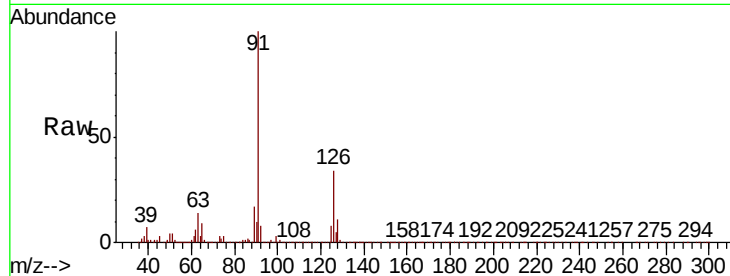
126 34.8 17.5 52.5

Manual Integrations

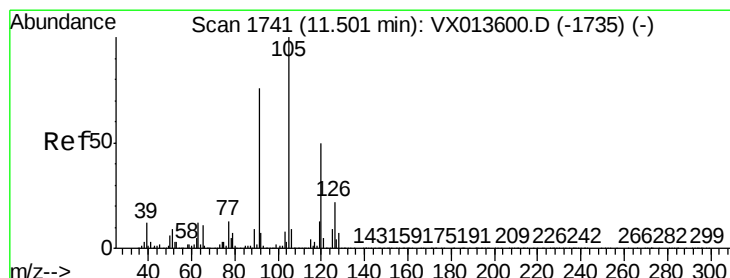
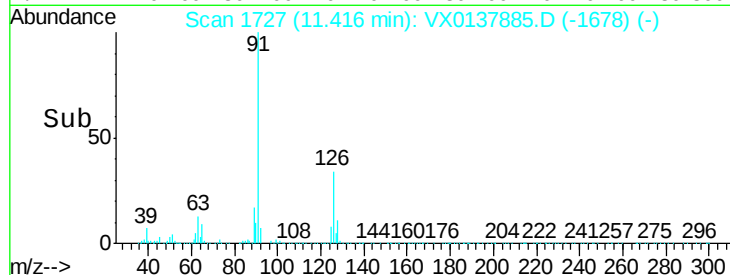
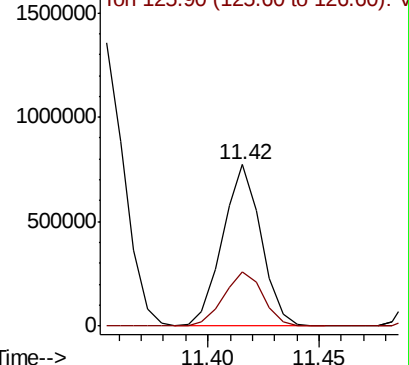
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Abundance Ion 91.00 (90.70 to 91.70): VX0137885.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.850 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX0137885.D

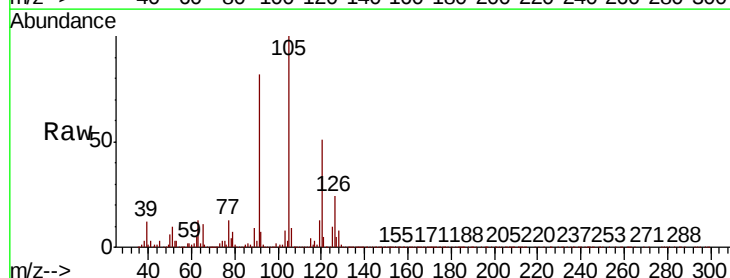
Acq: 10 Dec 2019 09:12

Tgt Ion: 105 Resp: 1155038

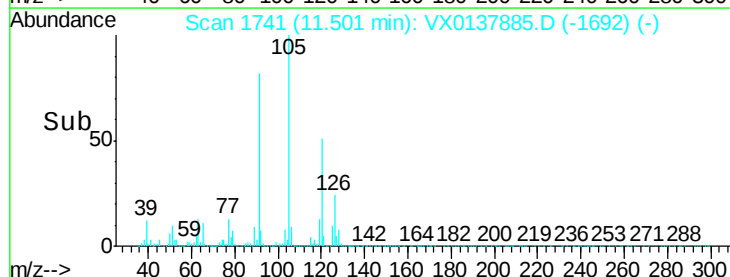
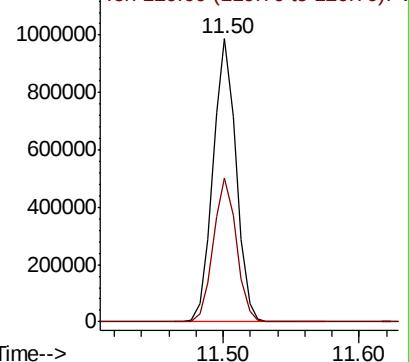
Ion Ratio Lower Upper

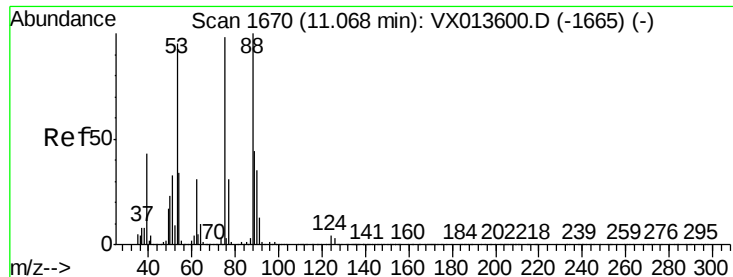
105 100

120 50.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX0137885.D (-1692) (-)





