

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\  
 Data File : VX0137846.D  
 Acq On : 09 Dec 2019 11:01  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Manual Integrations  
 APPROVED

apatel  
 12/10/2019 11:20:21 AM

Quant Time: Dec 10 03:42:47 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  | 591557   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 889832   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 810529   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 415045   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 323224   | 47.07 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.14% |      |
| 35) Dibromofluoromethane  | 5.48   | 113 | 269382   | 48.97 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.94% |      |
| 50) Toluene-d8            | 8.71   | 98  | 986539   | 46.03 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.06% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 368838   | 47.72 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.44% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 287825  | 43.713  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 322941  | 43.711  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 375901  | 45.205  | ug/l | 98     |
| 5) Bromomethane               | 1.63 | 94  | 238925  | 42.784  | ug/l | 99     |
| 6) Chloroethane               | 1.71 | 64  | 211558  | 44.709  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 408436  | 44.234  | ug/l | 98     |
| 8) Diethyl Ether              | 2.18 | 74  | 203608  | 48.741  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 259380  | 45.989  | ug/l | 99     |
| 10) Methyl Iodide             | 2.50 | 142 | 289622  | 42.451  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.03 | 59  | 375380  | 221.475 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 250675  | 44.528  | ug/l | 100    |
| 13) Acrolein                  | 2.28 | 56  | 458719  | 400.975 | ug/l | 99     |
| 14) Allyl chloride            | 2.72 | 41  | 485925  | 47.563  | ug/l | 100    |
| 15) Acrylonitrile             | 3.12 | 53  | 868616  | 248.276 | ug/l | 100    |
| 16) Acetone                   | 2.43 | 43  | 912098  | 269.044 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.56 | 76  | 659597  | 41.100  | ug/l | 100    |
| 18) Methyl Acetate            | 2.76 | 43  | 497077  | 52.655  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 941221  | 50.468  | ug/l | 99     |
| 20) Methylene Chloride        | 2.84 | 84  | 305185  | 46.857  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 277358  | 45.225  | ug/l | 99     |
| 22) Diisopropyl ether         | 3.84 | 45  | 998870  | 50.776  | ug/l | 91     |
| 23) Vinyl Acetate             | 3.80 | 43  | 4162715 | 254.364 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 524966  | 48.816  | ug/l | 99     |
| 25) 2-Butanone                | 4.65 | 43  | 1299587 | 257.936 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 409349  | 46.007  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 330334  | 46.902  | ug/l | 100    |
| 28) Bromochloromethane        | 5.00 | 49  | 223779  | 52.657  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.11 | 42  | 786975  | 253.371 | ug/l | 99     |
| 30) Chloroform                | 5.20 | 83  | 512431  | 46.985  | ug/l | 96     |
| 31) Cyclohexane               | 5.57 | 56  | 446130  | 43.983  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 422172  | 46.321  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 371918  | 46.044  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.81 | 43  | 473864  | 52.293  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 356521  | 47.867  | ug/l | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120919\  
 Data File : VX0137846.D  
 Acq On : 09 Dec 2019 11:01  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Manual Integrations  
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apatel  
 12/10/2019 11:20:21 AM

Quant Time: Dec 10 03:42:47 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   | 450423   | 45.112  | ug/l   | 97       |
| 40) Benzene                    | 6.13  | 78   | 1172824  | 47.673  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.03  | 41   | 266231   | 53.572  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 421287   | 50.213  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 767888   | 51.473  | ug/l   | 100      |
| 44) Trichloroethene            | 7.20  | 130  | 312901   | 46.344  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 313062   | 50.862  | ug/l   | 99       |
| 46) Dibromomethane             | 7.65  | 93   | 206266   | 49.341  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.89  | 83   | 412732   | 52.225  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.76  | 41   | 383422   | 52.897  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 147679   | 910.201 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 2441931  | 260.223 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 735787   | 48.143  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 459055   | 51.032  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 510607   | 51.956  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 321563   | 52.211  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 521484   | 52.665  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 535976   | 50.488  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 949042   | 244.455 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 1890340  | 258.285 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 337291   | 52.771  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 328955   | 50.009  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.33  | 164  | 279204   | 46.192  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 800209   | 47.551  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 304528   | 50.395  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 1401289  | 48.458  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.35 | 106  | 1074242  | 97.030  | ug/l   | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 527978   | 48.897  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 911500   | 50.183  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 261633   | 52.327  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.01 | 105  | 1363665  | 46.839  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.89 | 43   | 681247   | 51.081  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 505758   | 50.092  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 478273m  | 51.234  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 364501   | 46.344  | ug/l   | 96       |
| 78) n-propylbenzene            | 11.35 | 91   | 1566211  | 48.191  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 932830   | 47.848  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 1158261  | 48.541  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 173915   | 50.969  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 1076376  | 47.669  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 1164343  | 48.014  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 1170378  | 48.329  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 1326154  | 47.877  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 1241563  | 48.182  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 650431   | 47.441  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 648730   | 46.454  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 1081100  | 49.190  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 224823   | 48.269  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 662459   | 48.903  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 108388   | 49.297  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\  
Data File : VX0137846.D  
Acq On : 09 Dec 2019 11:01  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Manual Integrations  
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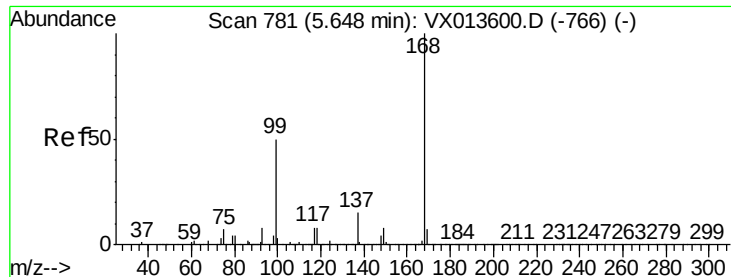
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12/10/2019 11:20:21 AM

Quant Time: Dec 10 03:42:47 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  | 454736   | 48.167 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 204256   | 45.038 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 1438622  | 51.169 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 452519   | 48.410 | ug/l  | 98       |

(#) = 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: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA\_X

ClientSampled :

Tot Ion:168 Resp: 591557

Ion Ratio Lower Upper

168 100

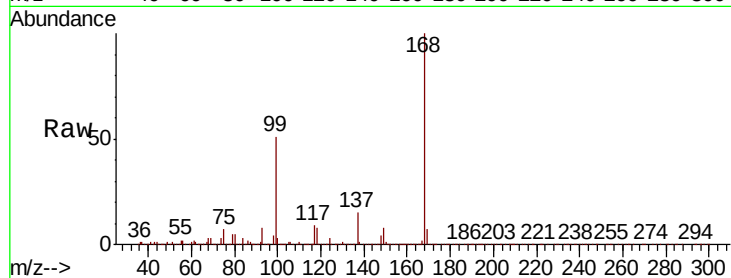
99 51.0 39.8 59.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

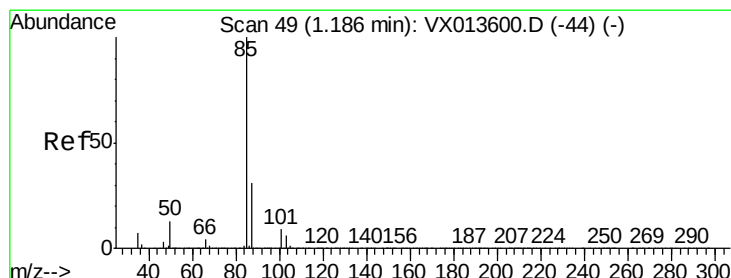
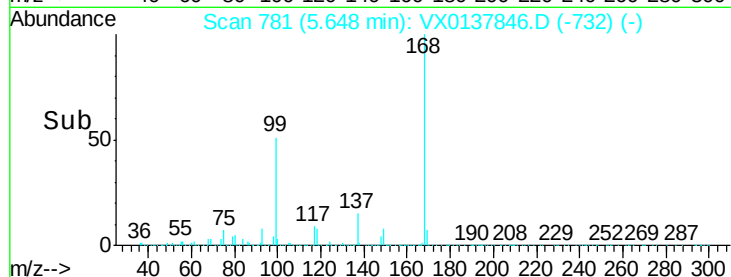
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.713 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX0137846.D

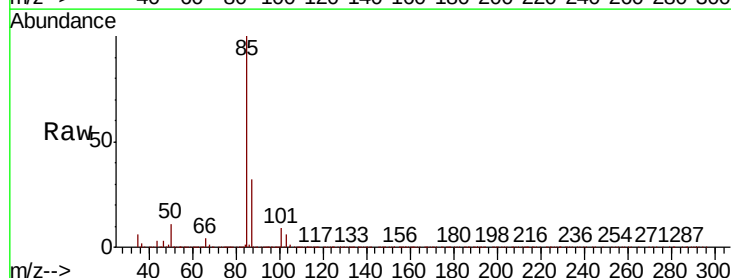
Acq: 09 Dec 2019 11:01

Tgt Ion: 85 Resp: 287825

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

100000

50000

0

1.10

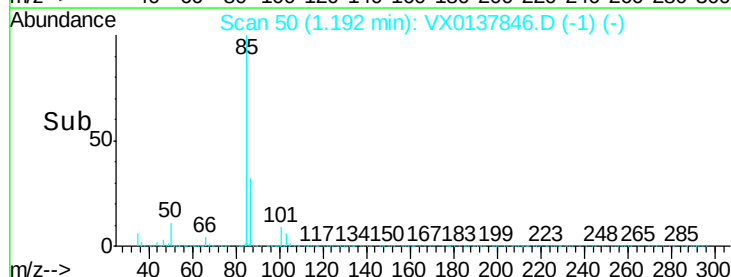
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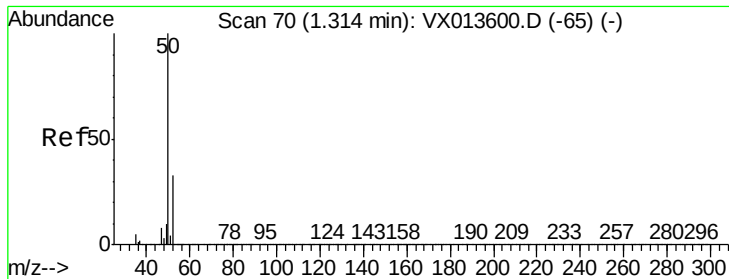
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 43.711 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX0137846.D

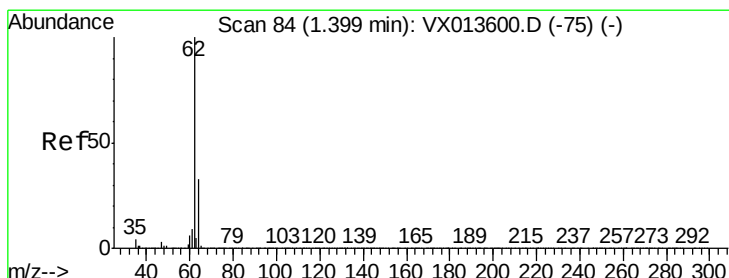
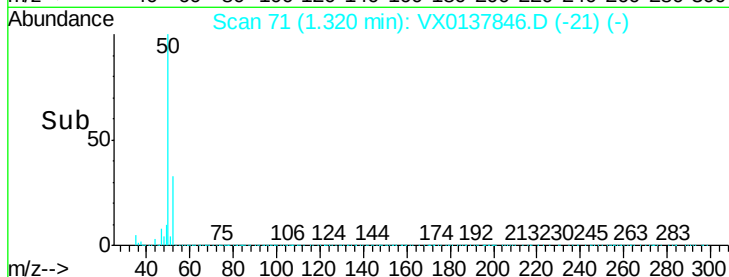
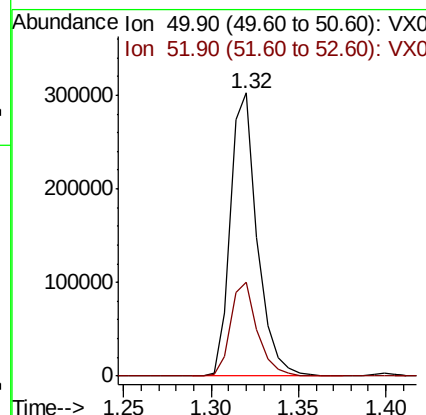
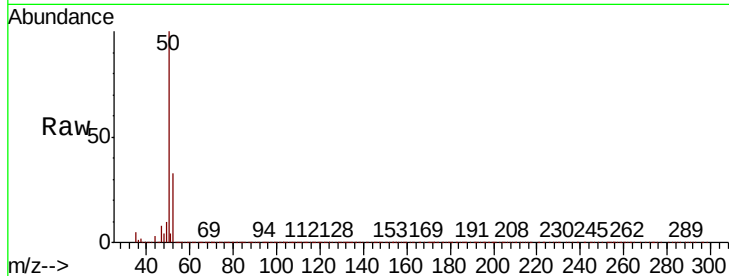
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 50      | 100   |       |       |
| 52      | 33.0  | 26.0  | 39.0  |

Manual Integrations  
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#4

Vinyl Chloride

Concen: 45.205 ug/l

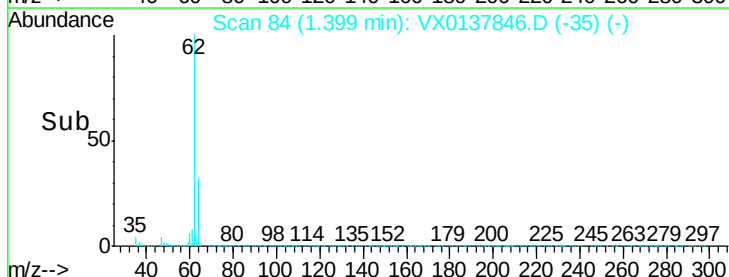
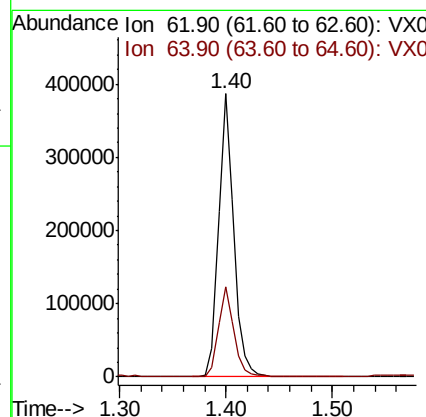
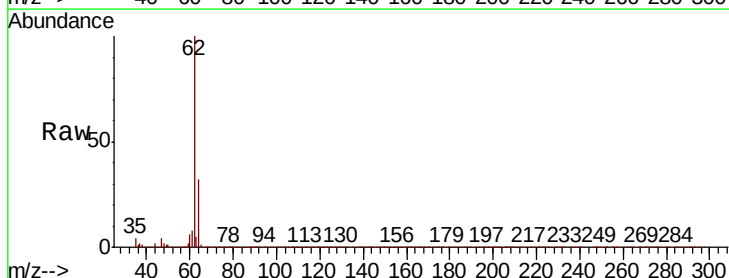
RT: 1.40 min Scan# 84

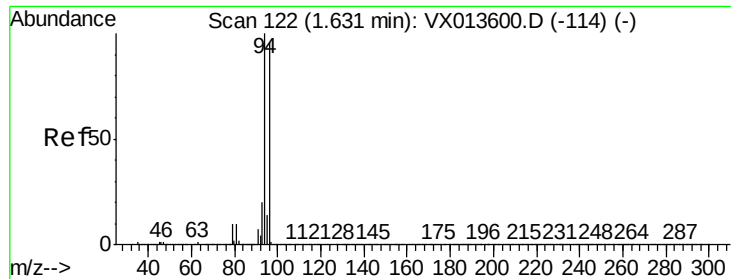
Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 64      | 31.6  | 26.0  | 39.0  |





#5

Bromomethane

Concen: 42.784 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 94 Resp: 238925

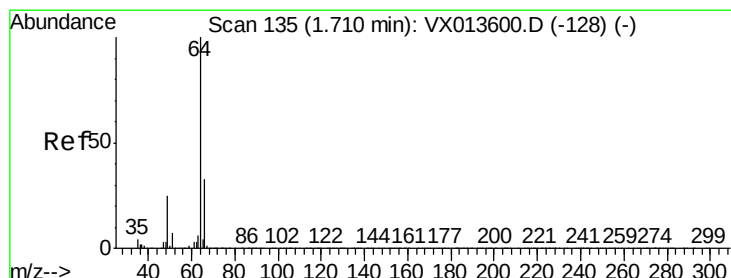
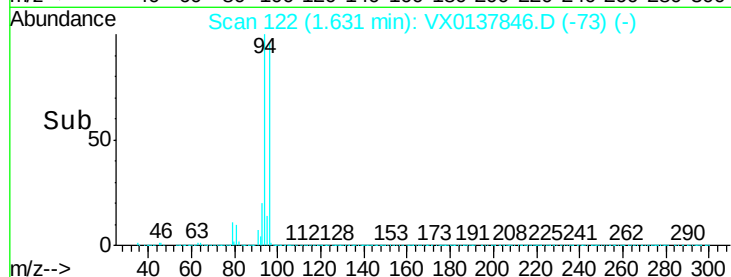
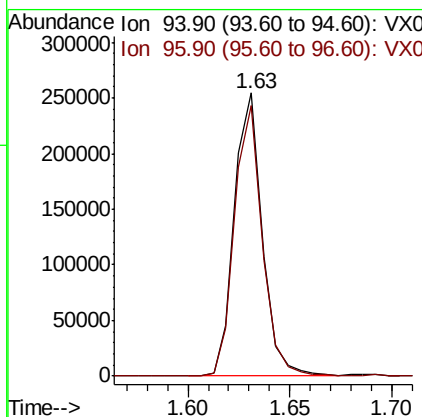
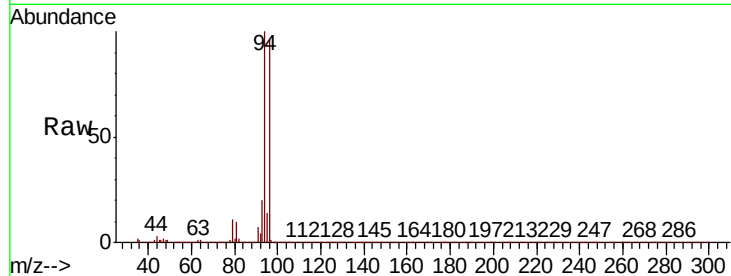
Ion Ratio Lower Upper

94 100

96 95.5 77.0 115.4

Manual Integrations  
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#6

Chloroethane

Concen: 44.709 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX0137846.D

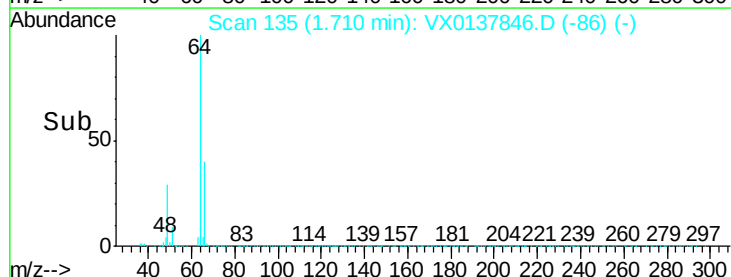
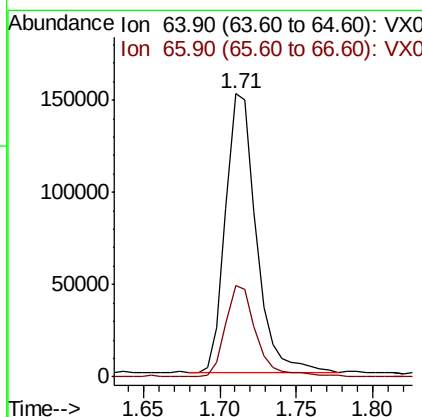
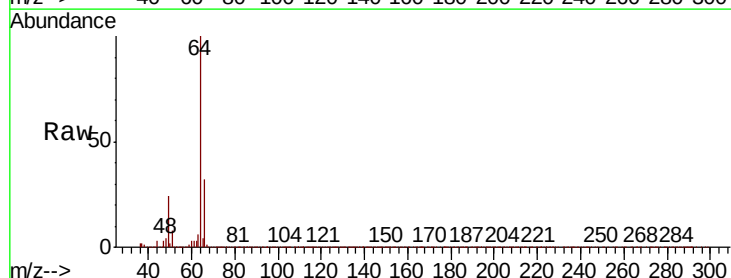
Acq: 09 Dec 2019 11:01

Tgt Ion: 64 Resp: 211558

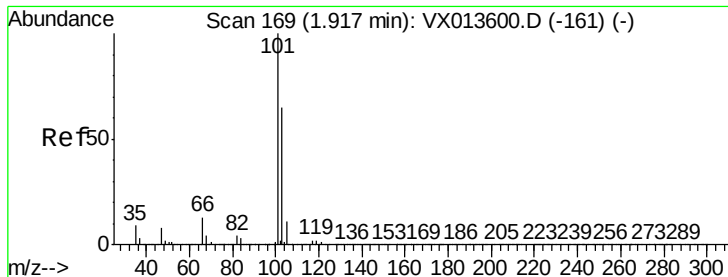
Ion Ratio Lower Upper

64 100

66 32.6 26.7 40.1







#7

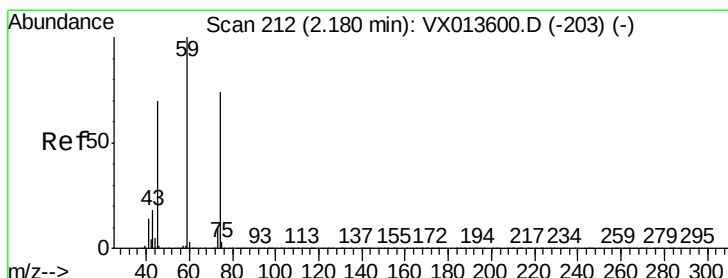
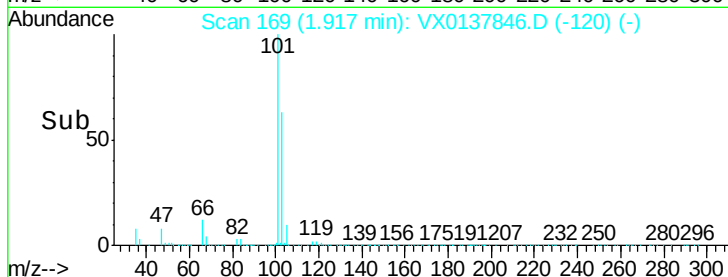
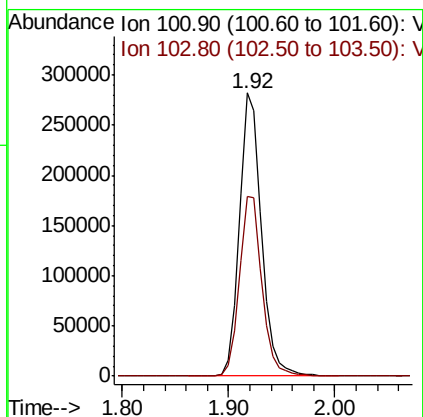
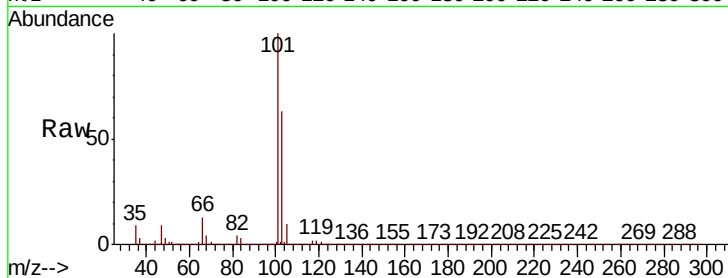
Trichlorofluoromethane  
Concen: 44.234 ug/l  
RT: 1.92 min Scan# 169  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.3  | 51.8  | 77.6  |

Manual Integrations  
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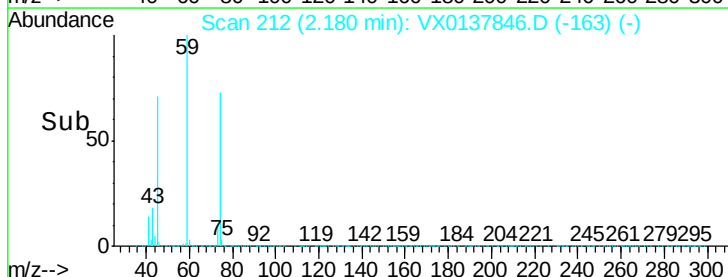
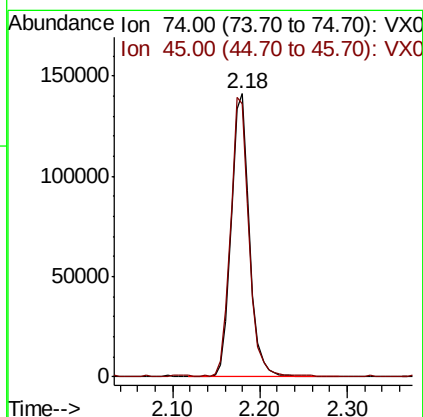
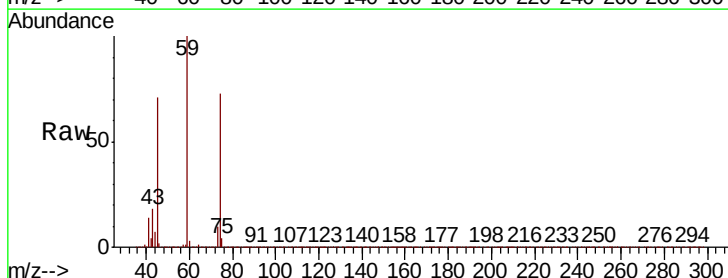
apatel  
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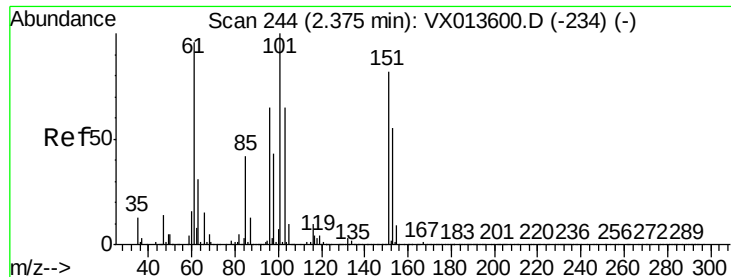
#8

Diethyl Ether  
Concen: 48.741 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 99.6  | 48.9  | 146.8 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.989 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX0137846.D

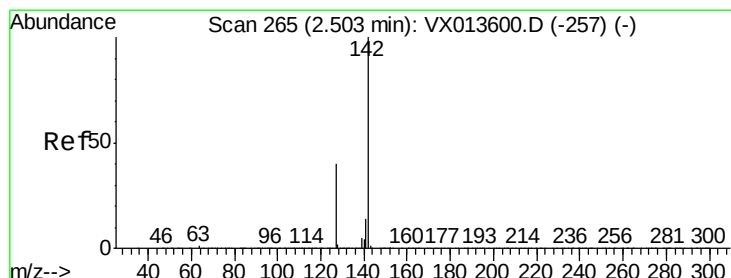
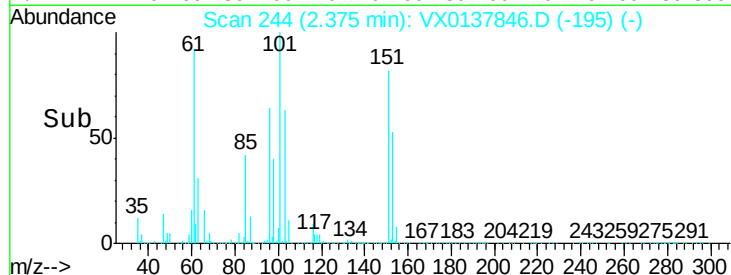
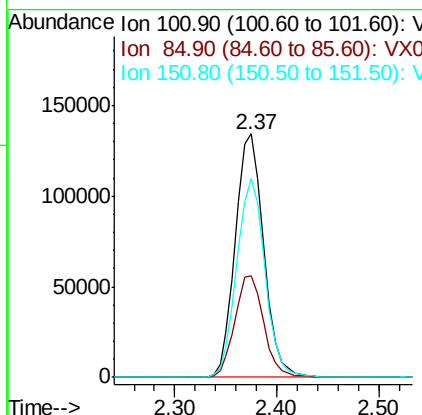
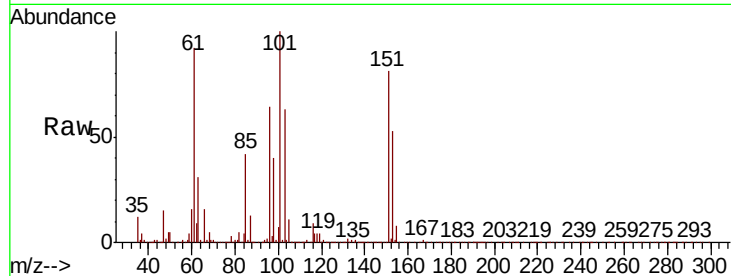
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 259380 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.3  | 33.9  | 50.9   |
| 151       | 81.1  | 64.2  | 96.2   |

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#10

Methyl Iodide

Concen: 42.451 ug/l

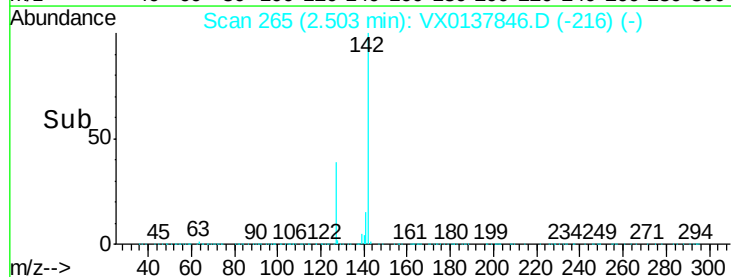
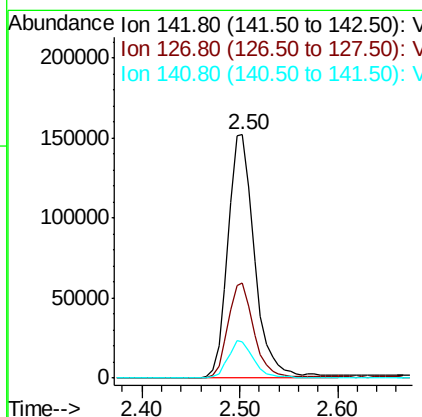
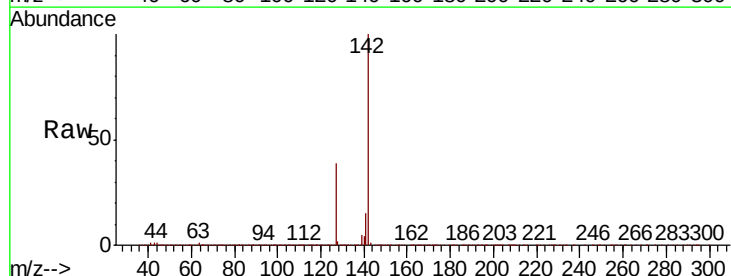
RT: 2.50 min Scan# 265

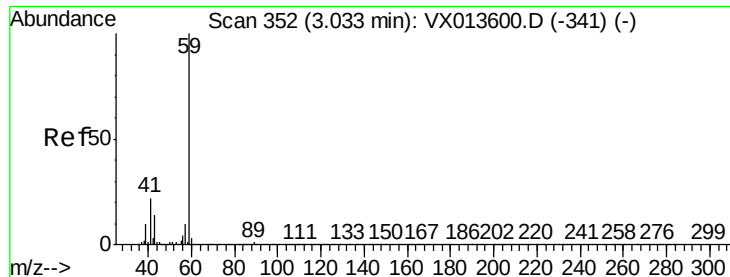
Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 289622 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 38.8  | 31.0  | 46.4   |
| 141       | 14.6  | 11.6  | 17.4   |





