

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120319\  
 Data File : VX013742.D  
 Acq On : 03 Dec 2019 22:01  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

apatel  
 12/4/2019 1:52:46 PM

Quant Time: Dec 04 04:13:49 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  | 680687   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 1055490  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 955413   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 482536   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 372166   | 47.10 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.20% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 312100   | 47.83 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.66% |      |
| 50) Toluene-d8            | 8.71   | 98  | 1185510  | 46.63 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.26% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 432105   | 47.13 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.26% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 350557  | 46.269  | ug/l | 96     |
| 3) Chloromethane              | 1.32 | 50  | 377172  | 44.367  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 464045  | 48.498  | ug/l | 98     |
| 5) Bromomethane               | 1.63 | 94  | 223517  | 34.784  | ug/l | 99     |
| 6) Chloroethane               | 1.71 | 64  | 250923  | 46.084  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 510255  | 48.025  | ug/l | 97     |
| 8) Diethyl Ether              | 2.18 | 74  | 231620  | 48.186  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 292365  | 45.050  | ug/l | 98     |
| 10) Methyl Iodide             | 2.50 | 142 | 246534  | 31.404  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.04 | 59  | 423192  | 216.990 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 311926  | 48.152  | ug/l | 99     |
| 13) Acrolein                  | 2.28 | 56  | 254833  | 196.692 | ug/l | 99     |
| 14) Allyl chloride            | 2.72 | 41  | 566491  | 48.188  | ug/l | 99     |
| 15) Acrylonitrile             | 3.13 | 53  | 973970  | 241.936 | ug/l | 100    |
| 16) Acetone                   | 2.43 | 43  | 1010707 | 259.093 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.56 | 76  | 874435  | 47.352  | ug/l | 99     |
| 18) Methyl Acetate            | 2.76 | 43  | 572460  | 52.700  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 1089456 | 50.767  | ug/l | 98     |
| 20) Methylene Chloride        | 2.85 | 84  | 355335  | 47.413  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96  | 339287  | 48.078  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.84 | 45  | 1115303 | 49.271  | ug/l | 97     |
| 23) Vinyl Acetate             | 3.80 | 43  | 4386209 | 232.926 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 614901  | 49.691  | ug/l | 98     |
| 25) 2-Butanone                | 4.66 | 43  | 1441086 | 248.568 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 444741  | 43.439  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 395050  | 48.746  | ug/l | 98     |
| 28) Bromochloromethane        | 5.00 | 49  | 252093  | 51.552  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.11 | 42  | 881969  | 246.773 | ug/l | 99     |
| 30) Chloroform                | 5.20 | 83  | 605688  | 48.264  | ug/l | 100    |
| 31) Cyclohexane               | 5.57 | 56  | 534784  | 45.819  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 525417  | 50.101  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 451019  | 47.073  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.82 | 43  | 529566  | 49.268  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 451652  | 51.122  | ug/l | 99     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

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 12/4/2019 1:52:46 PM

Quant Time: Dec 04 04:13:49 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          | 7.46  | 83   | 527077   | 44.504  | ug/l   | 96       |
| 40) Benzene                    | 6.14  | 78   | 1406453  | 48.197  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.03  | 41   | 293849   | 49.849  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 490641   | 49.301  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 884469   | 49.982  | ug/l   | 100      |
| 44) Trichloroethene            | 7.20  | 130  | 385173   | 48.094  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 361704   | 49.541  | ug/l   | 98       |
| 46) Dibromomethane             | 7.65  | 93   | 240072   | 48.414  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.89  | 83   | 486675   | 51.916  | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.76  | 41   | 437002   | 50.827  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 162737   | 845.588 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 2715968  | 244.000 | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 898826   | 49.581  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 535714   | 50.207  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 581035   | 49.843  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 361582   | 49.495  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 596704   | 50.804  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 604908   | 48.038  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 1109062  | 240.837 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 2116353  | 243.782 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 403258   | 53.189  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 384191   | 49.239  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.33  | 164  | 427336   | 59.978  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 953786   | 48.083  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 366323   | 51.428  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 1677879  | 49.224  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.35 | 106  | 1285273  | 98.487  | ug/l   | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 625400   | 49.136  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 1071267  | 50.035  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 322730   | 54.758  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.01 | 105  | 1647117  | 48.662  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.89 | 43   | 783332   | 50.520  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 559903   | 47.699  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 449337m  | 41.402  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 441242   | 48.254  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.35 | 91   | 1839587  | 48.686  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 1093849  | 48.259  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 1371245  | 49.429  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 190940   | 48.132  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 1262309  | 48.084  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 1320436  | 46.835  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 1387469  | 49.280  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 1582808  | 49.151  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 1465332  | 48.912  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 761300   | 47.761  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 760556   | 46.845  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 1245583  | 48.748  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 273430   | 50.494  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 768518   | 48.798  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 128736   | 50.362  | ug/l   | 96       |

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Acq On : 03 Dec 2019 22:01  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

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12/4/2019 1:52:46 PM

Quant Time: Dec 04 04:13:49 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  | 544565   | 49.614 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 251758   | 47.748 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 1705549  | 52.178 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 543994   | 50.057 | ug/l  | 100      |

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

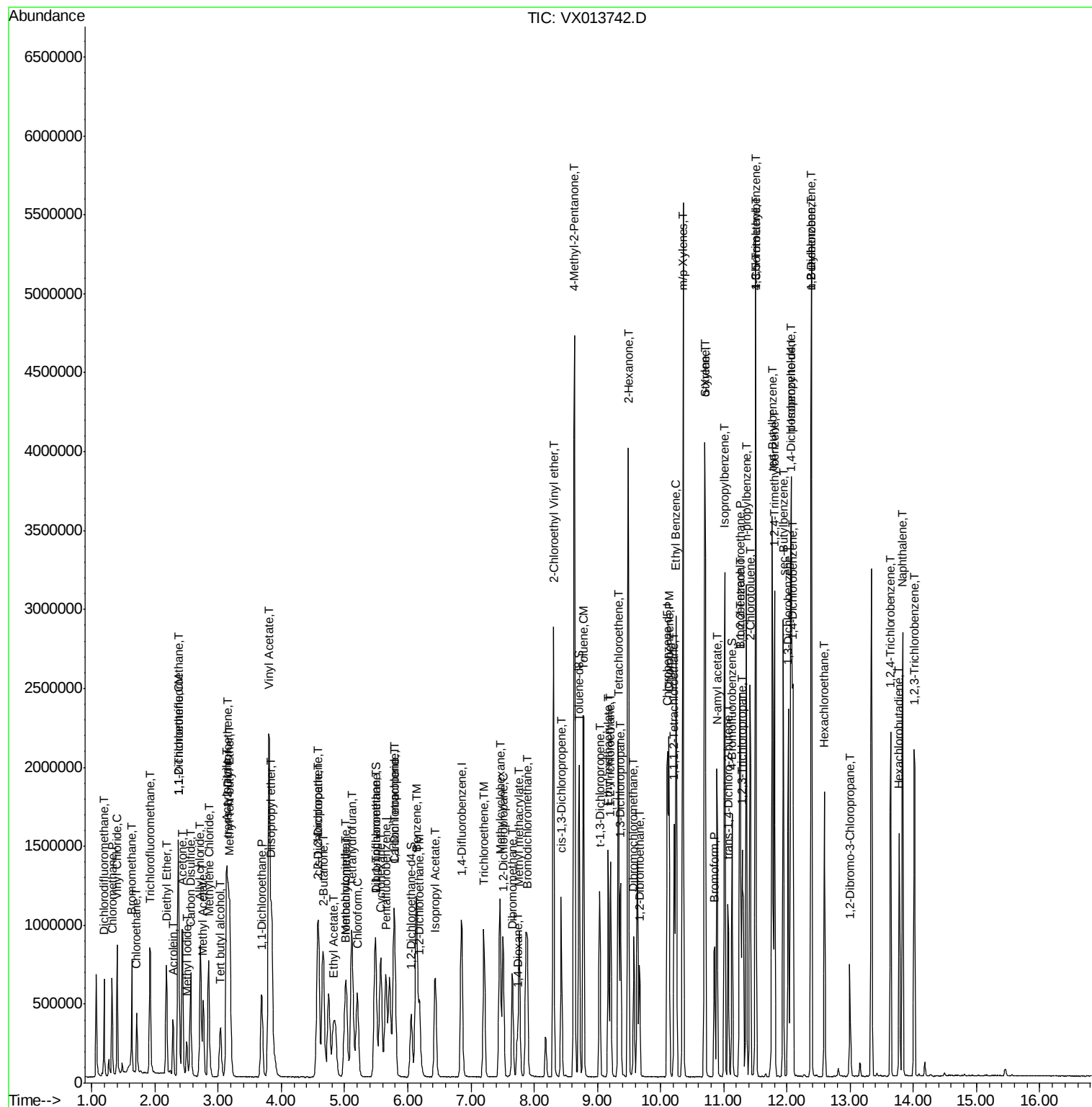
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 Acq On : 03 Dec 2019 22:01  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

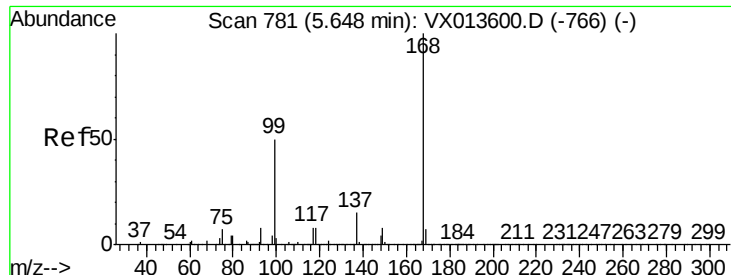
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 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
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Quant Time: Dec 04 04:13:49 2019  
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 26 15:53:00 2019  
 Response via : Initial Calibration





#1

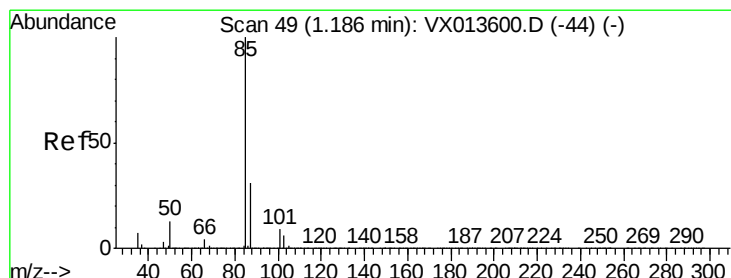
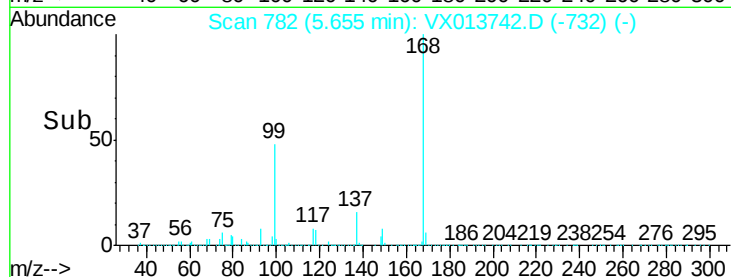
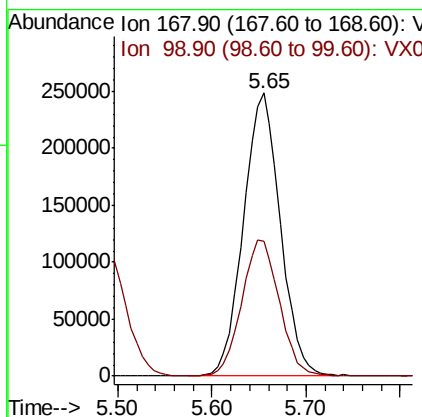
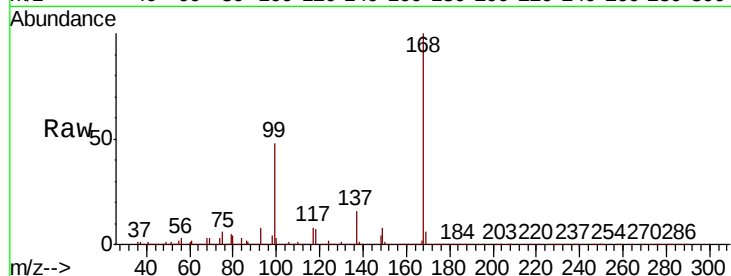
Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.65 min Scan# 782  
 Delta R.T. 0.01 min  
 Lab File: VX013742.D  
 Acq: 03 Dec 2019 22:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 47.7  | 39.8  | 59.8  |

Manual Integrations  
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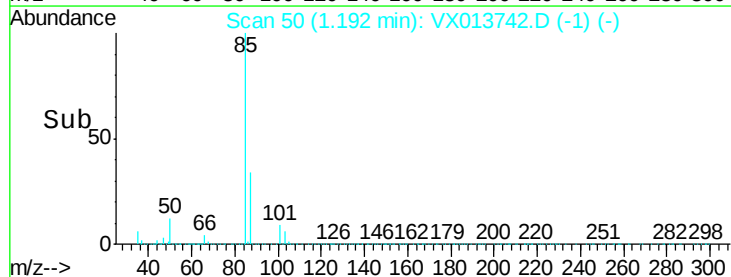
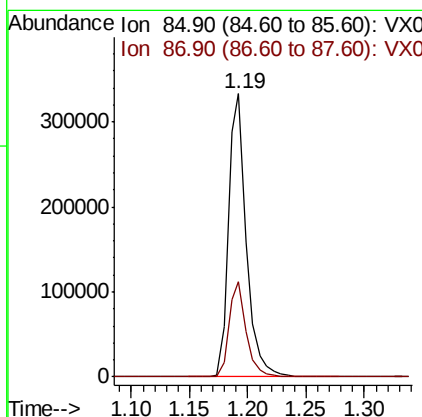
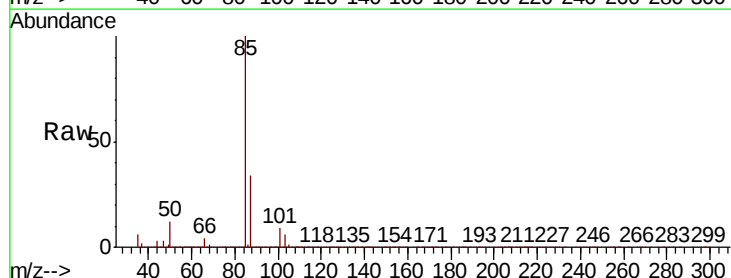
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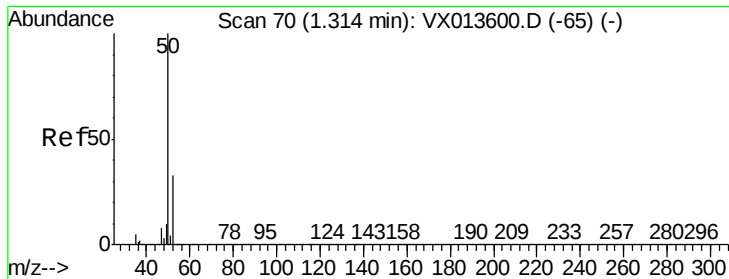


#2

Dichlorodifluoromethane  
 Concen: 46.269 ug/l  
 RT: 1.19 min Scan# 50  
 Delta R.T. 0.01 min  
 Lab File: VX013742.D  
 Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 33.7  | 15.7  | 47.1  |





#3

Chloromethane

Concen: 44.367 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 377172

Ion Ratio Lower Upper

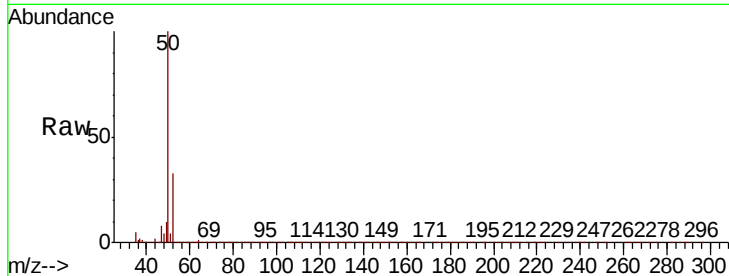
50 100

52 33.0 26.0 39.0

Manual Integrations  
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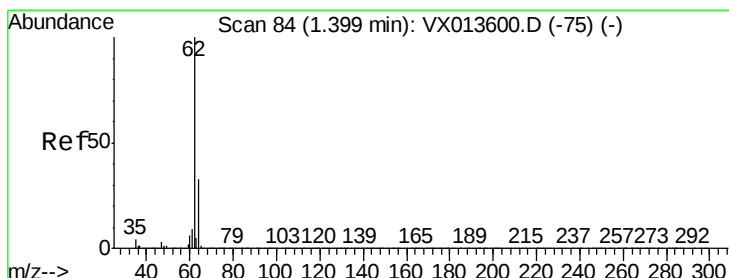
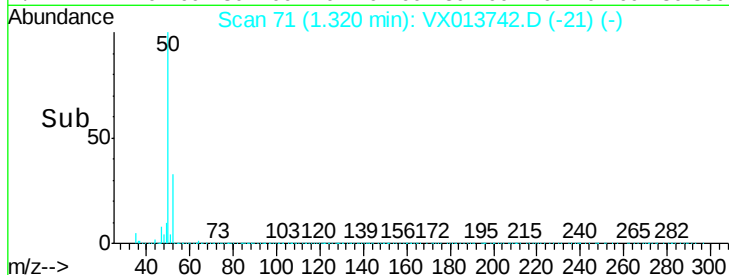
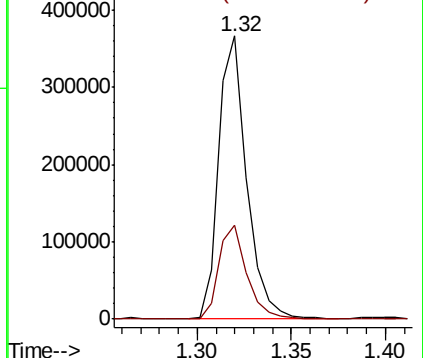
apatel