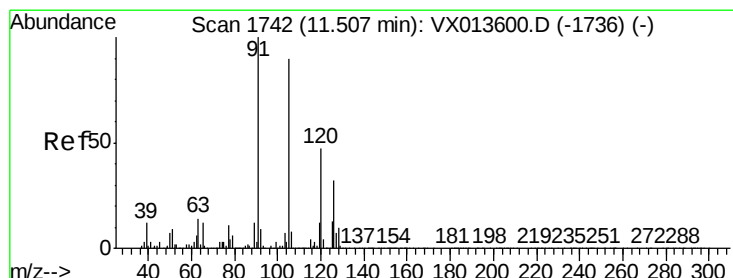
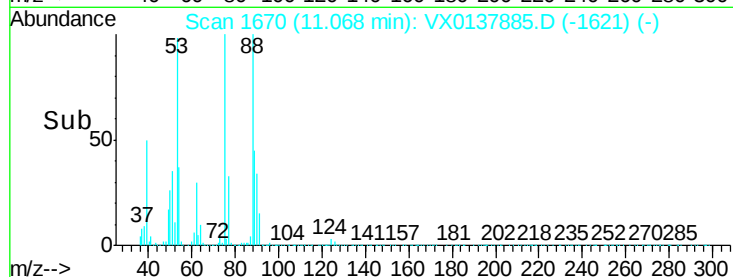
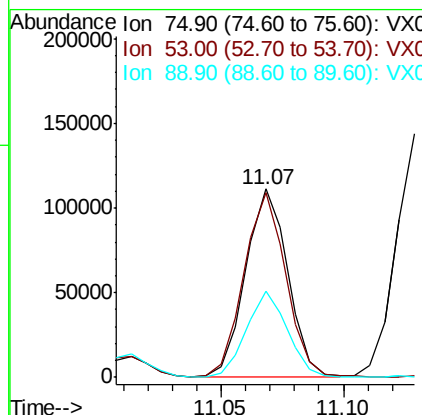
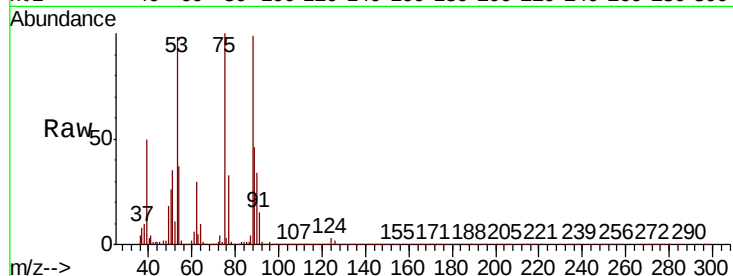
#81  
trans-1,4-Dichloro-2-butene  
Concen: 40.001 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 99.3  | 78.2  | 117.2 |
| 89      | 44.5  | 35.4  | 53.2  |

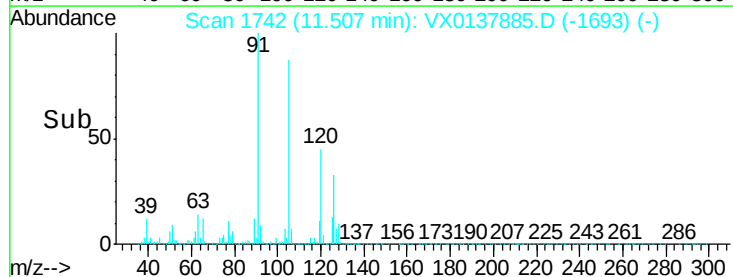
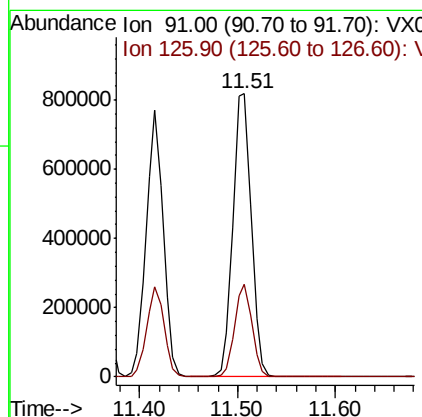
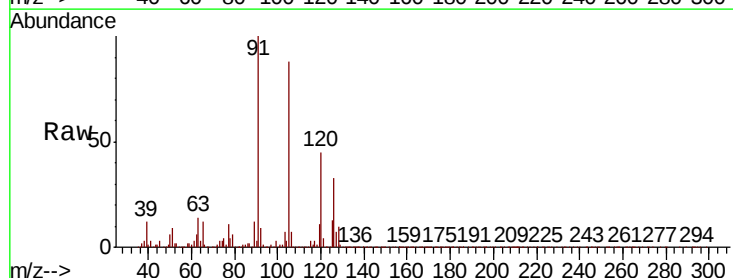
Manual Integrations  
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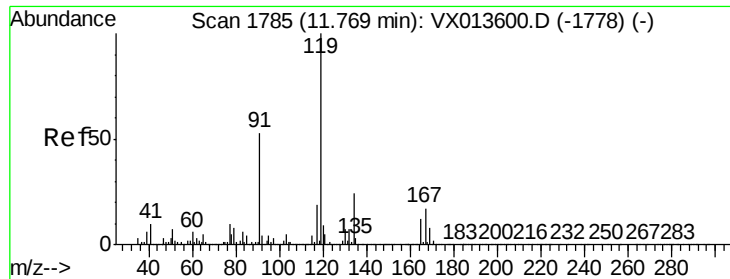
apatel  
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#82  
4-Chlorotoluene  
Concen: 48.892 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.8  | 15.7  | 47.0  |