#11

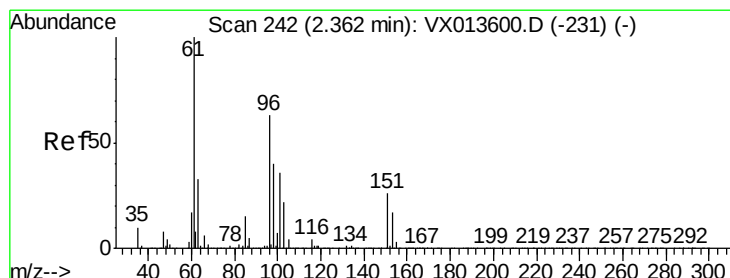
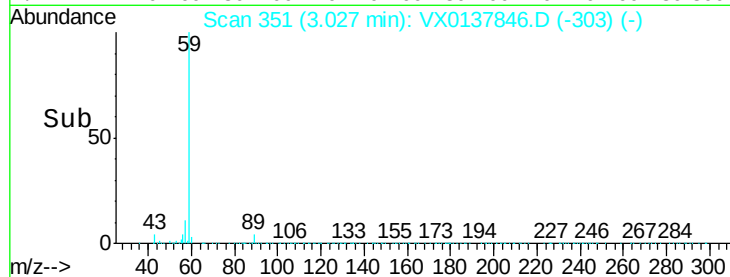
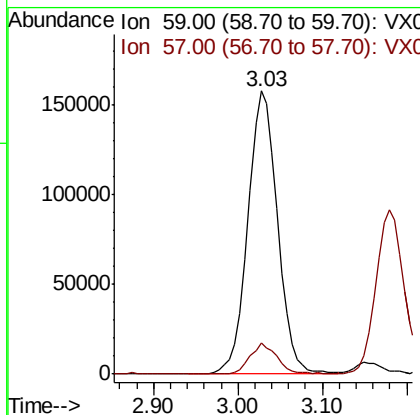
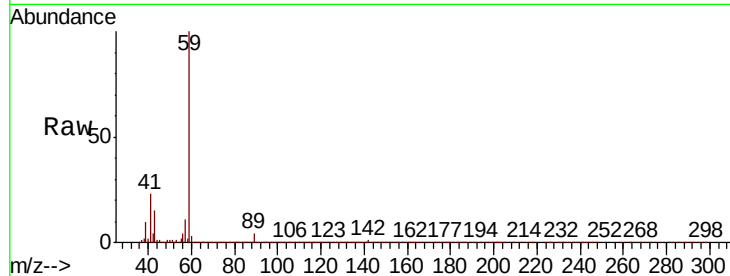
Tert butyl alcohol  
Concen: 221.475 ug/l  
RT: 3.03 min Scan# 351  
Delta R.T. -0.01 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.1  | 7.8   | 11.6  |

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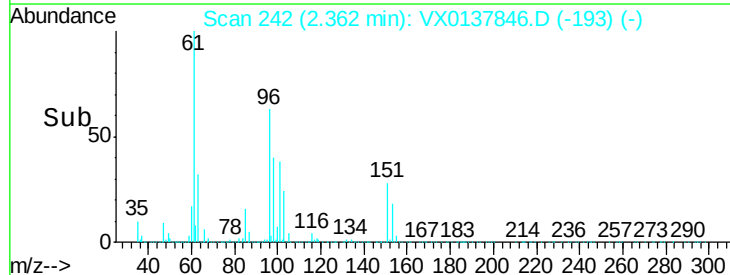
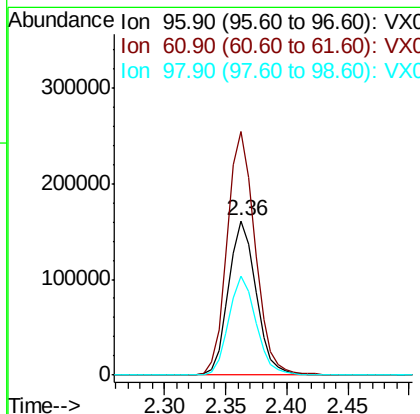
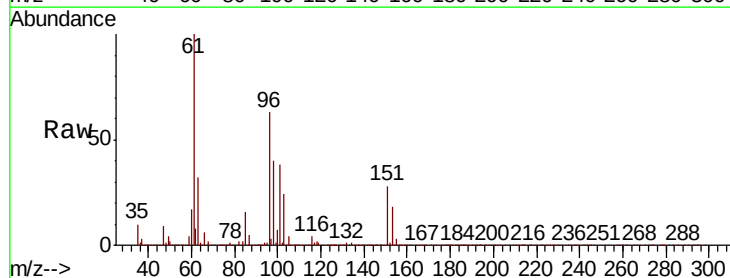
apatel  
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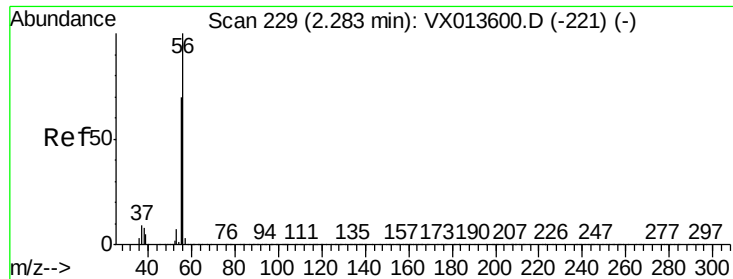


#12

1,1-Dichloroethene  
Concen: 44.528 ug/l  
RT: 2.36 min Scan# 242  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 158.0 | 126.6 | 190.0 |
| 98      | 63.9  | 50.6  | 76.0  |





#13

Acrolein

Concen: 400.975 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA\_X

ClientSampled :

Tot Ion: 56 Resp: 458719

Ion Ratio Lower Upper

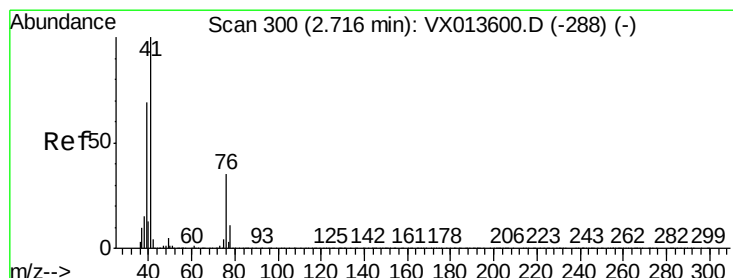
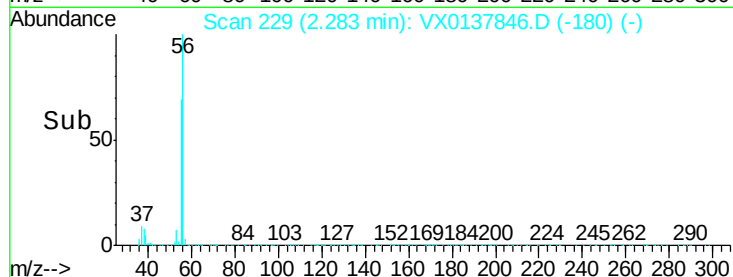
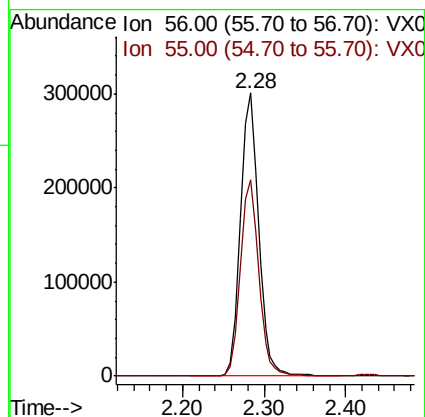
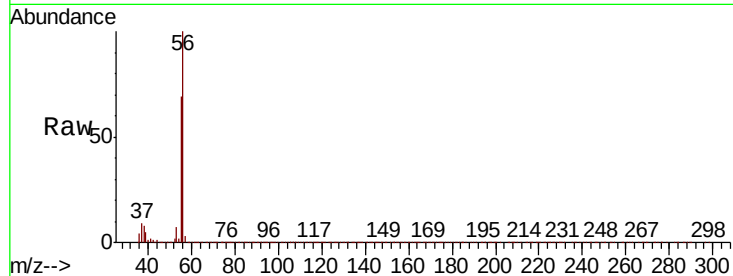
56 100

55 69.5 56.2 84.4

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#14

Allyl chloride

Concen: 47.563 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

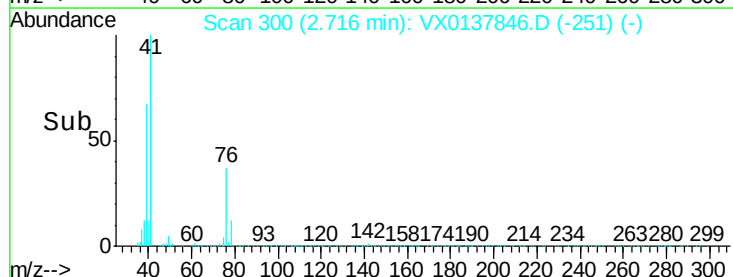
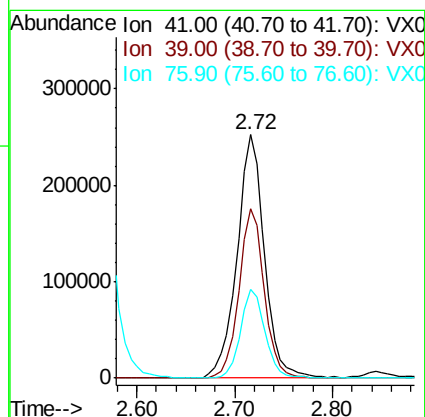
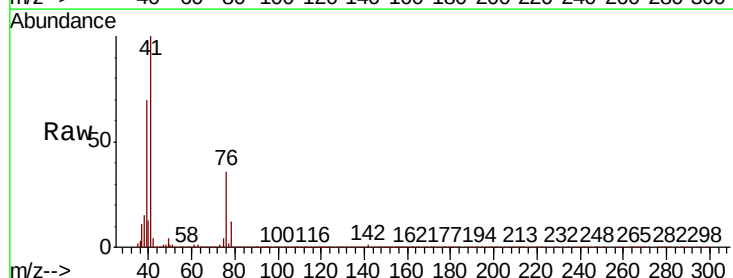
Tgt Ion: 41 Resp: 485925

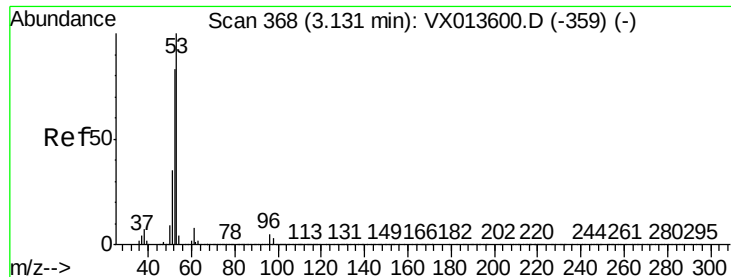
Ion Ratio Lower Upper

41 100

39 64.5 51.7 77.5

76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 248.276 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

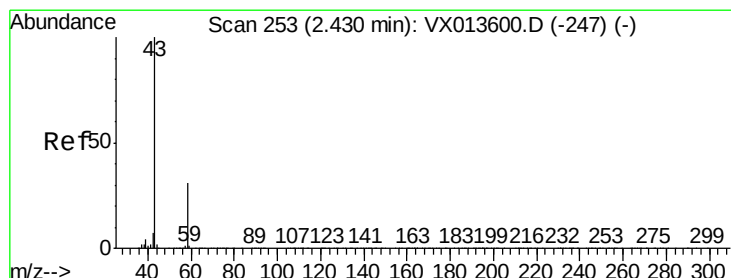
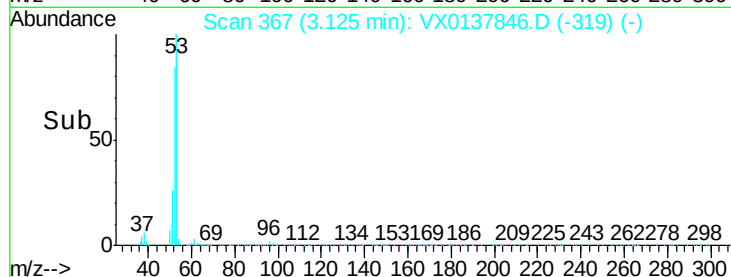
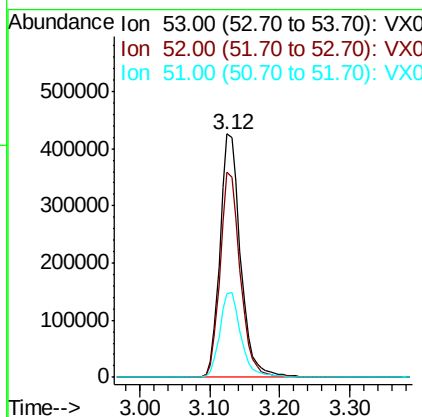
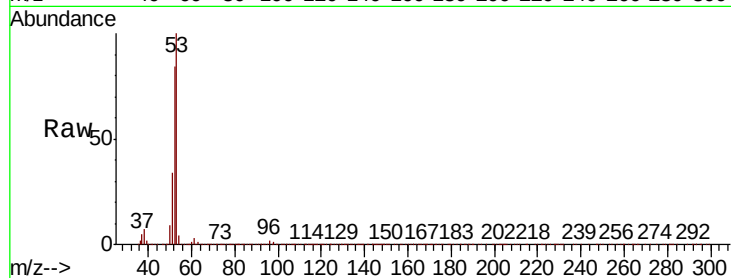
MSVOA\_X

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 868616 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.8  | 66.2  | 99.2   |
| 51       | 35.7  | 29.0  | 43.6   |

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#16

Acetone

Concen: 269.044 ug/l

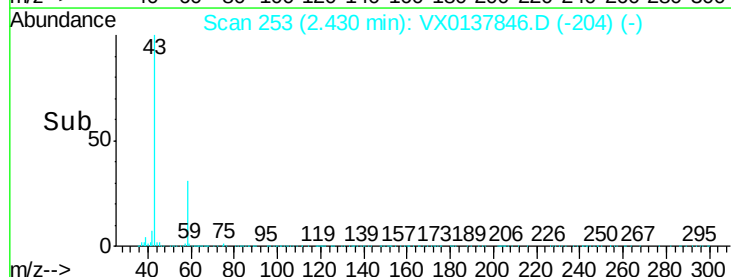
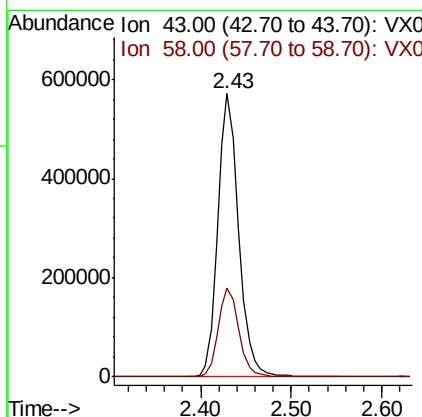
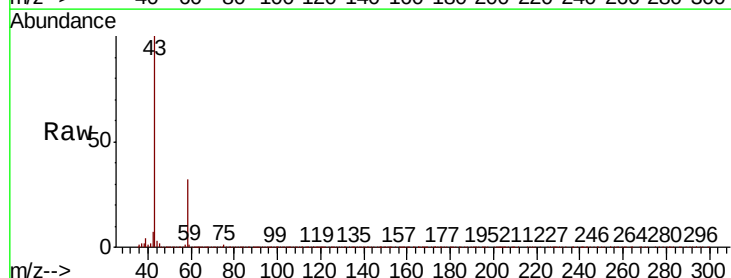
RT: 2.43 min Scan# 253

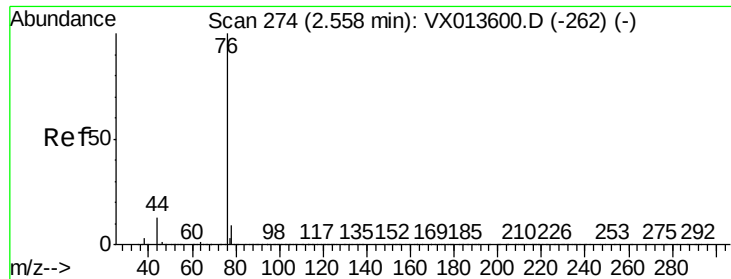
Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 912098 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 31.5  | 24.6  | 36.8   |





#17

Carbon Disulfide

Concen: 41.100 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA\_X

ClientSampled :

Tot Ion: 76 Resp: 659597

Ion Ratio Lower Upper

76 100

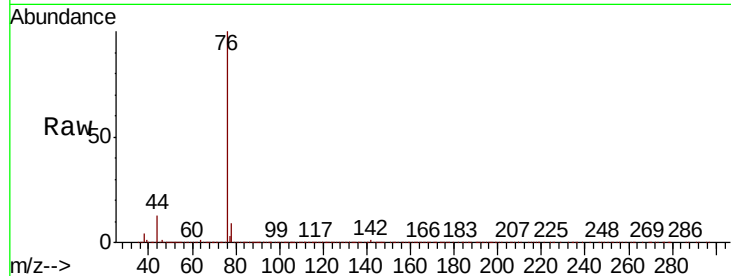
78 9.0 7.2 10.8

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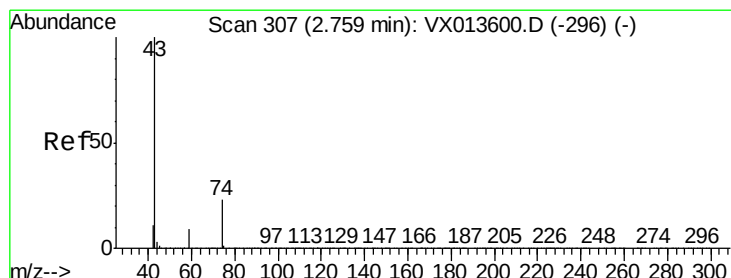
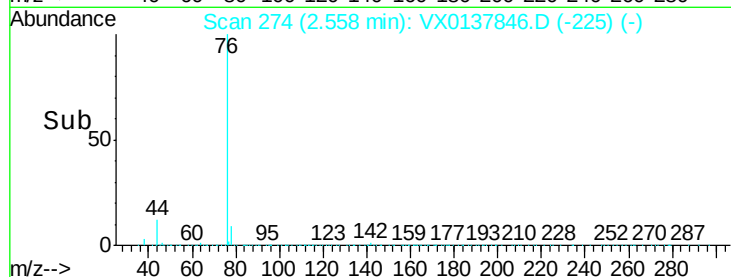
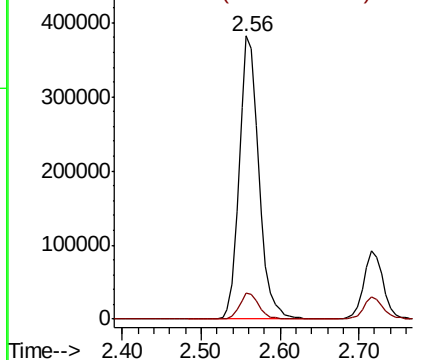
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.655 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX0137846.D

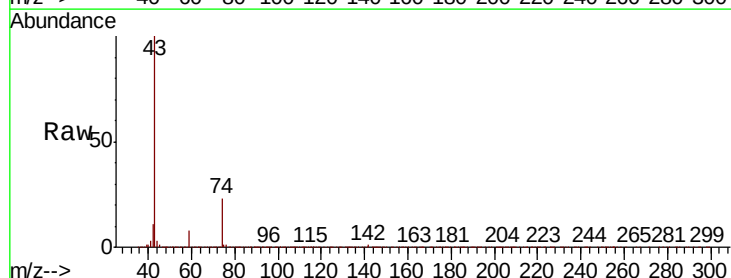
Acq: 09 Dec 2019 11:01

Tgt Ion: 43 Resp: 497077

Ion Ratio Lower Upper

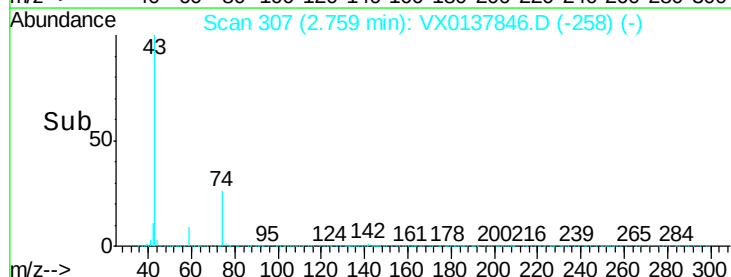
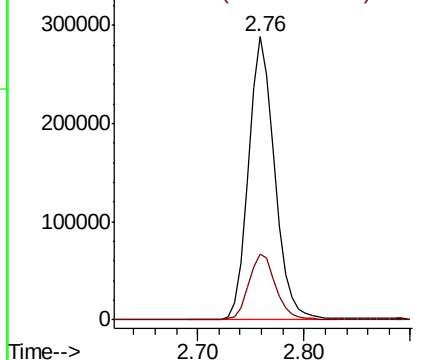
43 100

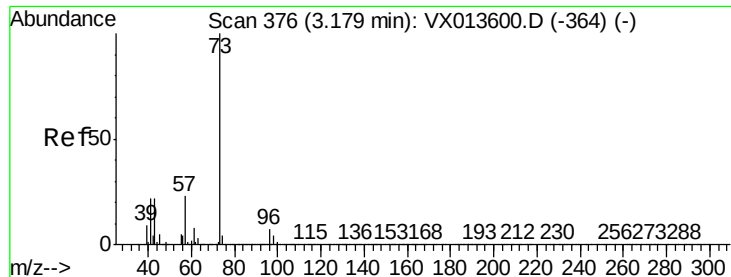
74 23.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





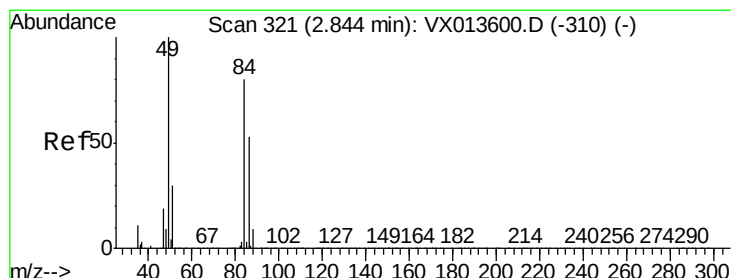
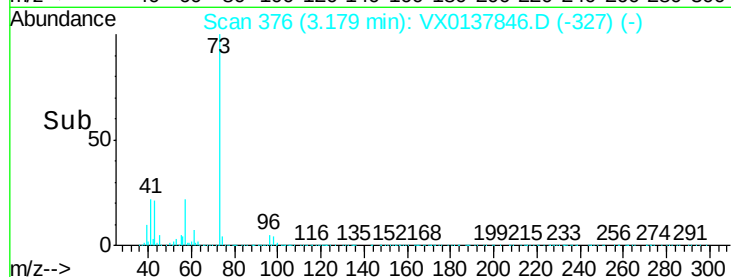
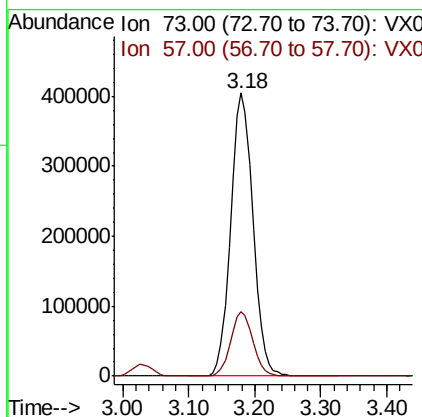
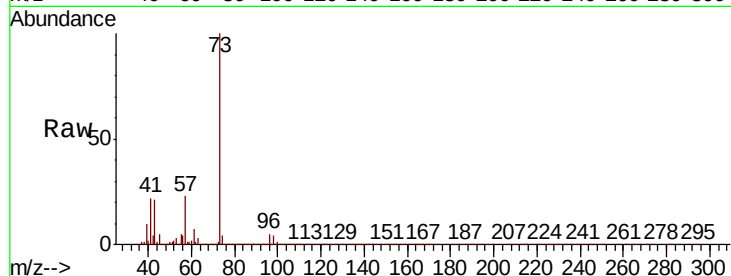
#19  
Methyl tert-butyl Ether  
Concen: 50.468 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.5  | 18.3  | 27.5  |

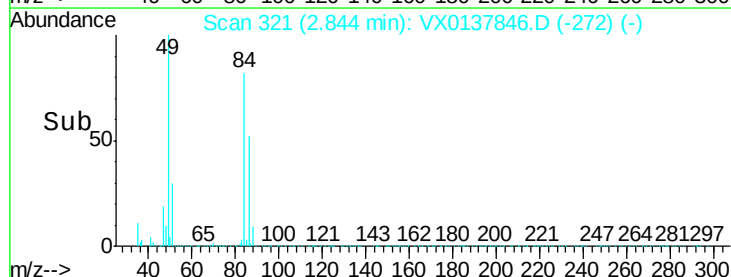
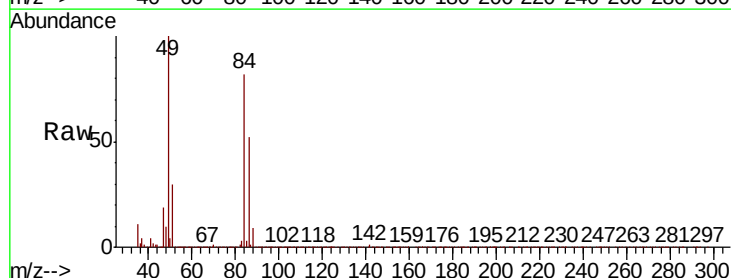
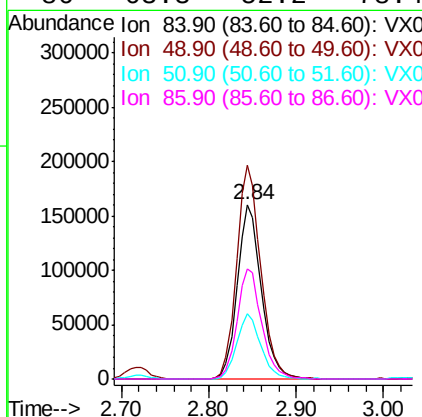
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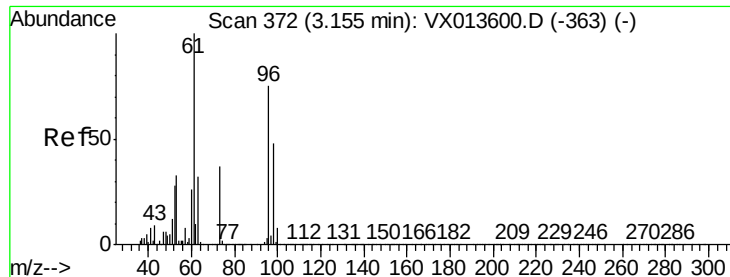
apatel  
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#20  
Methylene Chloride  
Concen: 46.857 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 122.6 | 99.7  | 149.5 |
| 51      | 37.2  | 29.9  | 44.9  |
| 86      | 63.3  | 52.2  | 78.4  |





#21

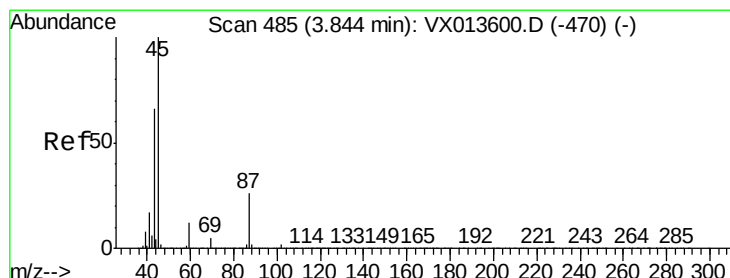
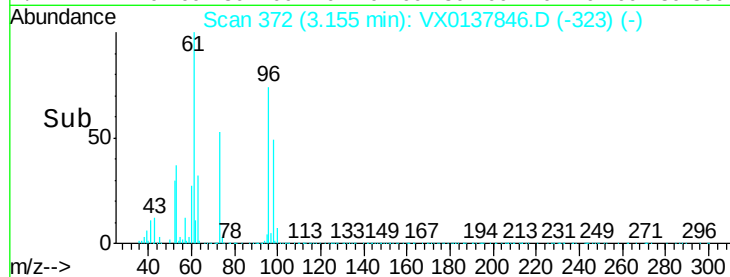
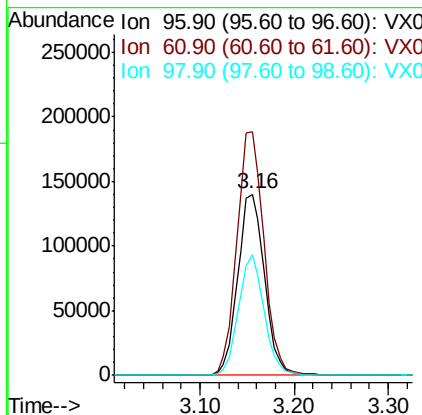
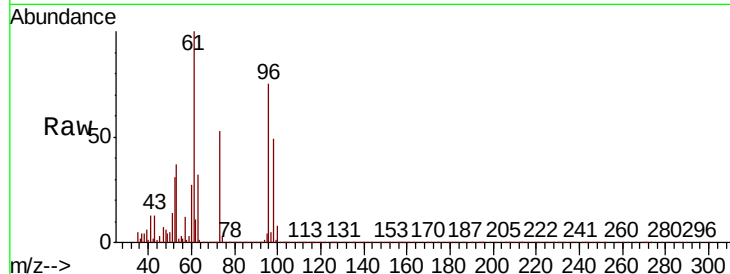
trans-1,2-Dichloroethene  
Concen: 45.225 ug/l  
RT: 3.16 min Scan# 372  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 134.1 | 107.2 | 160.8 |
| 98      | 66.1  | 51.4  | 77.0  |

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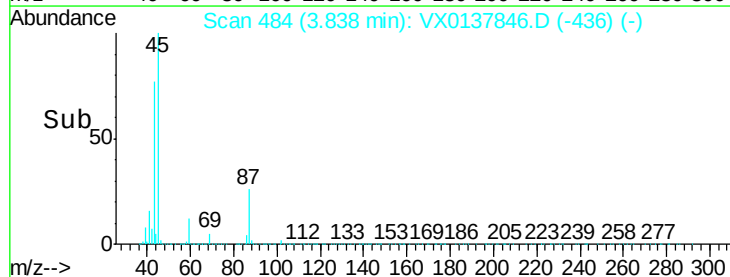
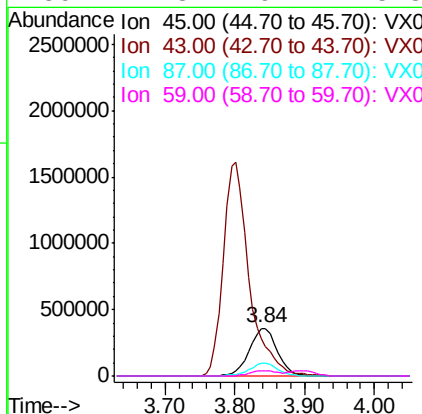
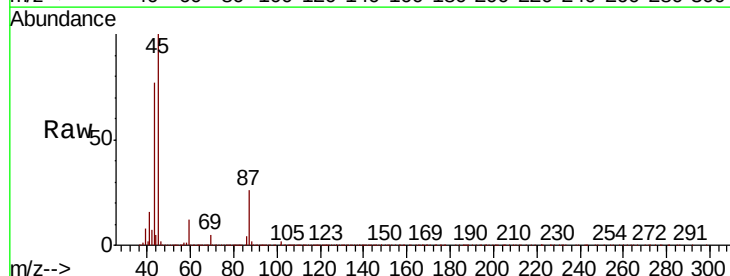
apatel  
12/10/2019 11:20:21 AM



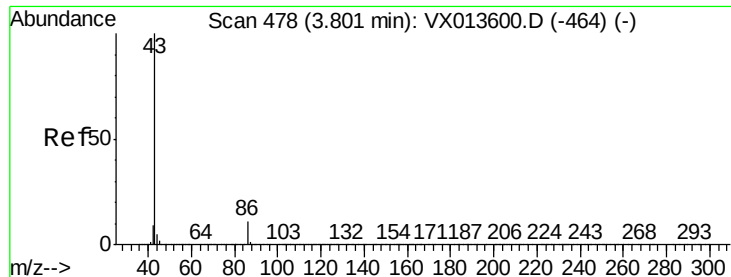
#22

Diisopropyl ether  
Concen: 50.776 ug/l  
RT: 3.84 min Scan# 484  
Delta R.T. -0.01 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 77.3  | 52.6  | 79.0  |
| 87      | 26.2  | 21.1  | 31.7  |
| 59      | 11.8  | 9.2   | 13.8  |







#23

Vinyl Acetate

Concen: 254.364 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 43 Resp: 4162715

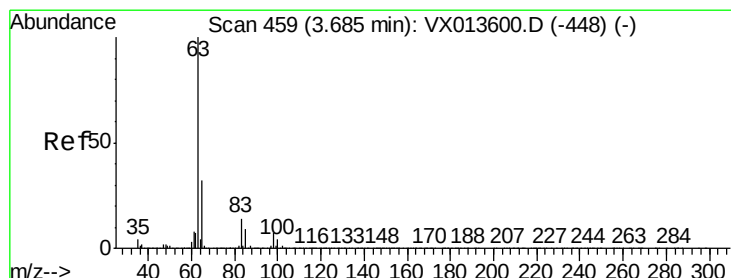
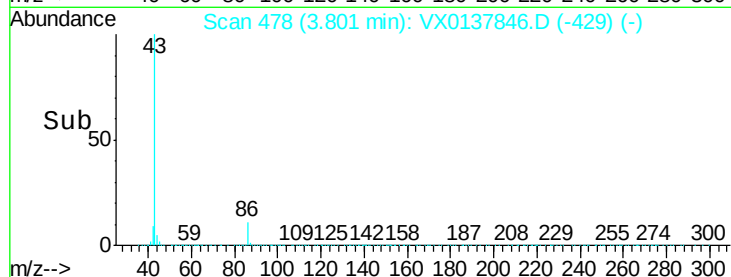
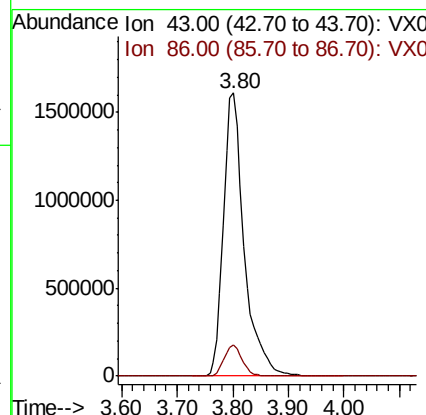
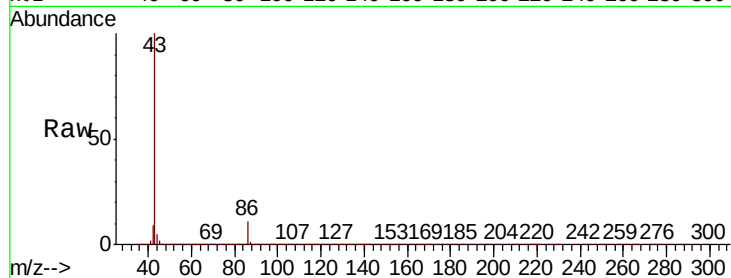
Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 48.816 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