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.498 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013742.D

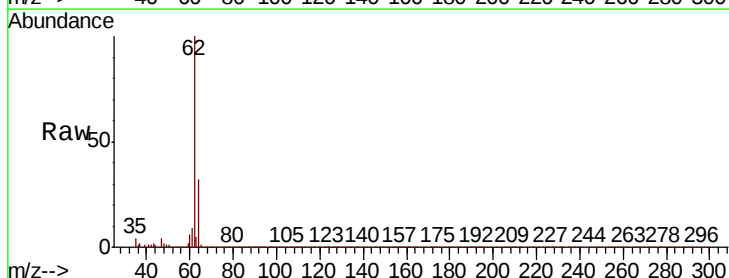
Acq: 03 Dec 2019 22:01

Tgt Ion: 62 Resp: 464045

Ion Ratio Lower Upper

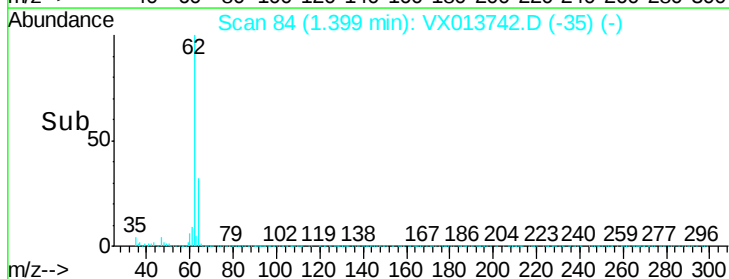
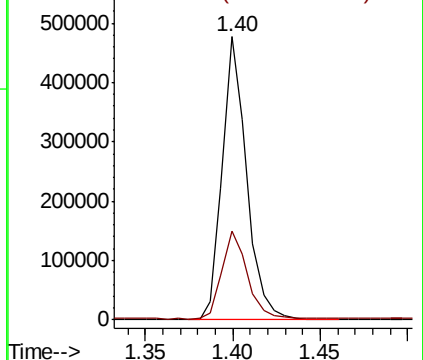
62 100

64 31.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 34.784 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 223517

Ion Ratio Lower Upper

94 100

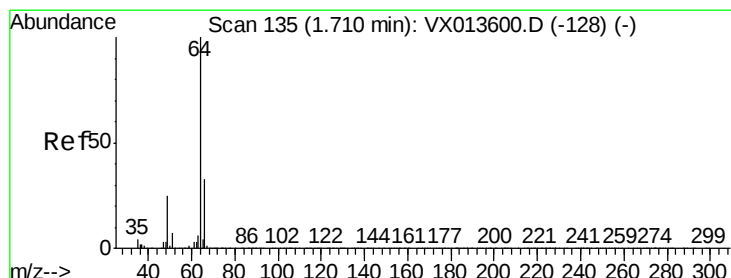
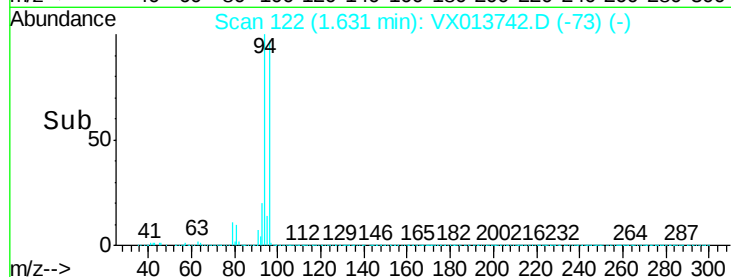
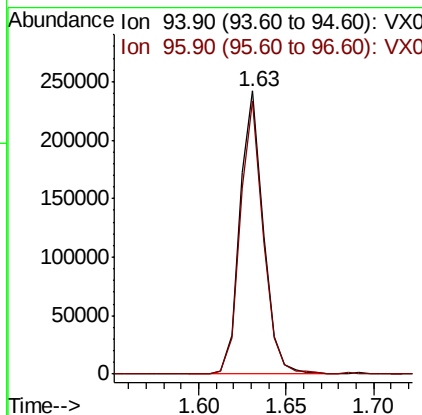
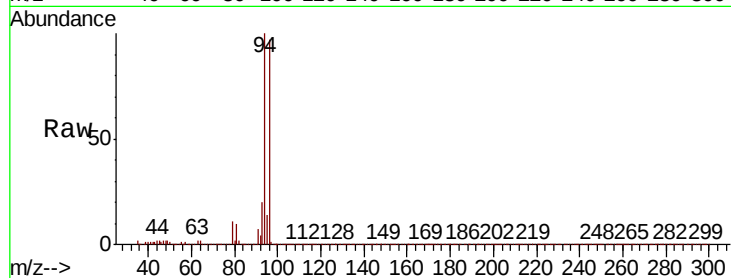
96 96.8 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 46.084 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013742.D

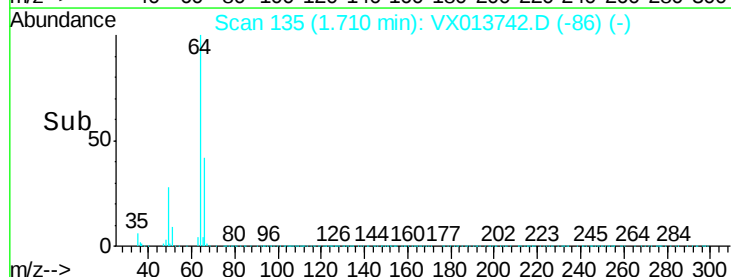
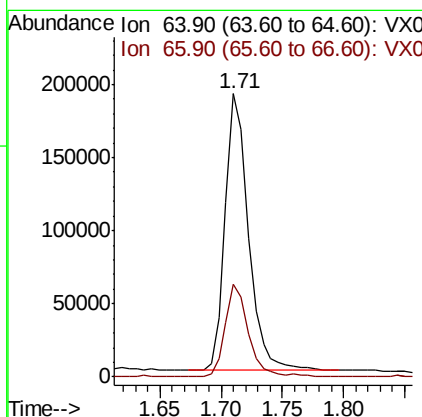
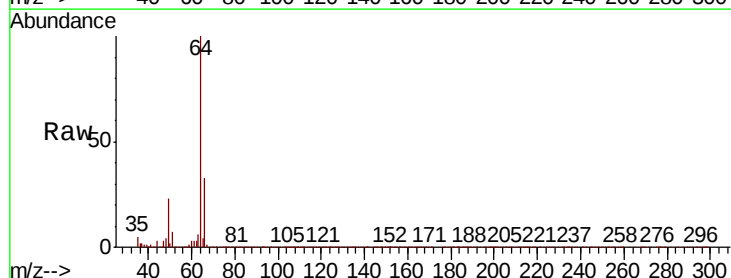
Acq: 03 Dec 2019 22:01

Tgt Ion: 64 Resp: 250923

Ion Ratio Lower Upper

64 100

66 33.2 26.7 40.1





#7

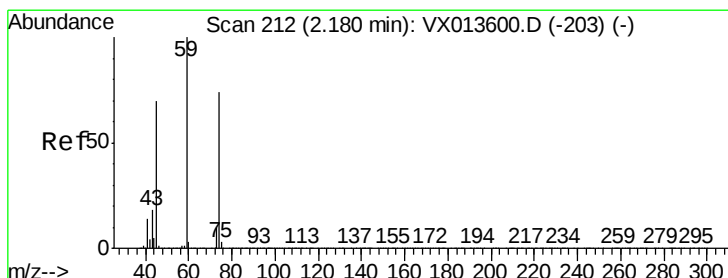
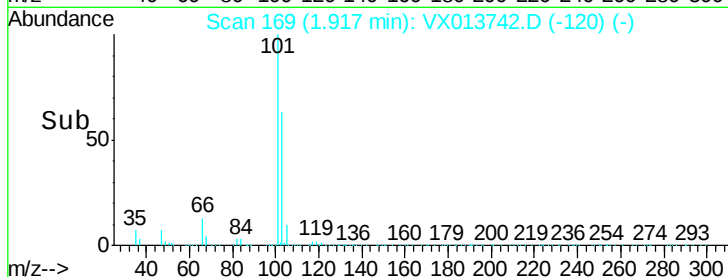
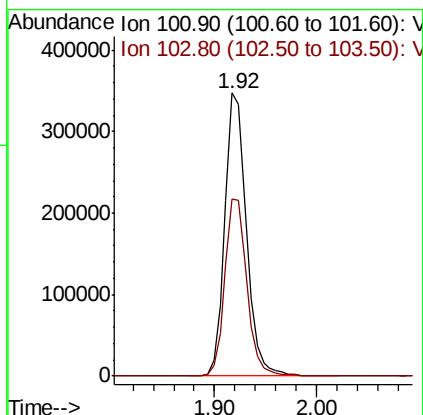
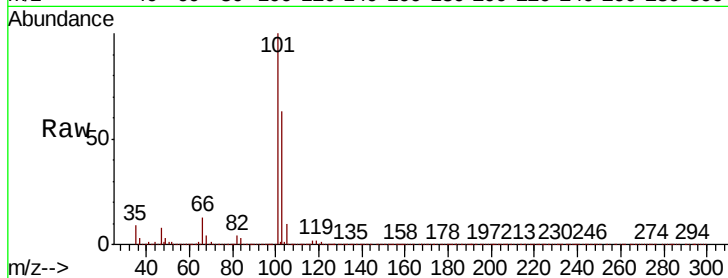
Trichlorofluoromethane  
Concen: 48.025 ug/l  
RT: 1.92 min Scan# 169  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.5  | 51.8  | 77.6  |

Manual Integrations  
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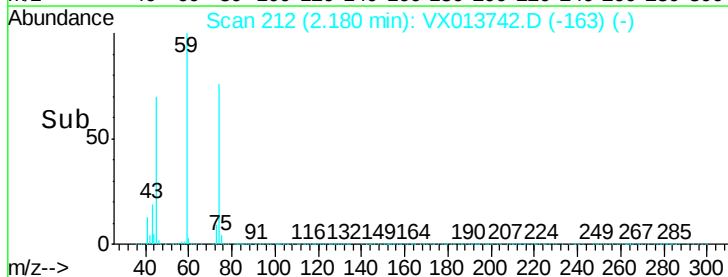
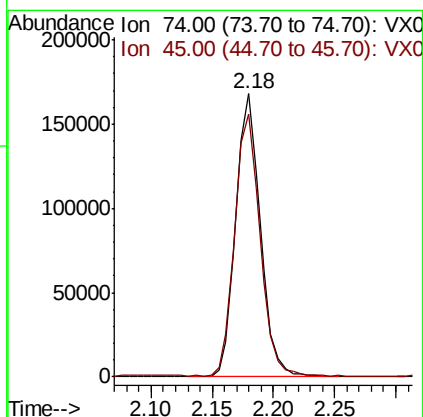
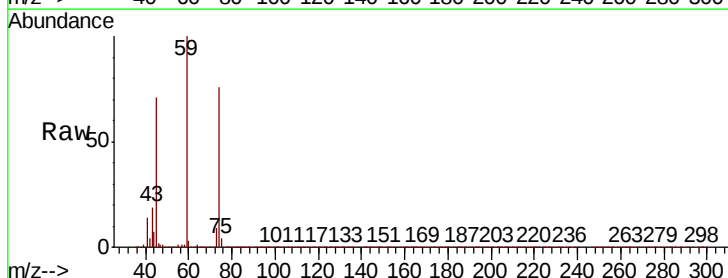
apatel  
12/4/2019 1:52:46 PM

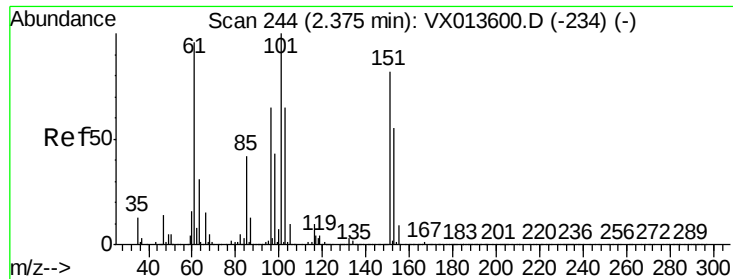


#8

Diethyl Ether  
Concen: 48.186 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 96.1  | 48.9  | 146.8 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.050 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

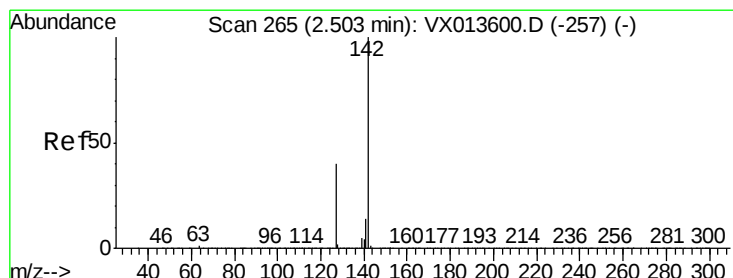
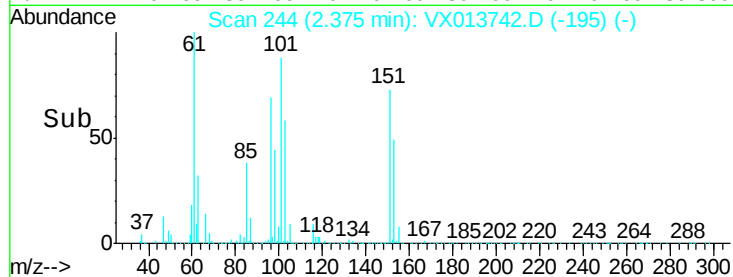
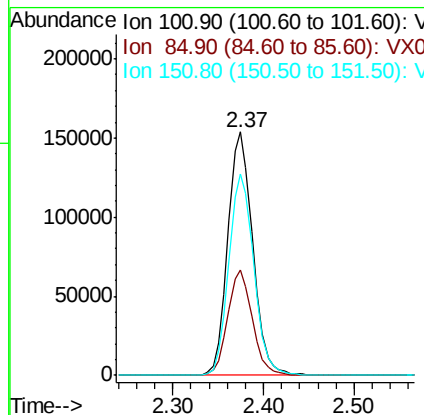
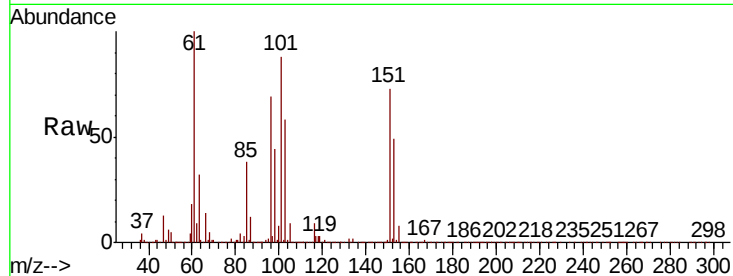
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 292365 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.4  | 33.9  | 50.9   |
| 151       | 83.3  | 64.2  | 96.2   |