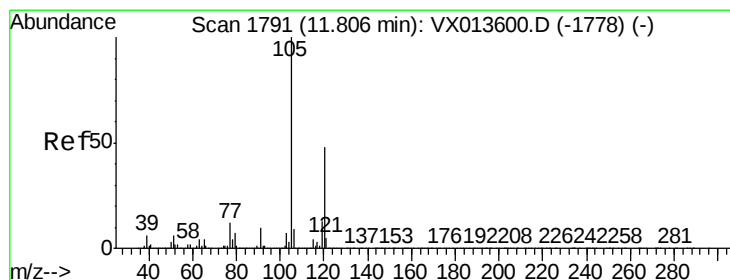
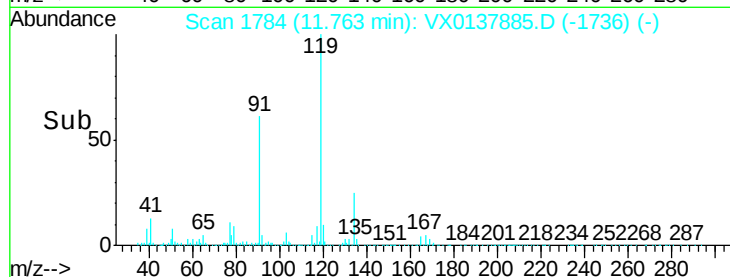
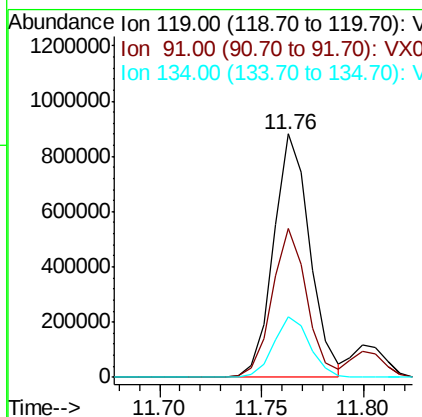
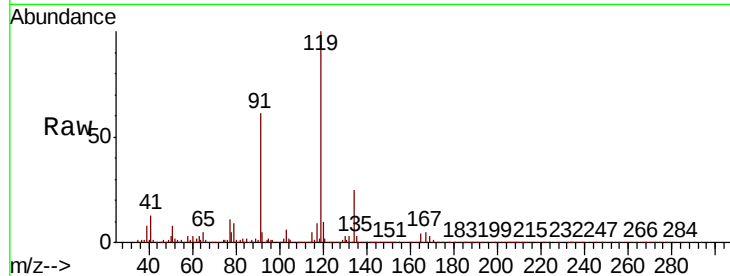
#83  
 tert-Butylbenzene  
 Concen: 46.431 ug/l  
 RT: 11.76 min Scan# 1784  
 Delta R.T. -0.01 min  
 Lab File: VX0137885.D  
 Acq: 10 Dec 2019 09:12

Instrument :  
 MSVOA\_X  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 58.4  | 27.2  | 81.6  |
| 134     | 24.6  | 11.7  | 35.1  |

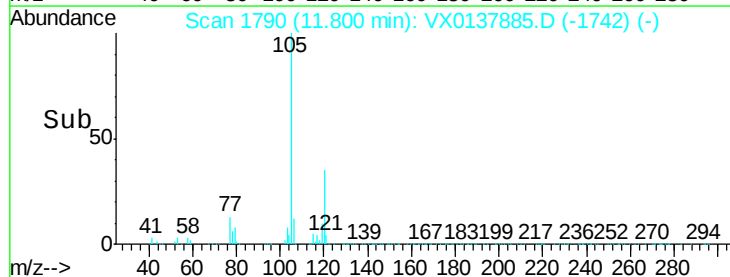
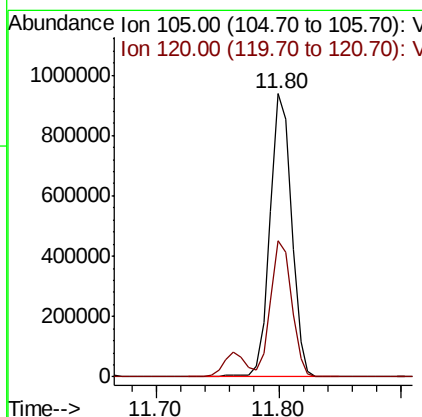
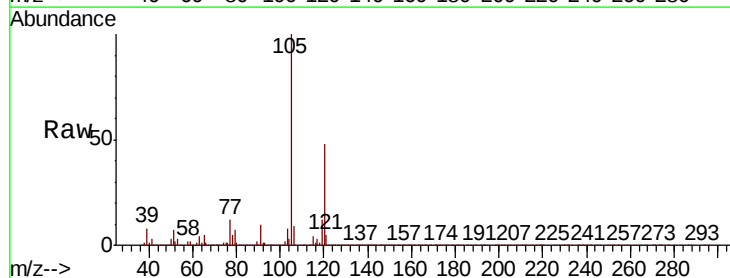
Manual Integrations  
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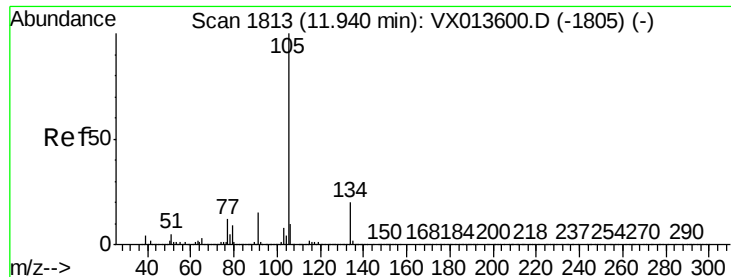
apatel  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 48.937 ug/l  
 RT: 11.80 min Scan# 1790  
 Delta R.T. -0.01 min  
 Lab File: VX0137885.D  
 Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.8  | 23.1  | 69.3  |





#85

sec-Butylbenzene

Concen: 49.893 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion:105 Resp: 1341959