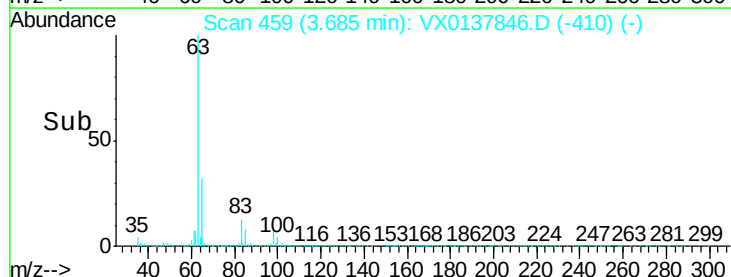
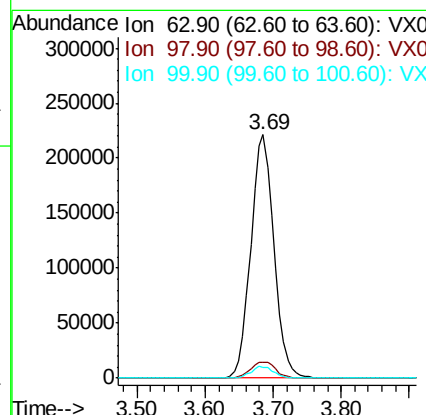
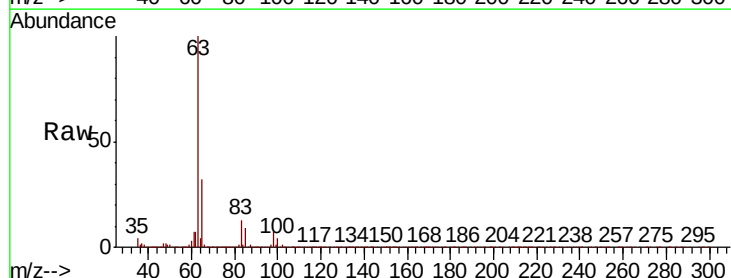
Tgt Ion: 63 Resp: 524966

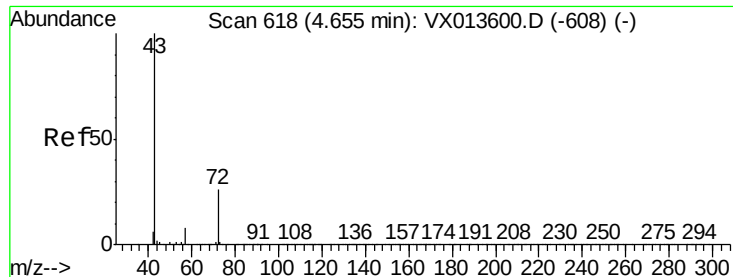
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 257.936 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA\_X

ClientSampled :

Tot Ion: 43 Resp: 1299587

Ion Ratio Lower Upper

43 100

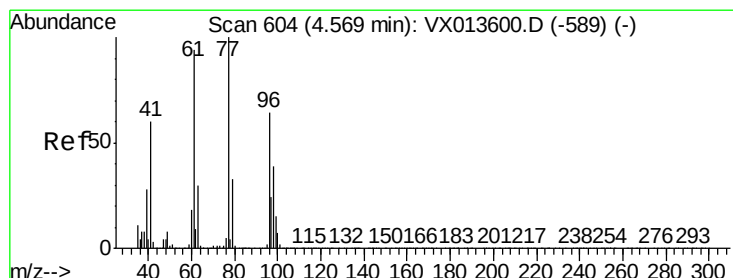
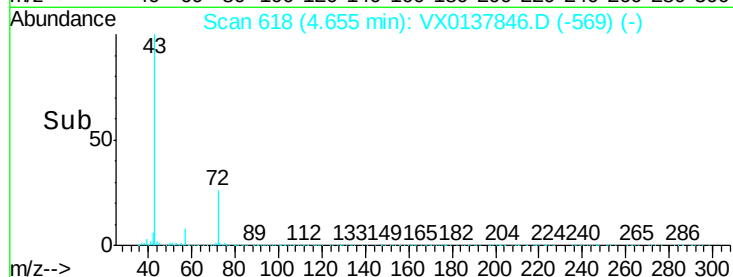
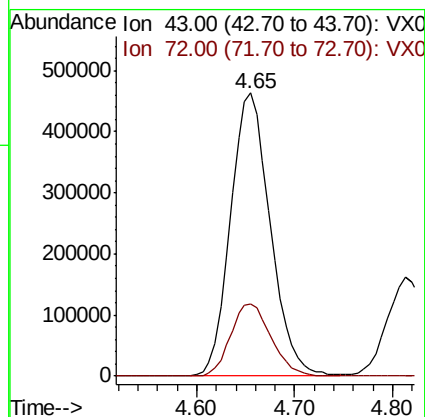
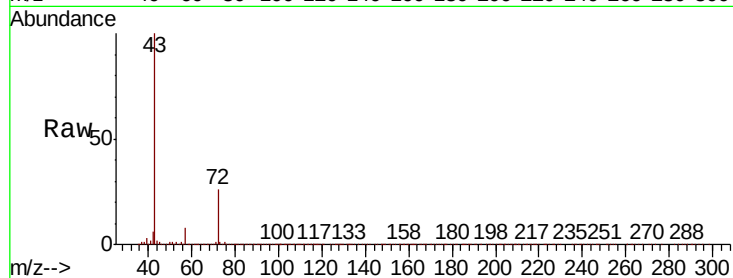
72 25.5 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.007 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX0137846.D

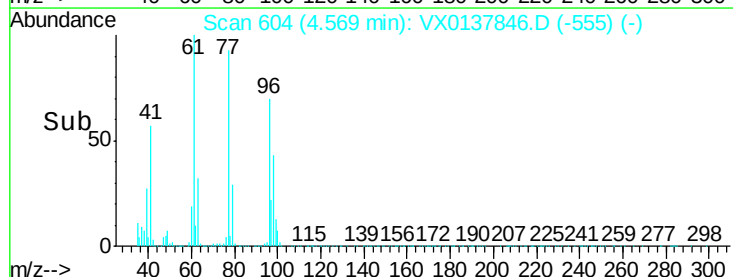
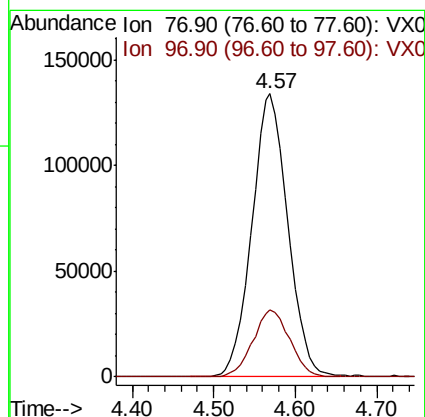
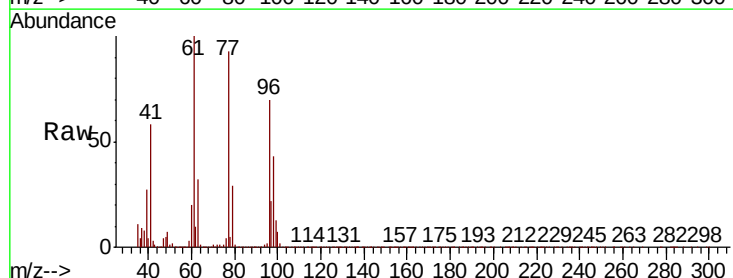
Acq: 09 Dec 2019 11:01

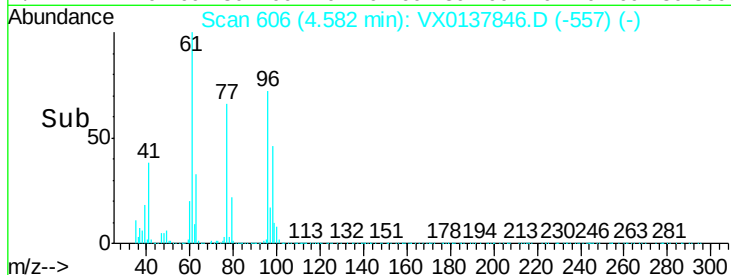
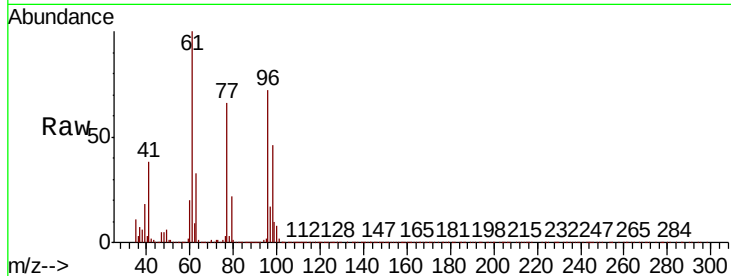
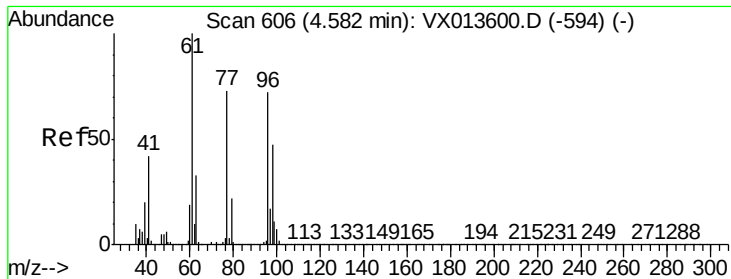
Tgt Ion: 77 Resp: 409349

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

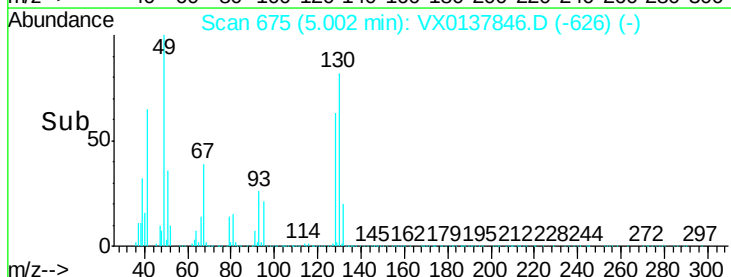
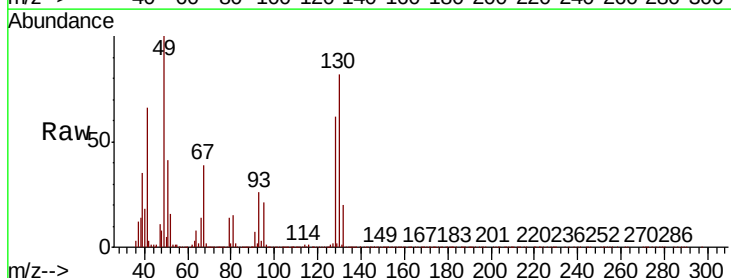
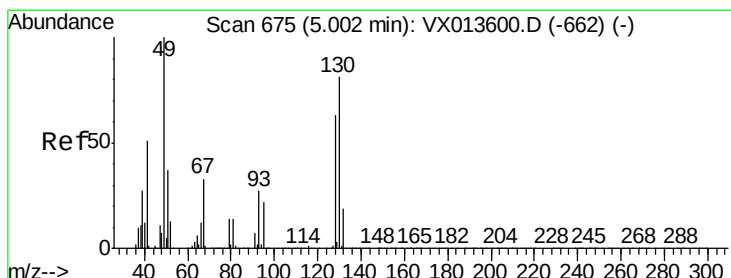
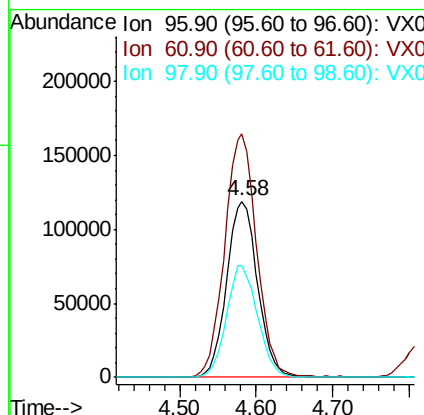
cis-1,2-Dichloroethene  
Concen: 46.902 ug/l  
RT: 4.58 min Scan# 606  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 330334 |       |       |
| 61      | 143.1 | 0.0    | 286.4 |       |
| 98      | 64.5  | 0.0    | 127.4 |       |

Instrument :  
MSVOA\_X  
ClientSampled :

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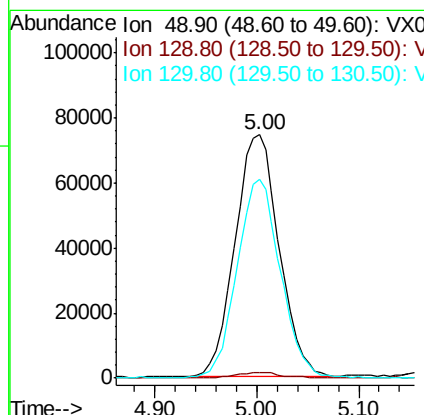
apatel  
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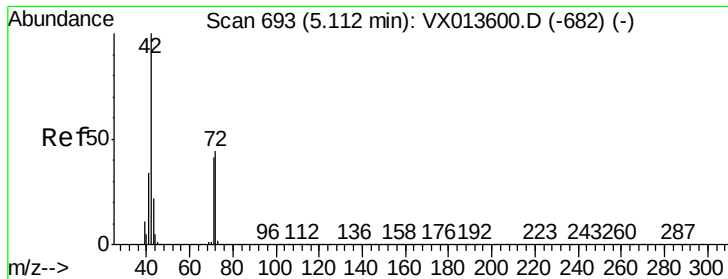


#28

Bromochloromethane  
Concen: 52.657 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 223779 |       |       |
| 129     | 2.4   | 0.0    | 5.0   |       |
| 130     | 80.3  | 65.4   | 98.0  |       |





#29

Tetrahydrofuran

Concen: 253.371 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

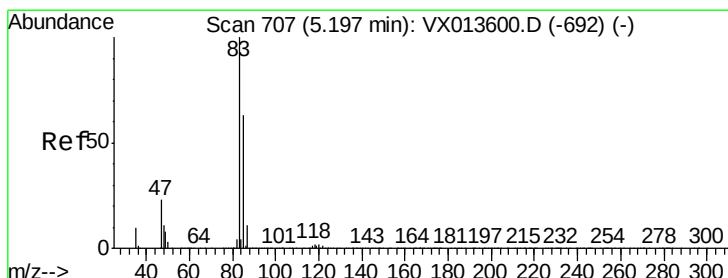
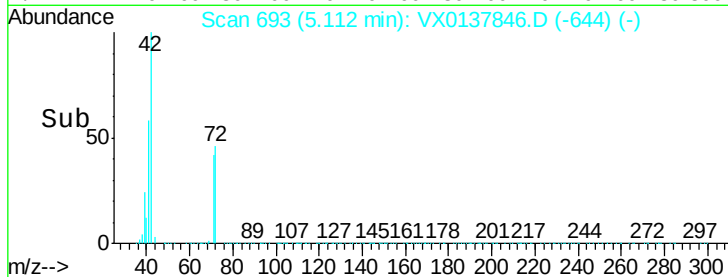
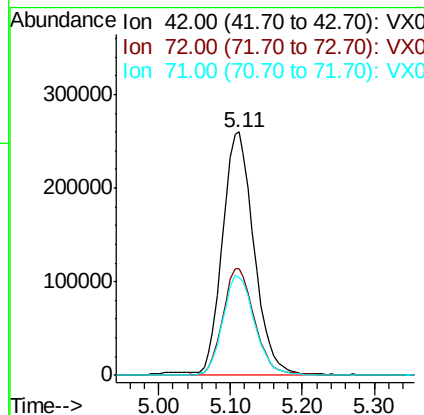
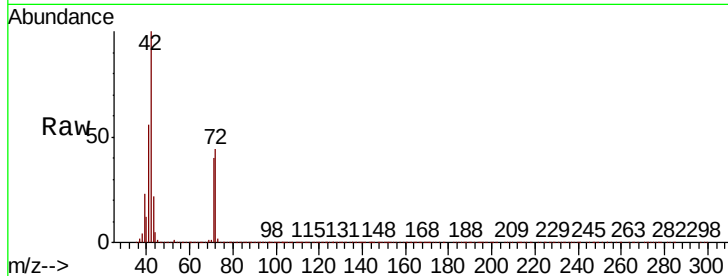
MSVOA\_X

ClientSampled :

| Tot Ion   | 42    | Resp  | 786975 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 72        | 44.4  | 36.3  | 54.5   |
| 71        | 41.1  | 33.2  | 49.8   |

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#30

Chloroform

Concen: 46.985 ug/l

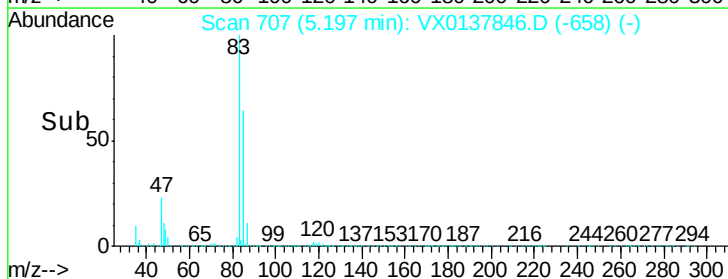
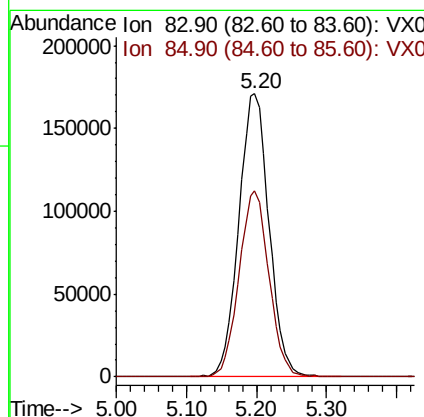
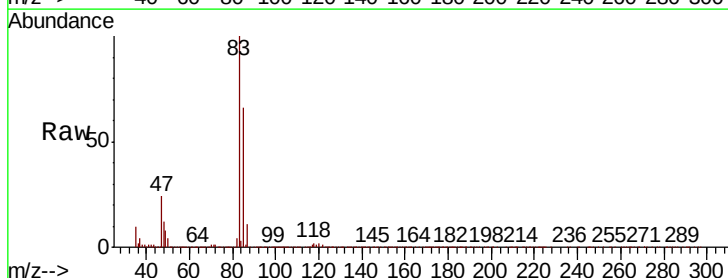
RT: 5.20 min Scan# 707

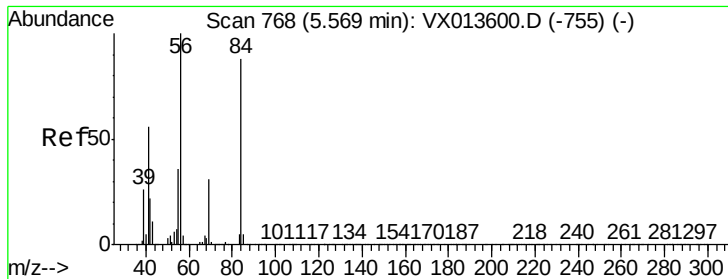
Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

| Tgt Ion   | 83    | Resp  | 512431 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.8  | 50.2  | 75.4   |





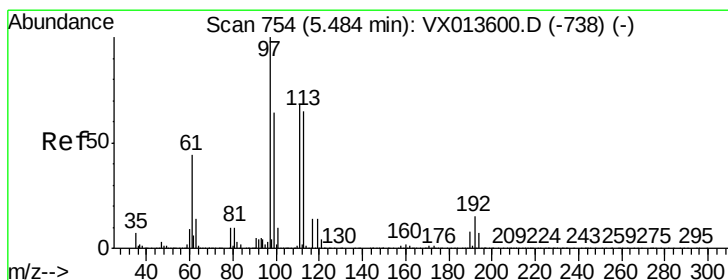
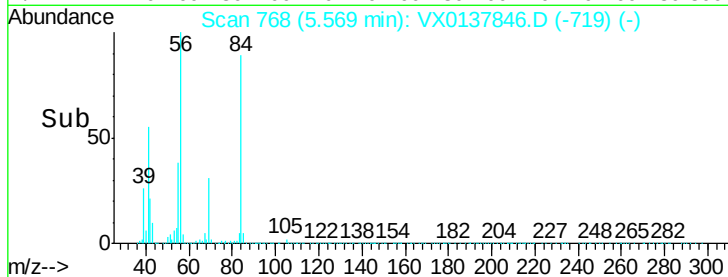
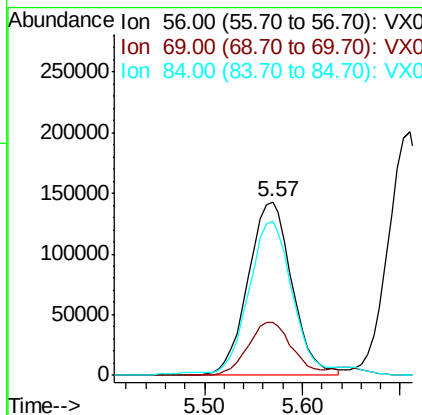
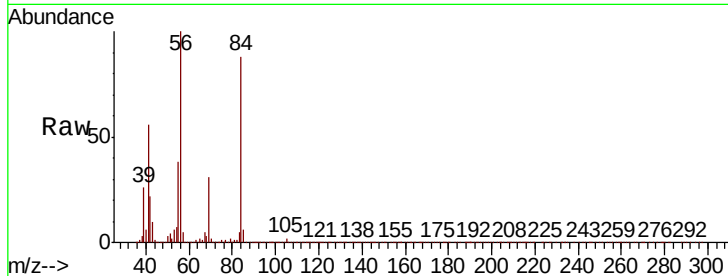
#31  
Cyclohexane  
Concen: 43.983 ug/l  
RT: 5.57 min Scan# 768  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 56 Resp: 446130  
Ion Ratio Lower Upper  
56 100  
69 30.5 24.6 36.8  
84 86.8 70.0 105.0

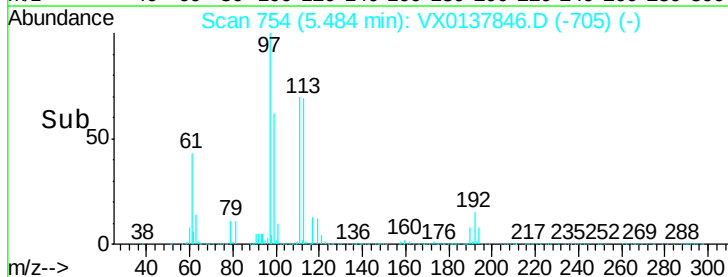
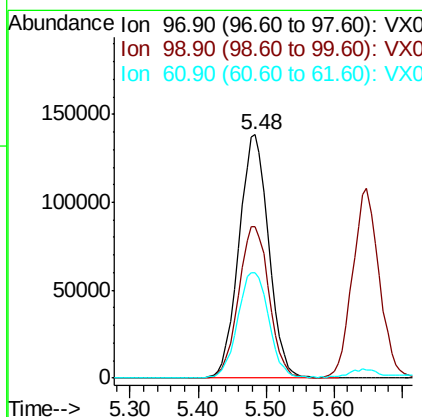
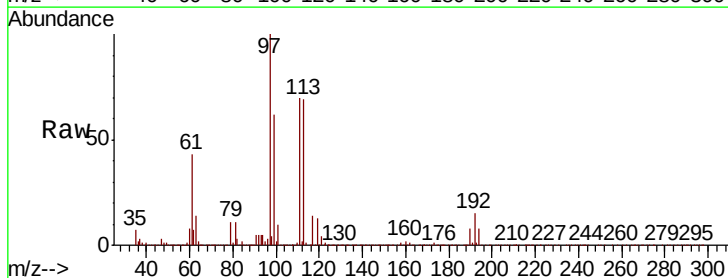
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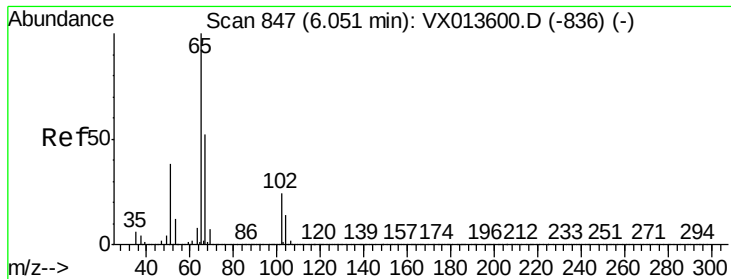
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#32  
1,1,1-Trichloroethane  
Concen: 46.321 ug/l  
RT: 5.48 min Scan# 754  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Tgt Ion: 97 Resp: 422172  
Ion Ratio Lower Upper  
97 100  
99 63.3 51.6 77.4  
61 44.6 36.1 54.1





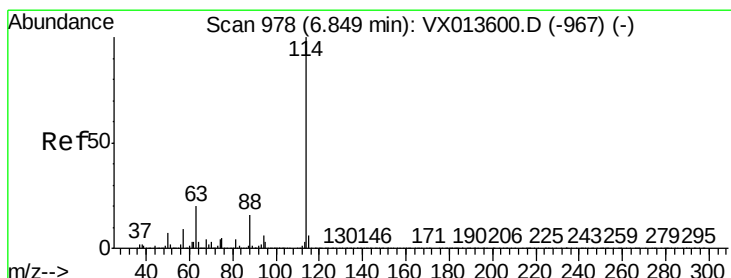
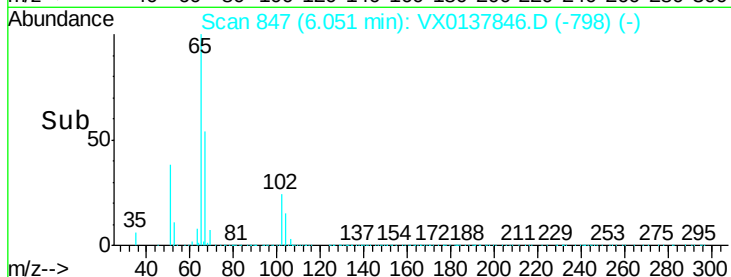
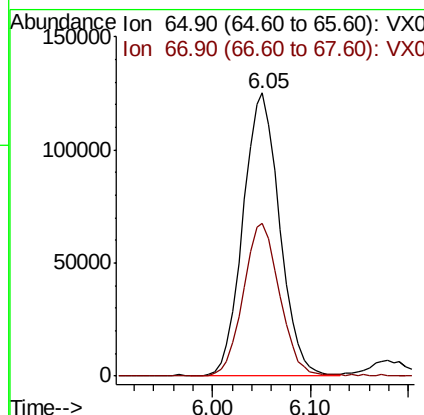
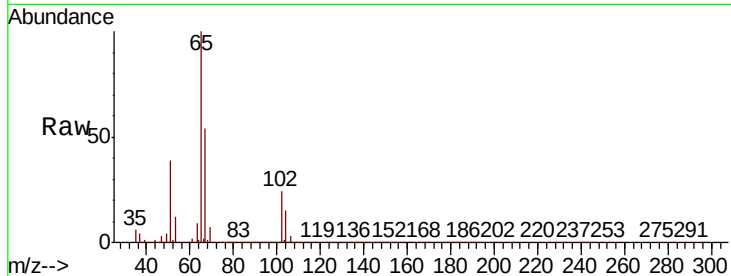
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.072 ug/l  
 RT: 6.05 min Scan# 847  
 Delta R.T. 0.00 min  
 Lab File: VX0137846.D  
 Acq: 09 Dec 2019 11:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 323224 |       |       |
| 67      | 53.4  | 0.0    | 104.4 |       |

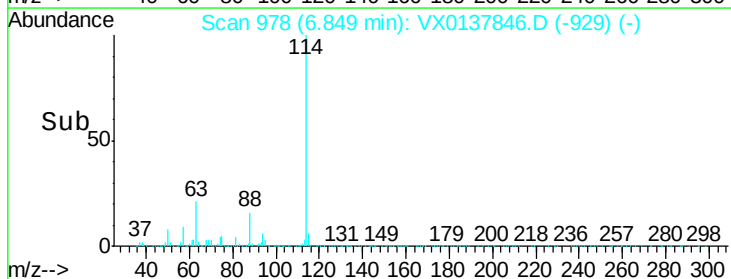
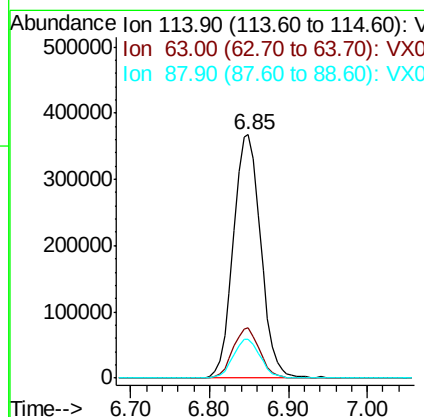
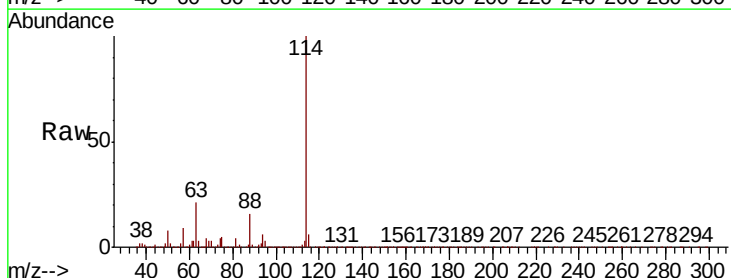
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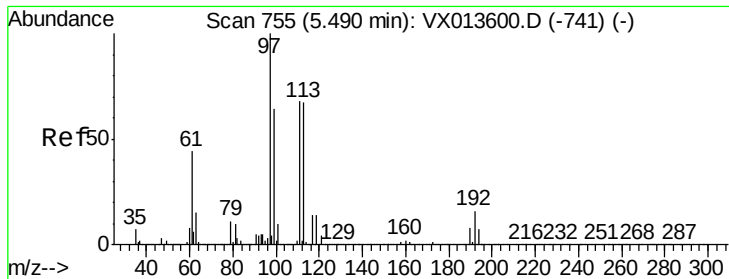
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. 0.00 min  
 Lab File: VX0137846.D  
 Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 889832 |       |       |
| 63      | 20.6  | 0.0    | 39.6  |       |
| 88      | 15.8  | 0.0    | 31.4  |       |





#35

Dibromofluoromethane

Concen: 48.969 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

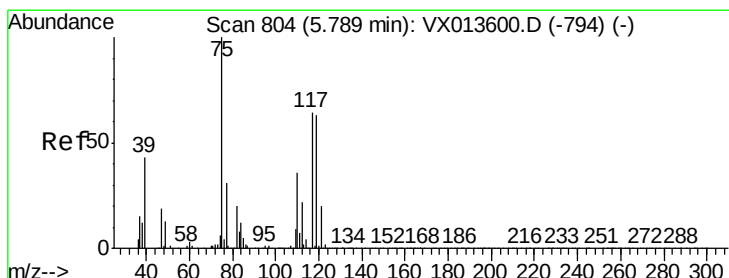
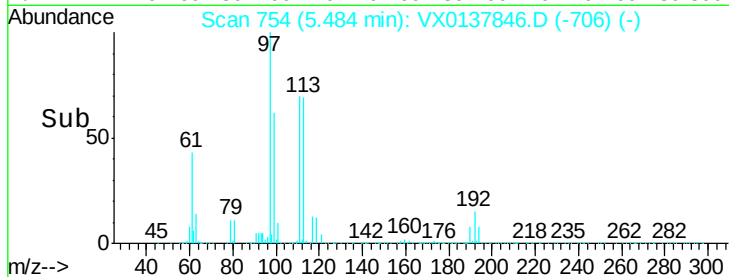
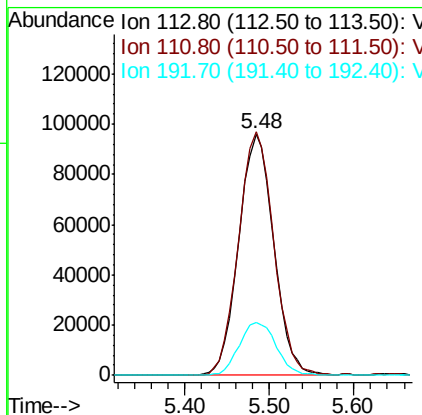
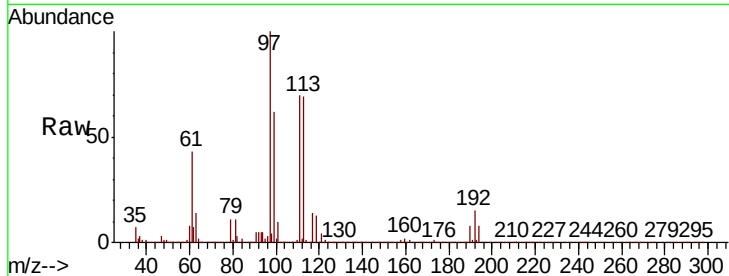
MSVOA\_X