Manual Integrations  
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#10

Methyl Iodide

Concen: 31.404 ug/l

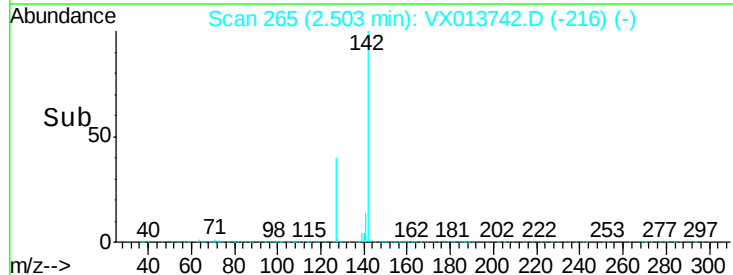
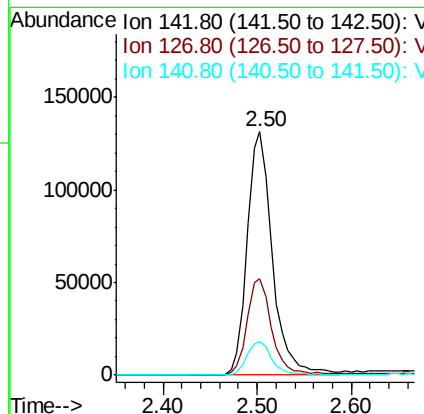
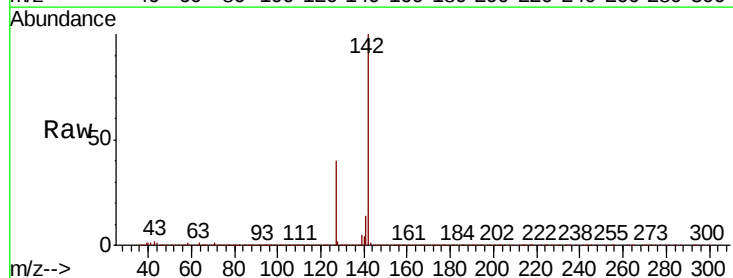
RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 246534 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 38.5  | 31.0  | 46.4   |
| 141       | 14.0  | 11.6  | 17.4   |





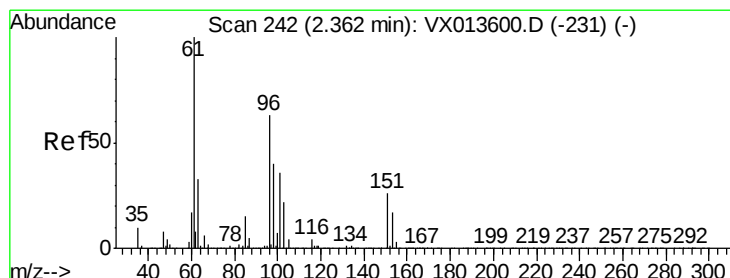
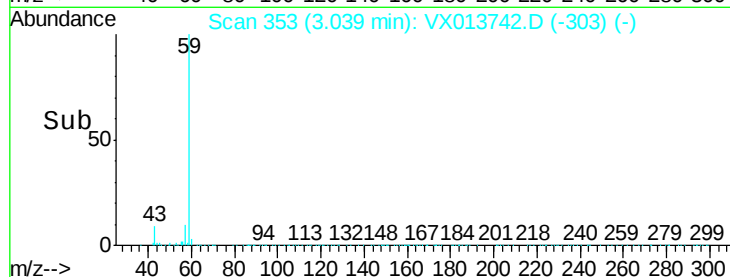
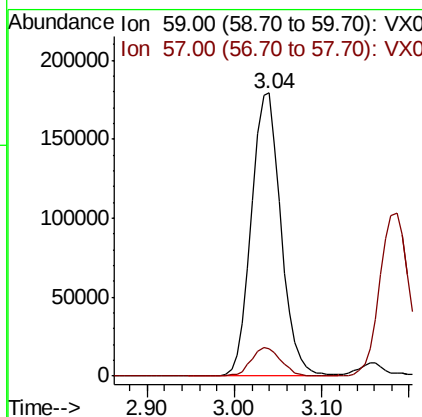
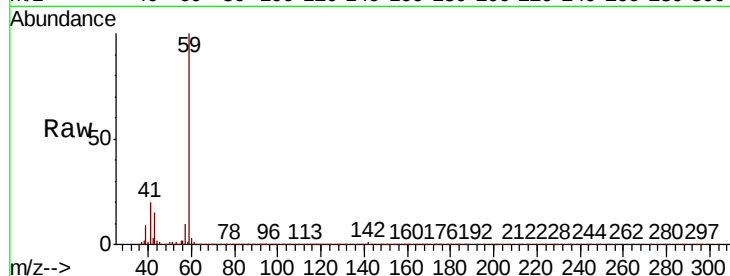
#11  
Tert butyl alcohol  
Concen: 216.990 ug/l  
RT: 3.04 min Scan# 353  
Delta R.T. 0.01 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.0  | 7.8   | 11.6  |

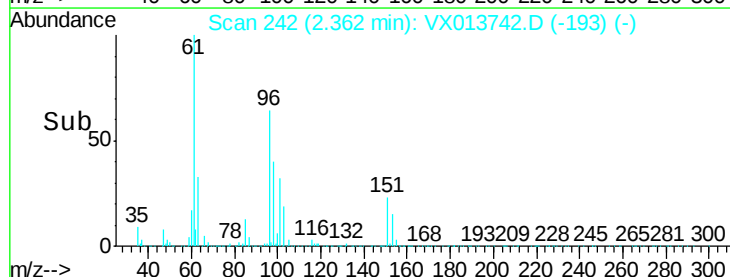
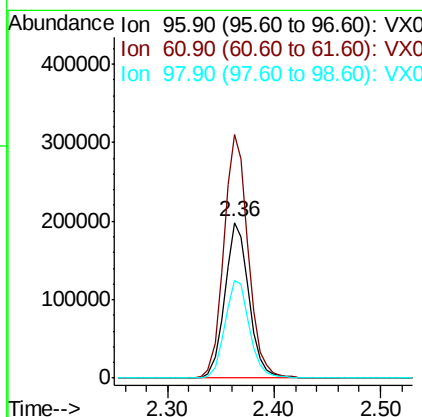
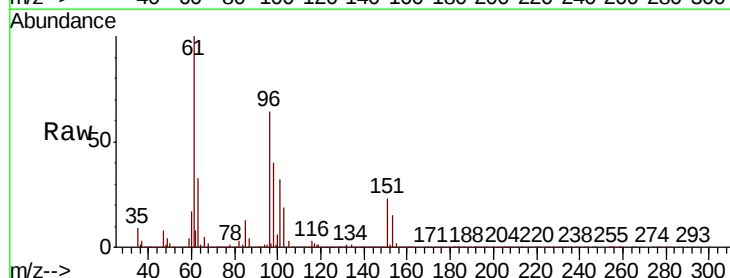
Manual Integrations  
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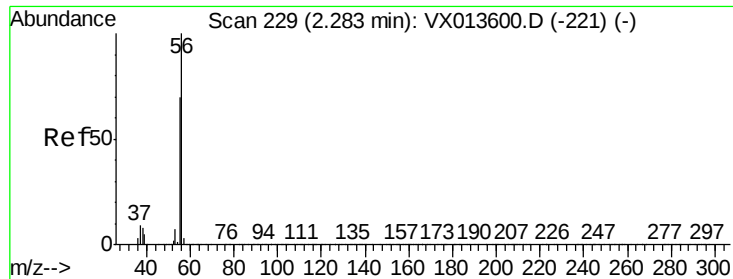
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#12  
1,1-Dichloroethene  
Concen: 48.152 ug/l  
RT: 2.36 min Scan# 242  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 156.4 | 126.6 | 190.0 |
| 98      | 63.1  | 50.6  | 76.0  |





#13

Acrolein

Concen: 196.692 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 254833

Ion Ratio Lower Upper

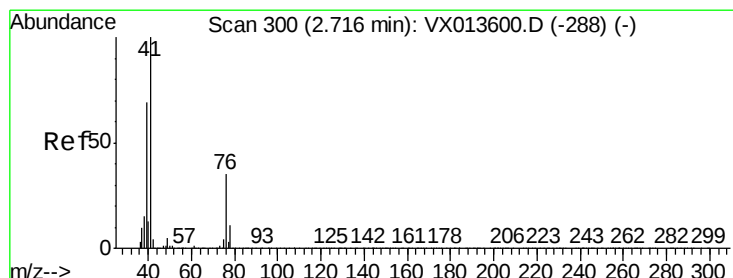
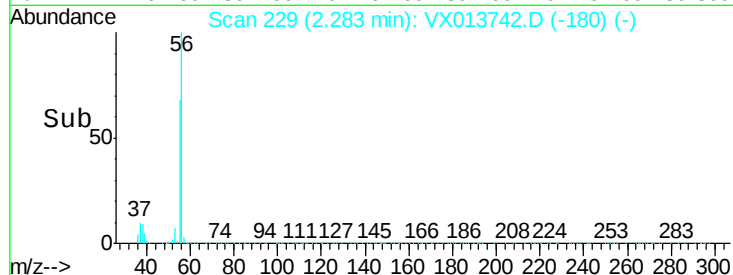
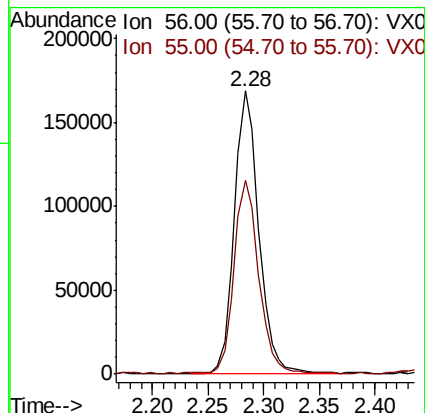
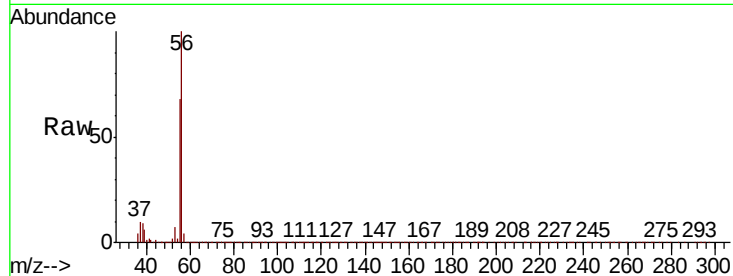
56 100

55 69.4 56.2 84.4

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#14

Allyl chloride

Concen: 48.188 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

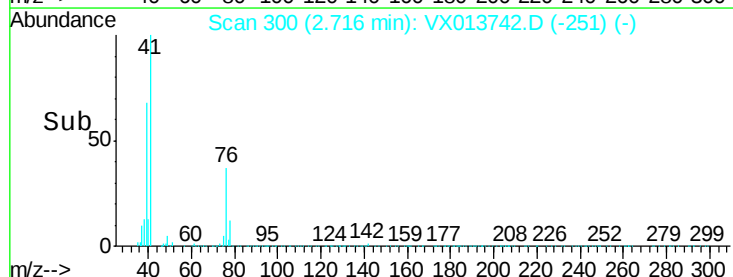
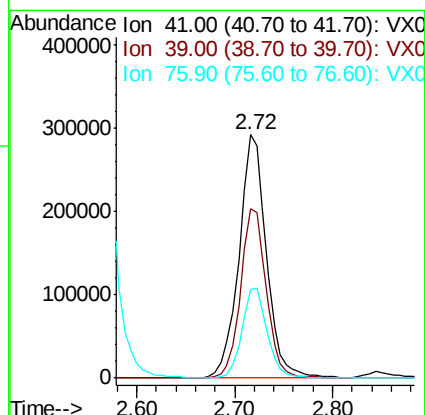
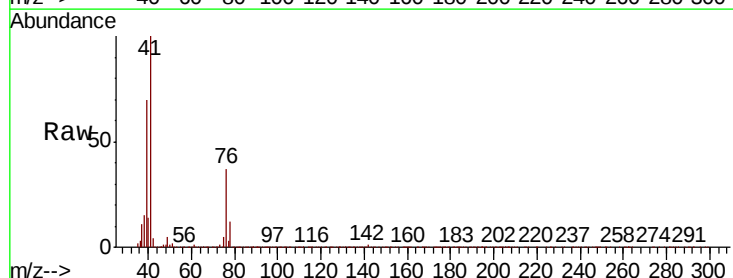
Tgt Ion: 41 Resp: 566491

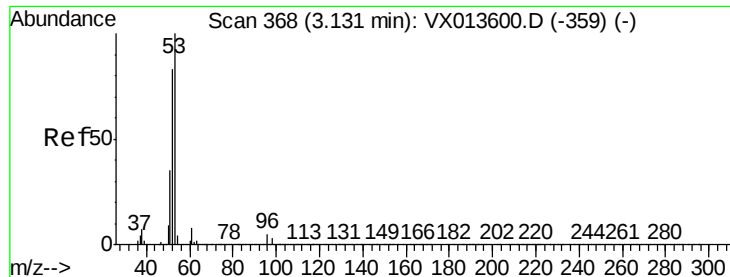
Ion Ratio Lower Upper

41 100

39 65.3 51.7 77.5

76 33.7 25.9 38.9





#15

Acrylonitrile

Concen: 241.936 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

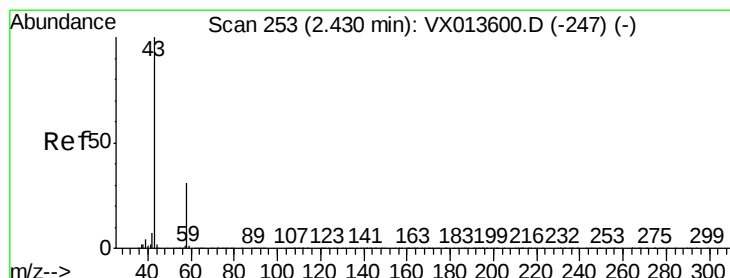
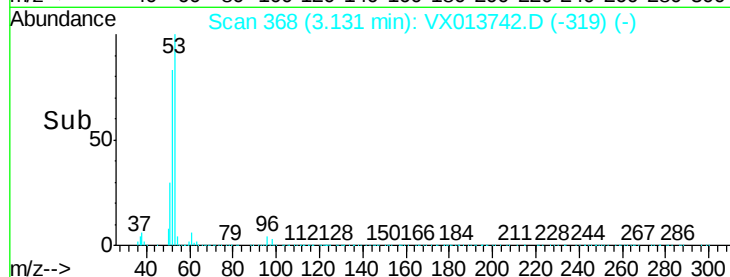
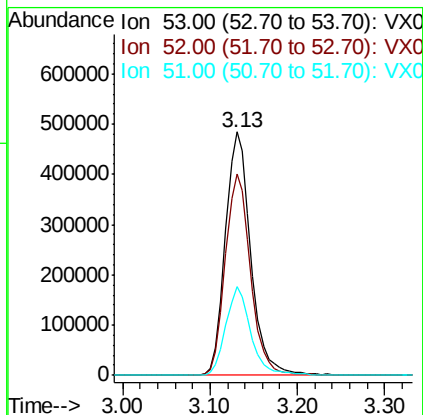
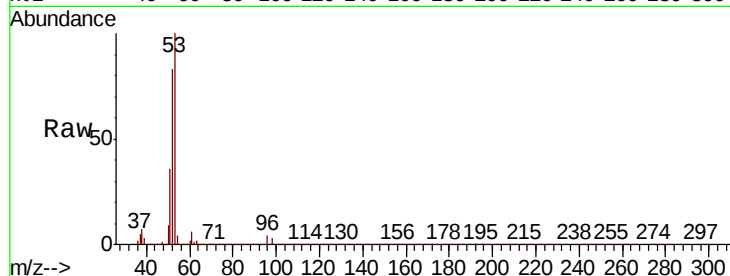
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 973970 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.7  | 66.2  | 99.2   |
| 51       | 35.6  | 29.0  | 43.6   |

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#16

Acetone

Concen: 259.093 ug/l

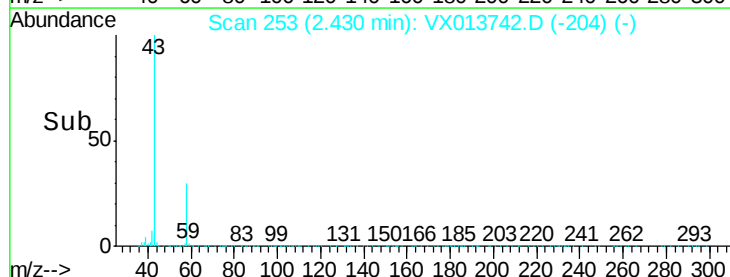
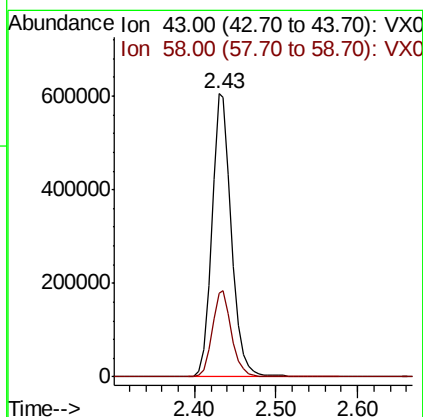
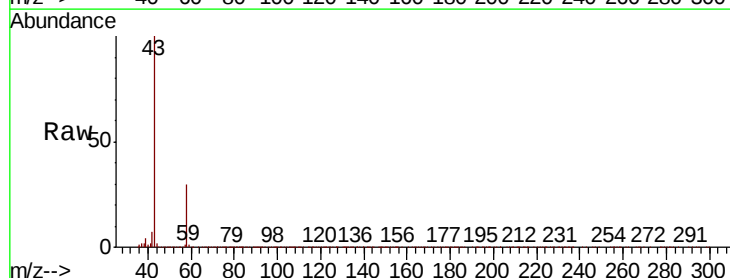
RT: 2.43 min Scan# 253