Ion Ratio Lower Upper

105 100

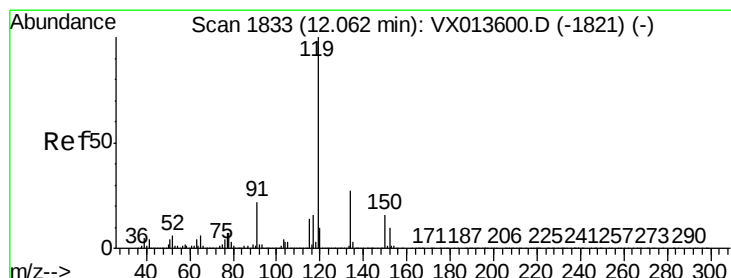
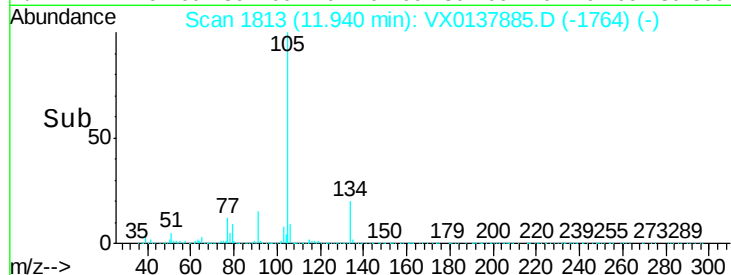
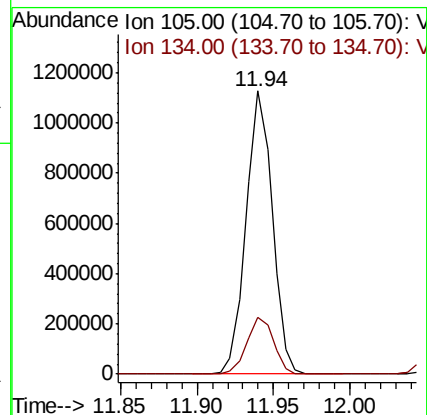
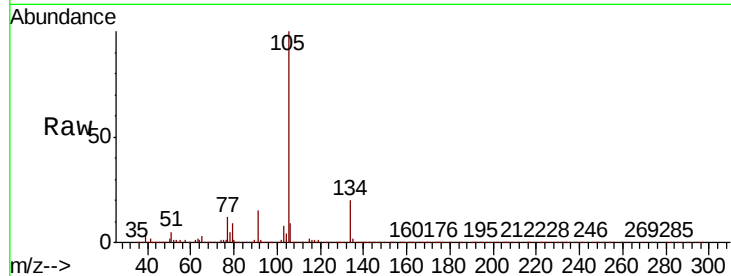
134 20.6 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 48.837 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

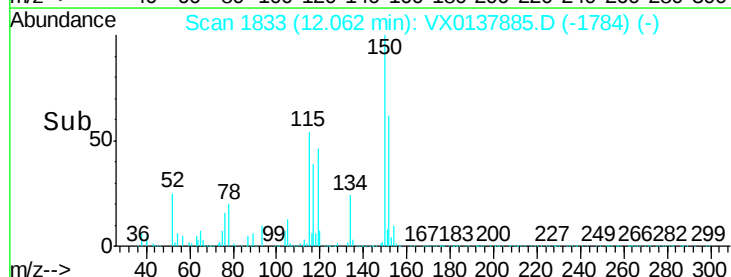
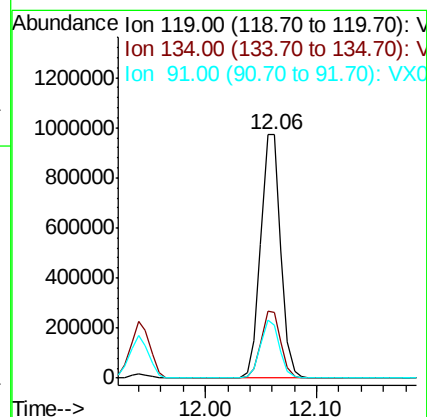
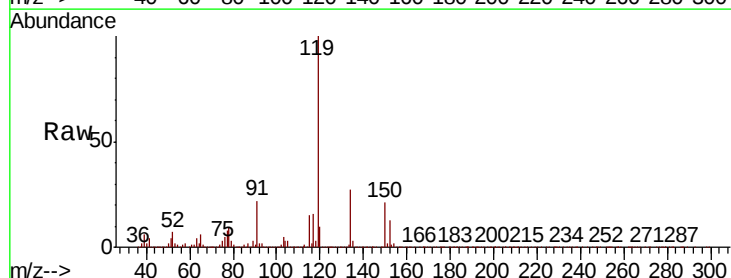
Tgt Ion:119 Resp: 1222007

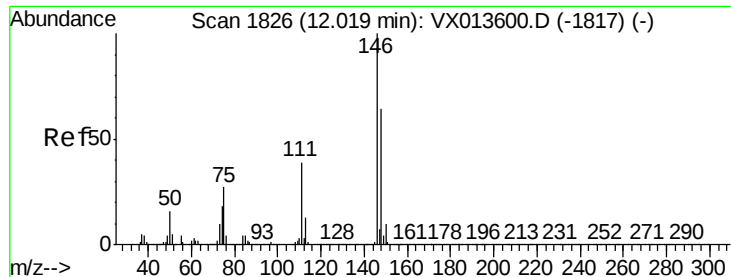
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 47.926 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

Instrument :

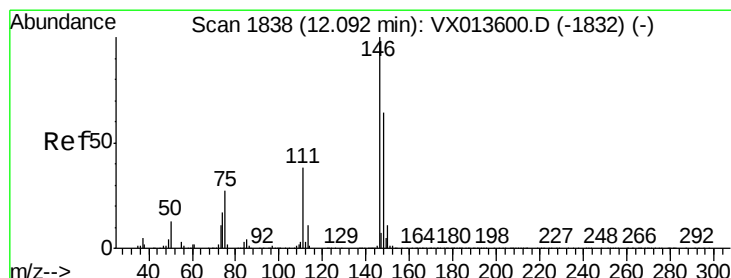
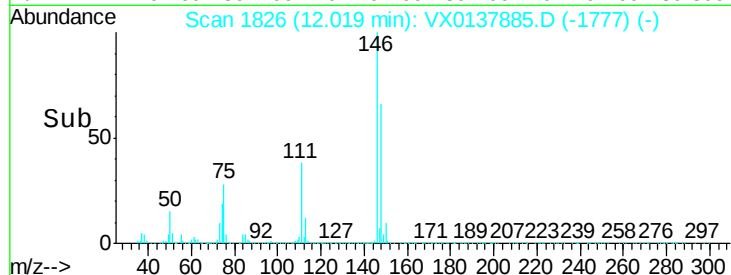
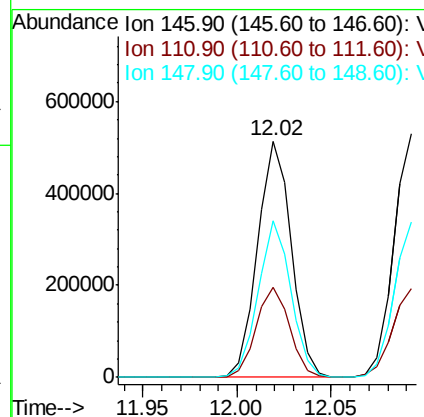
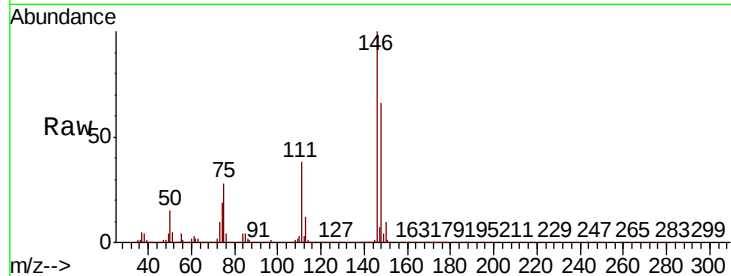
MSVOA\_X