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 269382 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.7 | 83.6  | 125.4  |
| 192       | 23.0  | 19.2  | 28.8   |

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#36

1,1-Dichloropropene

Concen: 46.044 ug/l

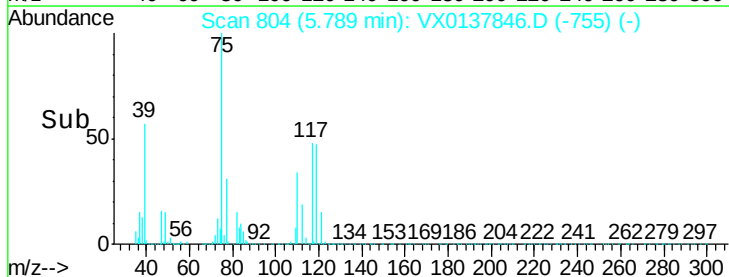
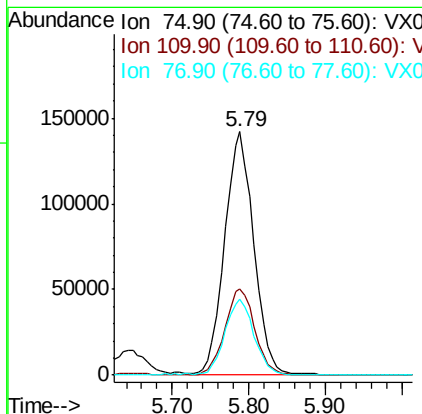
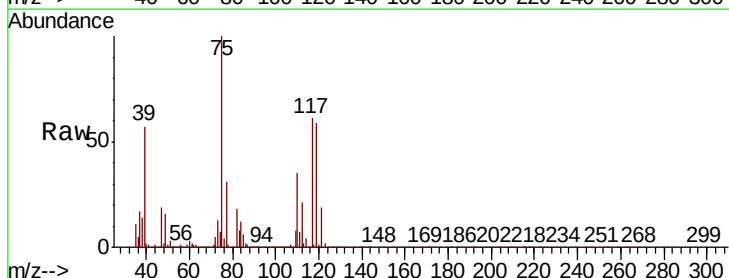
RT: 5.79 min Scan# 804

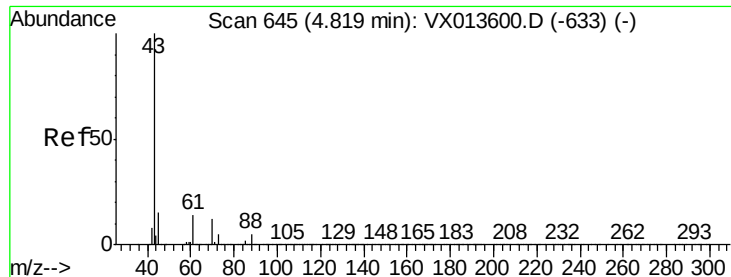
Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 371918 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.4  | 18.1  | 54.1   |
| 77        | 31.1  | 24.5  | 36.7   |





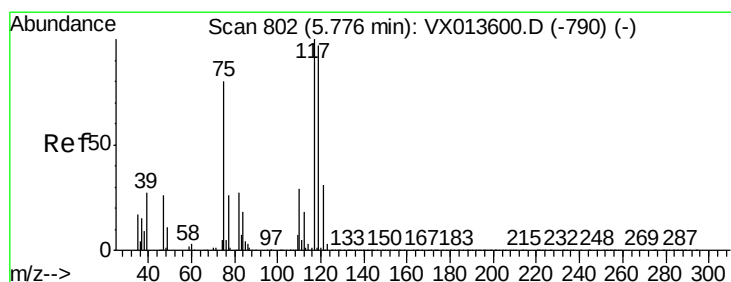
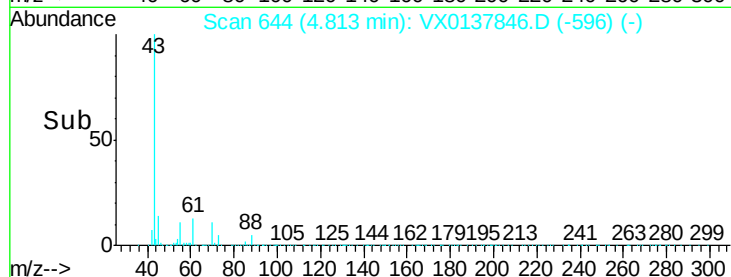
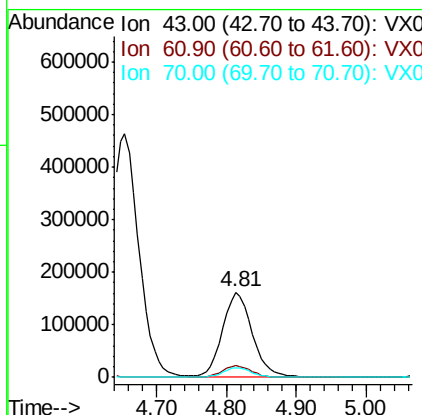
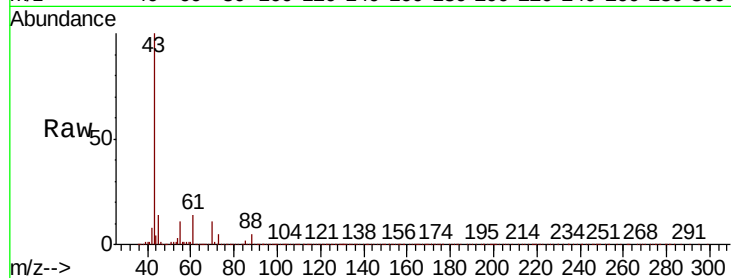
#37  
Ethyl Acetate  
Concen: 52.293 ug/l  
RT: 4.81 min Scan# 644  
Delta R.T. -0.01 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.5  | 11.0  | 16.4  |
| 70      | 10.7  | 8.6   | 12.8  |

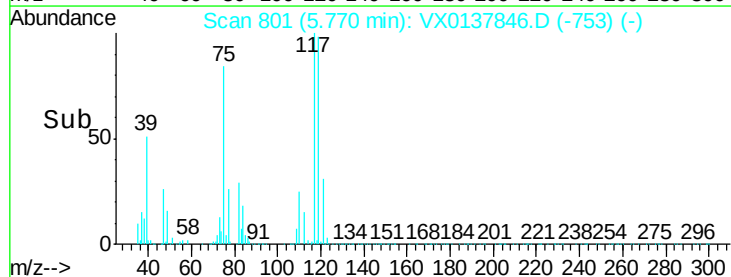
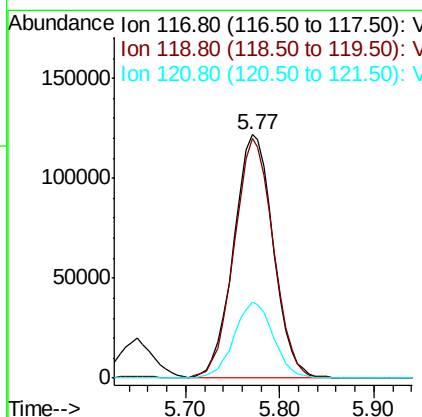
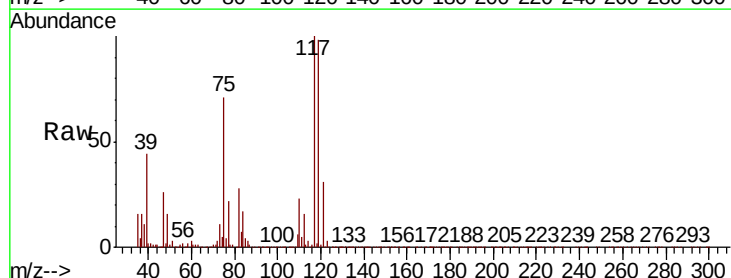
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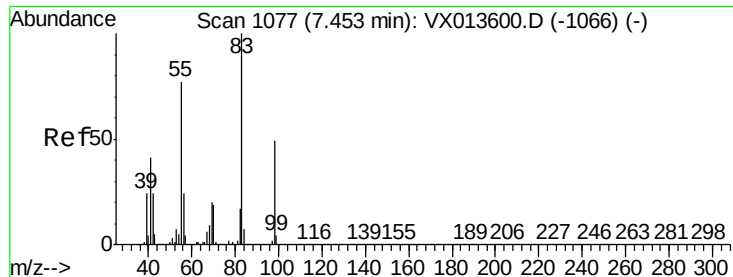


#38  
Carbon Tetrachloride  
Concen: 47.867 ug/l  
RT: 5.77 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.4  | 77.5  | 116.3 |
| 121     | 30.8  | 25.0  | 37.6  |







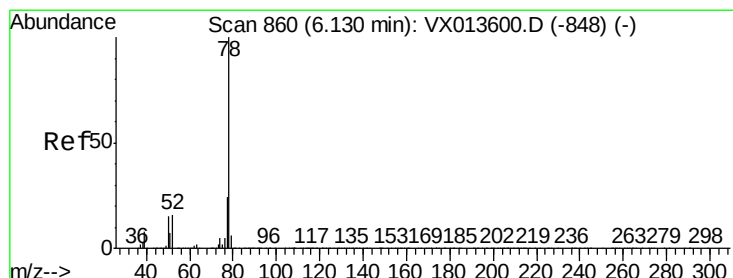
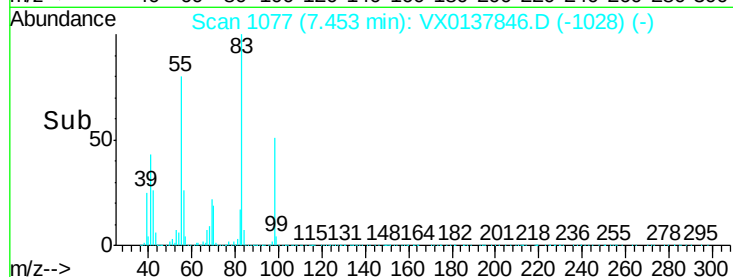
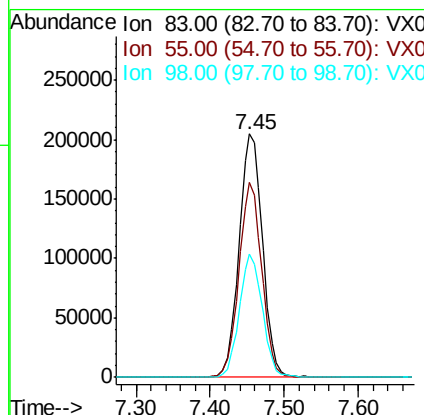
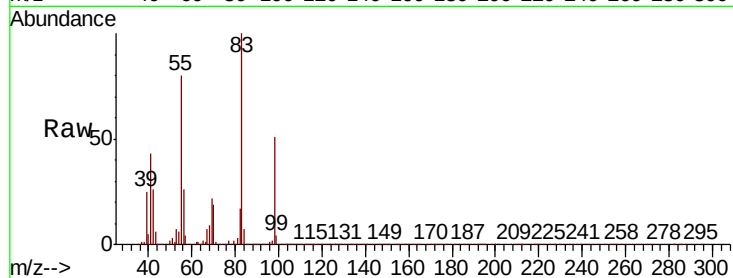
#39  
Methvlcvclohexane  
Concen: 45.112 ug/l  
RT: 7.45 min Scan# 1077  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 80.1  | 61.9  | 92.9  |
| 98      | 50.5  | 39.4  | 59.0  |

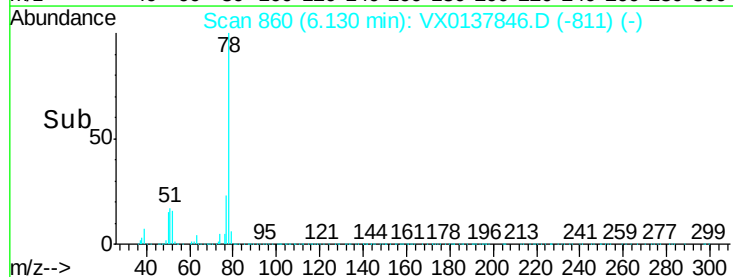
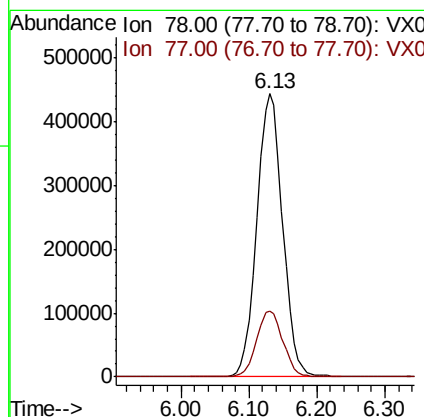
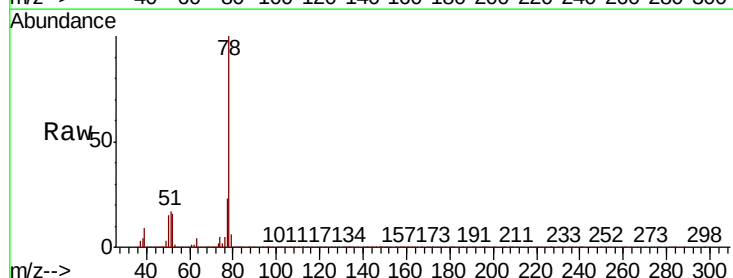
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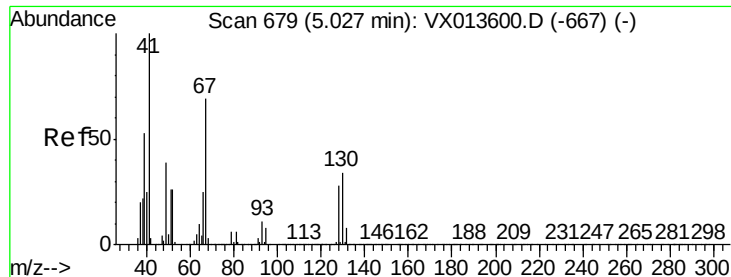
apatel  
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#40  
Benzene  
Concen: 47.673 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.3  | 19.0  | 28.4  |





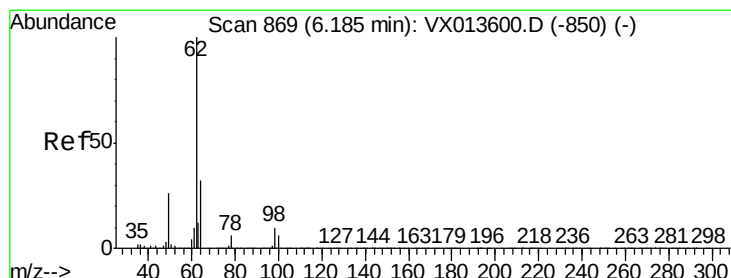
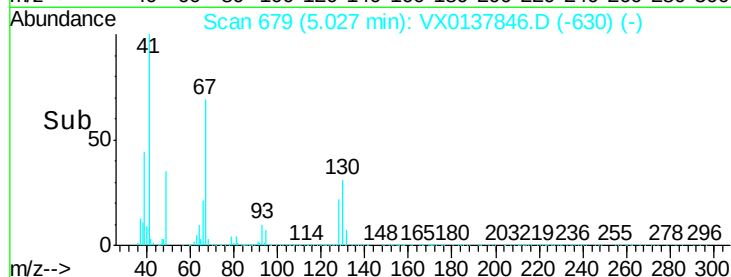
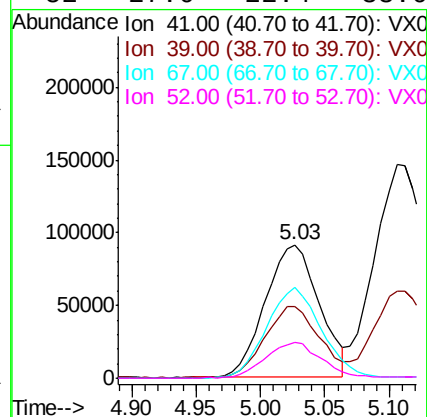
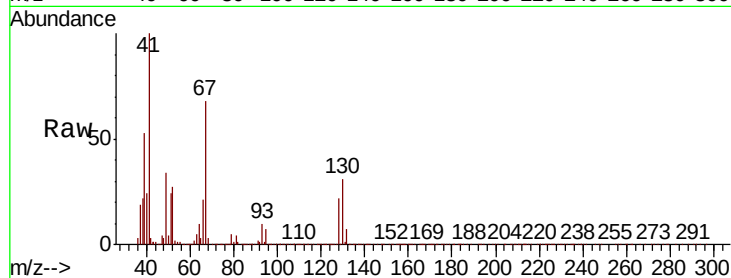
#41  
Methacrylonitrile  
Concen: 53.572 ug/l  
RT: 5.03 min Scan# 679  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 266231 |       |       |
| 39      | 53.5 | 42.9  | 64.3   |       |       |
| 67      | 70.6 | 57.4  | 86.0   |       |       |
| 52      | 27.6 | 22.4  | 33.6   |       |       |

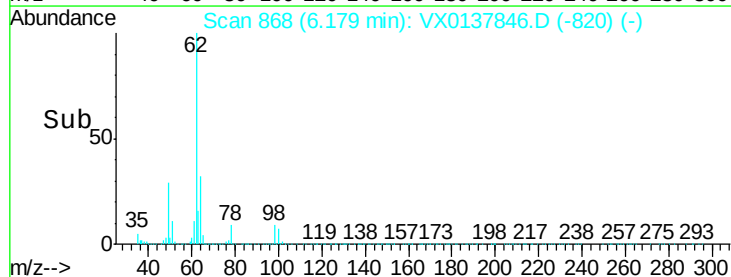
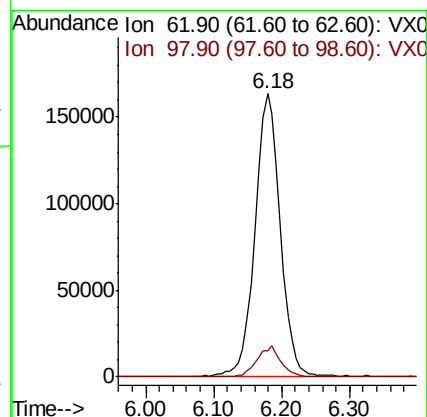
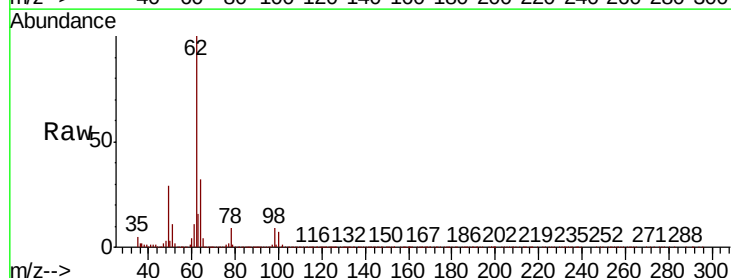
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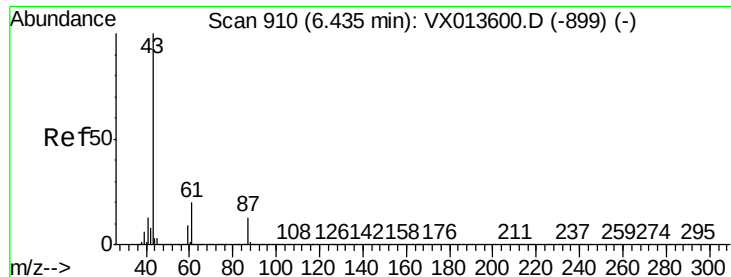
apatel  
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#42  
1,2-Dichloroethane  
Concen: 50.213 ug/l  
RT: 6.18 min Scan# 868  
Delta R.T. -0.01 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 62      | 100  |       | 421287 |       |       |
| 98      | 10.0 | 0.0   | 20.8   |       |       |





#43

Isopropyl Acetate

Concen: 51.473 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

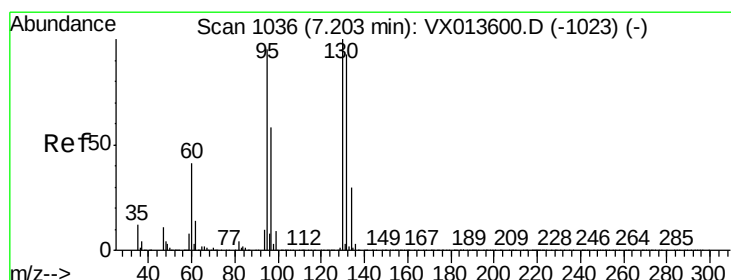
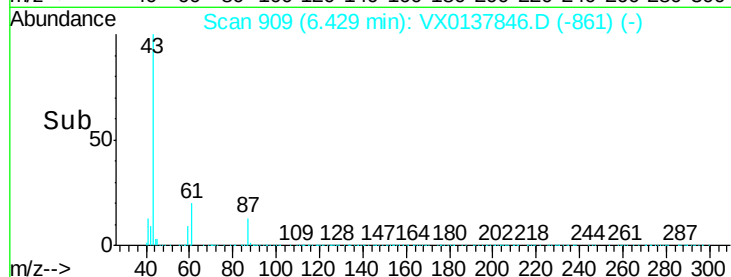
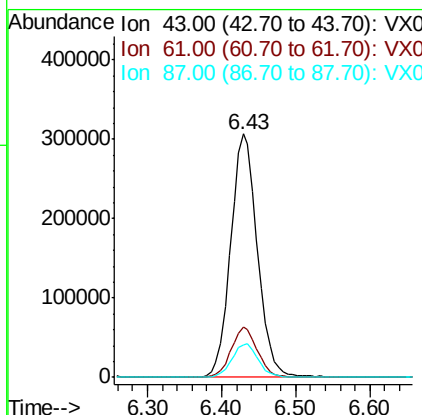
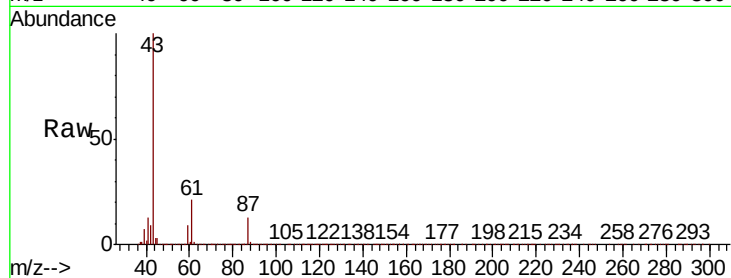
MSVOA\_X

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 767888 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.2  | 16.3  | 24.5   |
| 87       | 13.5  | 10.8  | 16.2   |

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#44

Trichloroethene

Concen: 46.344 ug/l

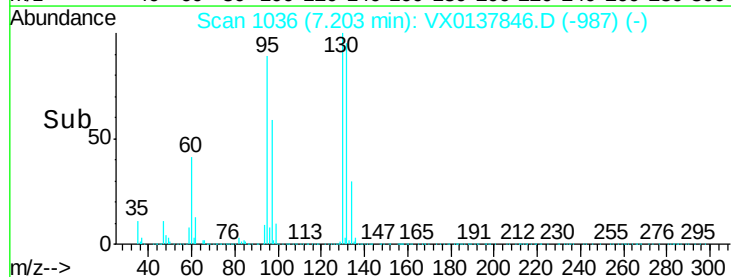
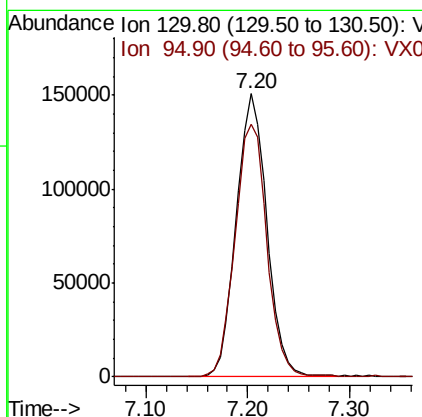
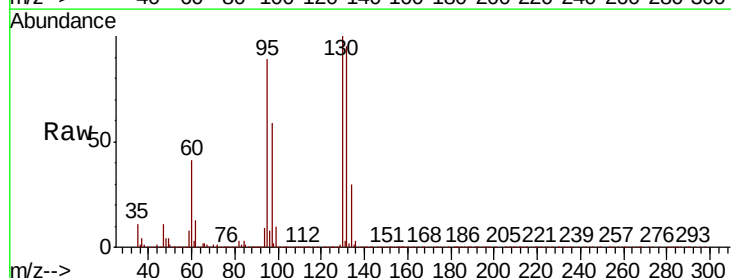
RT: 7.20 min Scan# 1036

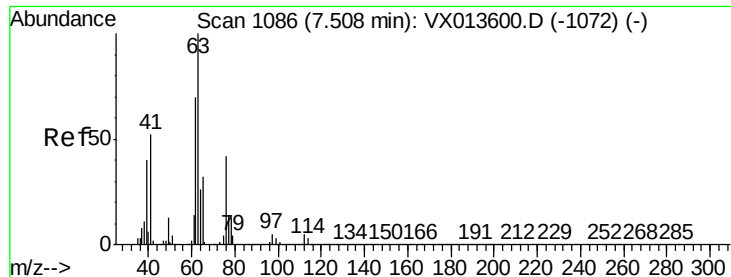
Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 312901 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 89.3  | 0.0   | 190.8  |





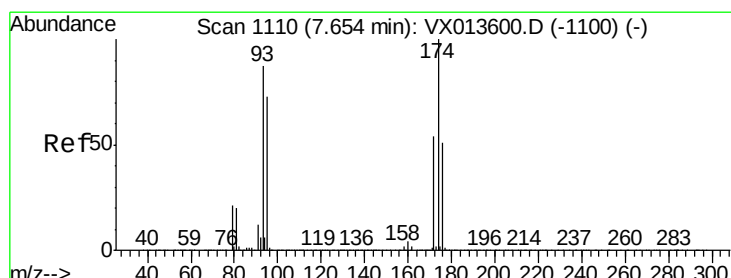
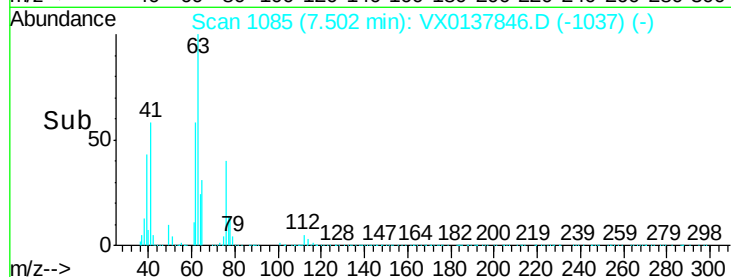
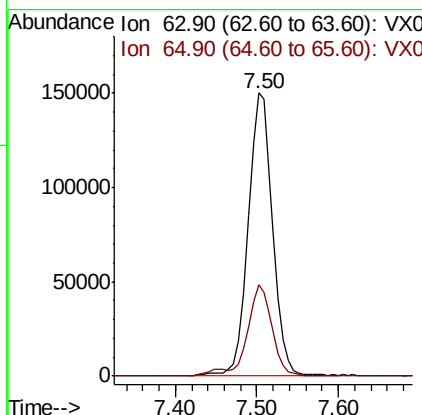
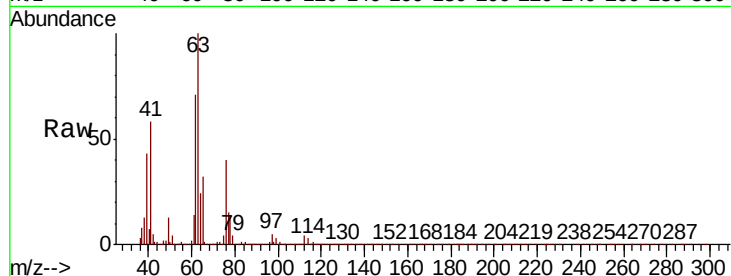
#45  
 1,2-Dichloropropane  
 Concen: 50.862 ug/l  
 RT: 7.50 min Scan# 1085  
 Delta R.T. -0.01 min  
 Lab File: VX0137846.D  
 Acq: 09 Dec 2019 11:01

Instrument :  
 MSVOA\_X  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 32.2  | 25.5  | 38.3  |

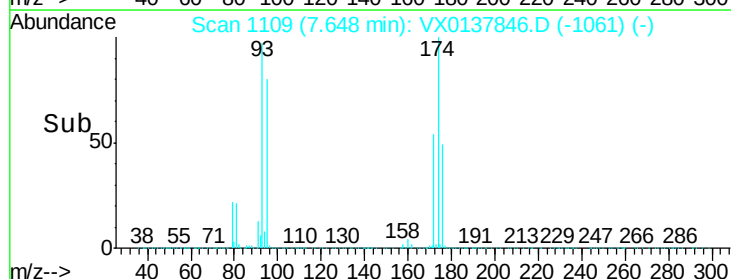
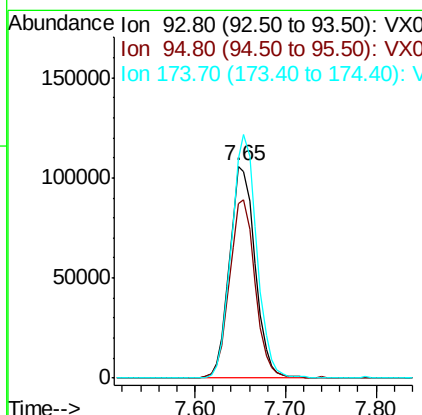
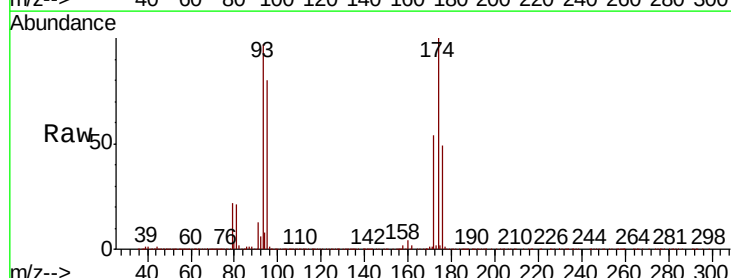
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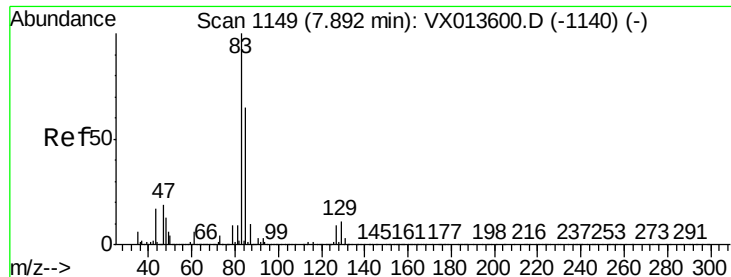
apatel  
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#46  
 Dibromomethane  
 Concen: 49.341 ug/l  
 RT: 7.65 min Scan# 1109  
 Delta R.T. -0.01 min  
 Lab File: VX0137846.D  
 Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 84.0  | 66.2  | 99.2  |
| 174     | 114.9 | 93.4  | 140.0 |