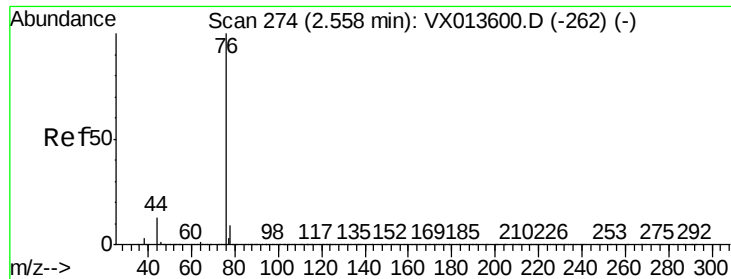
Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 43    | Resp: | 1010707 |
| Ion      | Ratio | Lower | Upper   |
| 43       | 100   |       |         |
| 58       | 29.6  | 24.6  | 36.8    |





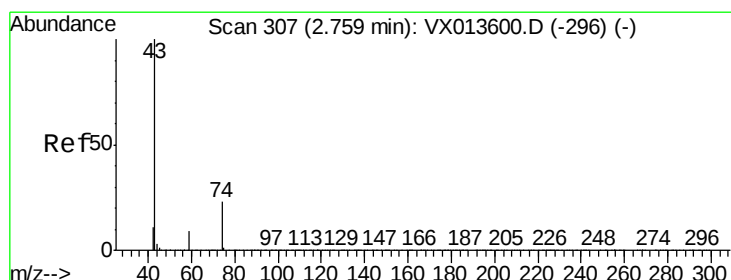
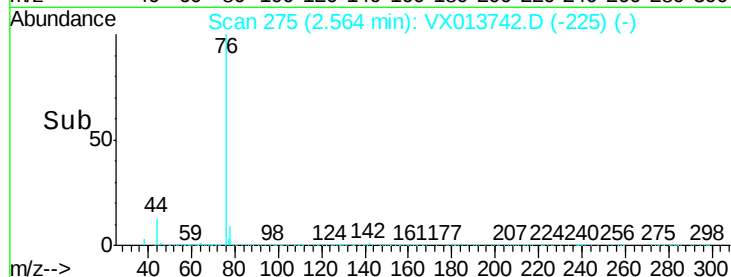
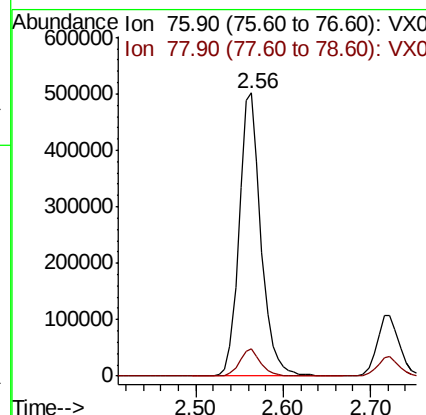
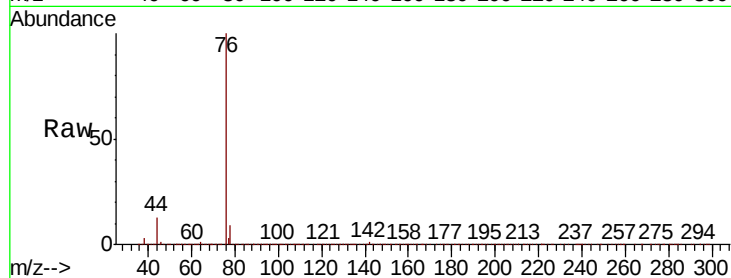
#17  
Carbon Disulfide  
Concen: 47.352 ug/l  
RT: 2.56 min Scan# 275  
Delta R.T. 0.01 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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

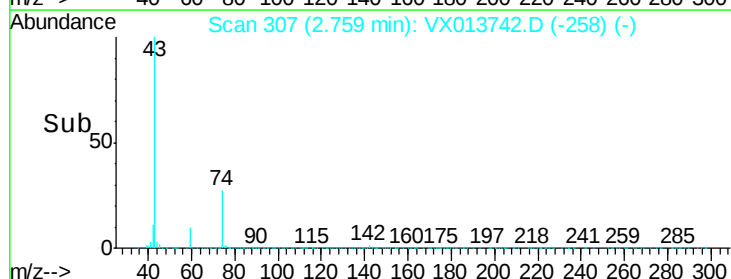
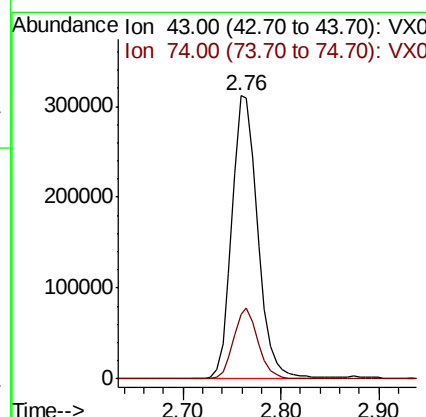
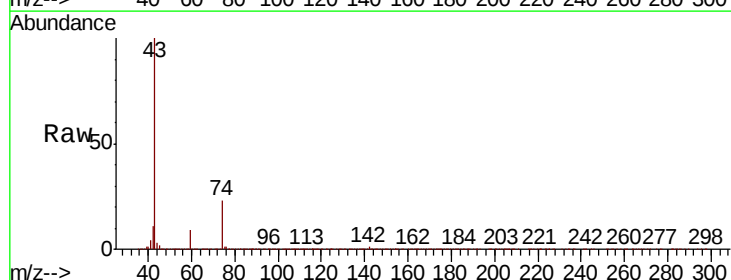
Manual Integrations  
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#18  
Methyl Acetate  
Concen: 52.700 ug/l  
RT: 2.76 min Scan# 307  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.9  | 19.5  | 29.3  |





#19

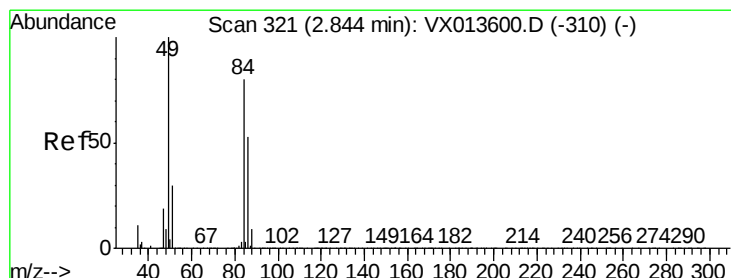
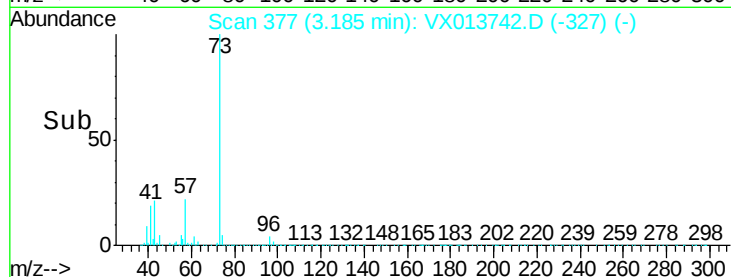
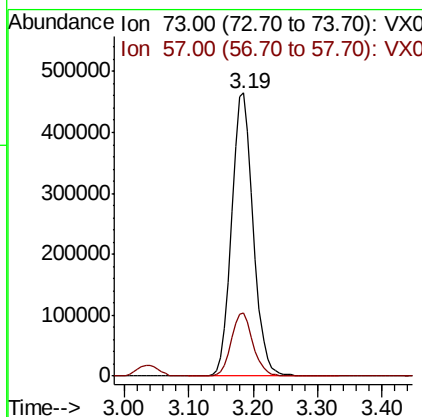
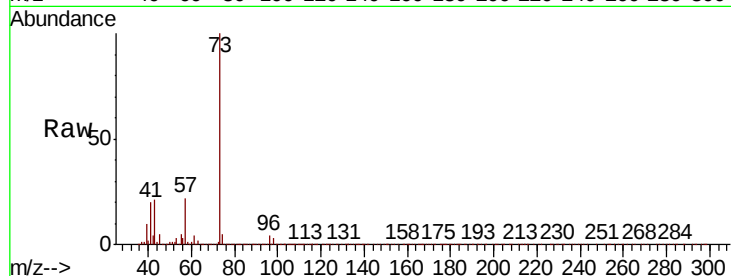
Methyl tert-butyl Ether  
Concen: 50.767 ug/l  
RT: 3.19 min Scan# 377  
Delta R.T. 0.01 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleID :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.1  | 18.3  | 27.5  |

Manual Integrations  
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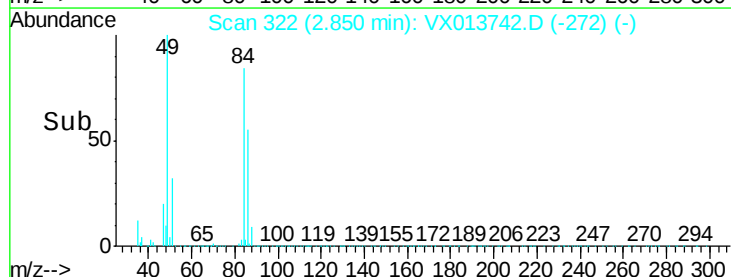
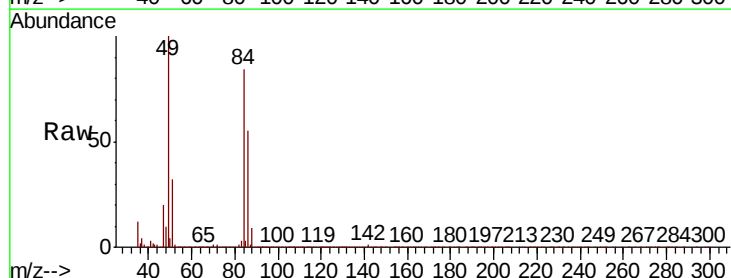
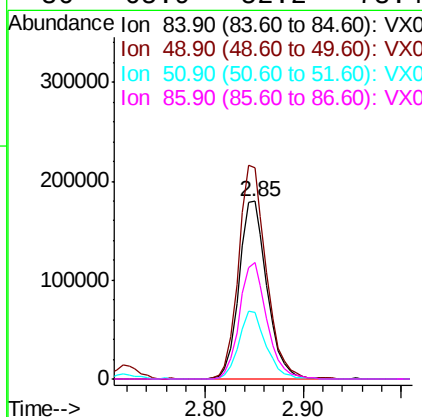
apatel  
12/4/2019 1:52:46 PM

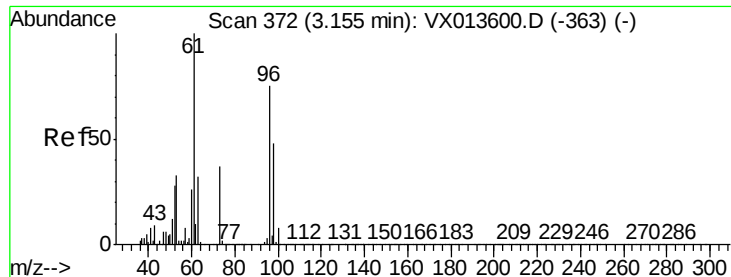


#20

Methylene Chloride  
Concen: 47.413 ug/l  
RT: 2.85 min Scan# 322  
Delta R.T. 0.01 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 119.1 | 99.7  | 149.5 |
| 51      | 37.6  | 29.9  | 44.9  |
| 86      | 65.9  | 52.2  | 78.4  |





#21

trans-1,2-Dichloroethene

Concen: 48.078 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

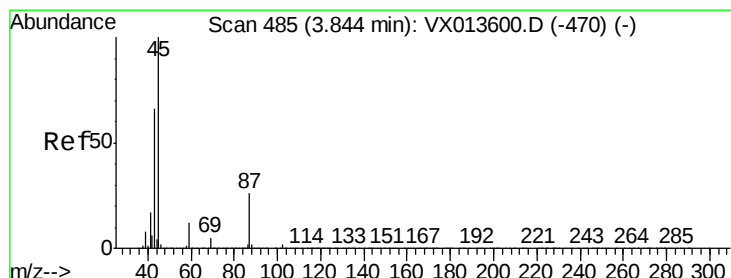
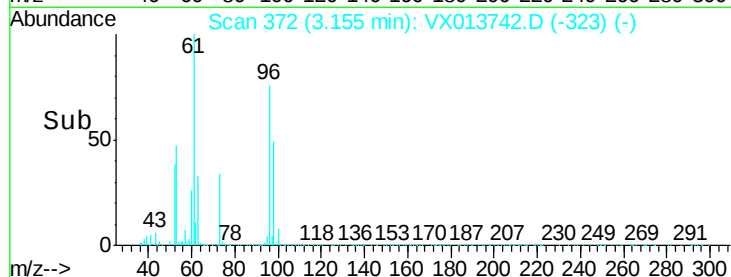
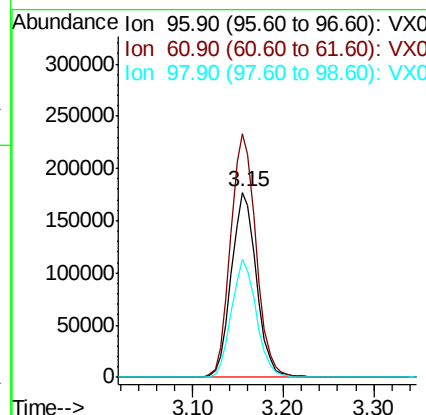
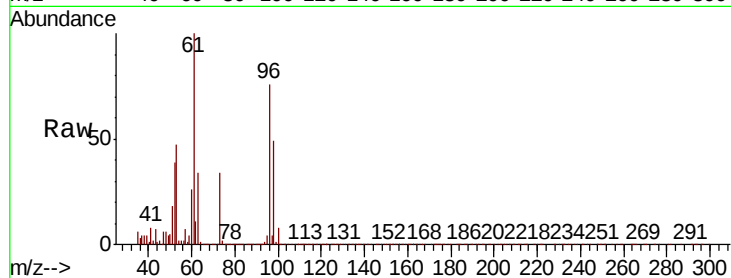
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 339287 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 131.4 | 107.2 | 160.8  |
| 98       | 64.0  | 51.4  | 77.0   |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 49.271 ug/l

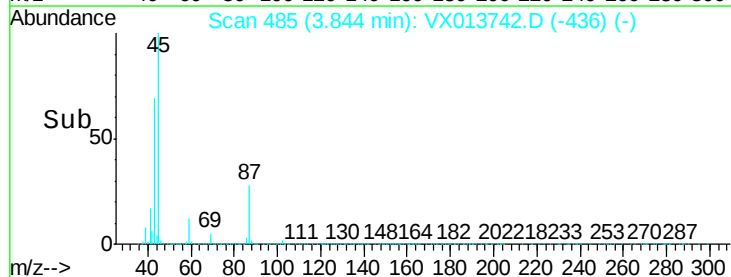
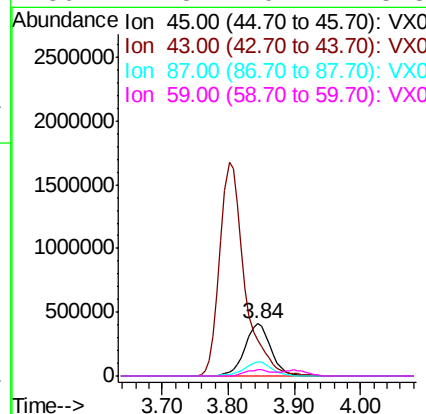
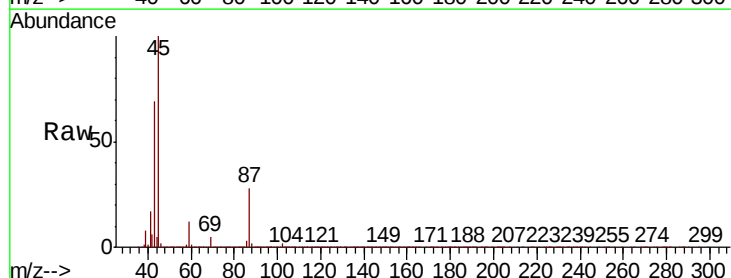
RT: 3.84 min Scan# 485