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 638054 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 37.6  | 19.0  | 57.0   |
| 148       | 64.1  | 31.8  | 95.4   |

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#88

1,4-Dichlorobenzene

Concen: 47.332 ug/l

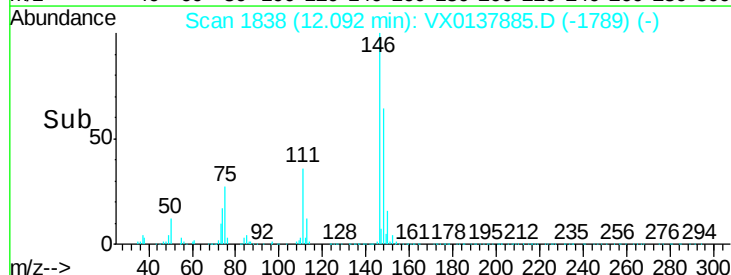
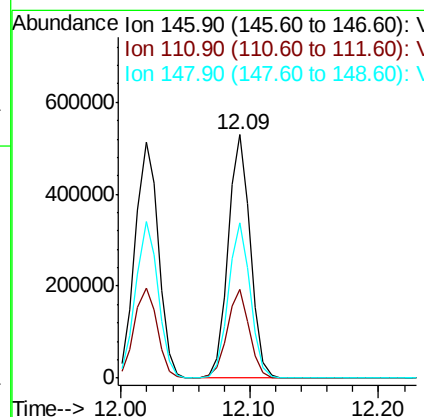
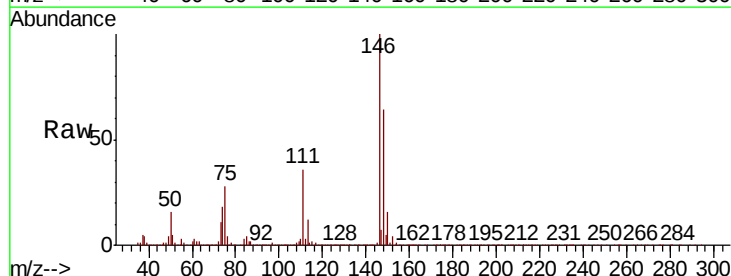
RT: 12.09 min Scan# 1838

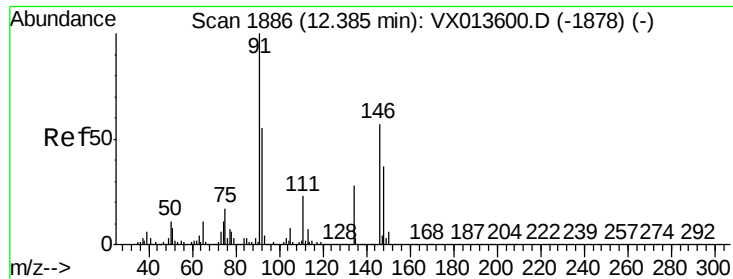
Delta R.T. -0.00 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 641845 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 36.7  | 18.9  | 56.9   |
| 148       | 63.3  | 31.9  | 95.5   |





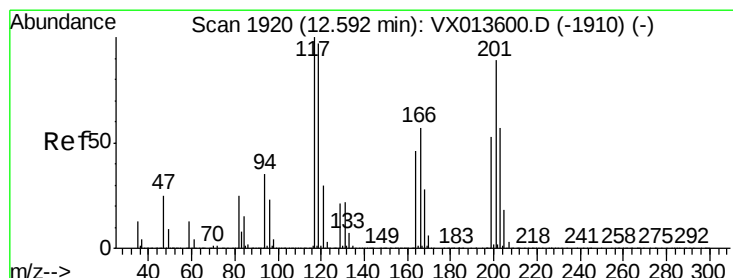
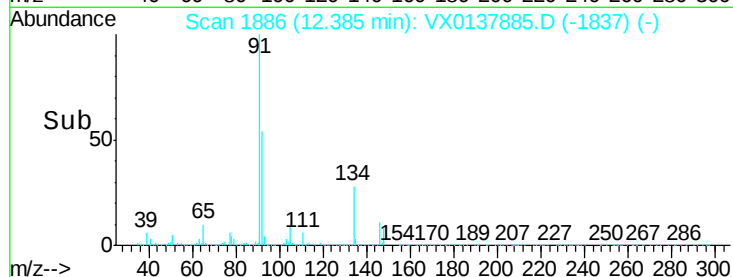
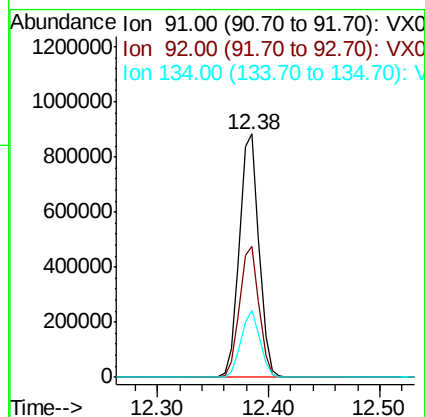
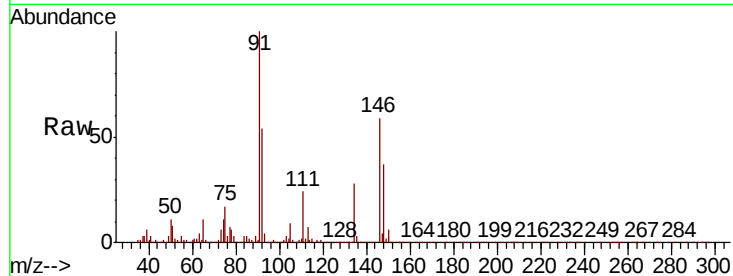
#89  
n-Butylbenzene  
Concen: 50.180 ug/l  
RT: 12.38 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.8  | 27.4  | 82.2  |
| 134     | 26.7  | 13.5  | 40.4  |