#47

Bromodichloromethane

Concen: 52.225 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

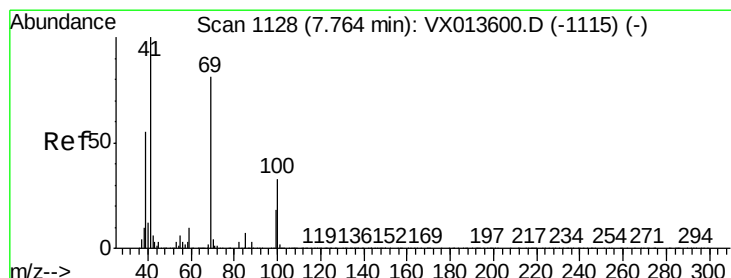
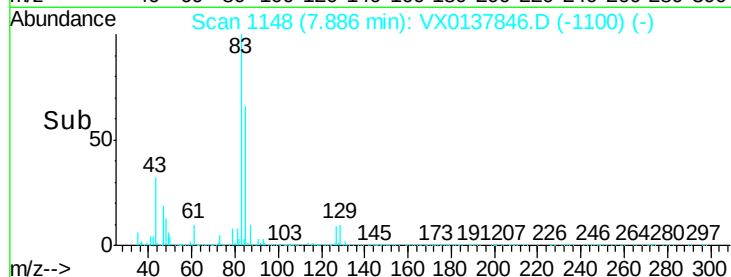
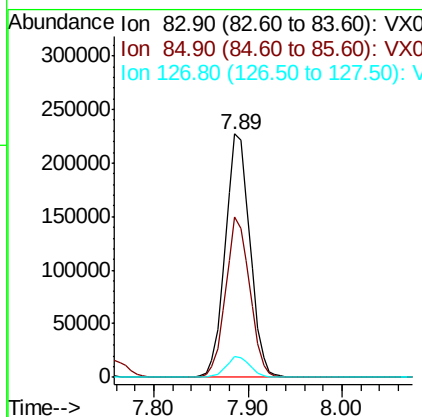
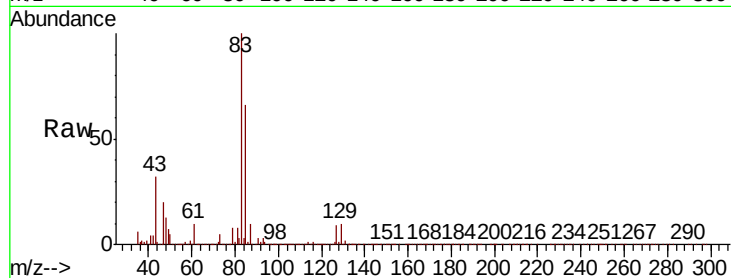
MSVOA\_X

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 412732 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.6  | 52.1  | 78.1   |
| 127      | 8.5   | 7.0   | 10.4   |

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#48

Methyl methacrylate

Concen: 52.897 ug/l

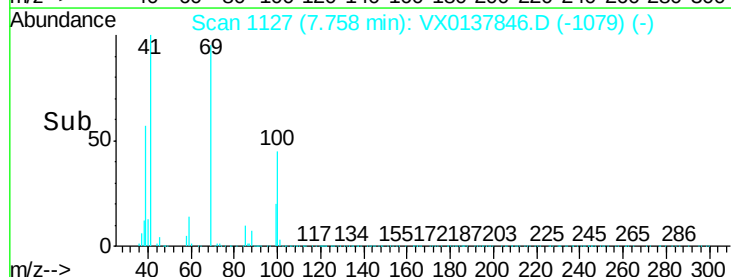
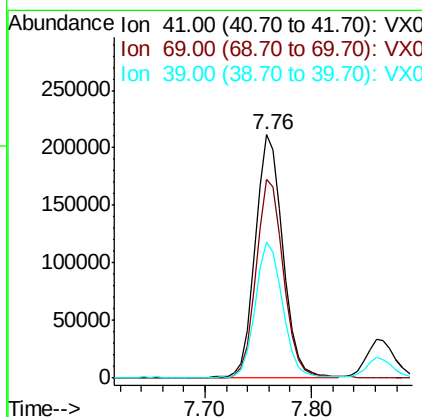
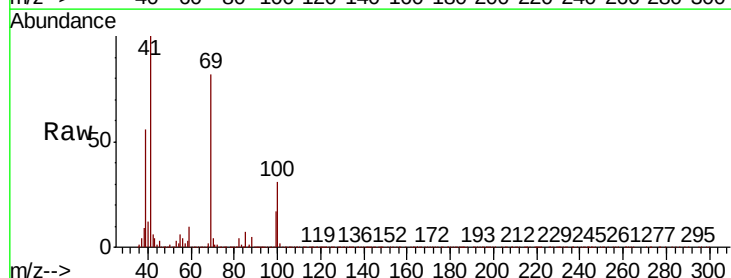
RT: 7.76 min Scan# 1127

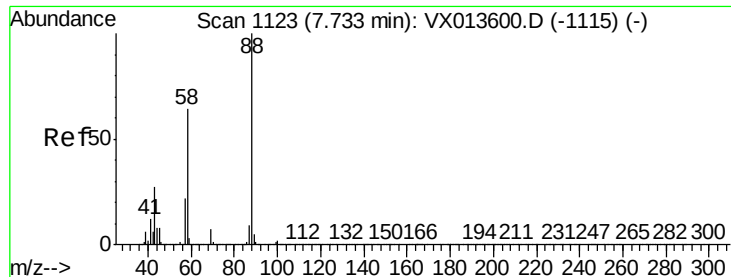
Delta R.T. -0.01 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 383422 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 81.9  | 64.7  | 97.1   |
| 39       | 55.4  | 43.8  | 65.6   |





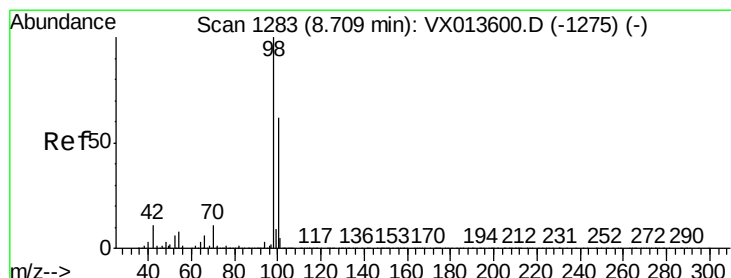
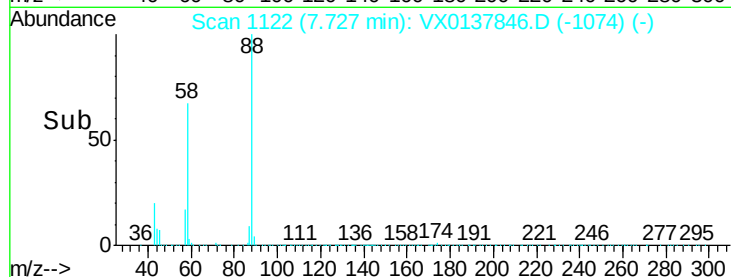
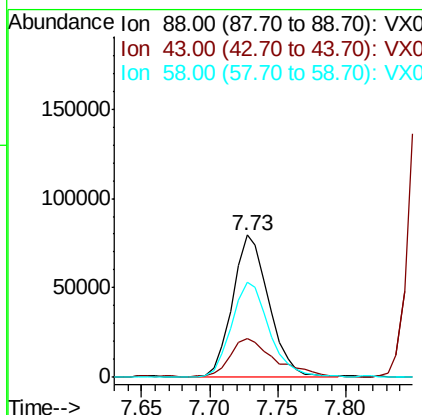
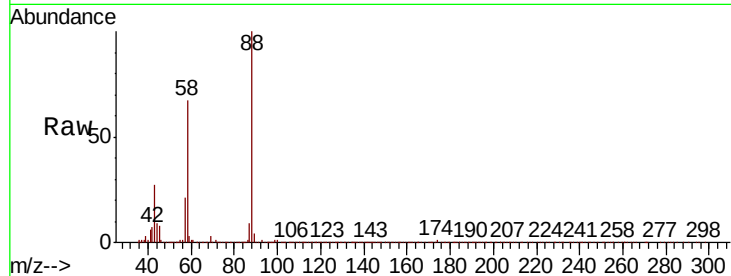
#49  
1,4-Dioxane  
Concen: 910.201 ug/l  
RT: 7.73 min Scan# 1122  
Delta R.T. -0.01 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 33.0  | 25.8  | 38.6  |
| 58      | 69.3  | 54.6  | 82.0  |

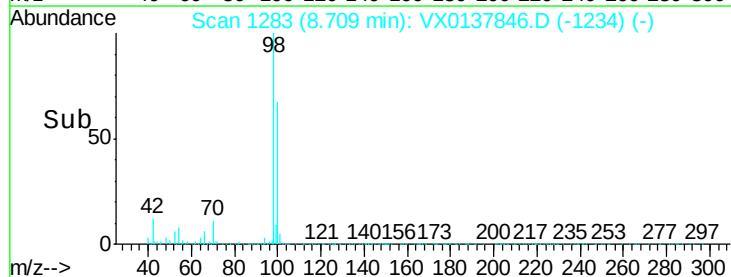
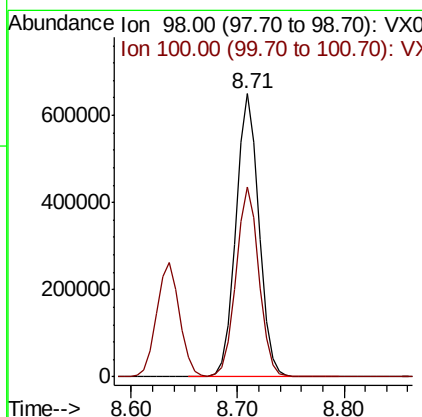
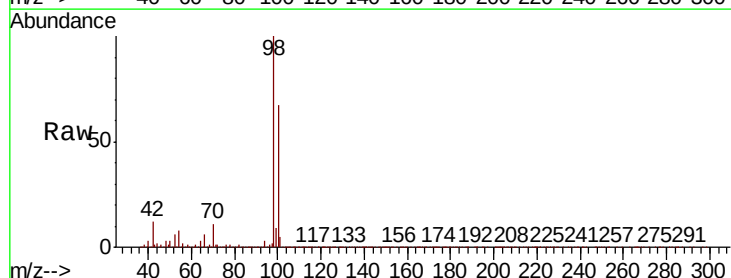
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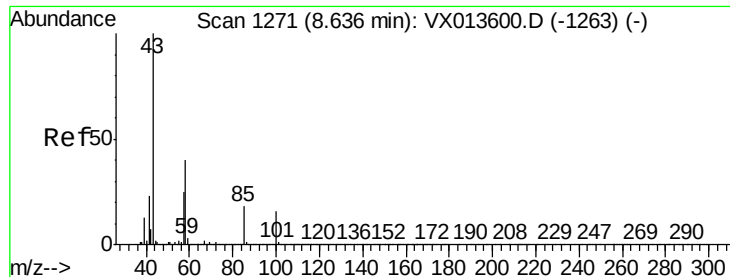
apatel  
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#50  
Toluene-d8  
Concen: 46.030 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.7  | 53.1  | 79.7  |





#51

4-Methyl-2-Pentanone

Concen: 260.223 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA\_X

ClientSampled :

Tot Ion: 43 Resp: 2441931

Ion Ratio Lower Upper

43 100

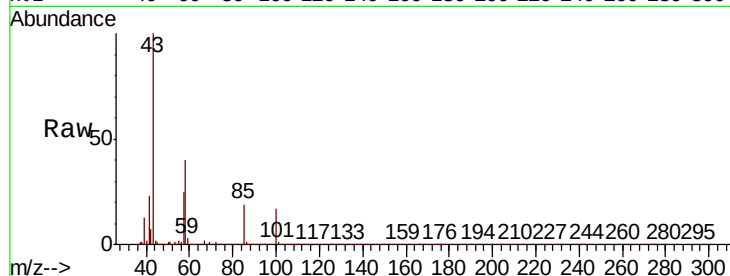
58 39.5 32.1 48.1

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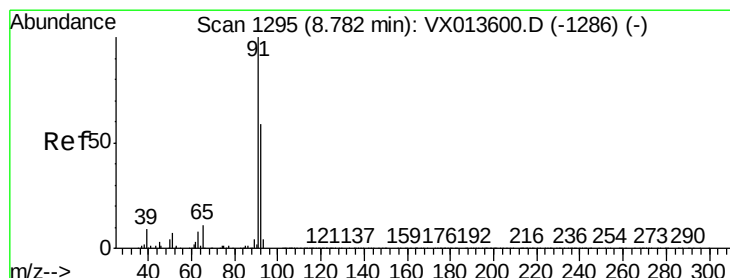
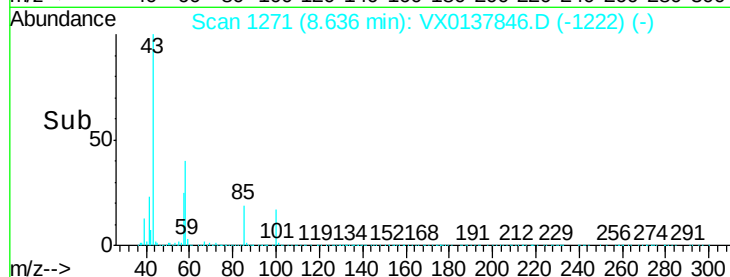
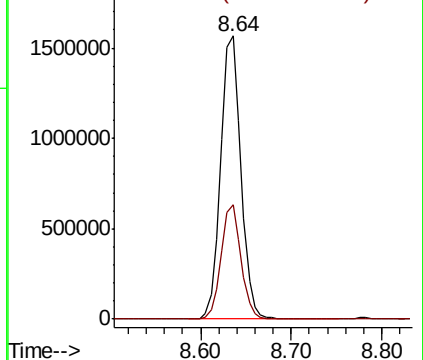
apatel

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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: 48.143 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX0137846.D

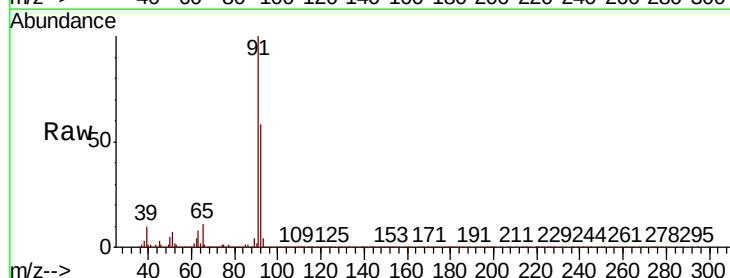
Acq: 09 Dec 2019 11:01

Tgt Ion: 92 Resp: 735787

Ion Ratio Lower Upper

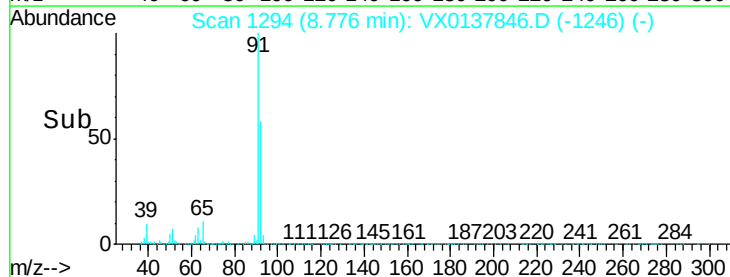
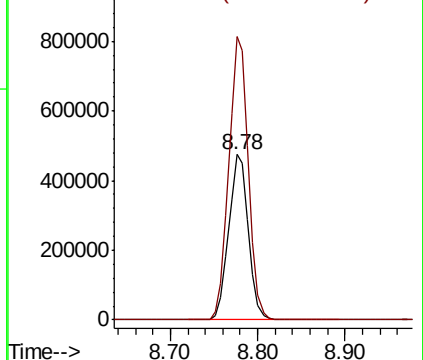
92 100

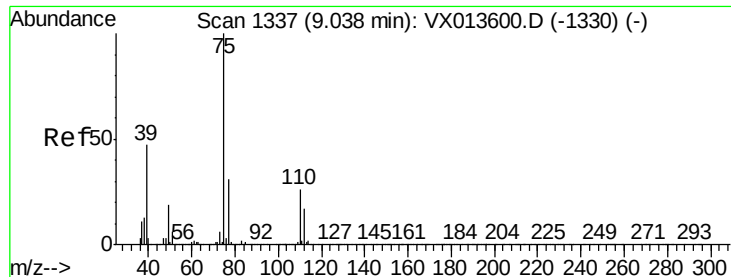
91 171.3 136.2 204.2



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: 51.032 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 75 Resp: 459055

Ion Ratio Lower Upper

75 100

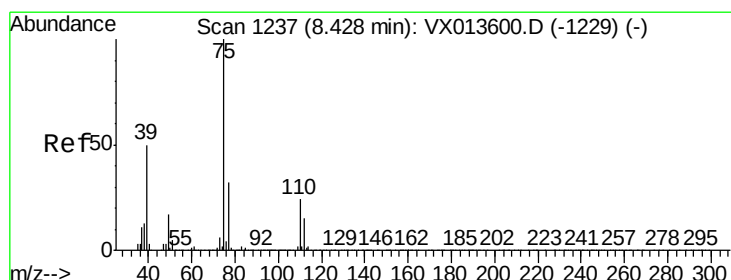
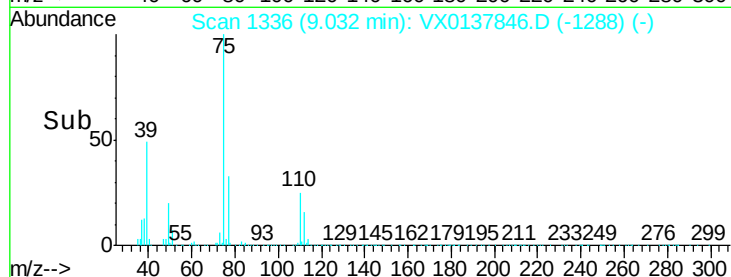
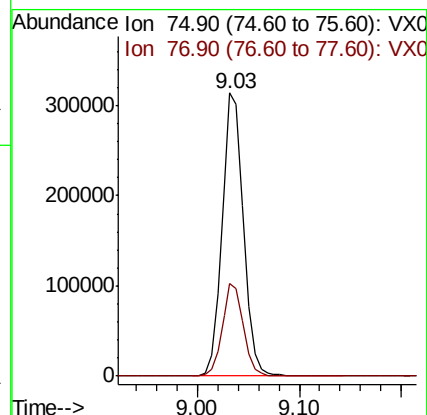
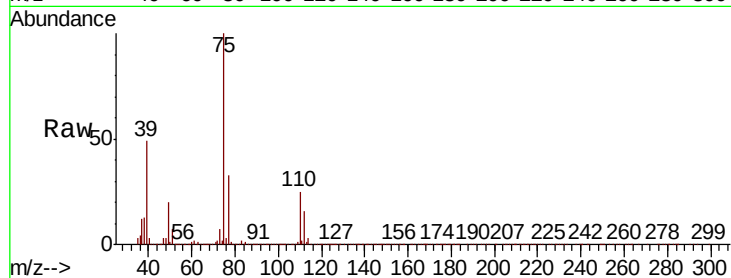
77 32.9 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 51.956 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

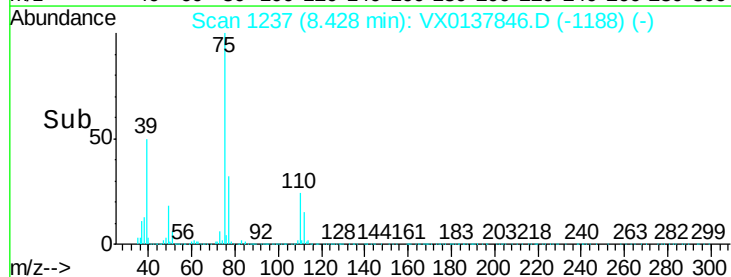
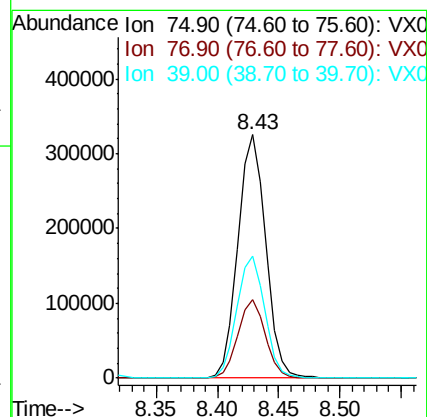
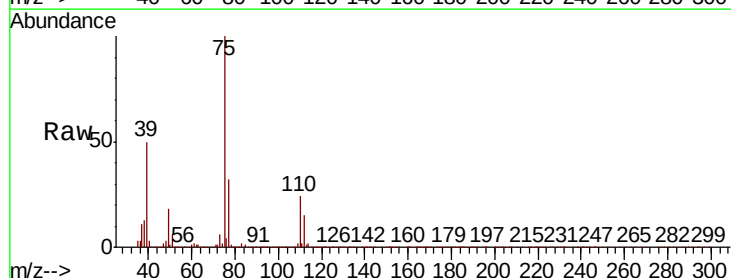
Tgt Ion: 75 Resp: 510607

Ion Ratio Lower Upper

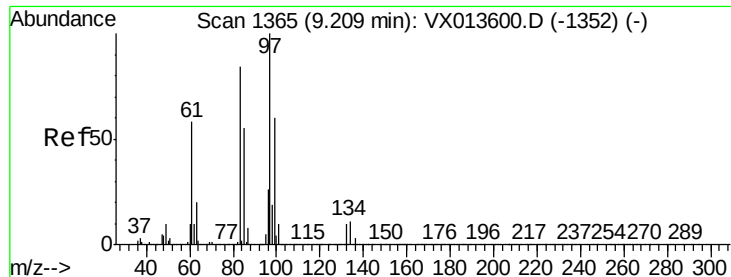
75 100

77 32.4 25.8 38.6

39 50.3 39.9 59.9







#55

1,1,2-Trichloroethane

Concen: 52.211 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

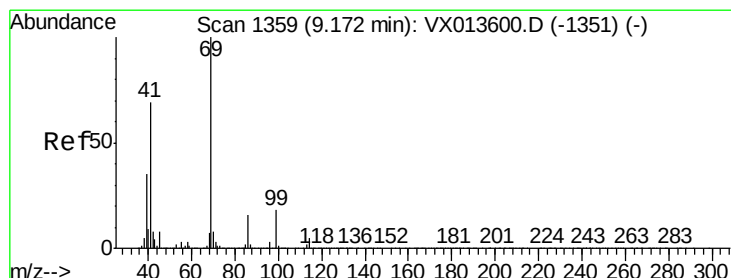
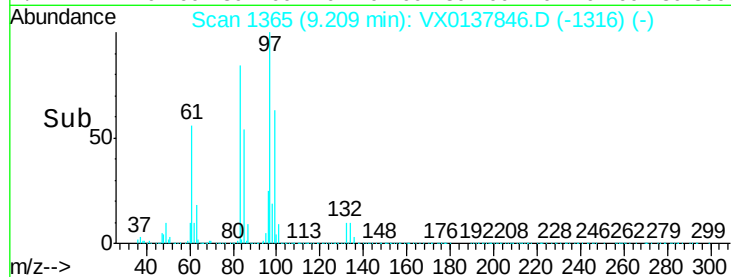
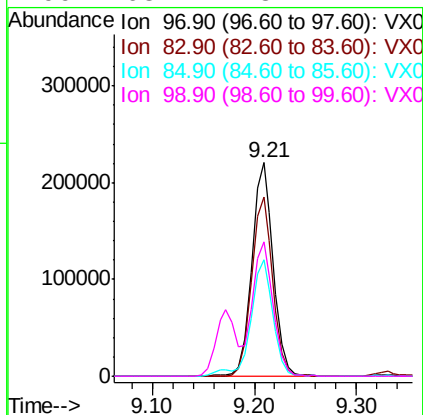
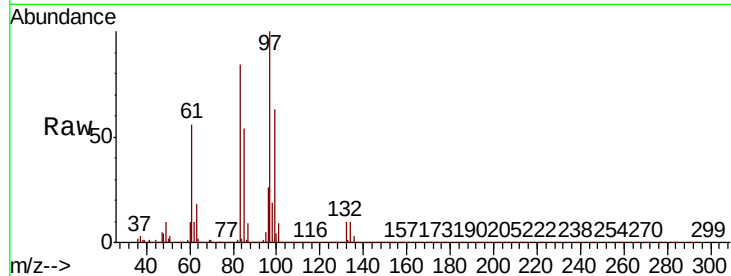
MSVOA\_X

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 321563 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.0  | 67.3  | 100.9  |
| 85       | 54.3  | 43.6  | 65.4   |
| 99       | 63.1  | 48.2  | 72.4   |

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#56

Ethyl methacrylate

Concen: 52.665 ug/l

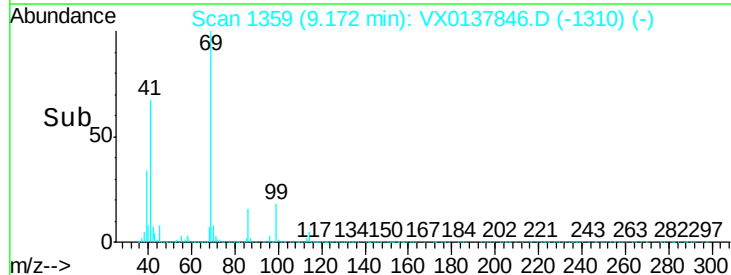
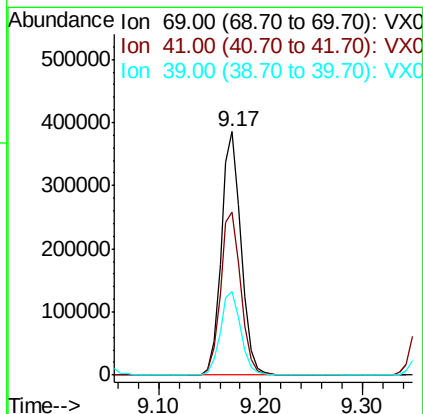
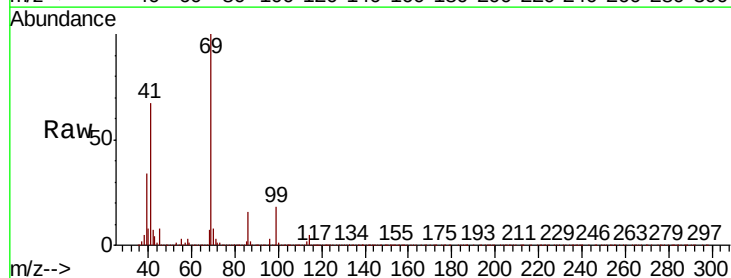
RT: 9.17 min Scan# 1359

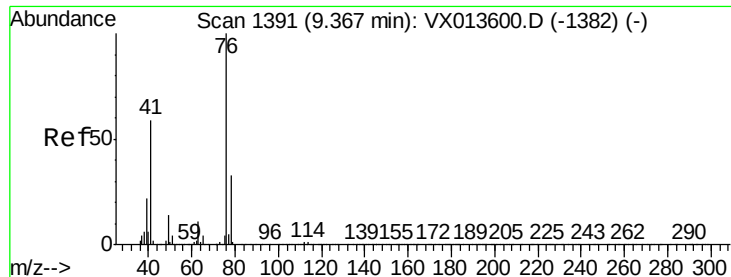
Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 521484 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.3  | 55.0  | 82.4   |
| 39       | 35.1  | 28.7  | 43.1   |





#57

1,3-Dichloropropane

Concen: 50.488 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 76 Resp: 535976

Ion Ratio Lower Upper

76 100

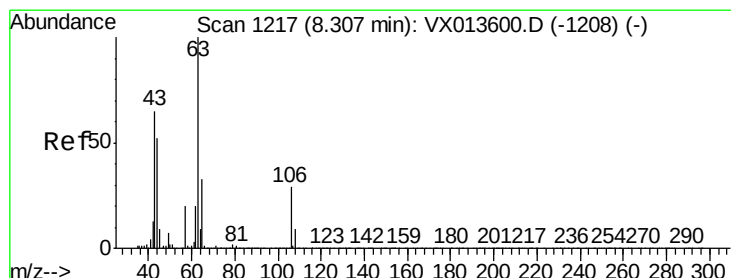
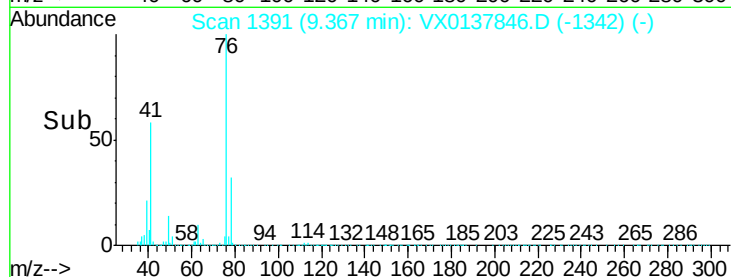
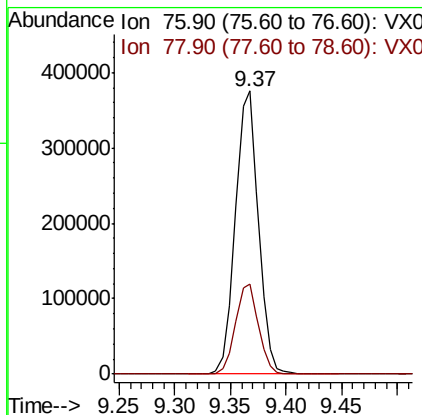
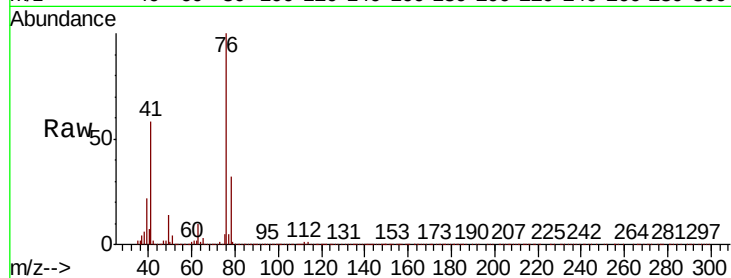
78 31.7 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 244.455 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX0137846.D

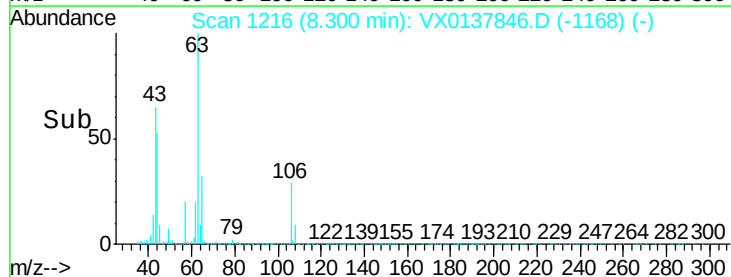
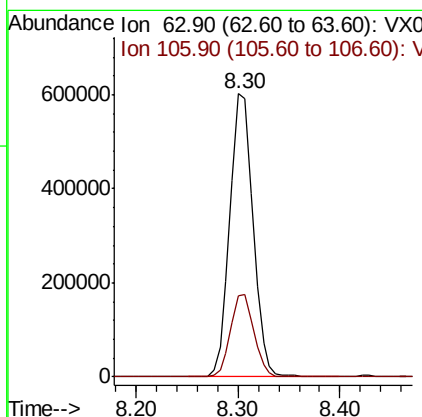
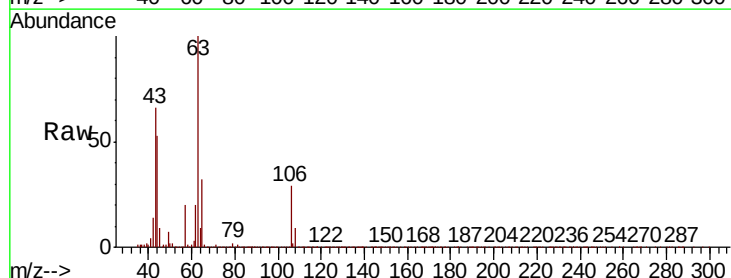
Acq: 09 Dec 2019 11:01

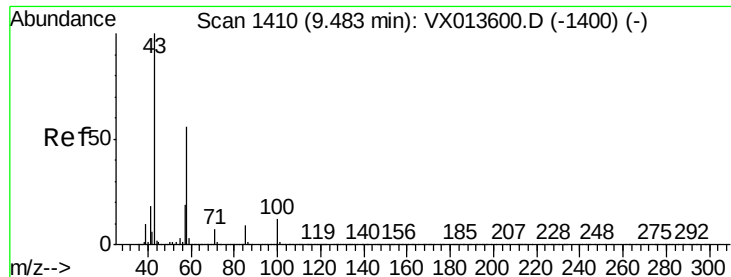
Tgt Ion: 63 Resp: 949042

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.0





#59

2-Hexanone

Concen: 258.285 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 43 Resp: 1890340

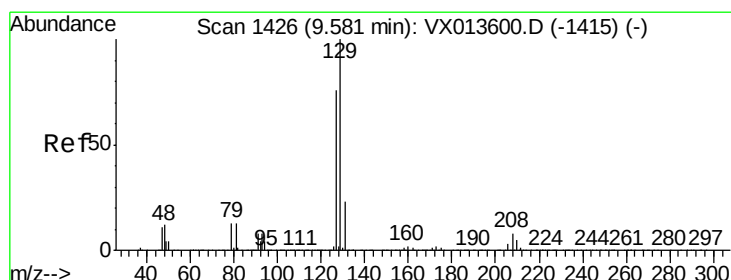
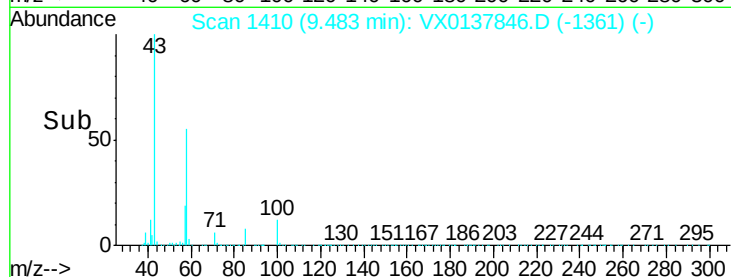
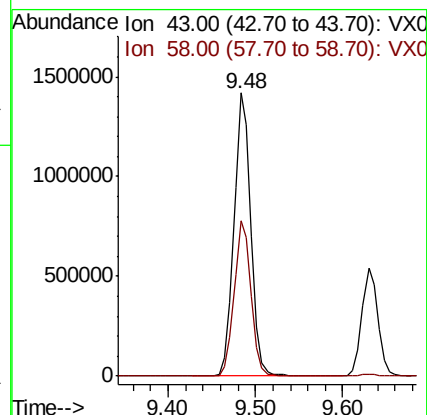
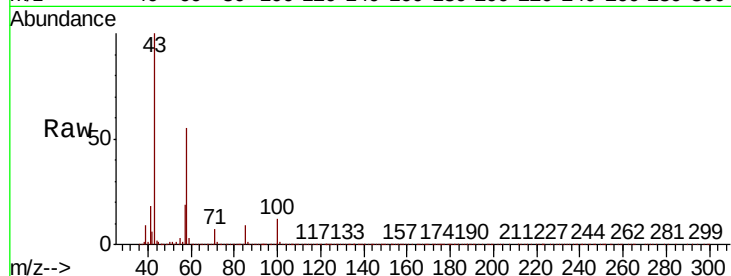
Ion Ratio Lower Upper