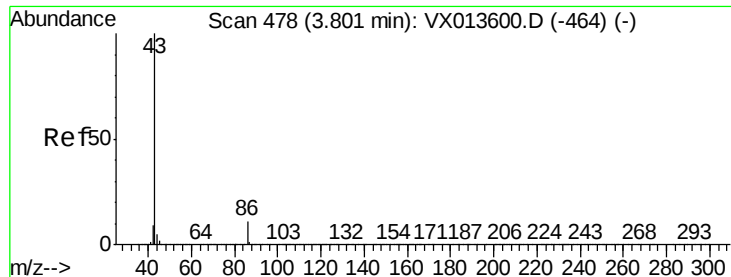
Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 45    | Resp: | 1115303 |
| Ion      | Ratio | Lower | Upper   |
| 45       | 100   |       |         |
| 43       | 68.5  | 52.6  | 79.0    |
| 87       | 28.1  | 21.1  | 31.7    |
| 59       | 11.8  | 9.2   | 13.8    |





#23

Vinyl Acetate

Concen: 232.926 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4386209

Ion Ratio Lower Upper

43 100

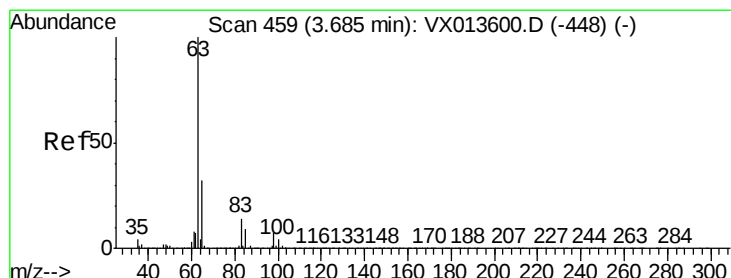
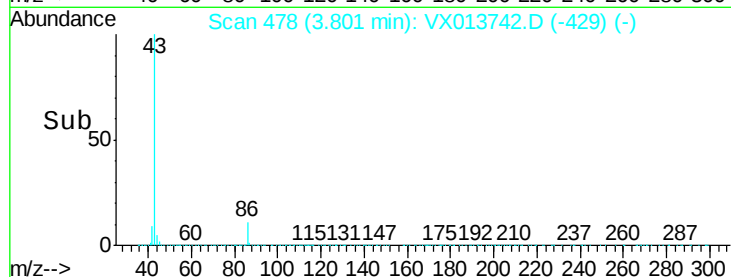
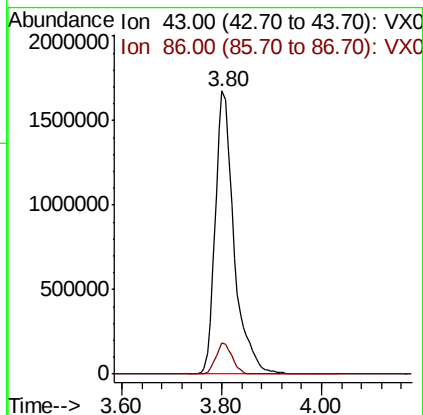
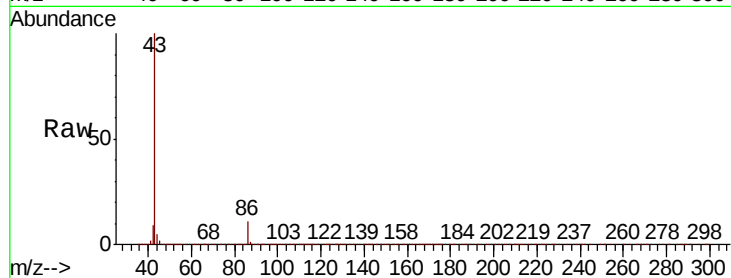
86 10.9 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.691 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

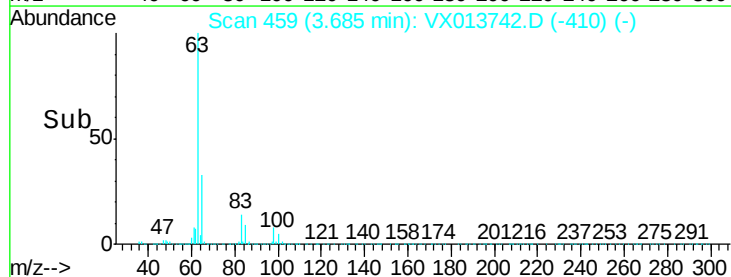
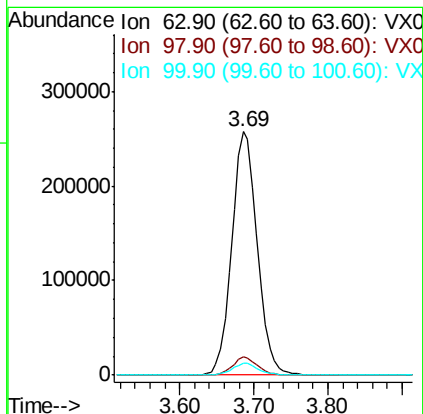
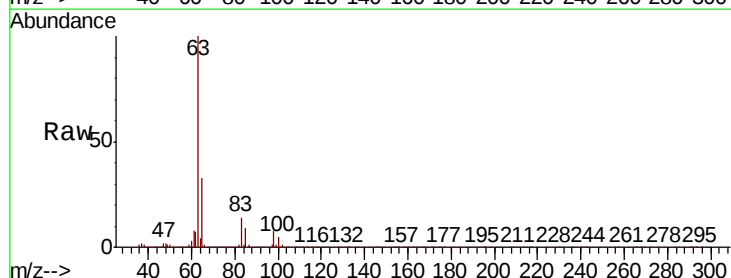
Tgt Ion: 63 Resp: 614901

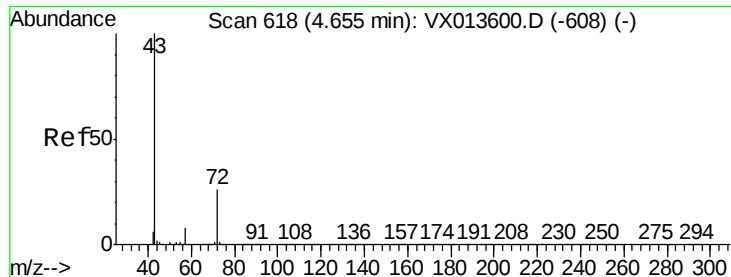
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.9 2.1 6.3





#25

2-Butanone

Concen: 248.568 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1441086

Ion Ratio Lower Upper

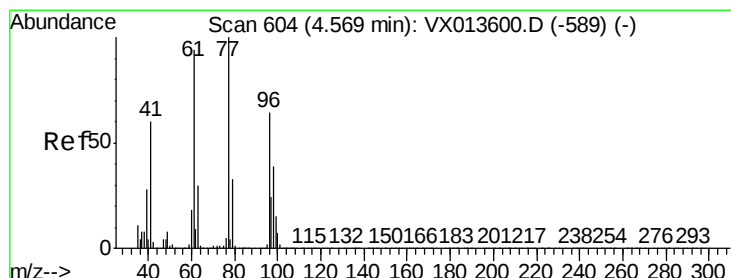
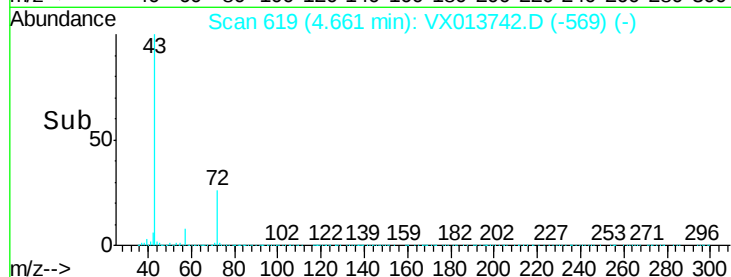
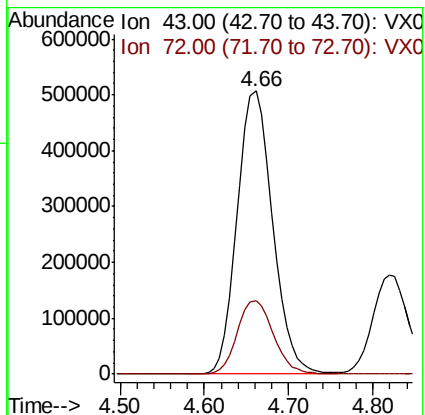
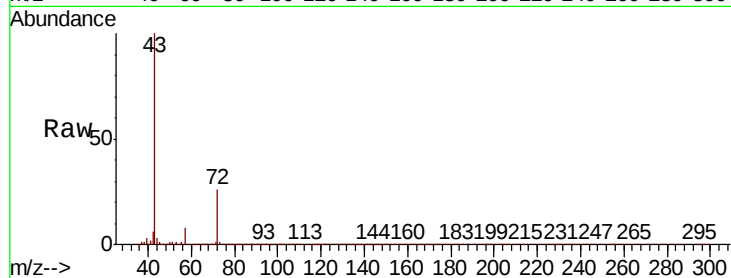
43 100

72 25.9 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 43.439 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013742.D

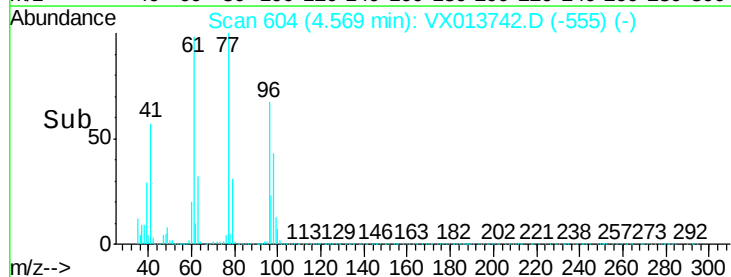
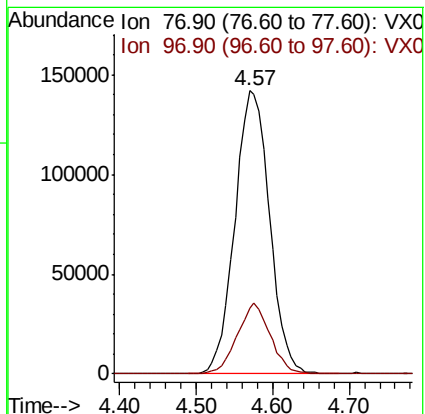
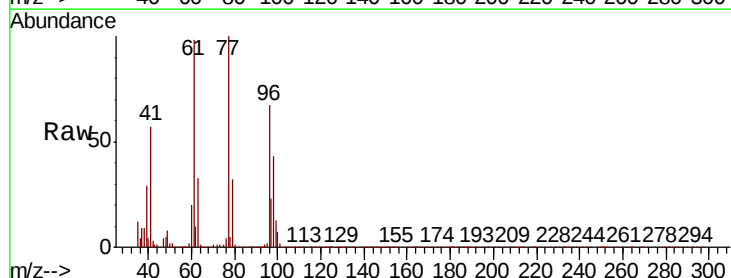
Acq: 03 Dec 2019 22:01

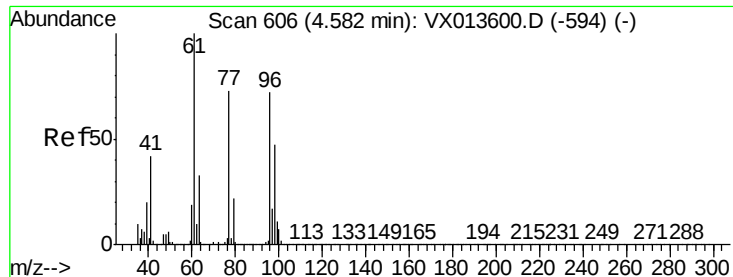
Tgt Ion: 77 Resp: 444741

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.1





#27

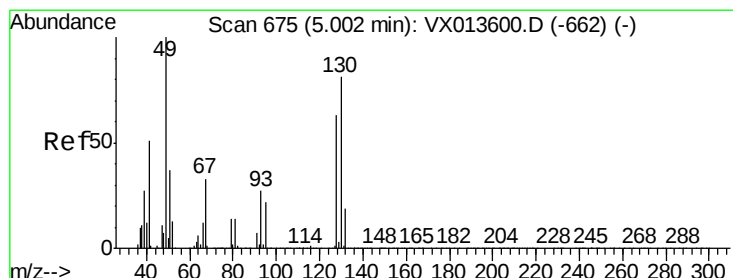
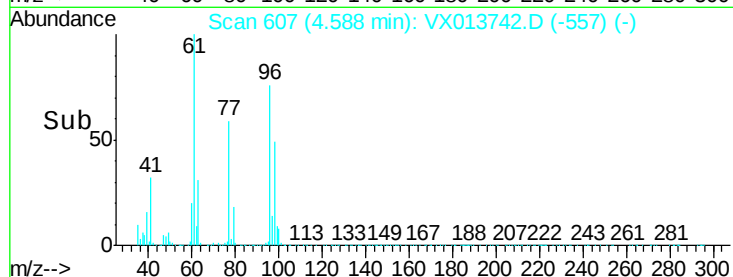
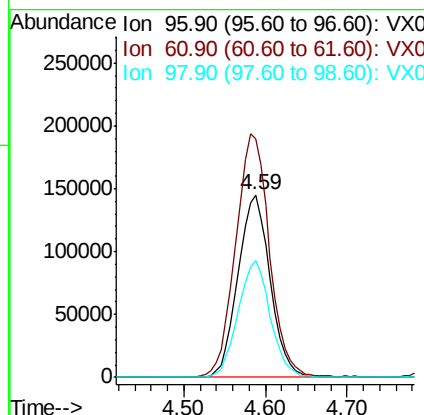
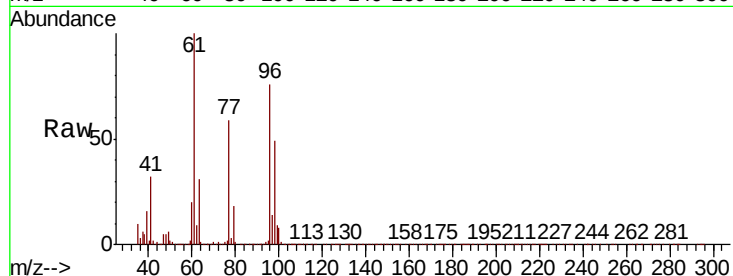
cis-1,2-Dichloroethene  
Concen: 48.746 ug/l  
RT: 4.59 min Scan# 607  
Delta R.T. 0.01 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 395050 |       |       |
| 61      | 140.1 | 0.0    | 286.4 |       |
| 98      | 64.5  | 0.0    | 127.4 |       |

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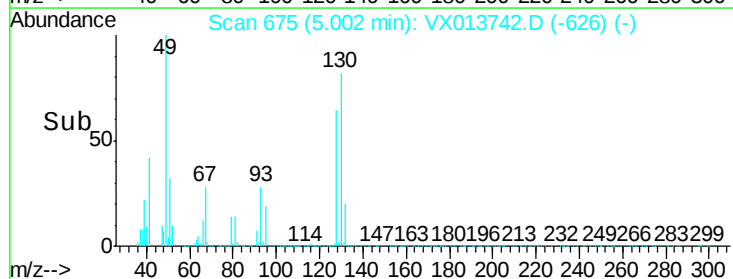
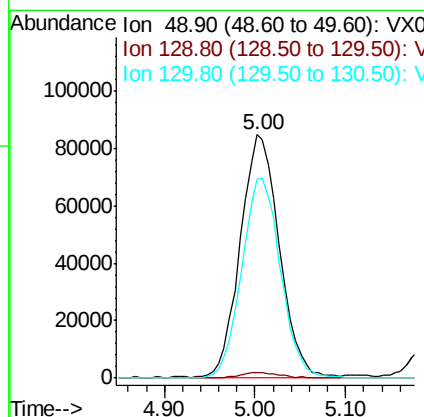
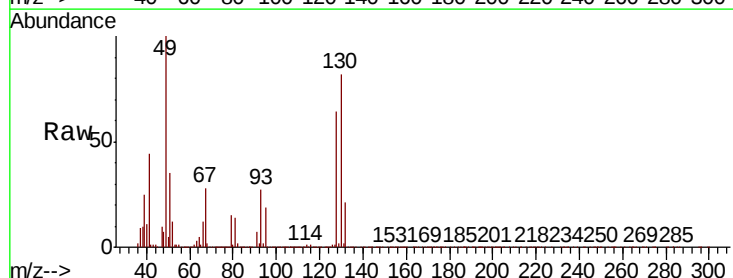
apatel  
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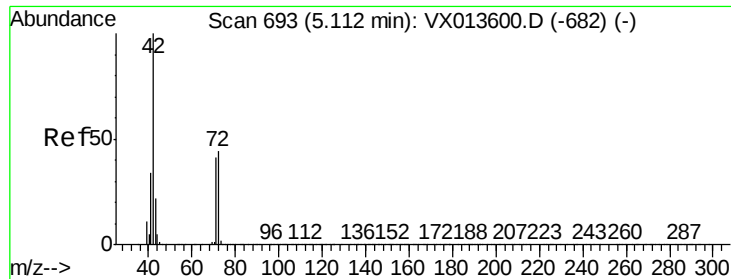