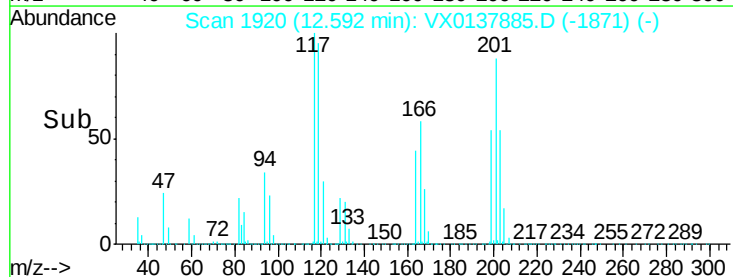
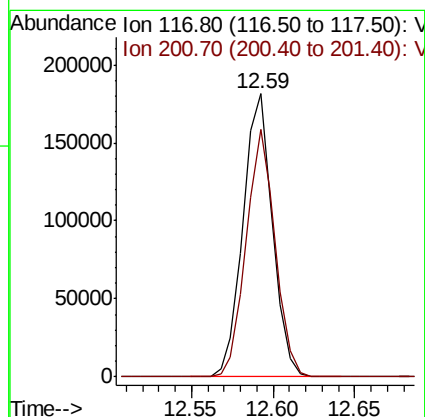
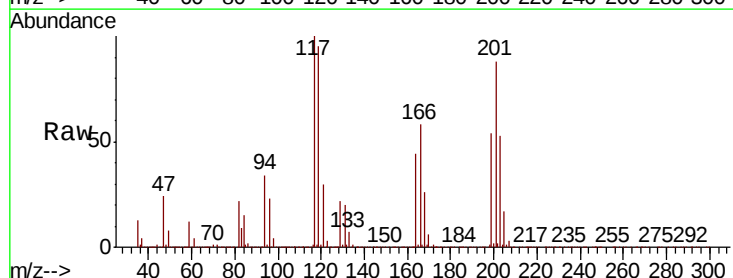
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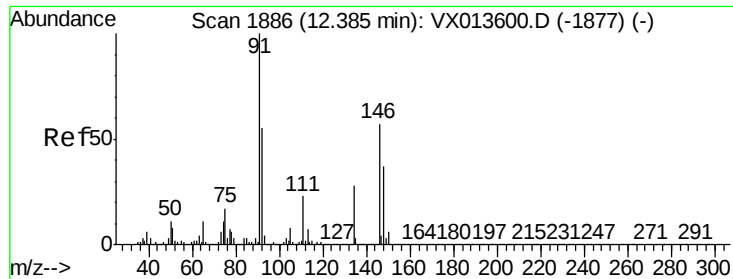
apatel  
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#90  
Hexachloroethane  
Concen: 50.574 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 85.9  | 44.1  | 132.4 |





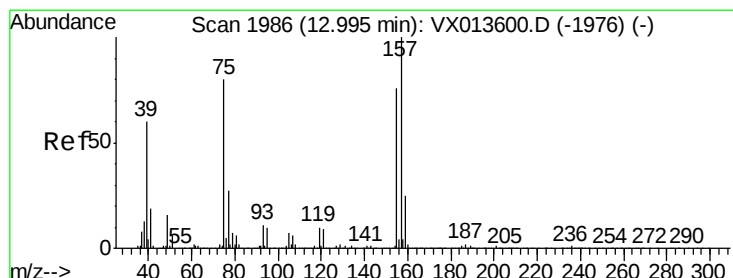
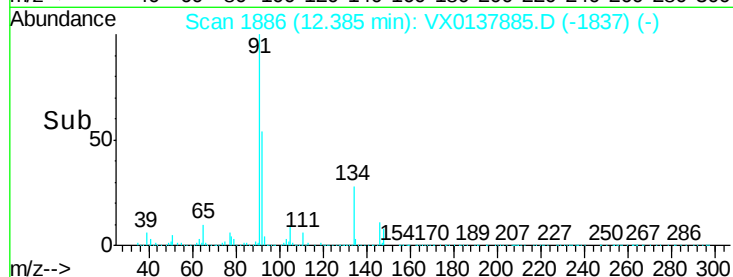
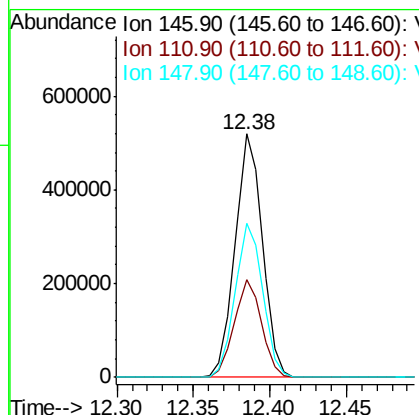
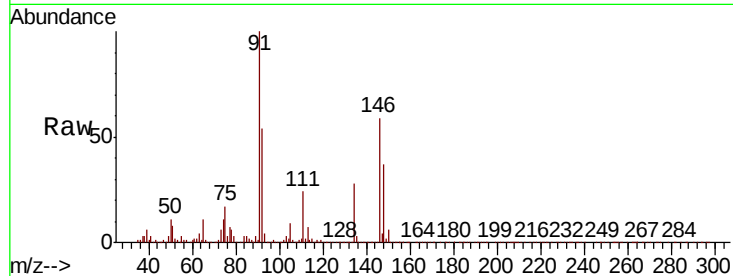
#91  
 1,2-Dichlorobenzene  
 Concen: 48.729 ug/l  
 RT: 12.38 min Scan# 1886  
 Delta R.T. -0.00 min  
 Lab File: VX0137885.D  
 Acq: 10 Dec 2019 09:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.1  | 19.6  | 58.7  |
| 148     | 63.8  | 31.9  | 95.7  |