43 100

58 55.2 28.1 84.4

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#60

Dibromochloromethane

Concen: 52.771 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX0137846.D

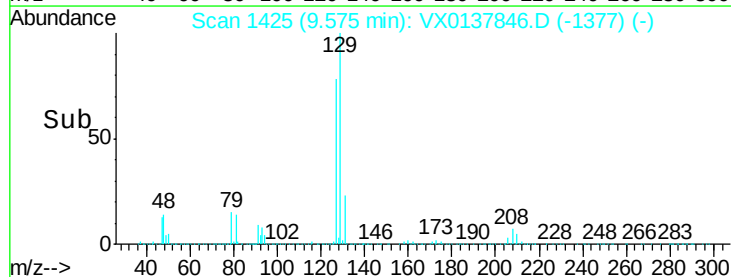
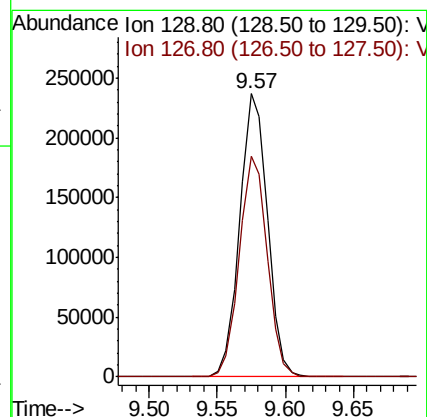
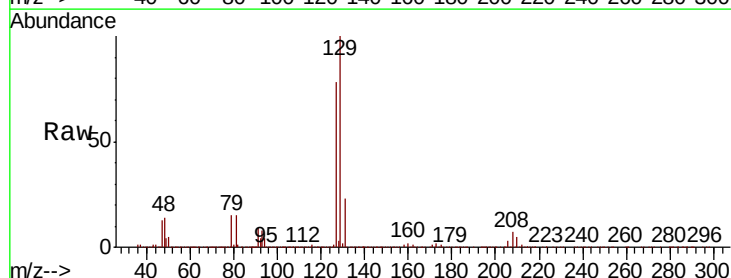
Acq: 09 Dec 2019 11:01

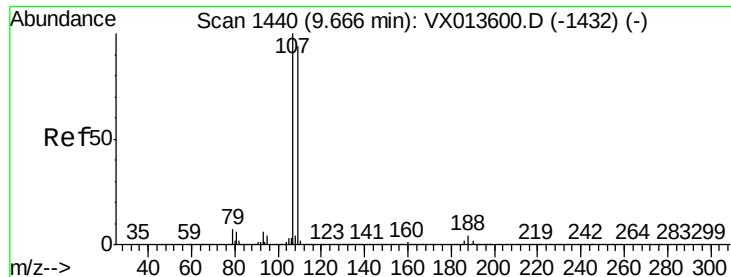
Tgt Ion: 129 Resp: 337291

Ion Ratio Lower Upper

129 100

127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.009 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 107 Resp: 328955

Ion Ratio Lower Upper

107 100

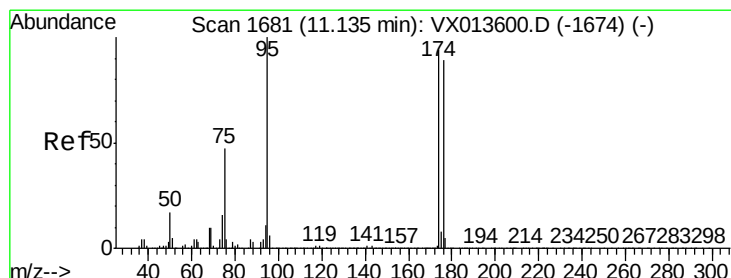
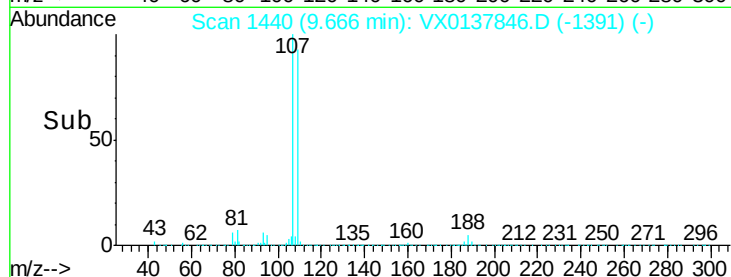
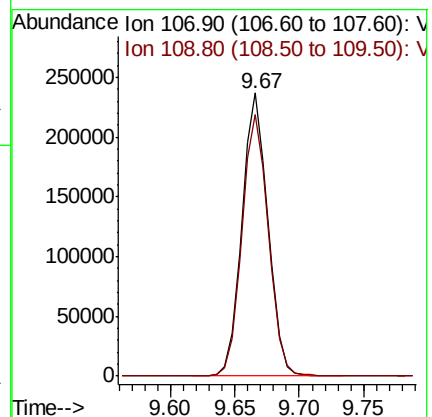
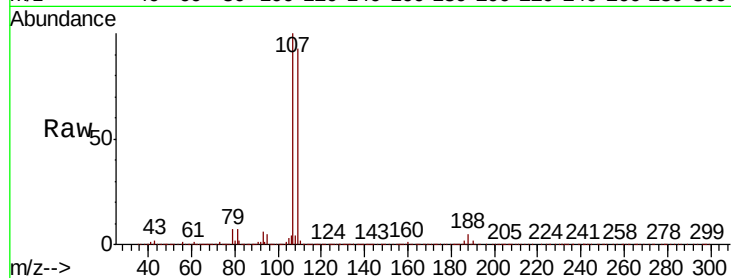
109 93.9 76.1 114.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 47.723 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

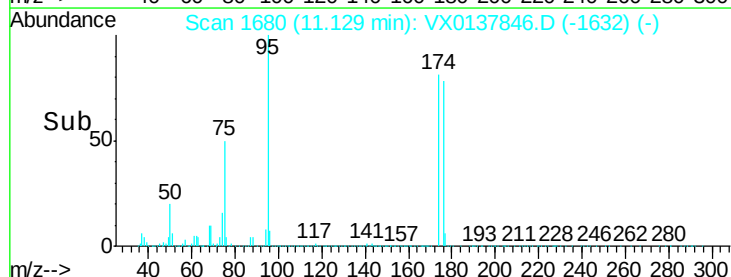
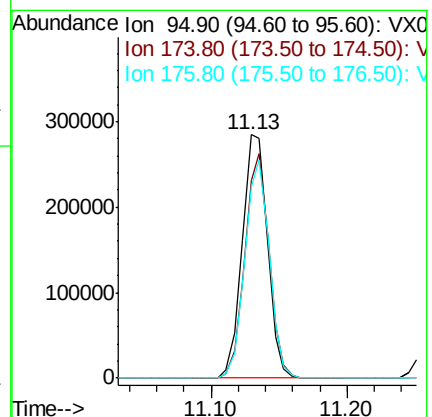
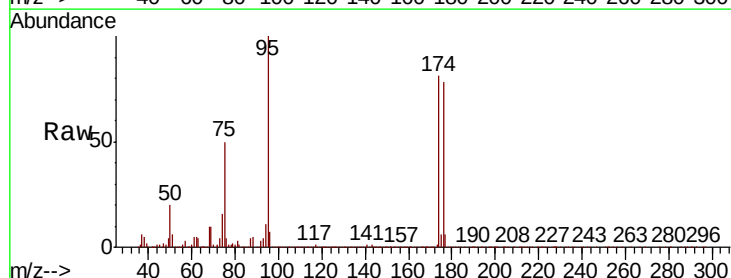
Tgt Ion: 95 Resp: 368838

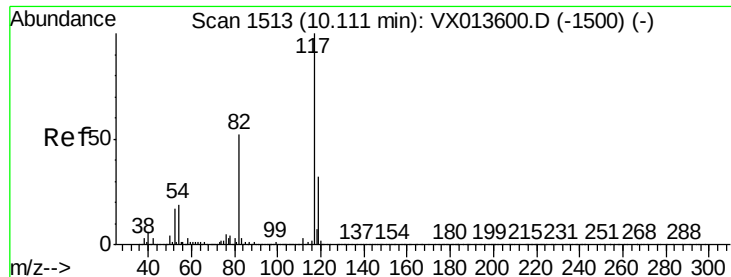
Ion Ratio Lower Upper

95 100

174 88.4 0.0 180.0

176 86.3 0.0 173.6





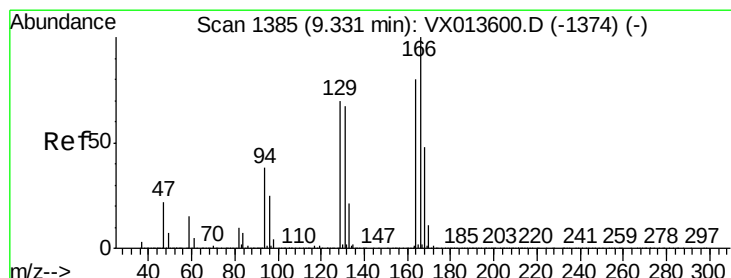
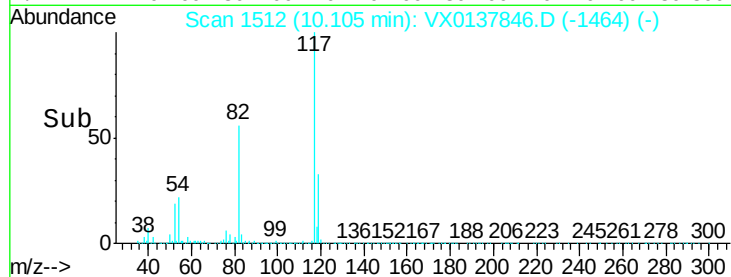
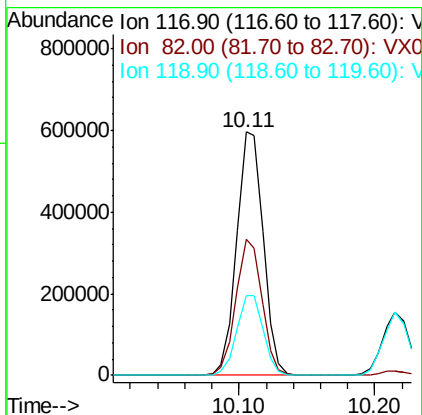
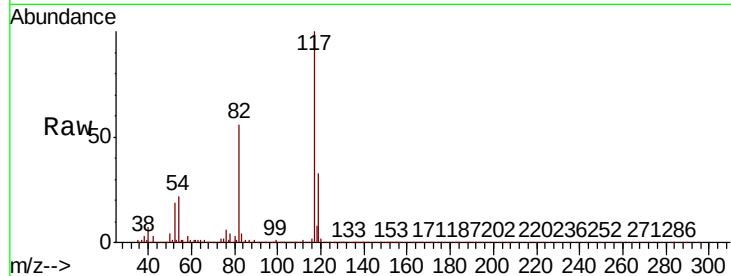
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 810529 |       |       |
| 82      | 56.1  |        | 41.8  | 62.8  |
| 119     | 32.6  |        | 25.8  | 38.8  |

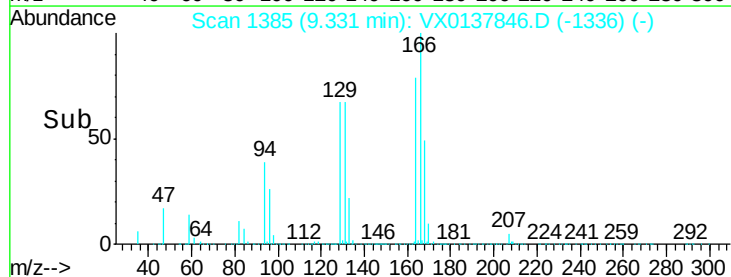
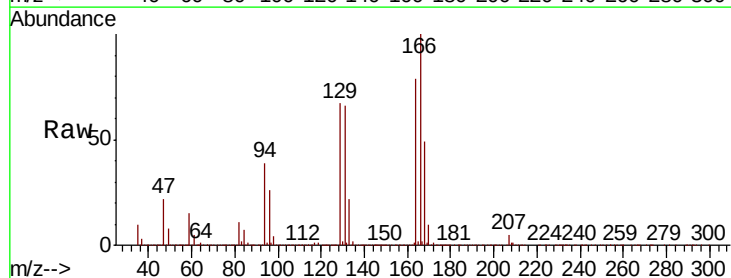
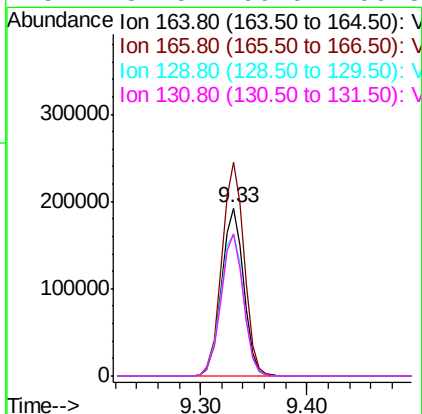
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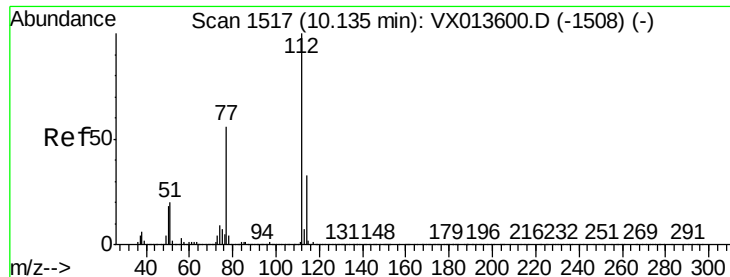
apatel  
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#64  
Tetrachloroethene  
Concen: 46.192 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 279204 |       |       |
| 166     | 127.1 |        | 99.7  | 149.5 |
| 129     | 84.7  |        | 70.1  | 105.1 |
| 131     | 84.5  |        | 66.9  | 100.3 |





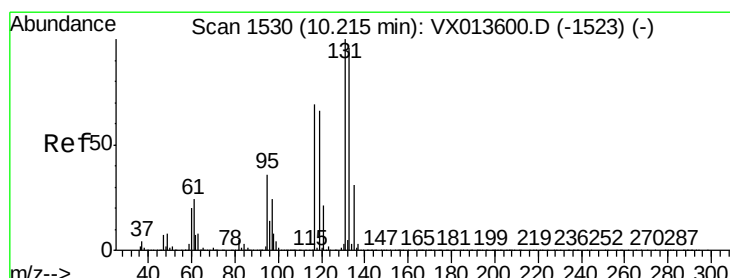
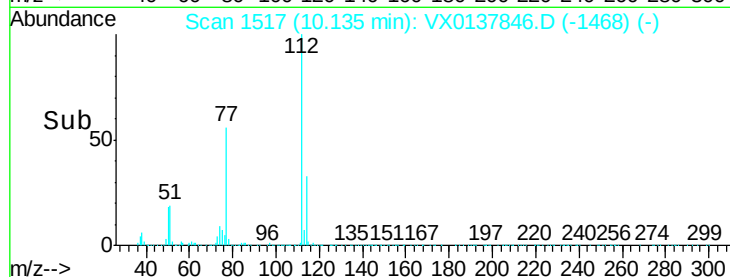
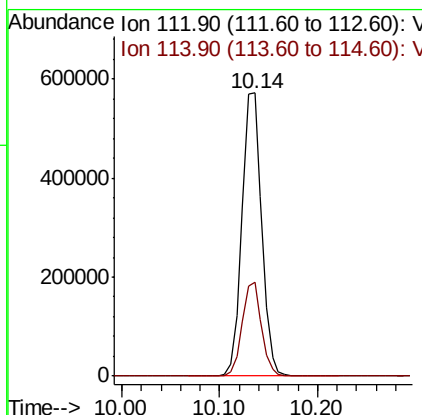
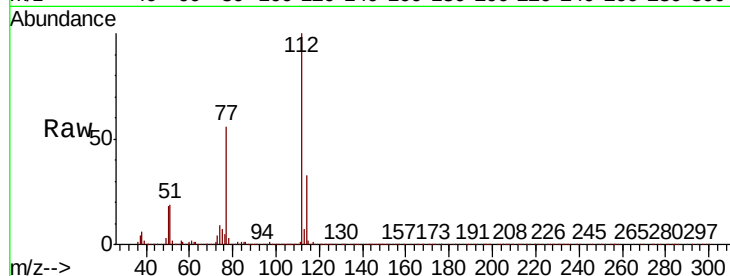
#65  
Chlorobenzene  
Concen: 47.551 ug/l  
RT: 10.14 min Scan# 1517  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 800209 |       |       |
| 114     | 33.1  | 26.1   | 39.1  |       |

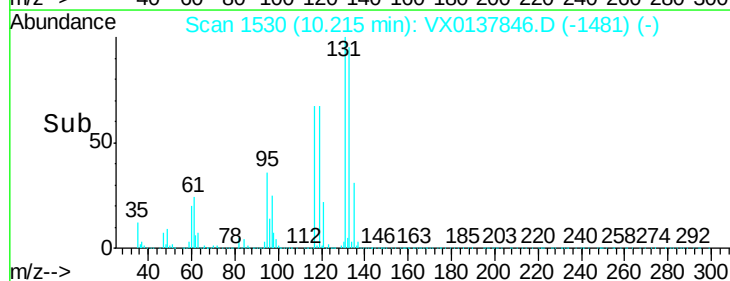
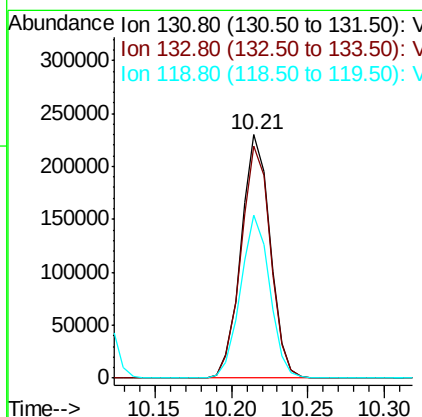
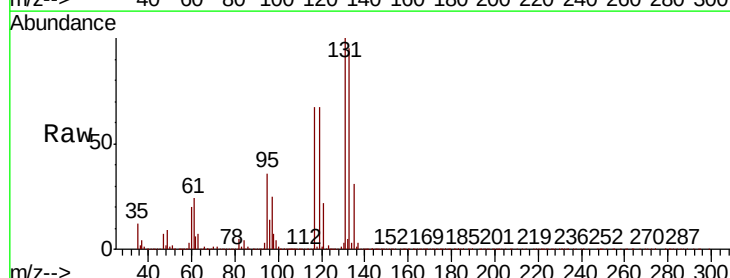
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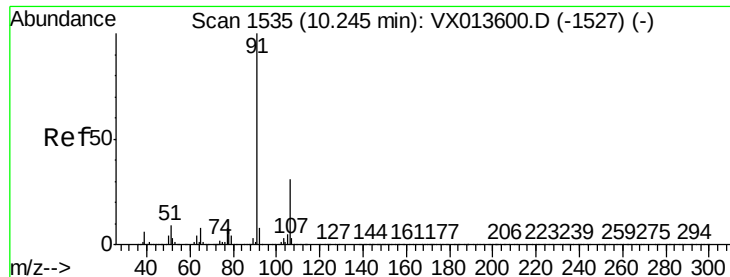
apatel  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.395 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 131     | 100   | 304528 |       |       |
| 133     | 96.5  | 47.7   | 143.1 |       |
| 119     | 66.7  | 32.9   | 98.6  |       |





#67

Ethyl Benzene

Concen: 48.458 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 91 Resp: 1401289

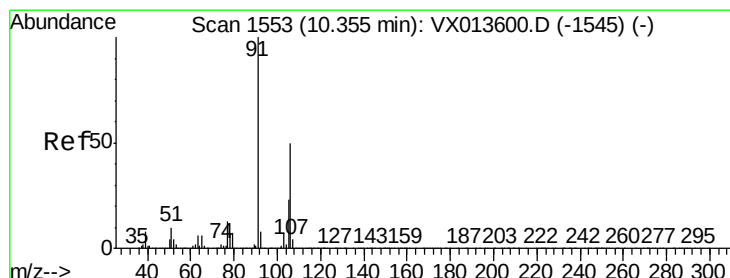
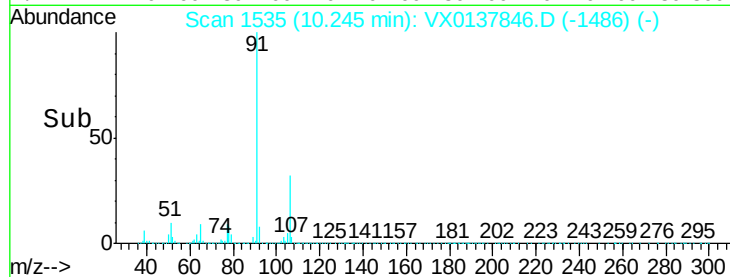
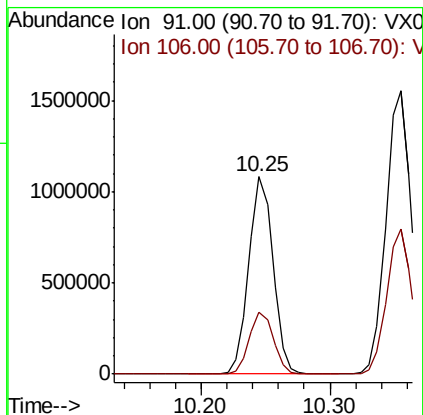
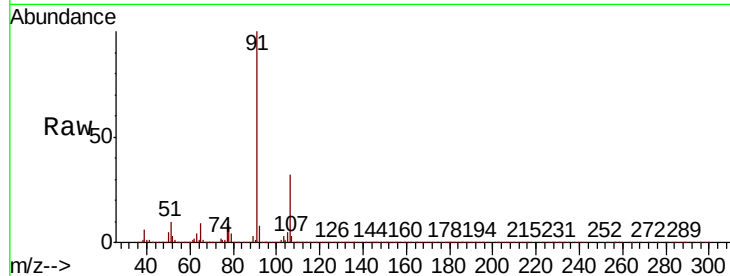
Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7

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#68

m/p-Xylenes

Concen: 97.030 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX0137846.D

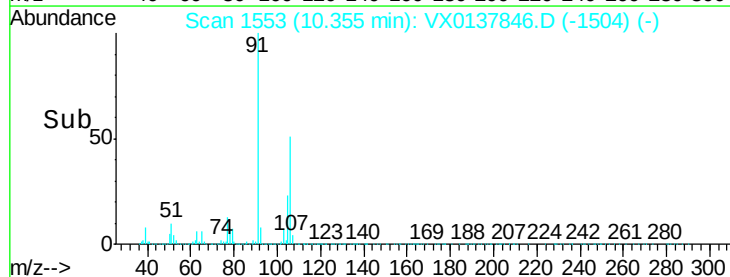
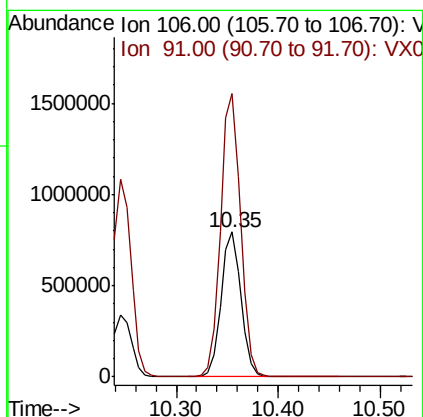
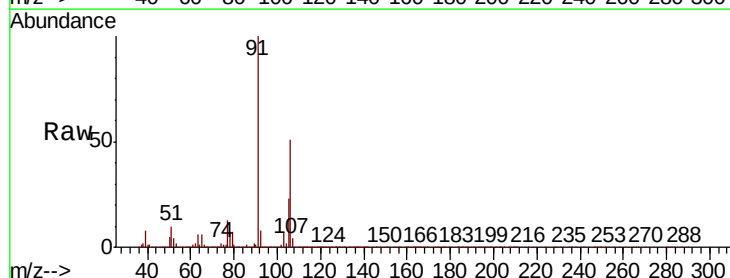
Acq: 09 Dec 2019 11:01

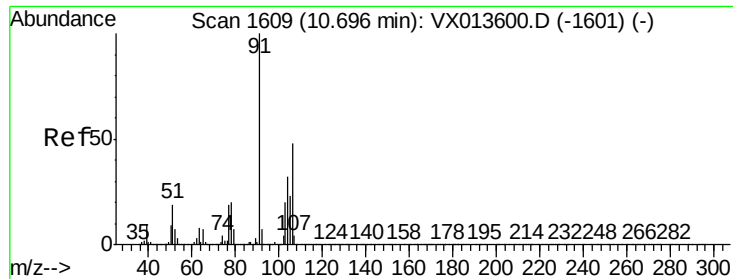
Tgt Ion: 106 Resp: 1074242

Ion Ratio Lower Upper

106 100

91 198.1 159.0 238.4





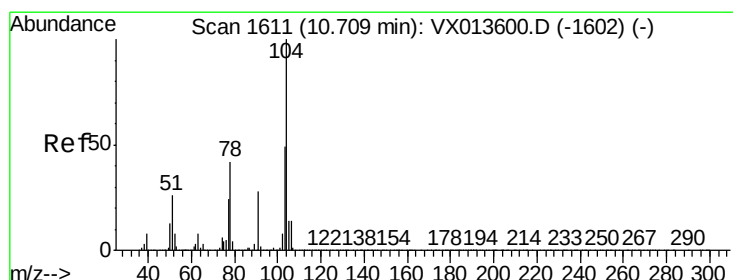
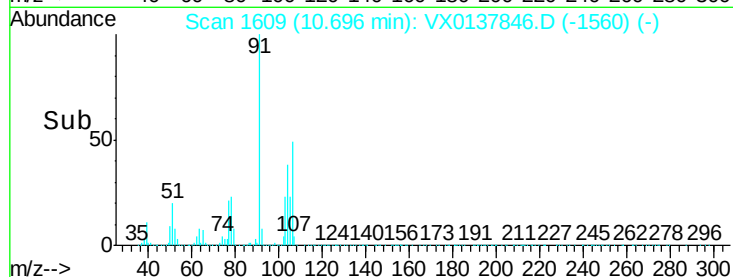
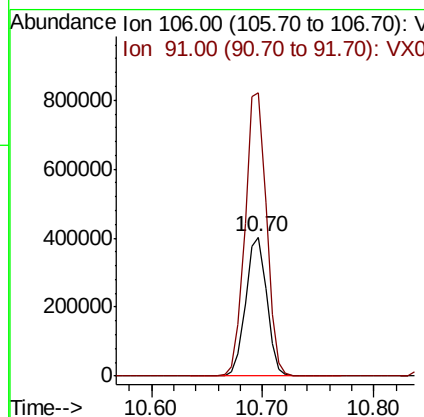
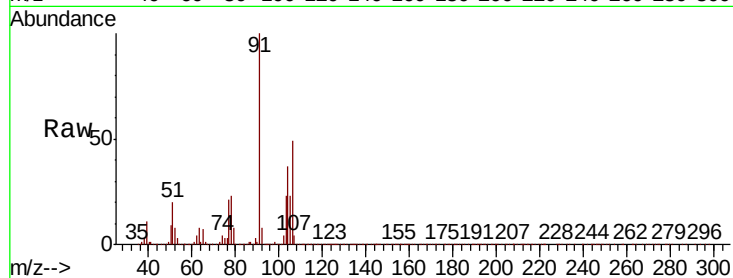
#69  
o-Xylene  
Concen: 48.897 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 207.0 | 104.1 | 312.2 |

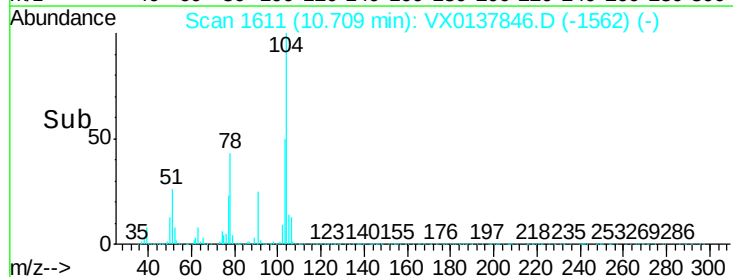
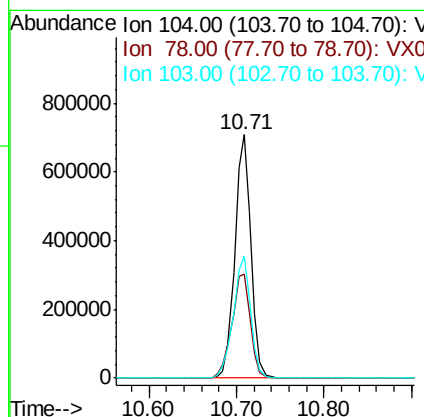
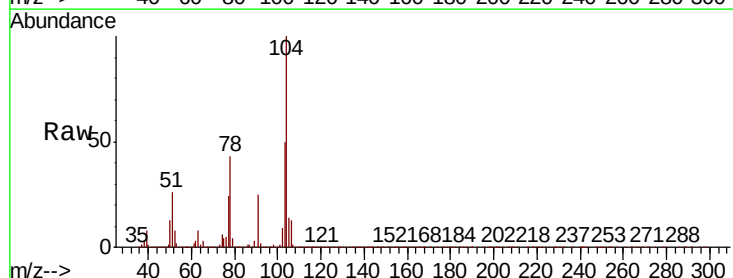
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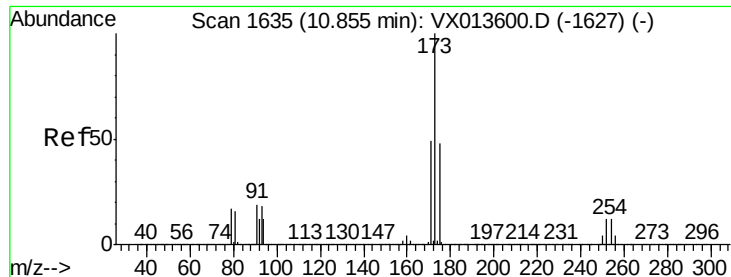


#70  
Styrene  
Concen: 50.183 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.9  | 38.5  | 57.7  |
| 103     | 54.2  | 43.7  | 65.5  |







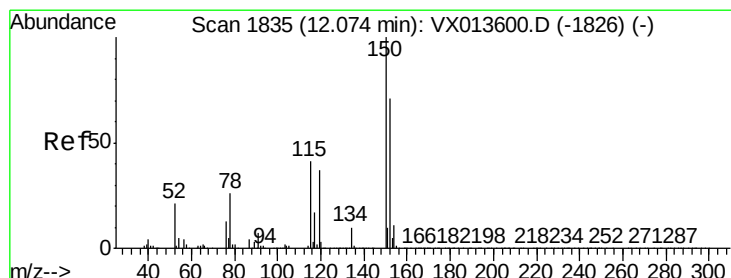
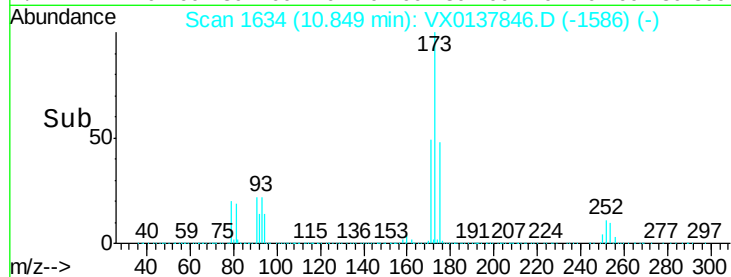
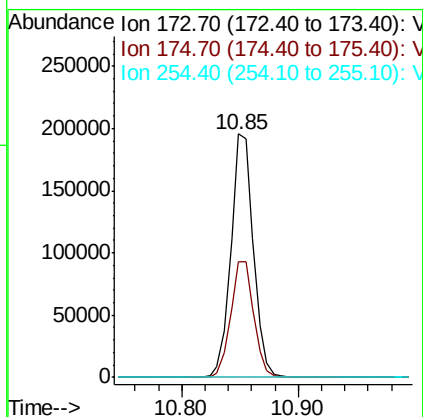
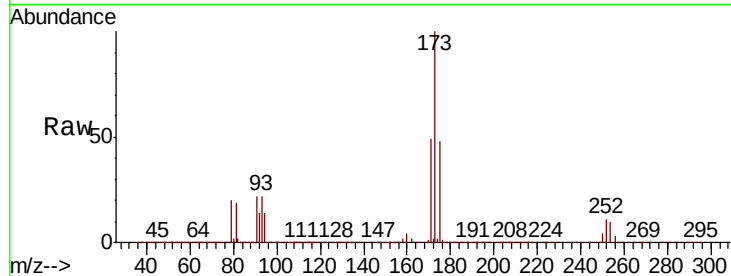
#71  
Bromoform  
Concen: 52.327 ug/l  
RT: 10.85 min Scan# 1634  
Delta R.T. -0.01 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.2  | 24.3  | 72.8  |
| 254     | 0.2   | 0.2   | 0.4   |