#28

Bromochloromethane  
Concen: 51.552 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. 0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 252093 |       |       |
| 129     | 2.5   | 0.0    | 5.0   |       |
| 130     | 81.3  | 65.4   | 98.0  |       |





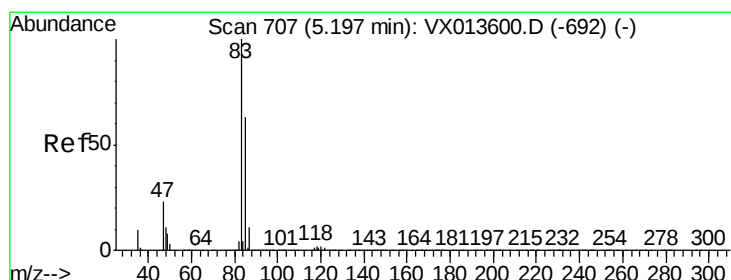
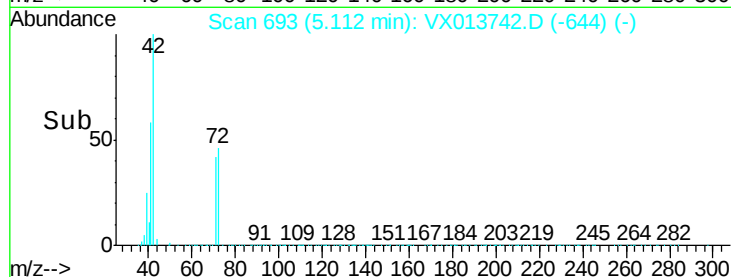
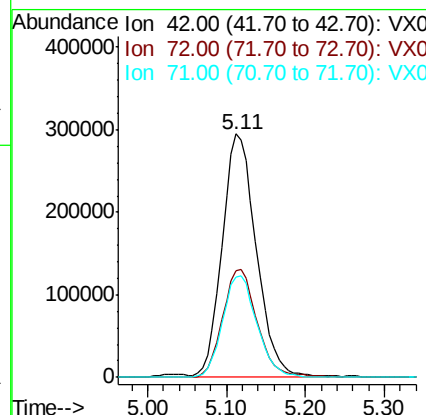
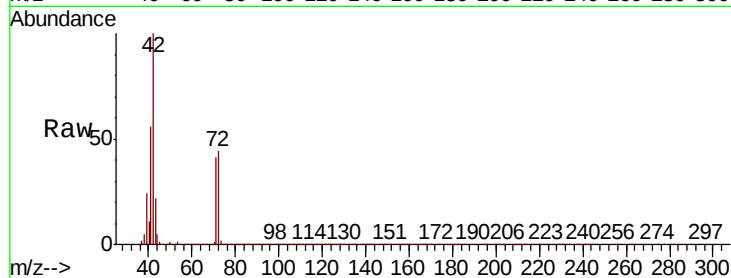
#29  
Tetrahydrofuran  
Concen: 246.773 ug/l  
RT: 5.11 min Scan# 693  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.1  | 36.3  | 54.5  |
| 71      | 42.5  | 33.2  | 49.8  |

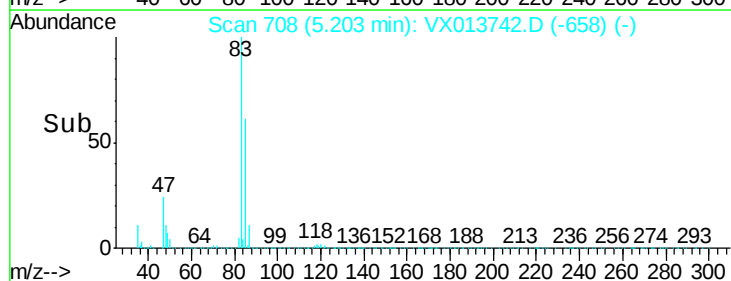
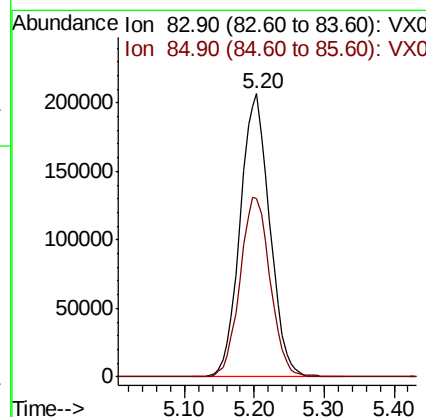
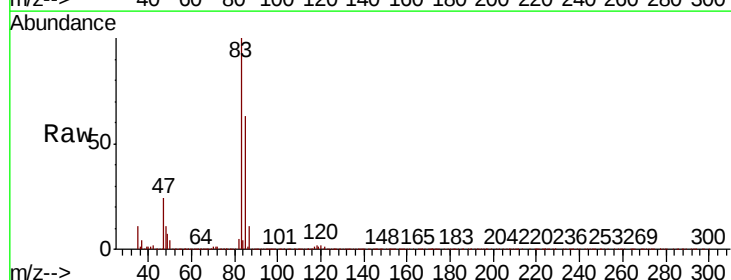
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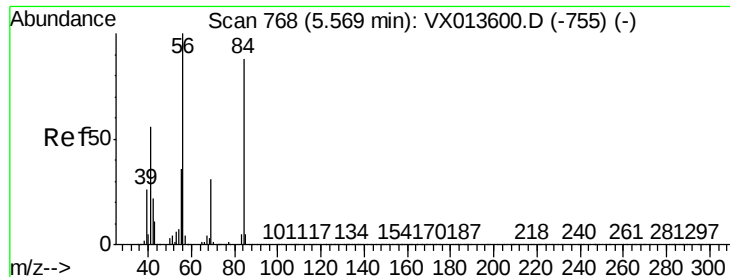
apatel  
12/4/2019 1:52:46 PM



#30  
Chloroform  
Concen: 48.264 ug/l  
RT: 5.20 min Scan# 708  
Delta R.T. 0.01 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.0  | 50.2  | 75.4  |





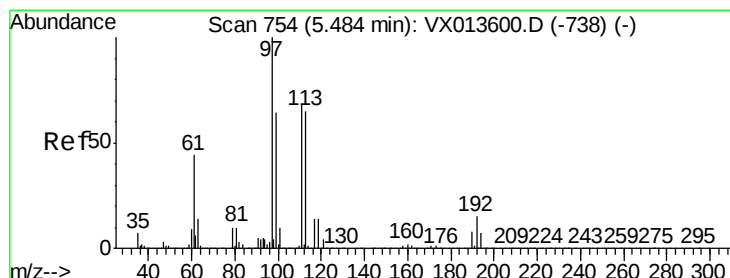
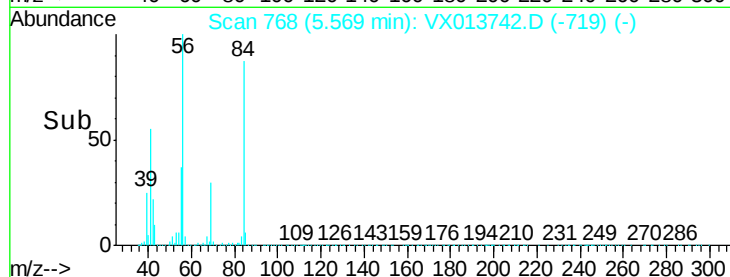
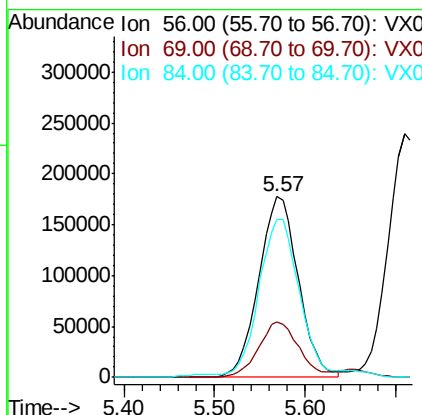
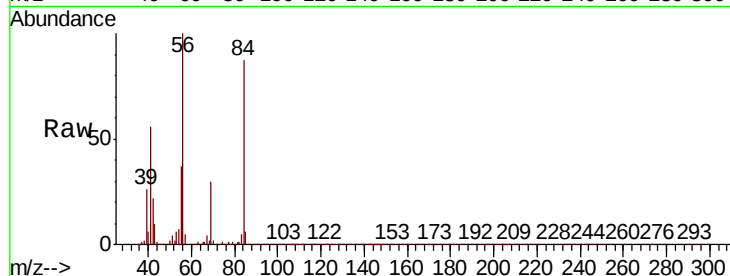
#31  
Cyclohexane  
Concen: 45.819 ug/l  
RT: 5.57 min Scan# 768  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.4  | 24.6  | 36.8  |
| 84      | 86.4  | 70.0  | 105.0 |

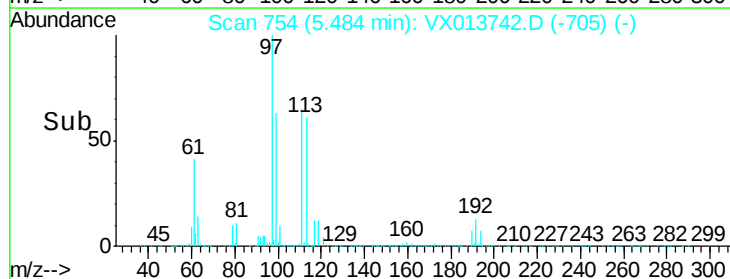
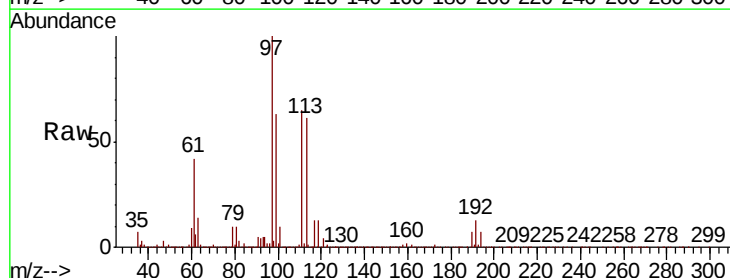
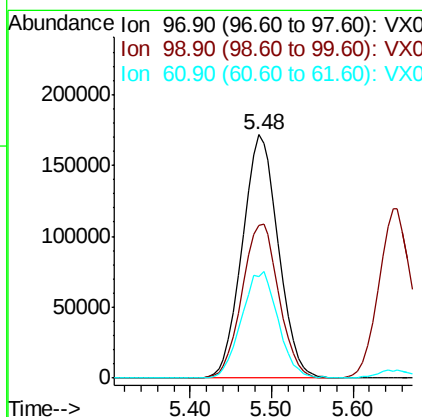
Manual Integrations  
APPROVED

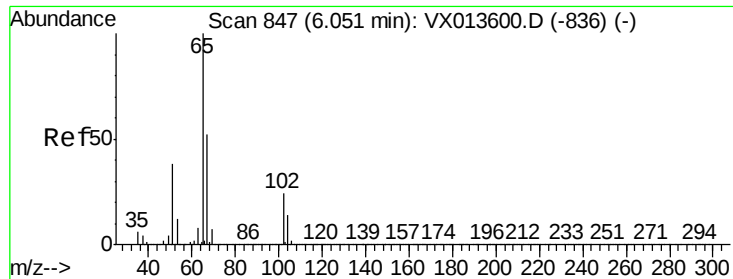
apatel  
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#32  
1,1,1-Trichloroethane  
Concen: 50.101 ug/l  
RT: 5.48 min Scan# 754  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.8  | 51.6  | 77.4  |
| 61      | 44.3  | 36.1  | 54.1  |





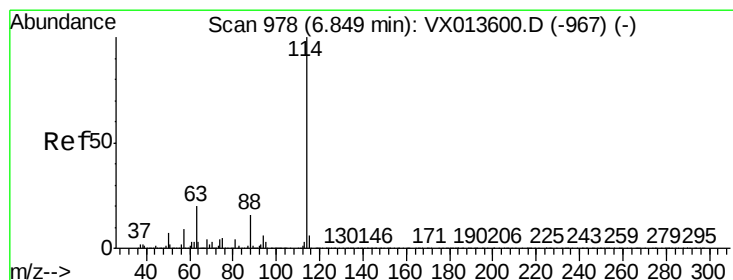
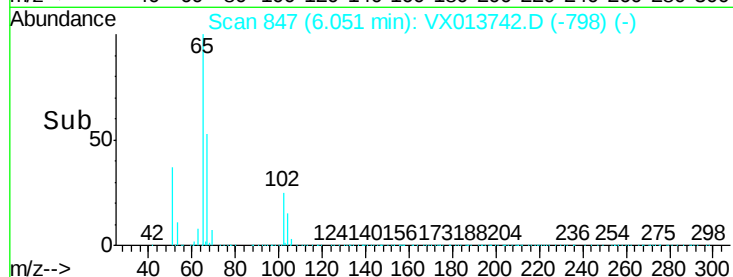
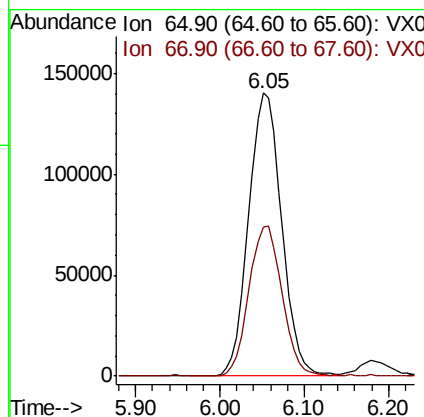
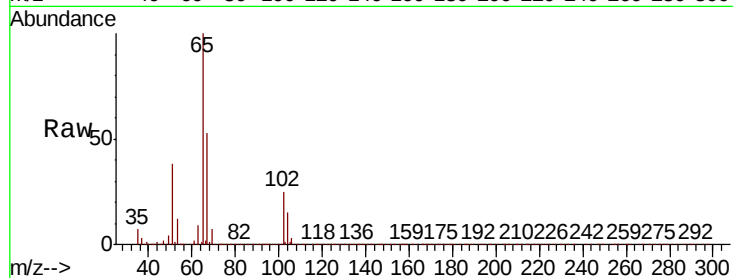
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.102 ug/l  
 RT: 6.05 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: VX013742.D  
 Acq: 03 Dec 2019 22:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 53.3  | 0.0   | 104.4 |

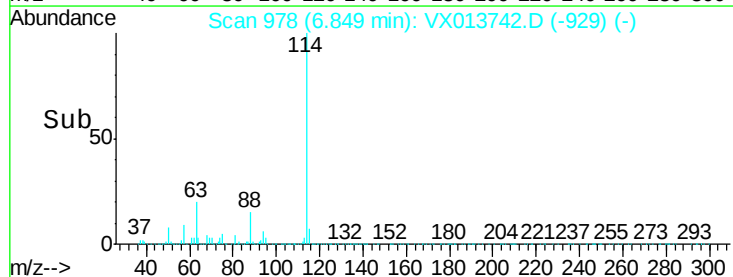
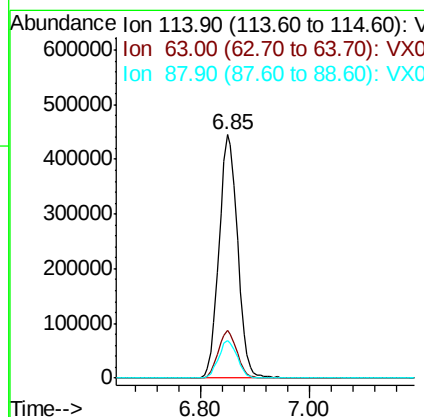
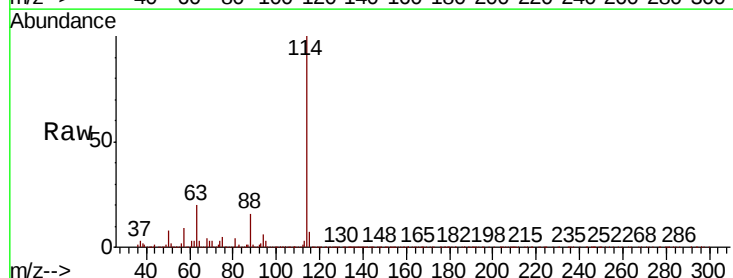
Manual Integrations  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. -0.00 min  
 Lab File: VX013742.D  
 Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 19.6  | 0.0   | 39.6  |
| 88      | 15.5  | 0.0   | 31.4  |