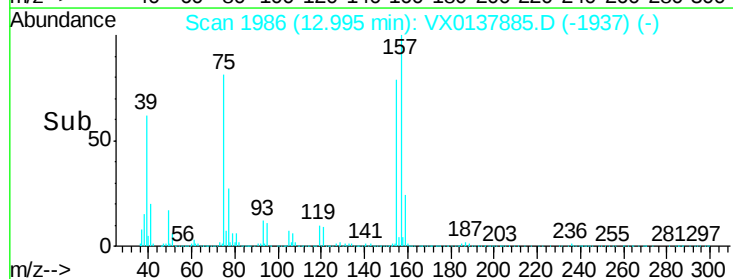
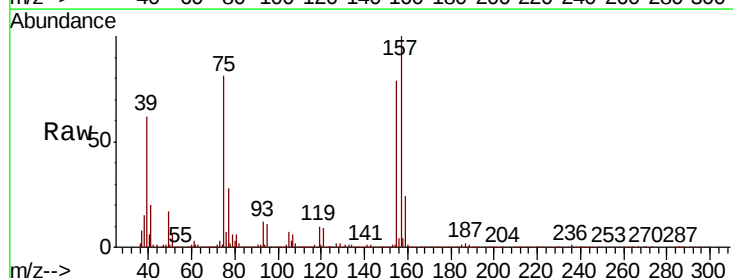
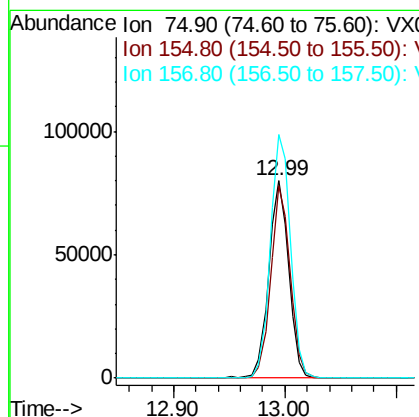
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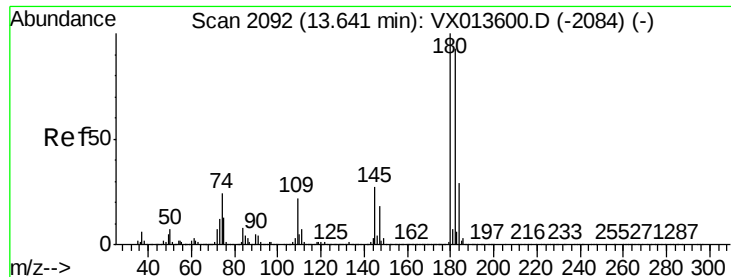
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.010 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VX0137885.D  
 Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 93.9  | 47.6  | 142.8 |
| 157     | 124.6 | 62.1  | 186.2 |





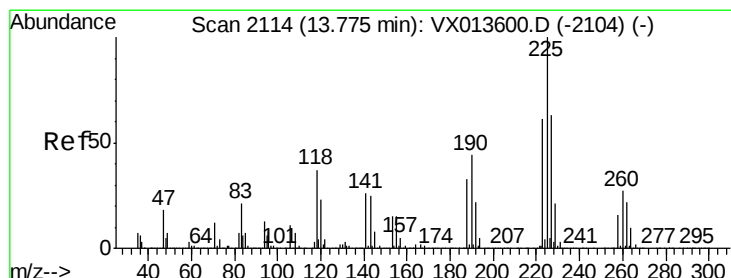
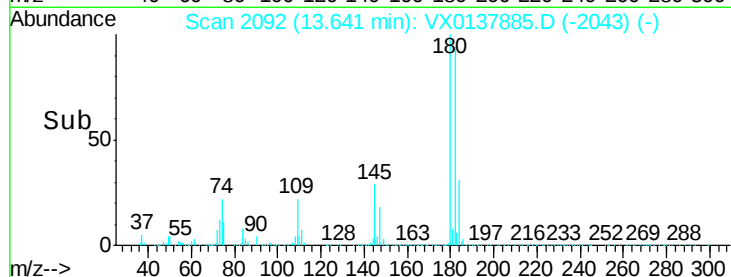
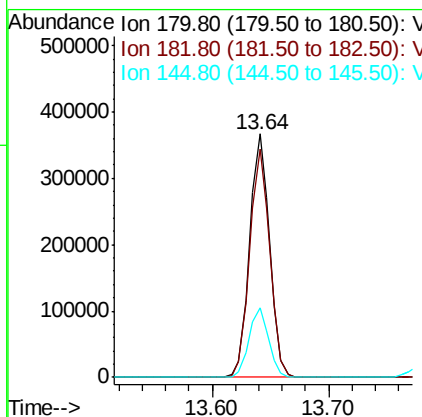
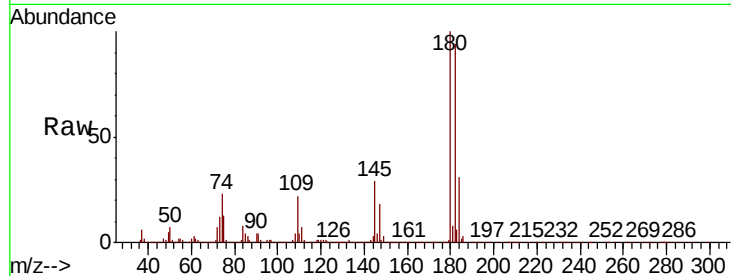
#93  
1,2,4-Trichlorobenzene  
Concen: 48.043 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 440430 |       |       |
| 182     | 94.4  | 47.2   | 141.6 |       |
| 145     | 28.3  | 13.8   | 41.4  |       |