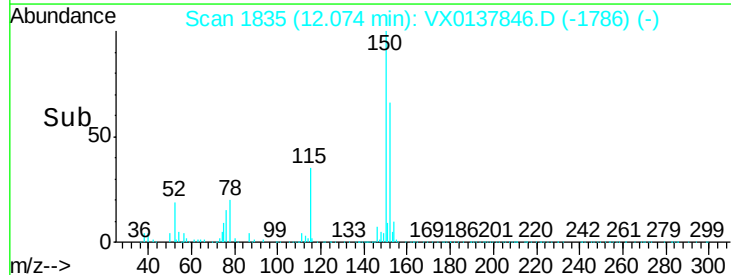
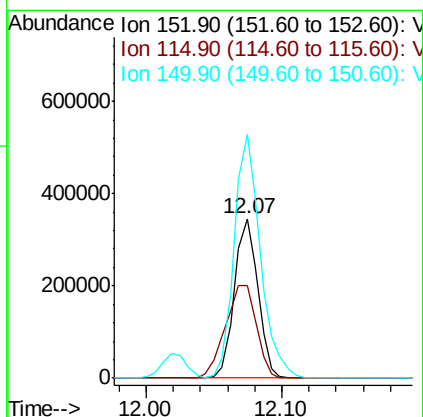
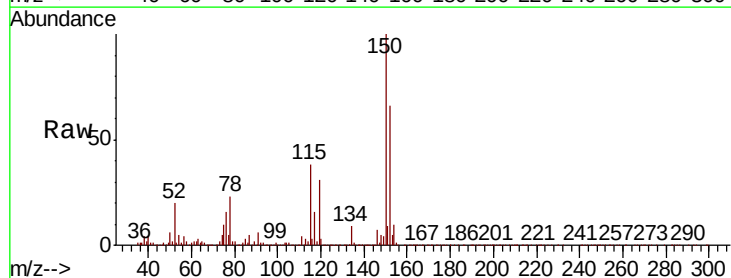
Manual Integrations  
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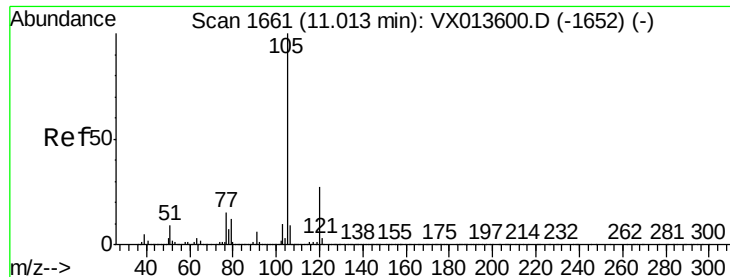
apatel  
12/10/2019 11:20:21 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 77.0  | 38.4  | 115.1 |
| 150     | 170.3 | 0.0   | 346.8 |





#73

Isopropylbenzene

Concen: 46.839 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion:105 Resp: 1363665

Ion Ratio Lower Upper

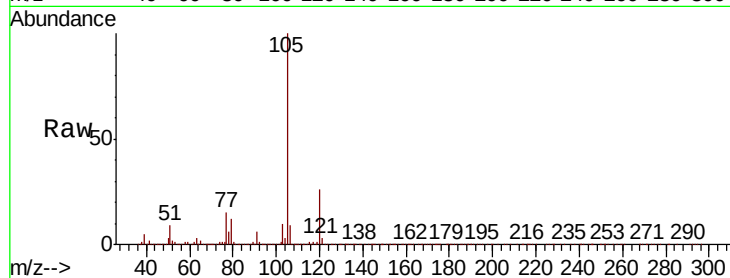
105 100

120 26.9 13.5 40.5

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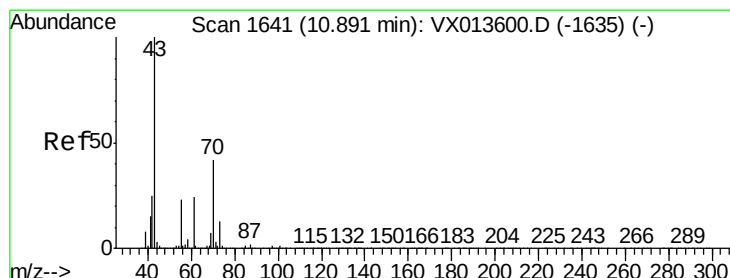
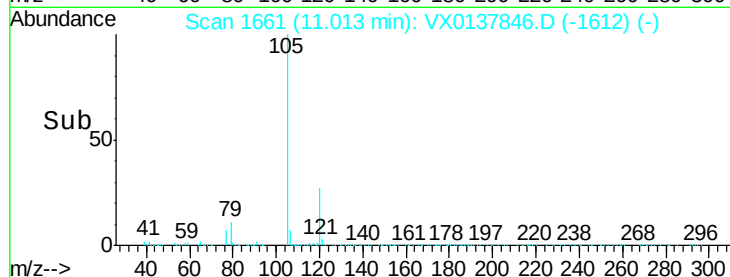
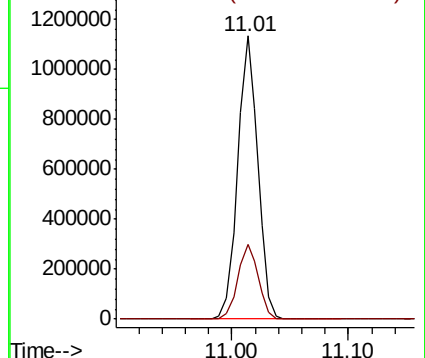
apatel

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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: 51.081 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Tgt Ion: 43 Resp: 681247

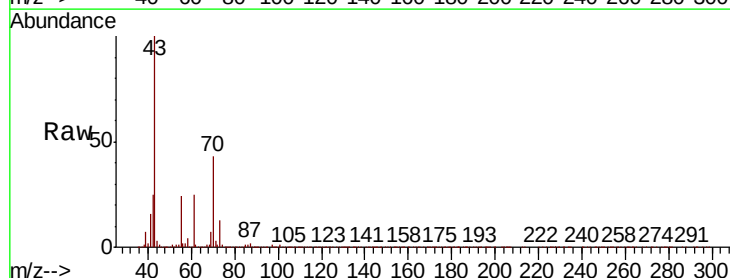
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 24.0 18.5 27.7

61 24.8 19.8 29.8

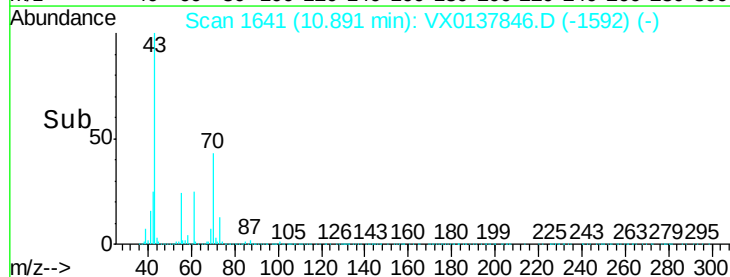
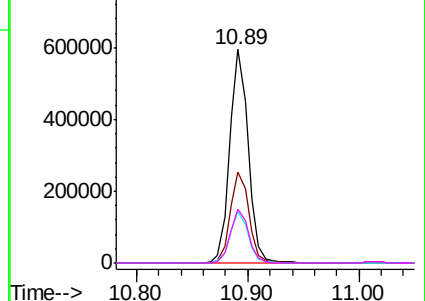


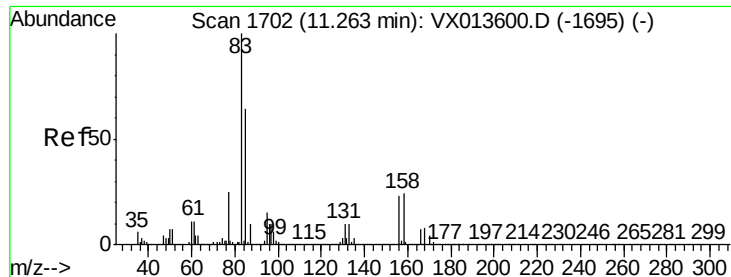
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.092 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA\_X

ClientSampled :

Tot Ion: 83 Resp: 505758

Ion Ratio Lower Upper

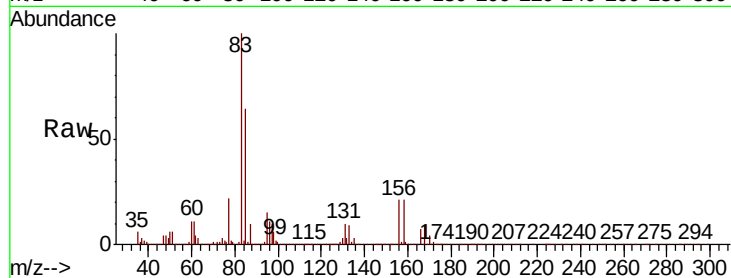
83 100

131 9.8 5.1 15.3

85 64.2 31.8 95.3

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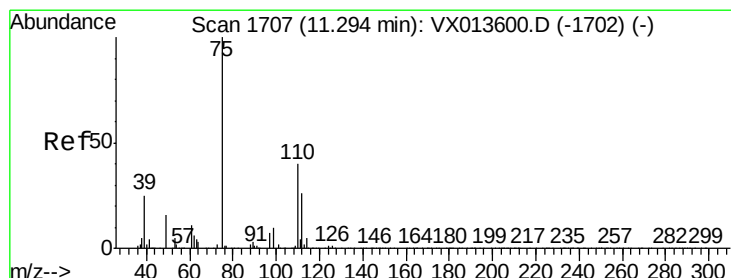
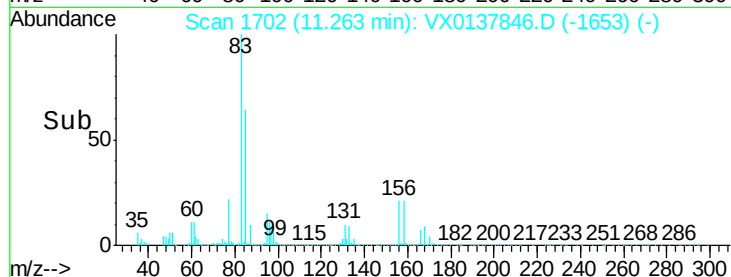
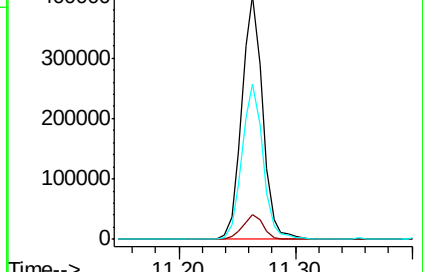
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.234 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX0137846.D

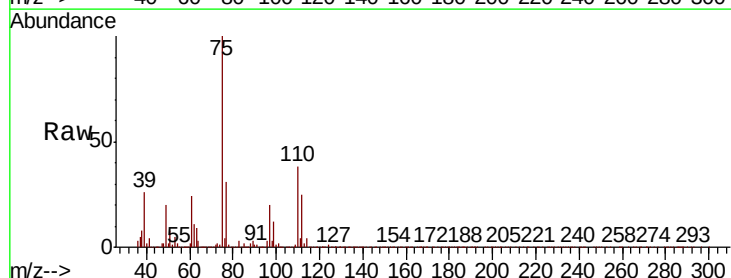
Acq: 09 Dec 2019 11:01

Tgt Ion: 75 Resp: 478273

Ion Ratio Lower Upper

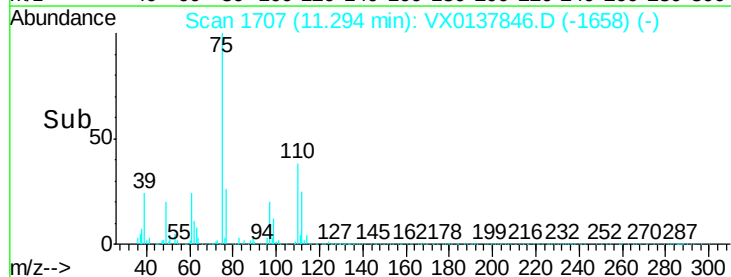
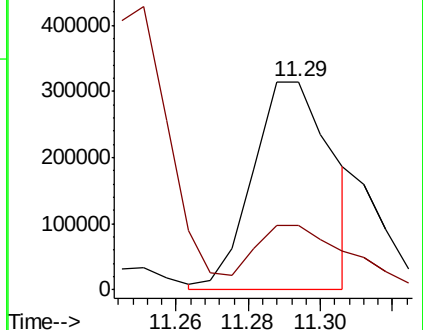
75 100

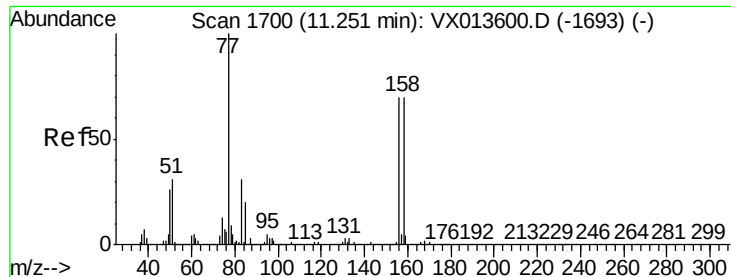
77 37.0 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.344 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

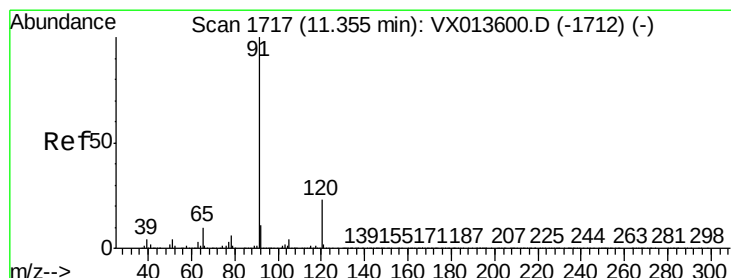
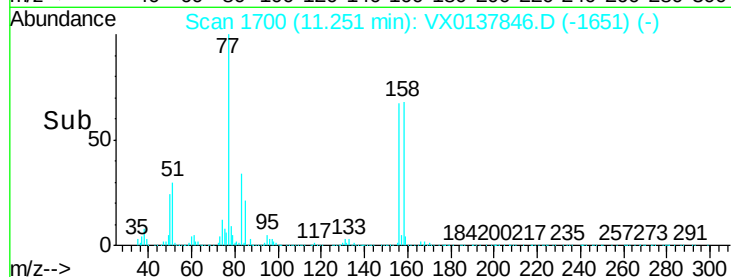
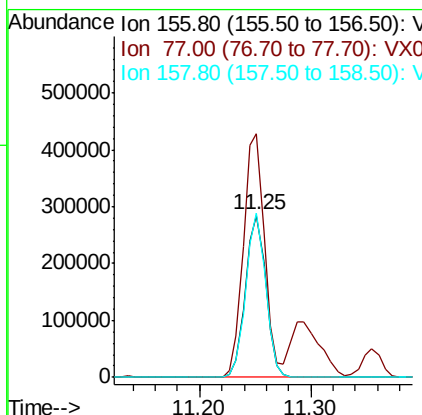
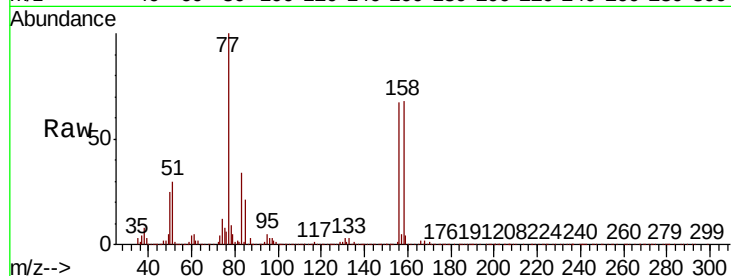
MSVOA\_X

ClientSampled :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 364501 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 155.1 | 74.4  | 223.1  |
| 158       | 98.9  | 48.9  | 146.6  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 48.191 ug/l

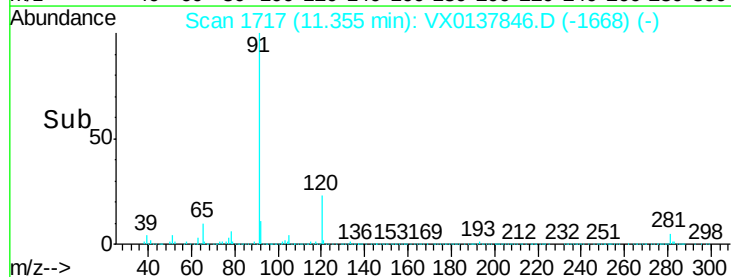
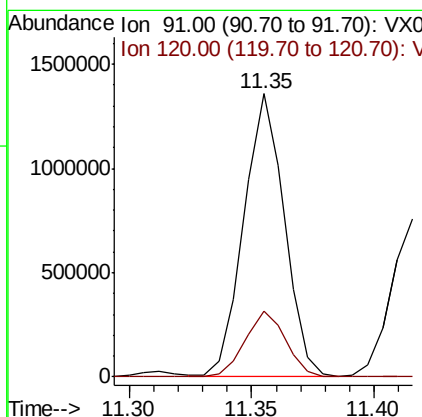
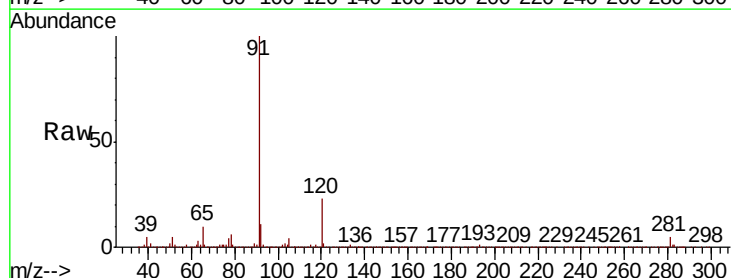
RT: 11.35 min Scan# 1717

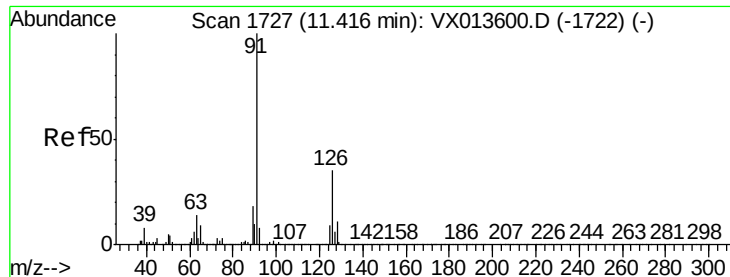
Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1566211 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 23.4  | 11.8  | 35.3    |





#79

2-Chlorotoluene

Concen: 47.848 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA\_X

ClientSampled :

Tot Ion: 91 Resp: 932830

Ion Ratio Lower Upper

91 100

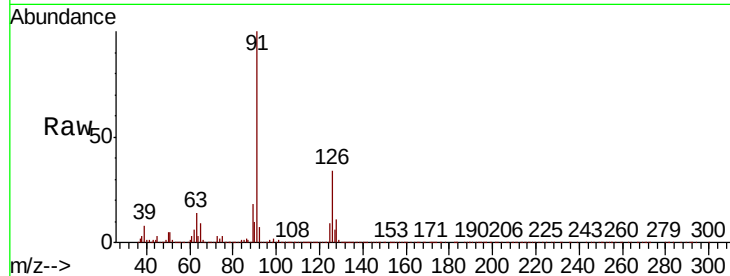
126 34.7 17.5 52.5

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

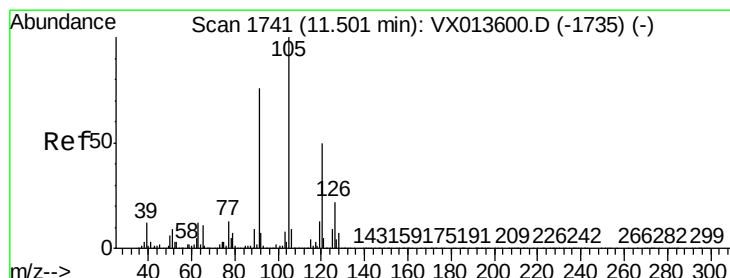
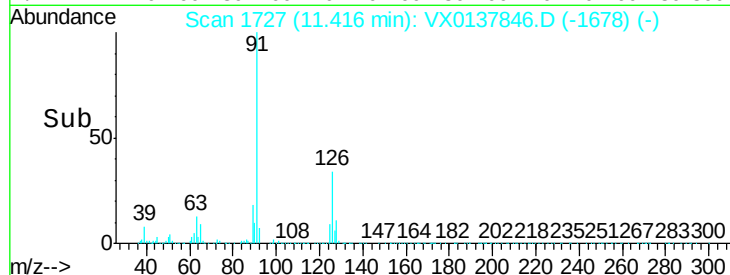
1500000

1000000

500000

0

11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 48.541 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX0137846.D

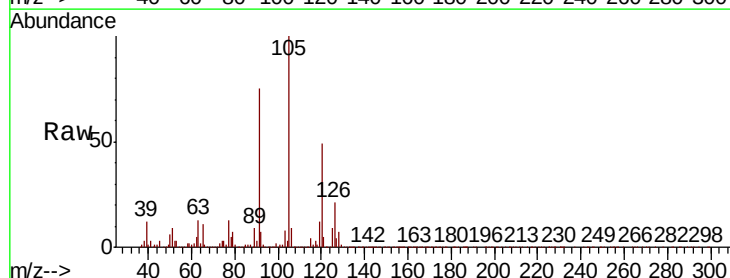
Acq: 09 Dec 2019 11:01

Tgt Ion: 105 Resp: 1158261

Ion Ratio Lower Upper

105 100

120 50.2 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

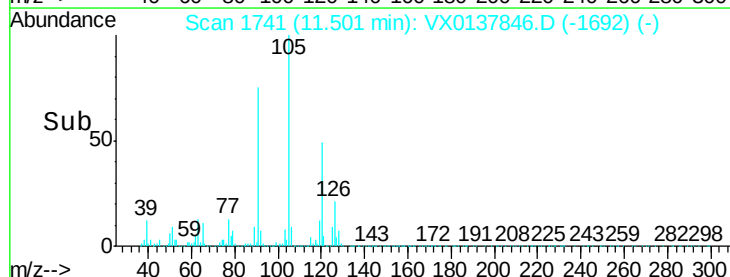
600000

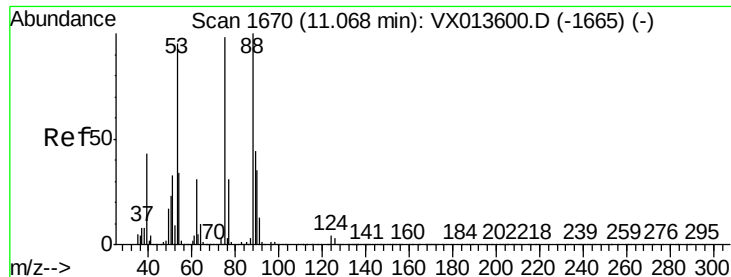
400000

200000

0

11.50 11.60





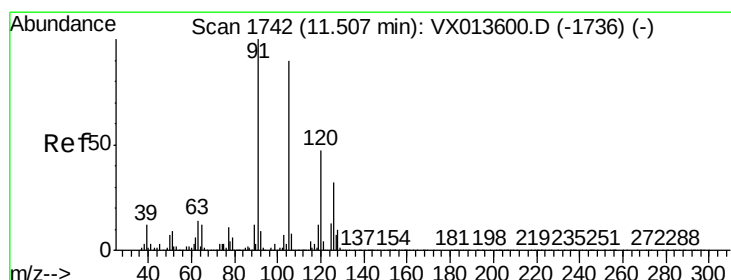
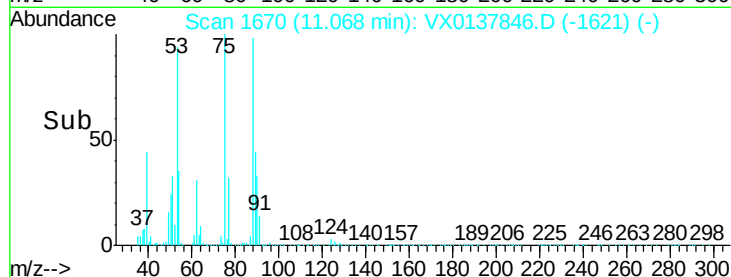
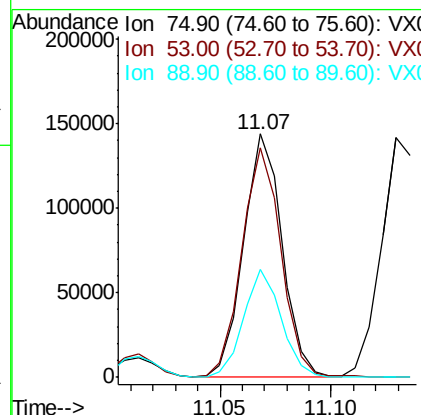
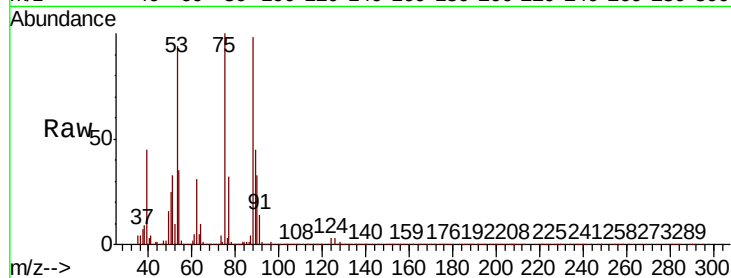
#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.969 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 95.6  | 78.2  | 117.2 |
| 89      | 43.7  | 35.4  | 53.2  |

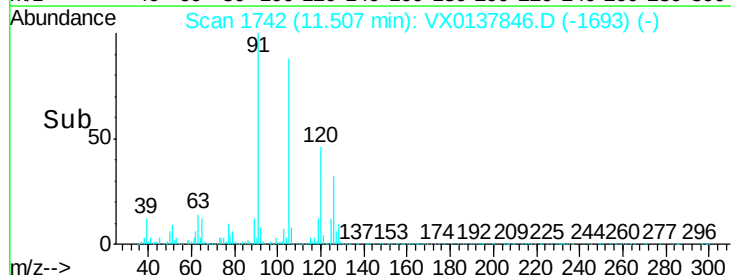
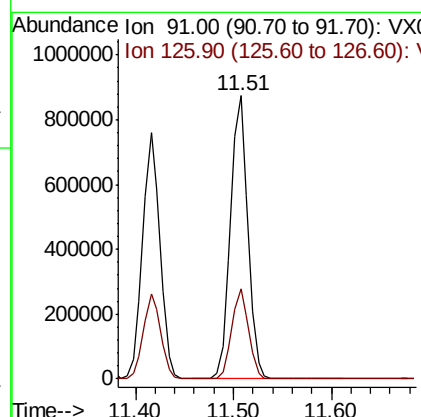
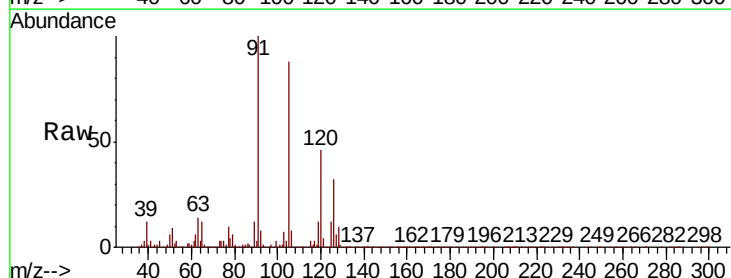
Manual Integrations  
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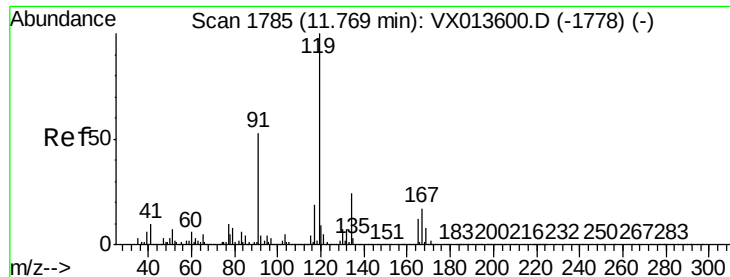
apatel  
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#82  
4-Chlorotoluene  
Concen: 47.669 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

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





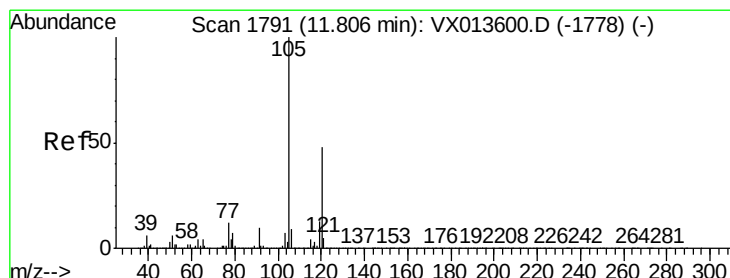
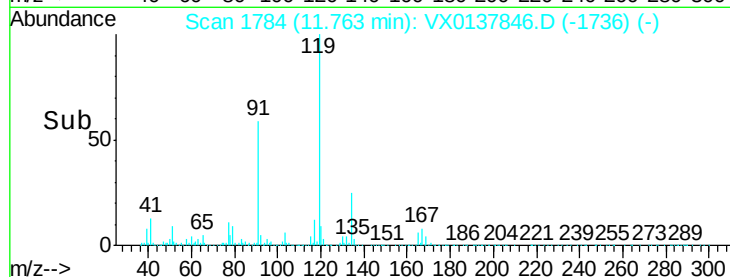
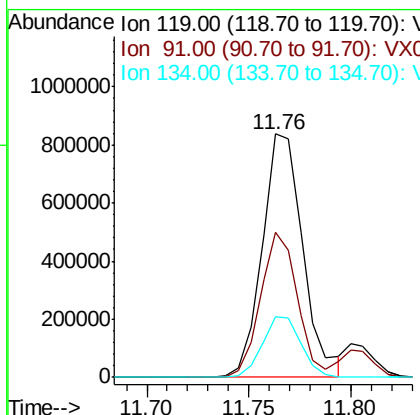
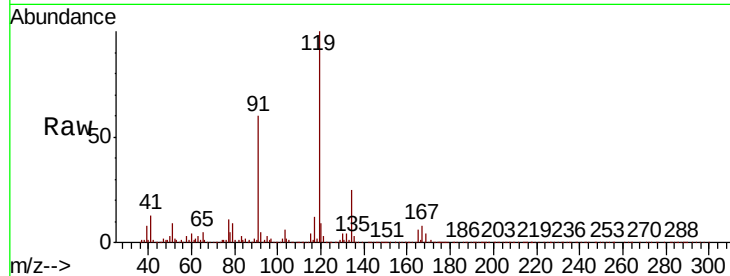
#83  
 tert-Butylbenzene  
 Concen: 48.014 ug/l  
 RT: 11.76 min Scan# 1784  
 Delta R.T. -0.01 min  
 Lab File: VX0137846.D  
 Acq: 09 Dec 2019 11:01

Instrument :  
 MSVOA\_X  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 54.1  | 27.2  | 81.6  |
| 134     | 23.7  | 11.7  | 35.1  |