#35

Dibromofluoromethane

Concen: 47.830 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

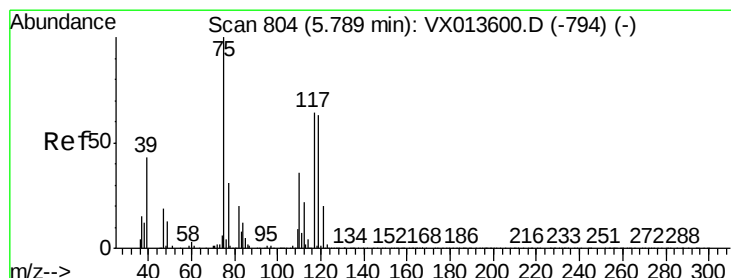
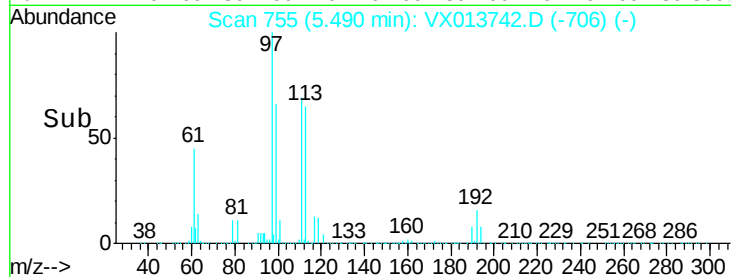
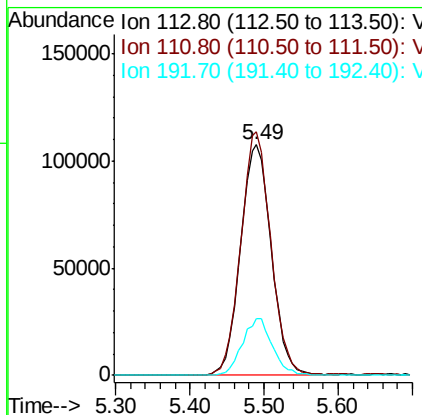
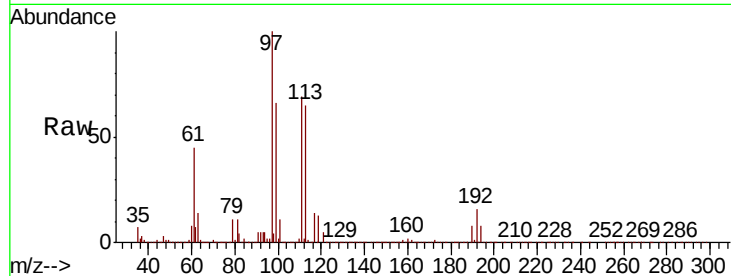
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 312100 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.2 | 83.6  | 125.4  |
| 192       | 24.2  | 19.2  | 28.8   |

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#36

1,1-Dichloropropene

Concen: 47.073 ug/l

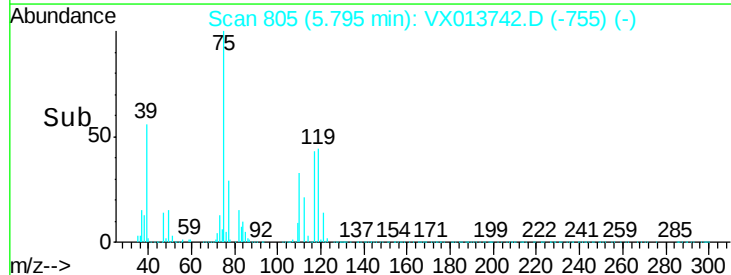
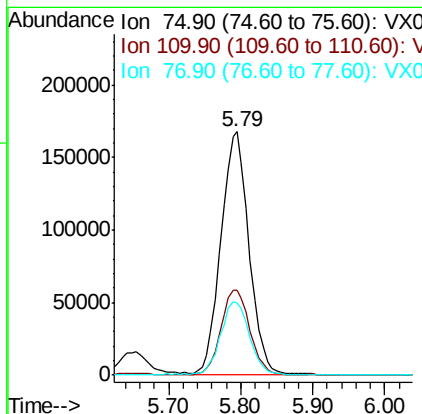
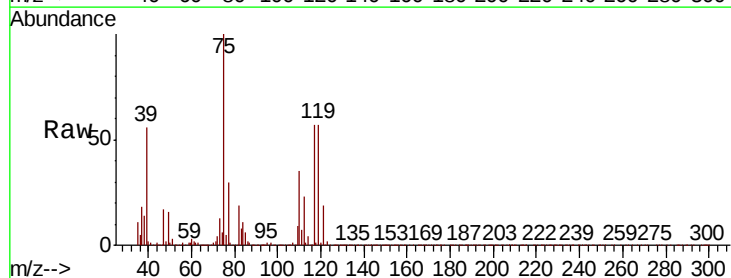
RT: 5.79 min Scan# 805

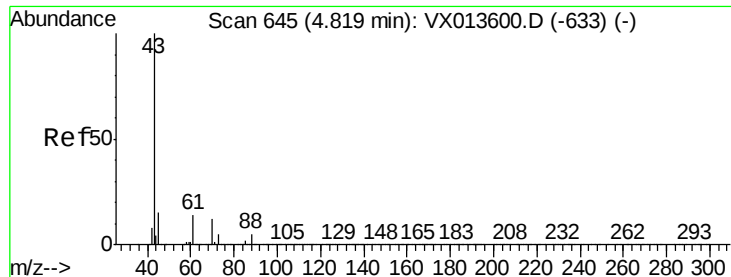
Delta R.T. 0.01 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 451019 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.2  | 18.1  | 54.1   |
| 77        | 30.8  | 24.5  | 36.7   |





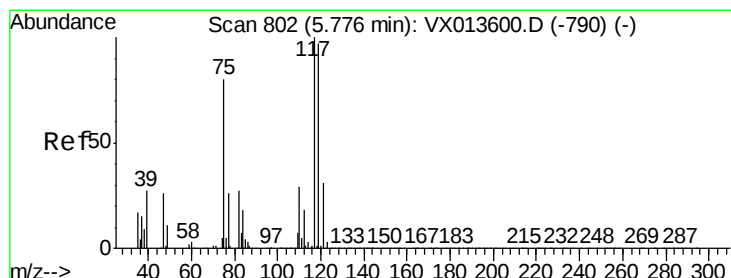
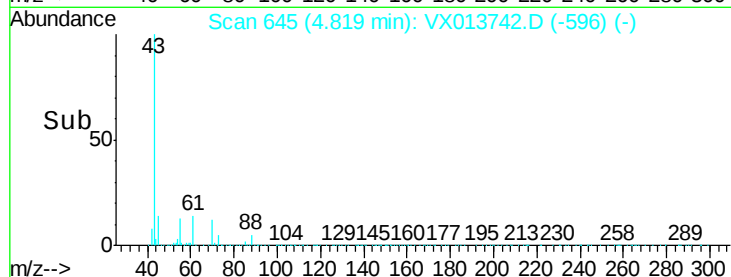
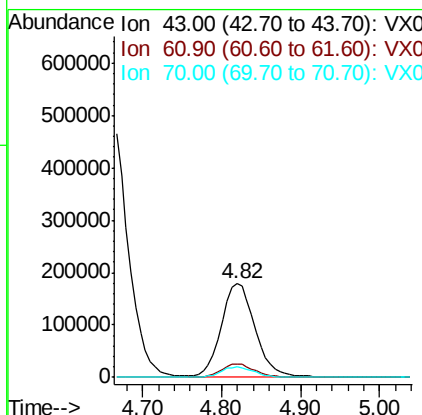
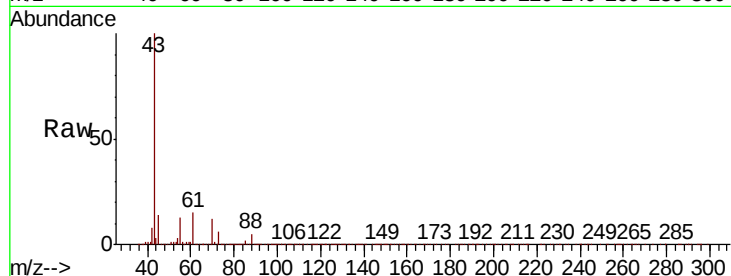
#37  
Ethyl Acetate  
Concen: 49.268 ug/l  
RT: 4.82 min Scan# 645  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 43    | Resp  | 529566 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 14.0  | 11.0  | 16.4   |
| 70        | 10.8  | 8.6   | 12.8   |

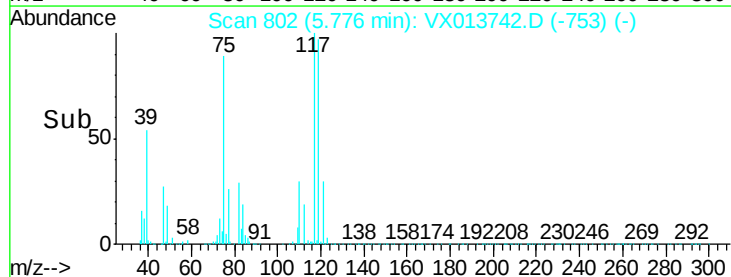
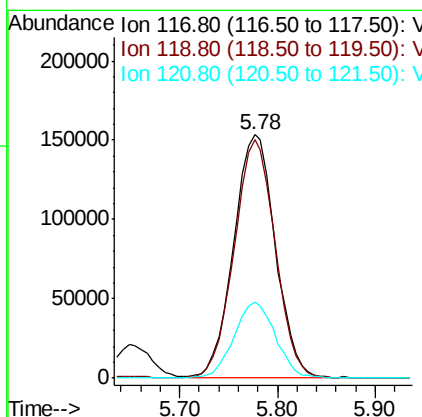
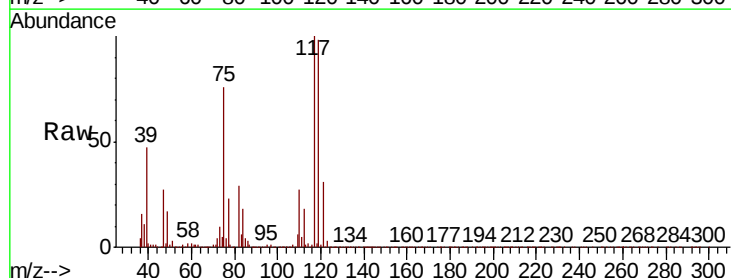
Manual Integrations  
APPROVED

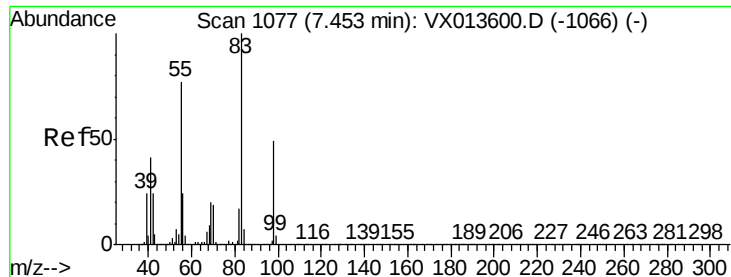
apatel  
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#38  
Carbon Tetrachloride  
Concen: 51.122 ug/l  
RT: 5.78 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion   | 117   | Resp  | 451652 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 97.7  | 77.5  | 116.3  |
| 121       | 31.0  | 25.0  | 37.6   |





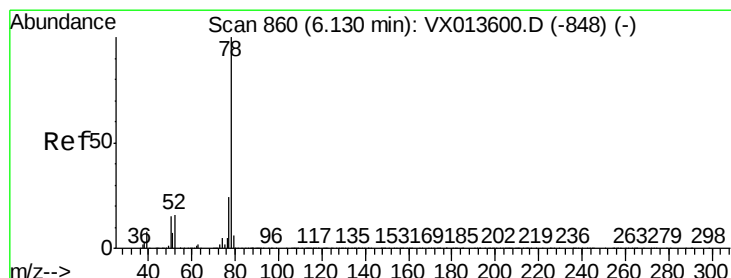
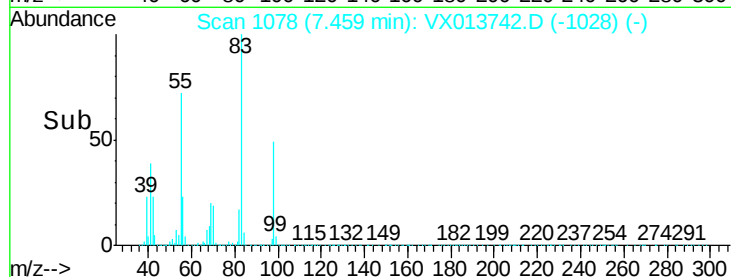
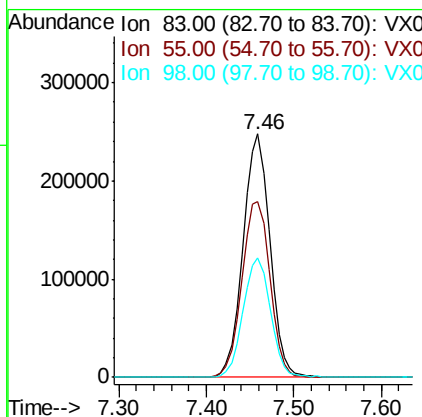
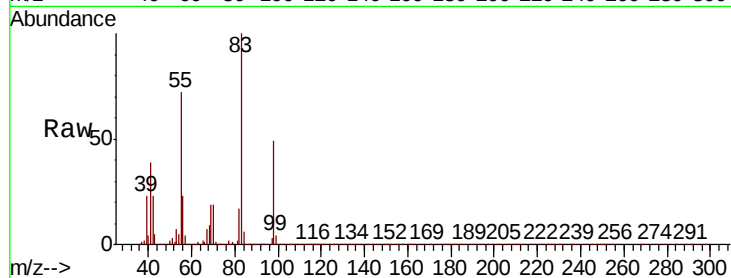
#39  
Methvlcvclohexane  
Concen: 44.504 ug/l  
RT: 7.46 min Scan# 1078  
Delta R.T. 0.01 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.1  | 61.9  | 92.9  |
| 98      | 49.1  | 39.4  | 59.0  |

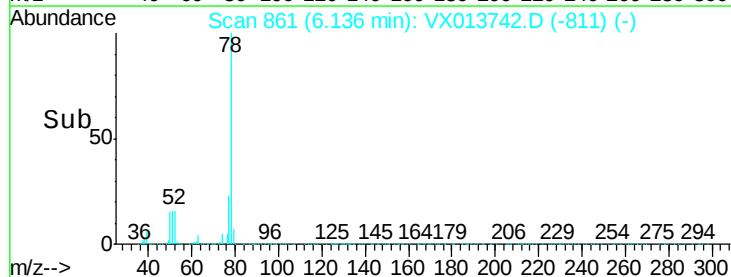
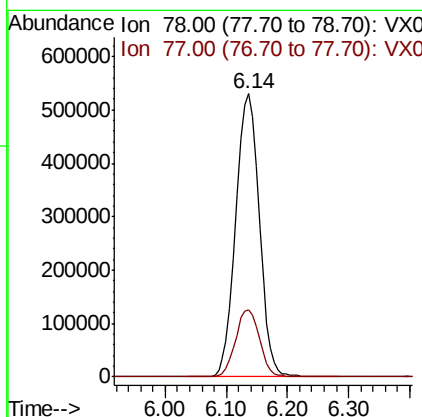
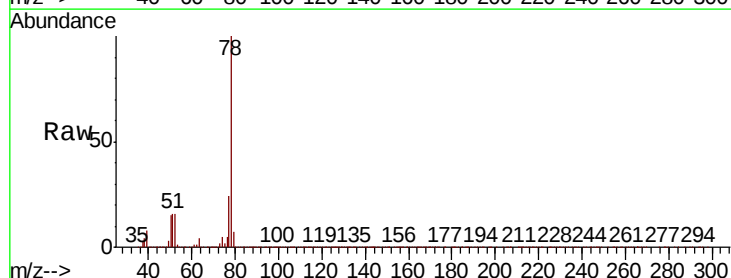
Manual Integrations  
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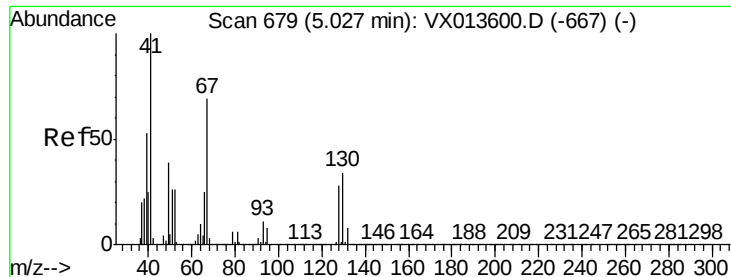
apatel  
12/4/2019 1:52:46 PM



#40  
Benzene  
Concen: 48.197 ug/l  
RT: 6.14 min Scan# 861  
Delta R.T. 0.01 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.5  | 19.0  | 28.4  |