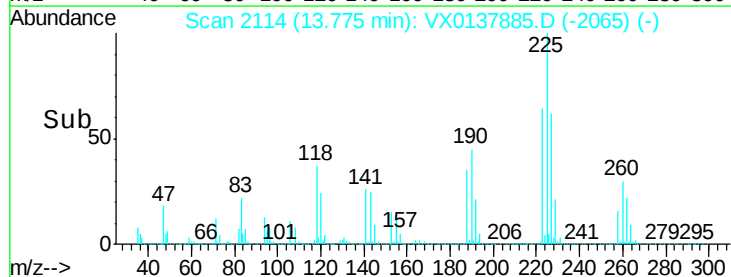
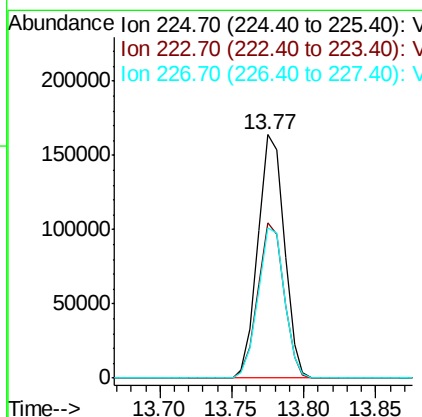
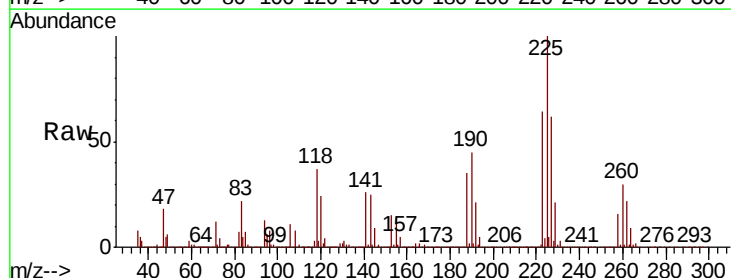
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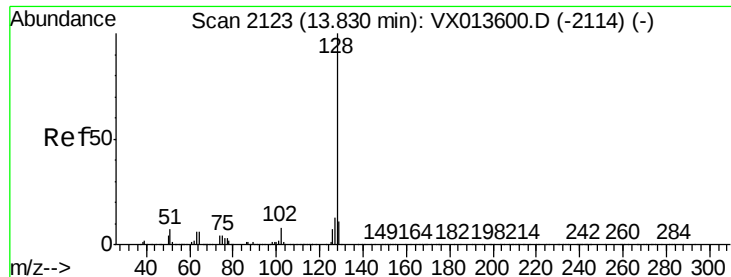
apatel  
12/10/2019 1:23:01 PM



#94  
Hexachlorobutadiene  
Concen: 46.957 ug/l  
RT: 13.77 min Scan# 2114  
Delta R.T. -0.00 min  
Lab File: VX0137885.D  
Acq: 10 Dec 2019 09:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 206791 |       |       |
| 223     | 63.1  | 31.9   | 95.5  |       |
| 227     | 61.2  | 32.1   | 96.3  |       |





#95

Naphthalene

Concen: 49.537 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA\_X

ClientSampled :

Tot Ion:128 Resp: 1352409

Ion Ratio Lower Upper

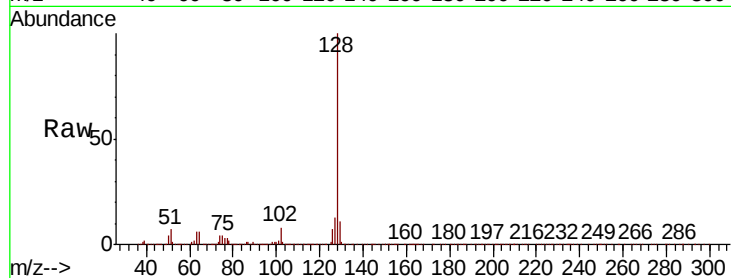
128 100

127 13.0 10.3 15.5

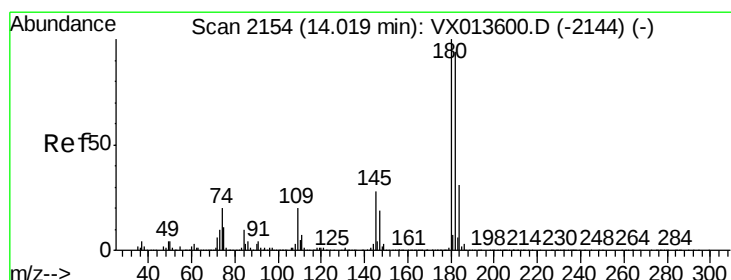
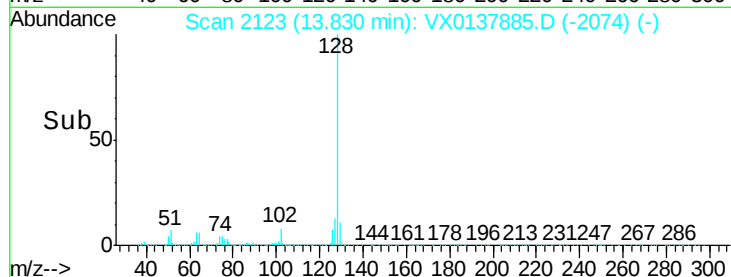
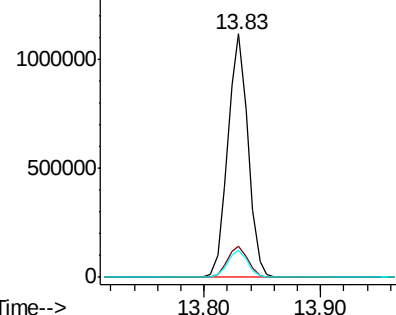
129 11.1 8.7 13.1

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Abundance Ion 128.00 (127.70 to 128.70): V  
1500000 Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.247 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX0137885.D

Acq: 10 Dec 2019 09:12

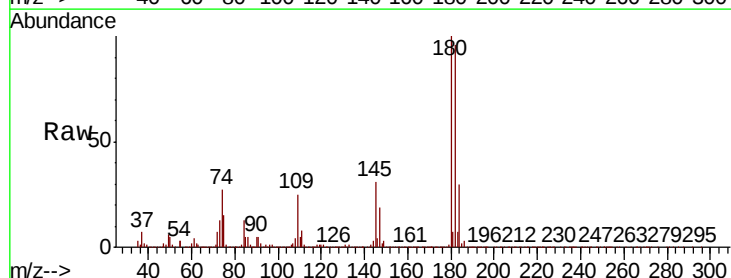
Tgt Ion:180 Resp: 437931

Ion Ratio Lower Upper

180 100

182 96.3 47.6 142.8

145 29.8 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V  
400000 Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