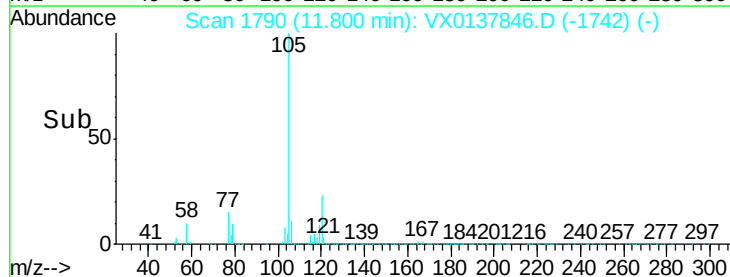
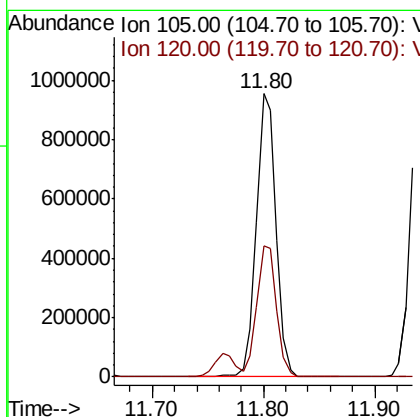
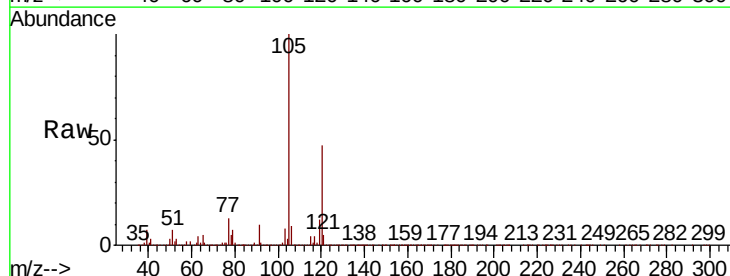
Manual Integrations  
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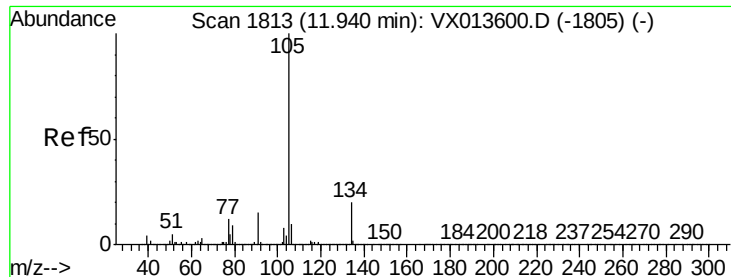
apatel  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 48.329 ug/l  
 RT: 11.80 min Scan# 1790  
 Delta R.T. -0.01 min  
 Lab File: VX0137846.D  
 Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.5  | 23.1  | 69.3  |





#85

sec-Butylbenzene

Concen: 47.877 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion:105 Resp: 1326154

Ion Ratio Lower Upper

105 100

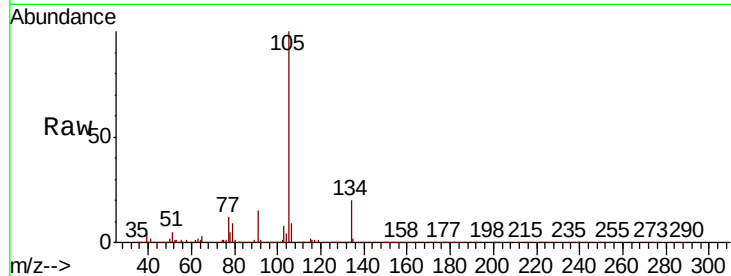
134 20.8 10.4 31.2

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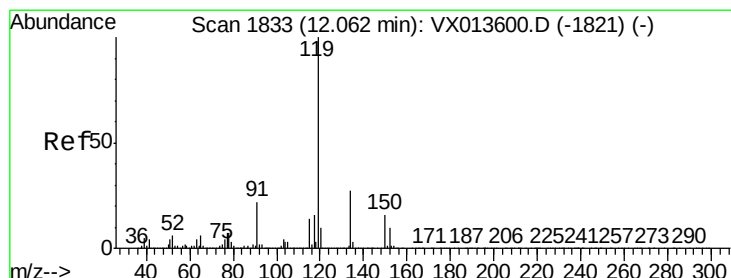
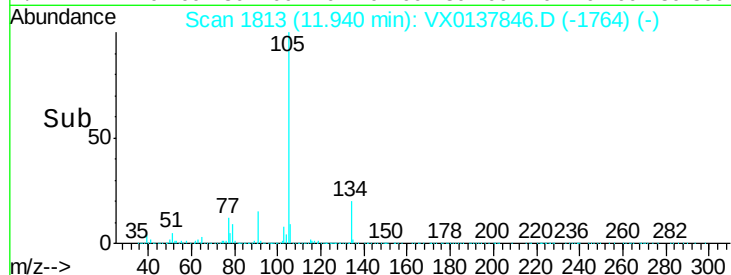
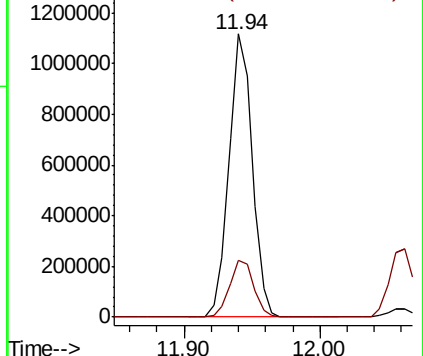
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.182 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

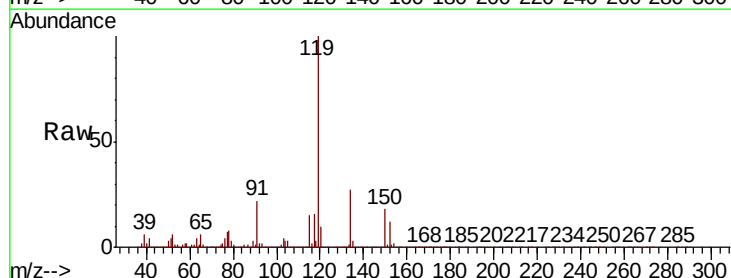
Tgt Ion:119 Resp: 1241563

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

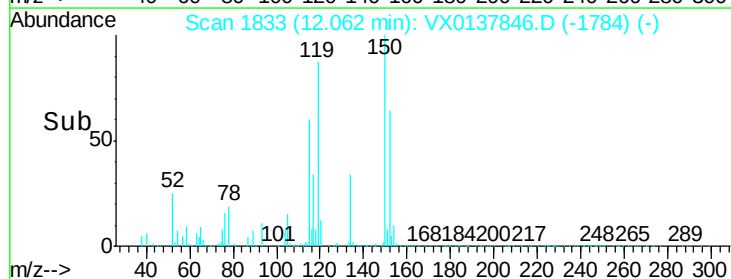
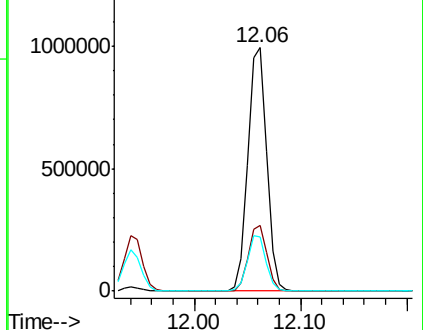
91 22.4 11.3 33.8



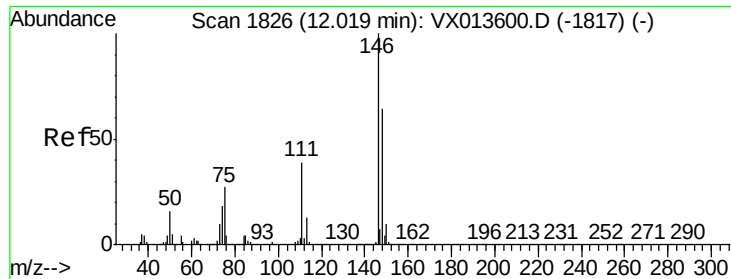
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V







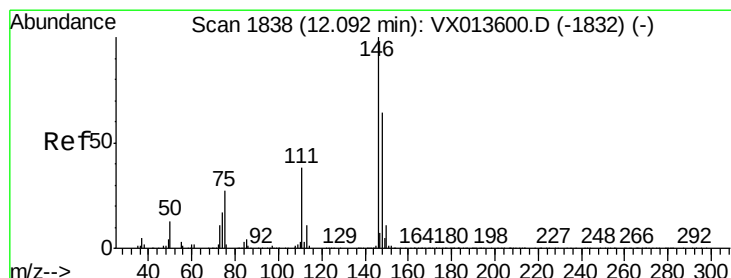
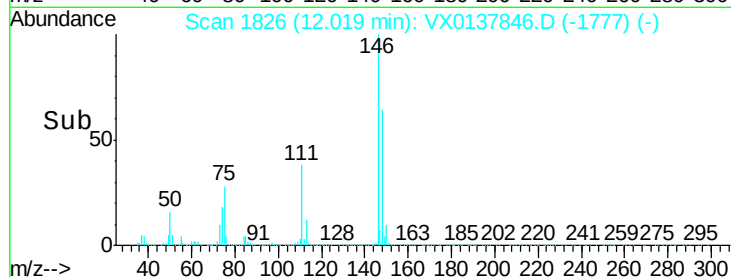
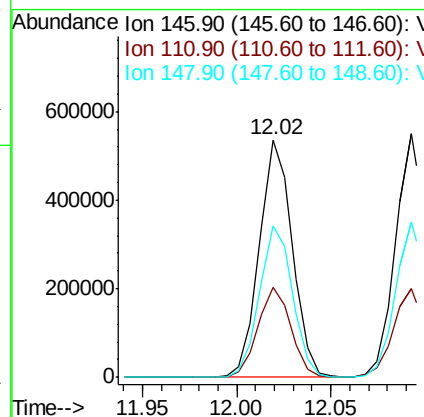
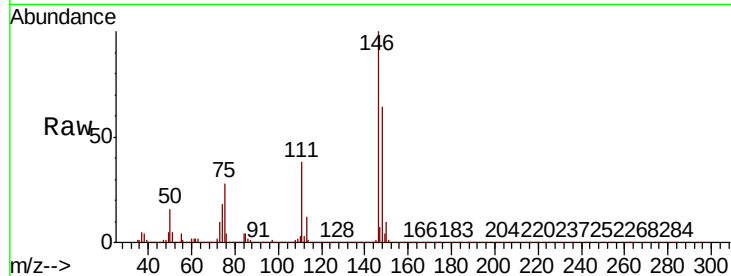
#87  
 1,3-Dichlorobenzene  
 Concen: 47.441 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VX0137846.D  
 Acq: 09 Dec 2019 11:01

Instrument :  
 MSVOA\_X  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.9  | 19.0  | 57.0  |
| 148     | 63.9  | 31.8  | 95.4  |

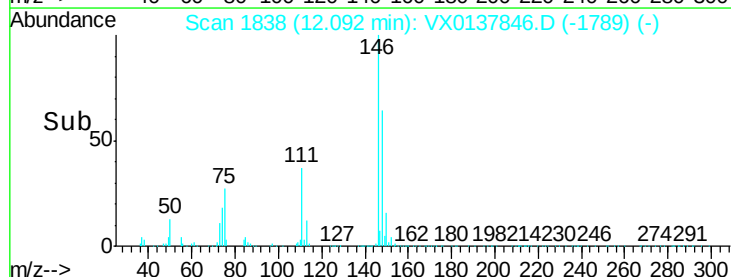
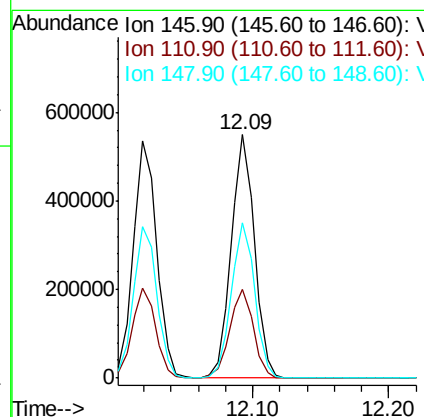
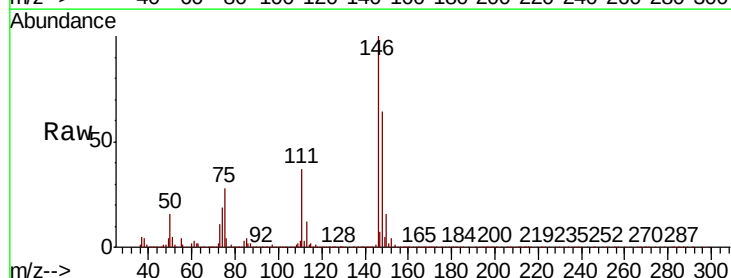
Manual Integrations  
 APPROVED

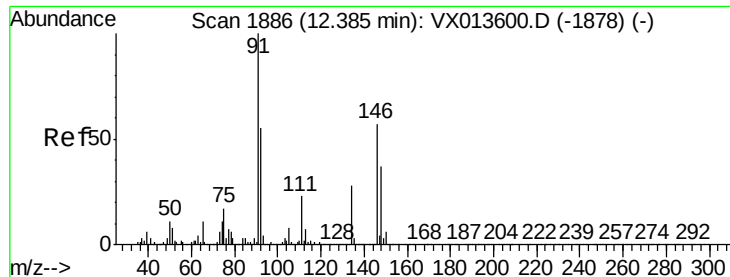
apatel  
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#88  
 1,4-Dichlorobenzene  
 Concen: 46.454 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX0137846.D  
 Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.2  | 18.9  | 56.9  |
| 148     | 64.3  | 31.9  | 95.5  |





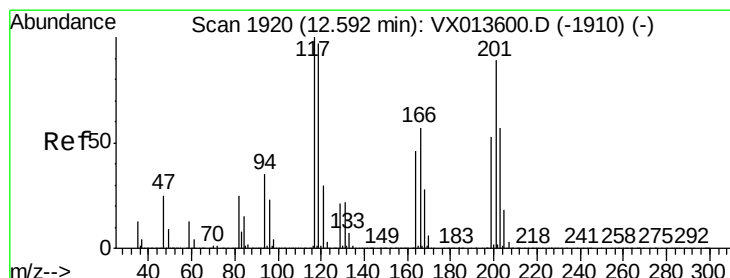
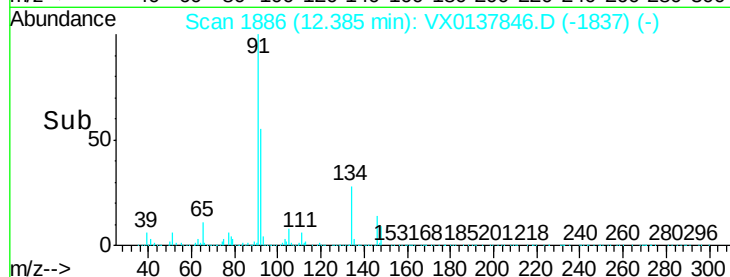
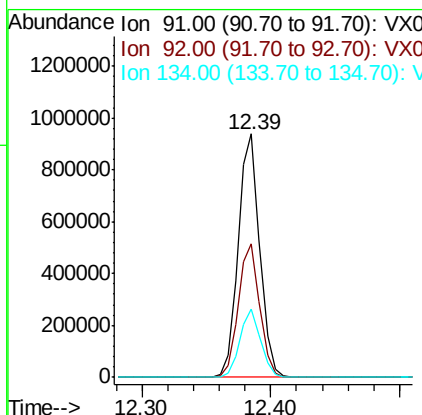
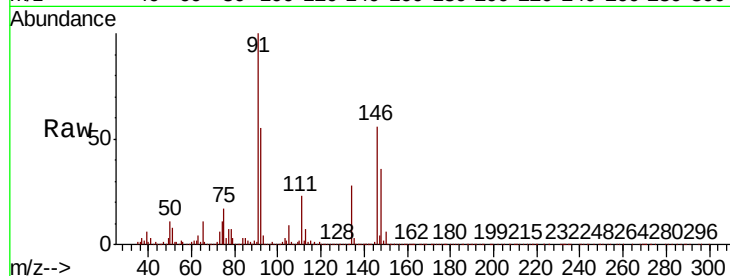
#89  
n-Butylbenzene  
Concen: 49.190 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.8  | 27.4  | 82.2  |
| 134     | 27.0  | 13.5  | 40.4  |

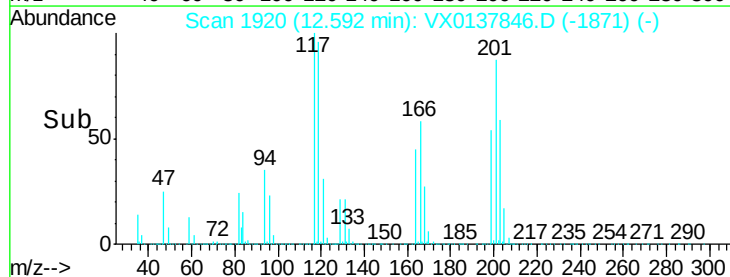
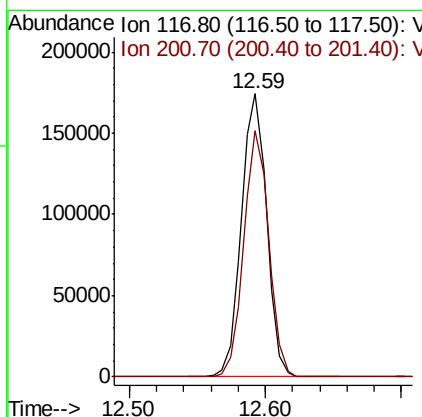
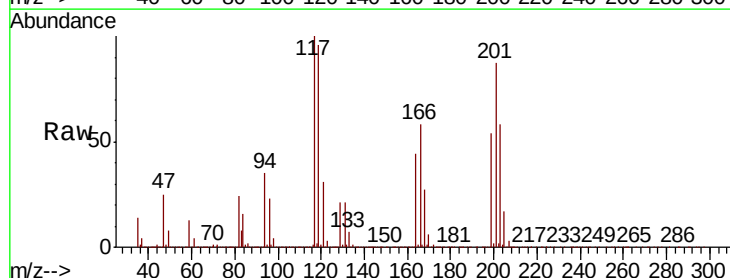
Manual Integrations  
APPROVED

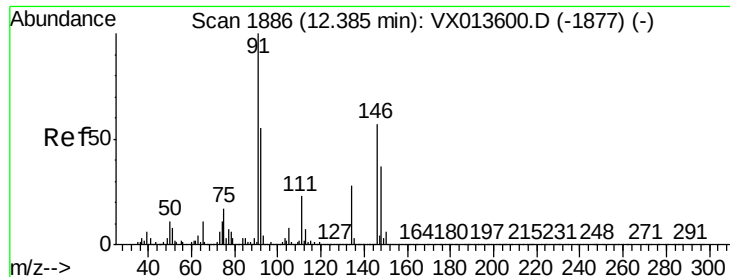
apatel  
12/10/2019 11:20:21 AM



#90  
Hexachloroethane  
Concen: 48.269 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 86.4  | 44.1  | 132.4 |





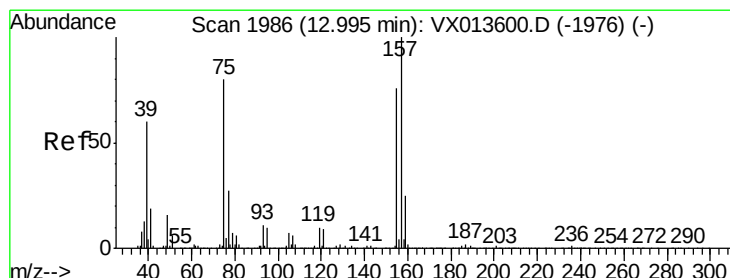
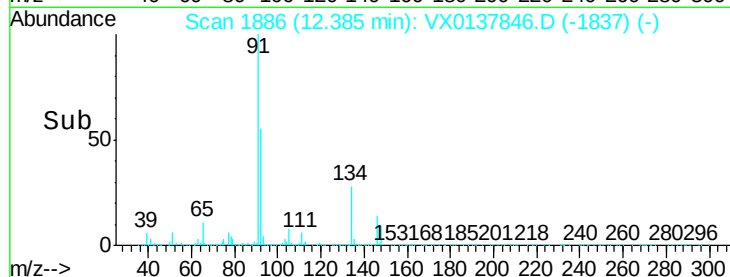
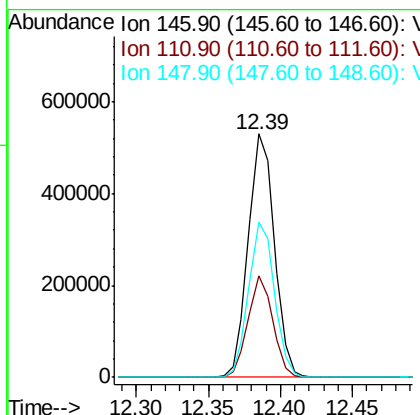
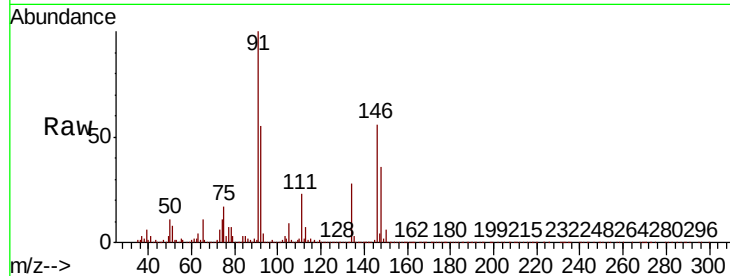
#91  
 1,2-Dichlorobenzene  
 Concen: 48.903 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX0137846.D  
 Acq: 09 Dec 2019 11:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 662459 |       |       |
| 111     | 39.6  |        | 19.6  | 58.7  |
| 148     | 63.3  |        | 31.9  | 95.7  |

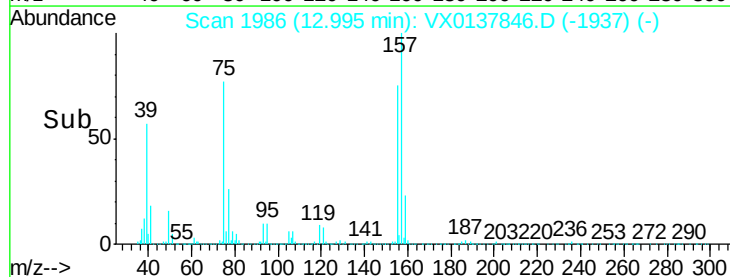
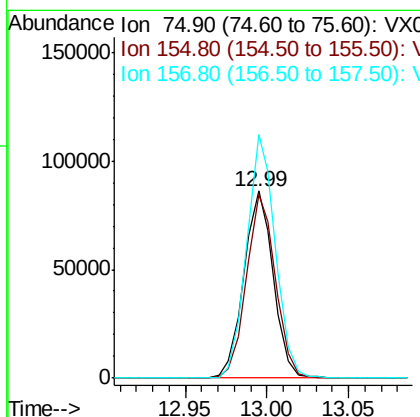
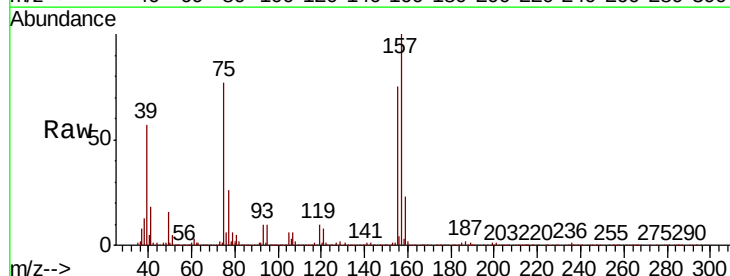
Manual Integrations  
 APPROVED

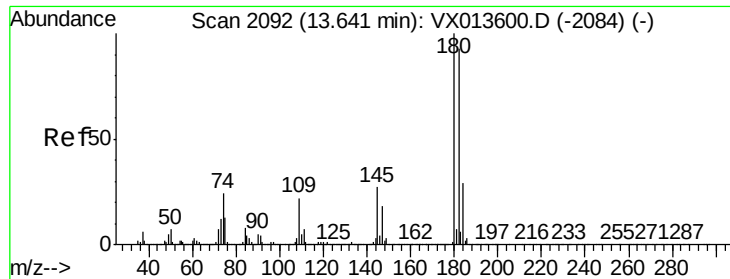
apatel  
 12/10/2019 11:20:21 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.297 ug/l  
 RT: 12.99 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX0137846.D  
 Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 108388 |       |       |
| 155     | 97.2  |        | 47.6  | 142.8 |
| 157     | 127.4 |        | 62.1  | 186.2 |





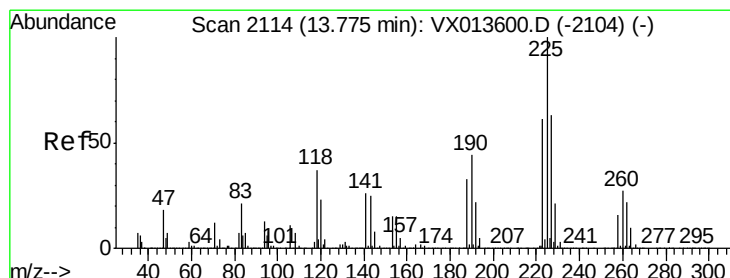
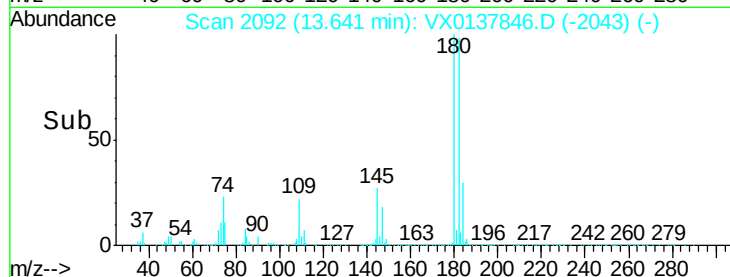
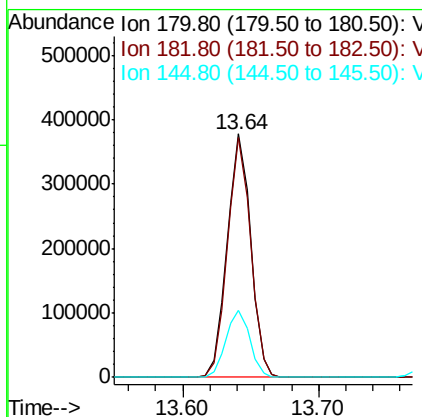
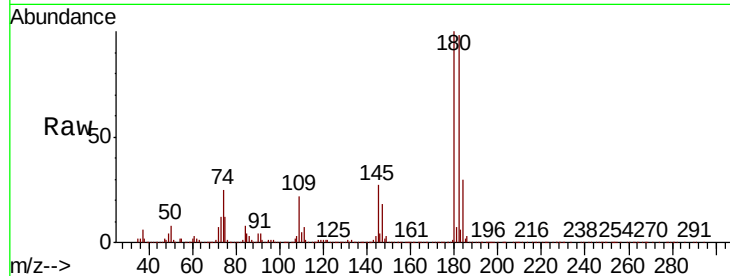
#93  
1,2,4-Trichlorobenzene  
Concen: 48.167 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. 0.00 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 454736 |       |       |
| 182     | 97.0  | 47.2   | 141.6 |       |
| 145     | 28.1  | 13.8   | 41.4  |       |

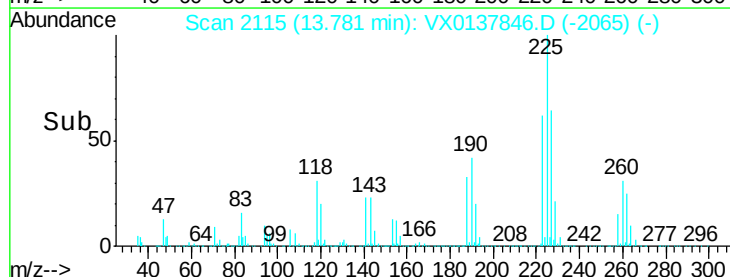
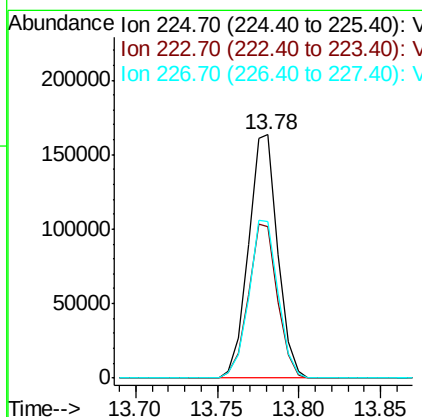
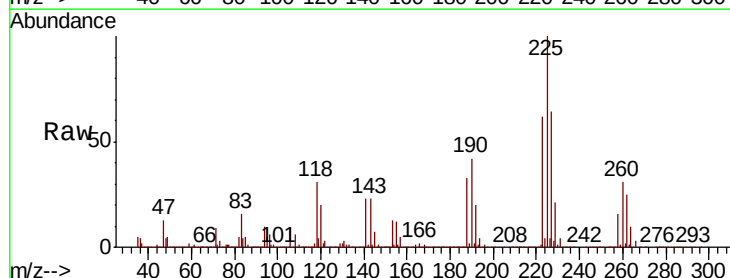
Manual Integrations  
APPROVED

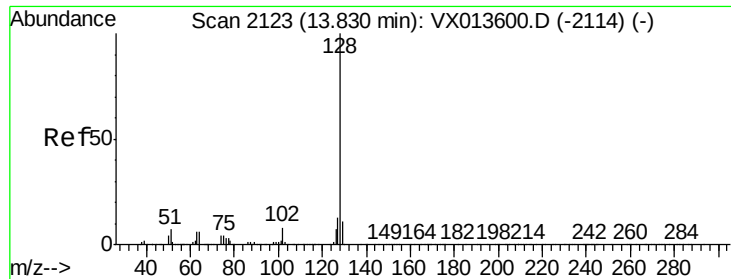
apatel  
12/10/2019 11:20:21 AM



#94  
Hexachlorobutadiene  
Concen: 45.038 ug/l  
RT: 13.78 min Scan# 2115  
Delta R.T. 0.01 min  
Lab File: VX0137846.D  
Acq: 09 Dec 2019 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 204256 |       |       |
| 223     | 62.8  | 31.9   | 95.5  |       |
| 227     | 64.6  | 32.1   | 96.3  |       |





#95

Naphthalene

Concen: 51.169 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion:128 Resp: 1438622

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

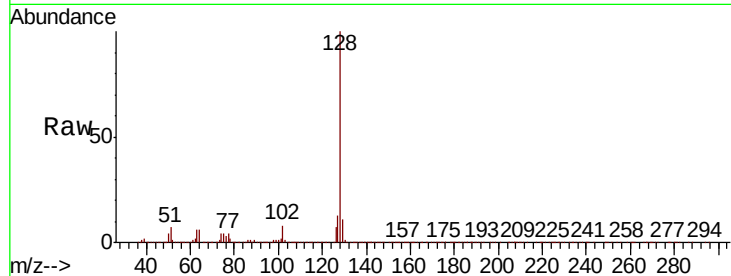
129 10.8 8.7 13.1

Manual Integrations

APPROVED

apatel

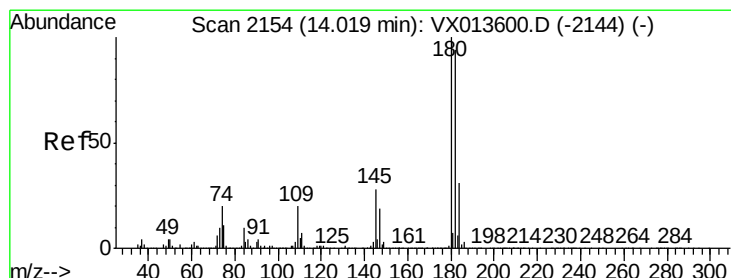
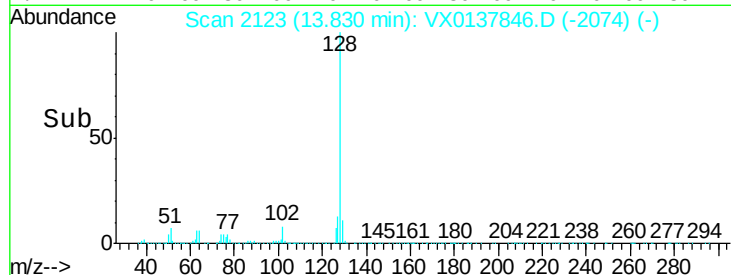
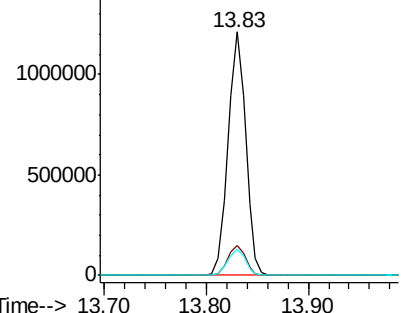
12/10/2019 11:20:21 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.410 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX0137846.D

Acq: 09 Dec 2019 11:01

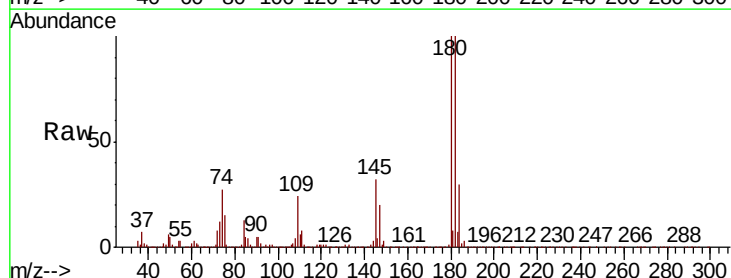
Tgt Ion:180 Resp: 452519

Ion Ratio Lower Upper

180 100

182 97.8 47.6 142.8

145 29.9 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