#41

Methacrylonitrile

Concen: 49.849 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

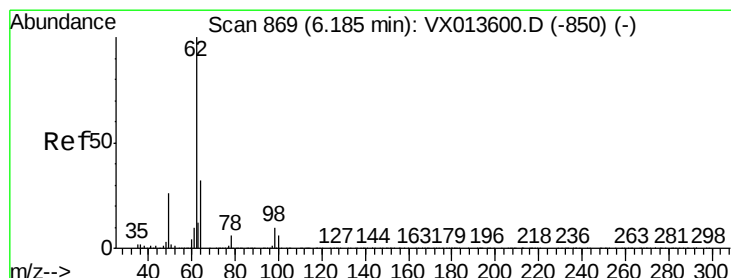
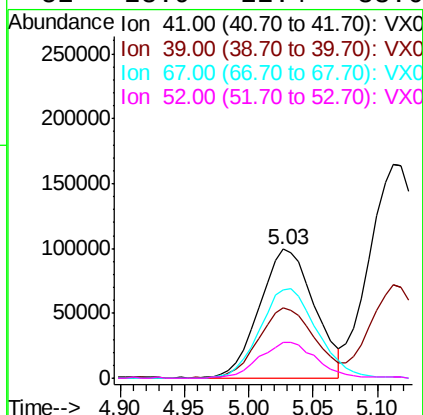
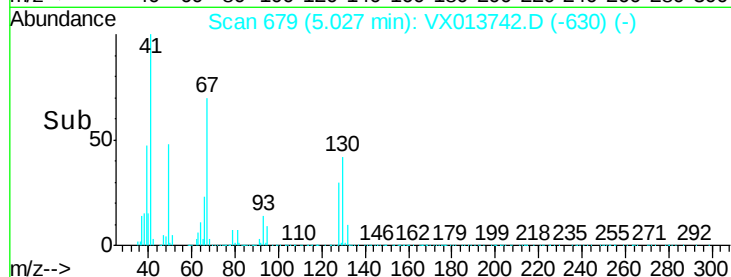
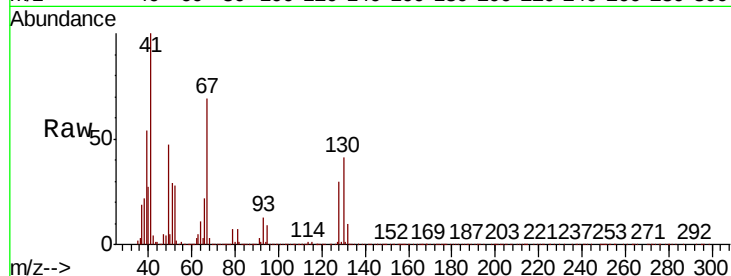
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 293849  | 41  | 100   |       |       |
|         | 39  | 54.8  | 42.9  | 64.3  |
|         | 67  | 71.9  | 57.4  | 86.0  |
|         | 52  | 28.9  | 22.4  | 33.6  |

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#42

1,2-Dichloroethane

Concen: 49.301 ug/l

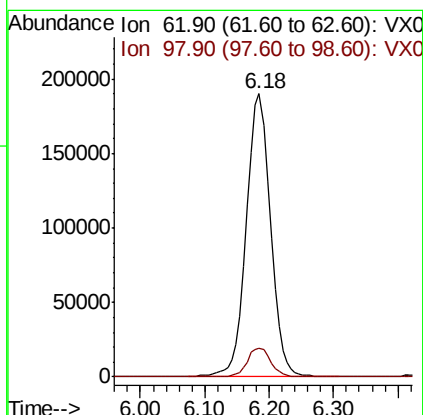
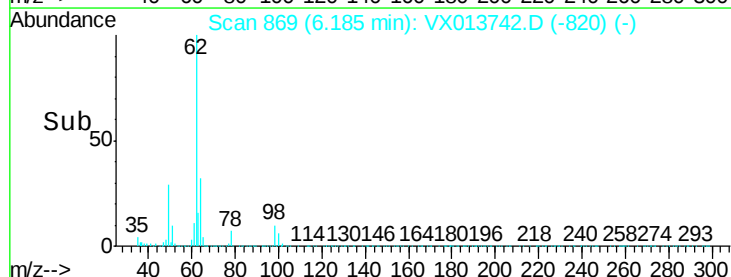
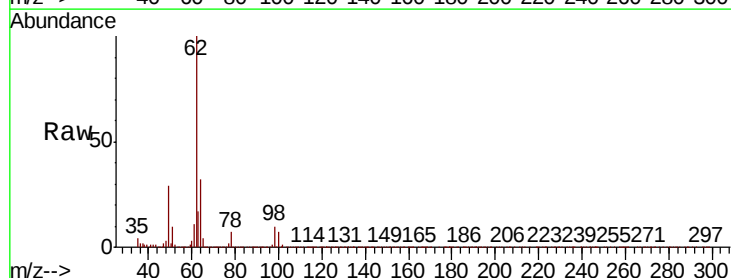
RT: 6.18 min Scan# 869

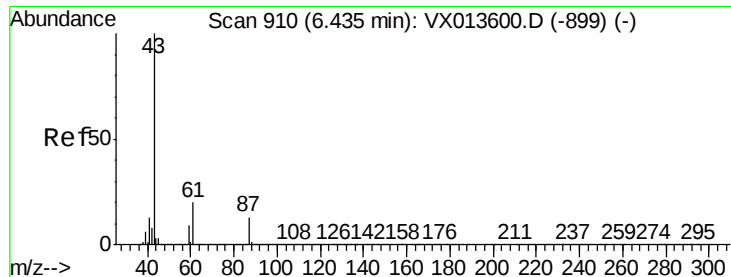
Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 490641  | 62  | 100   |       |       |
|         | 98  | 10.1  | 0.0   | 20.8  |





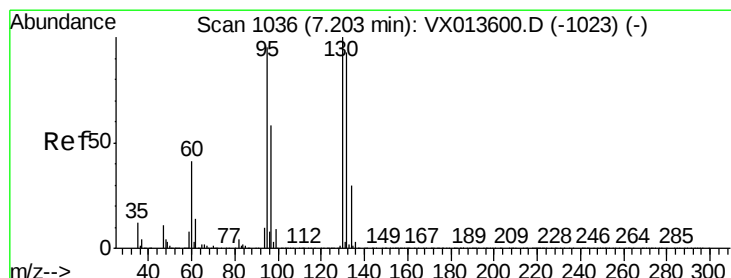
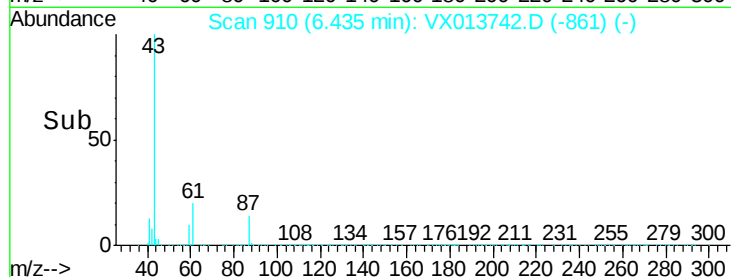
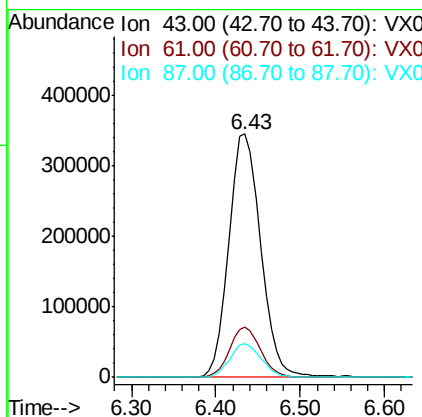
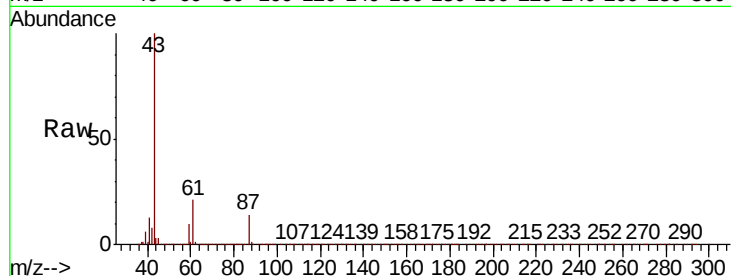
#43  
Isopropyl Acetate  
Concen: 49.982 ug/l  
RT: 6.43 min Scan# 910  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 884469 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.2  | 16.3  | 24.5   |
| 87       | 13.5  | 10.8  | 16.2   |

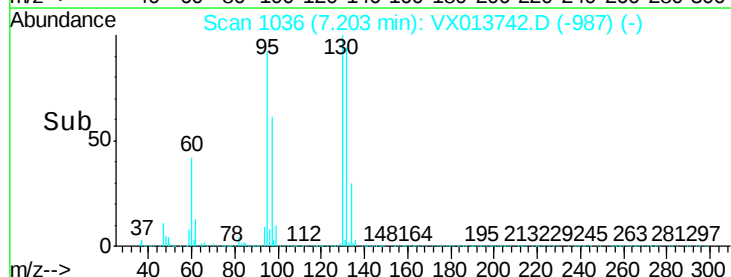
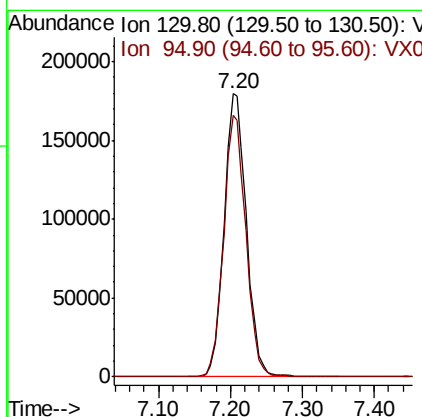
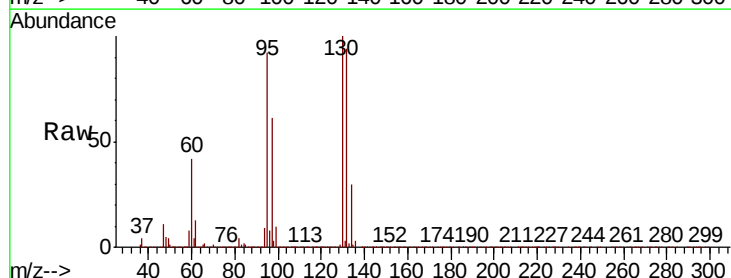
Manual Integrations  
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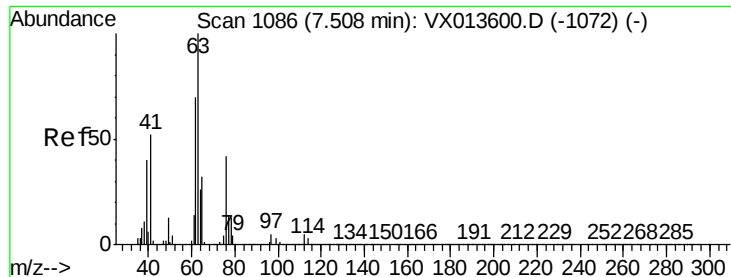
apatel  
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#44  
Trichloroethene  
Concen: 48.094 ug/l  
RT: 7.20 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 385173 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 92.1  | 0.0   | 190.8  |





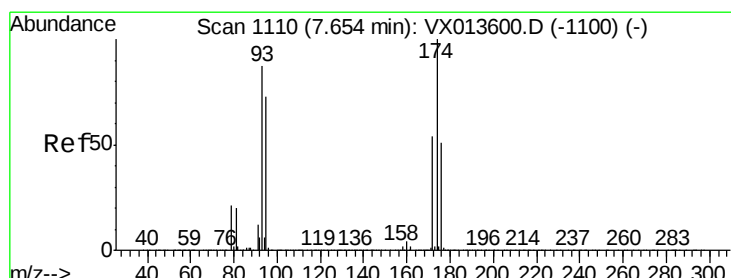
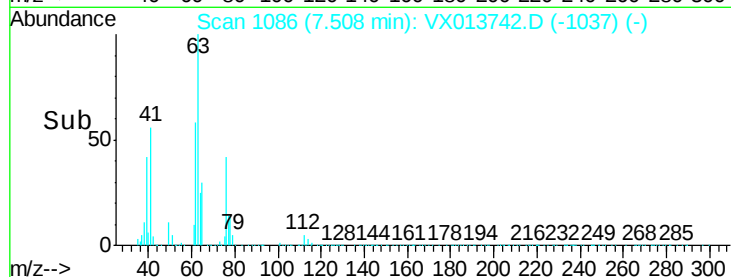
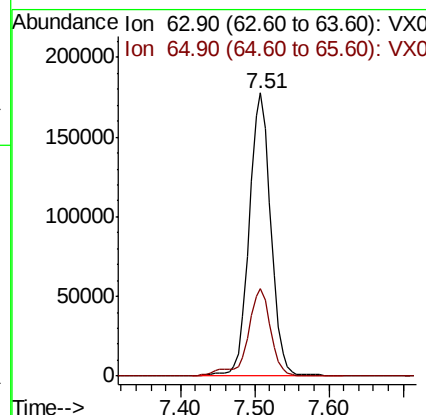
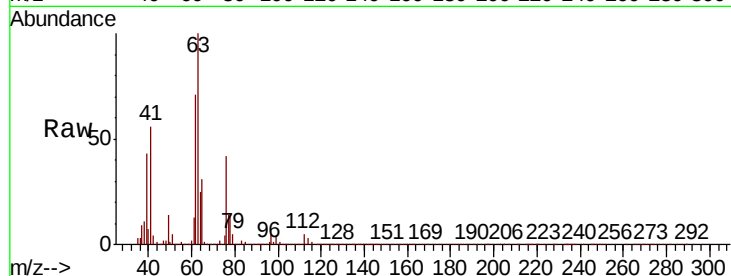
#45  
 1,2-Dichloropropane  
 Concen: 49.541 ug/l  
 RT: 7.51 min Scan# 1086  
 Delta R.T. -0.00 min  
 Lab File: VX013742.D  
 Acq: 03 Dec 2019 22:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.0  | 25.5  | 38.3  |

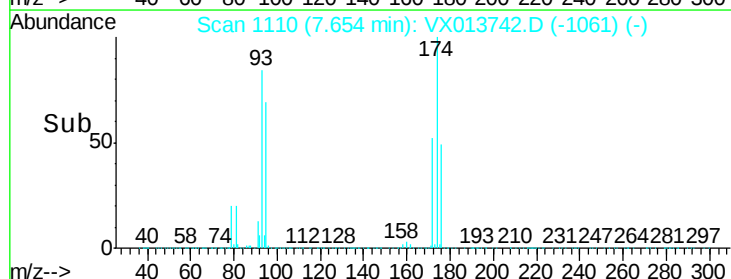
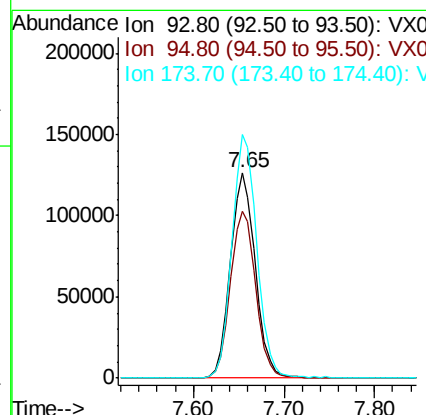
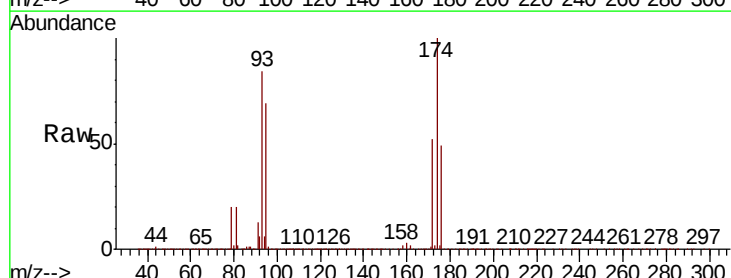
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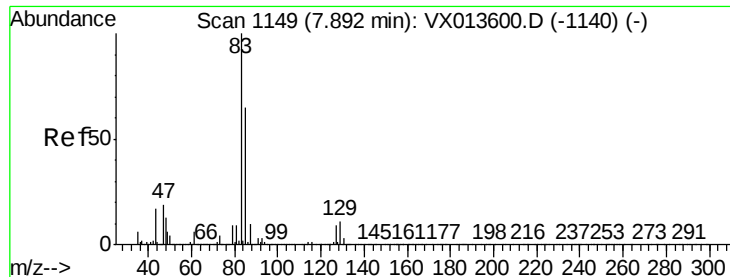
apatel  
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#46  
 Dibromomethane  
 Concen: 48.414 ug/l  
 RT: 7.65 min Scan# 1110  
 Delta R.T. -0.00 min  
 Lab File: VX013742.D  
 Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.4  | 66.2  | 99.2  |
| 174     | 118.9 | 93.4  | 140.0 |





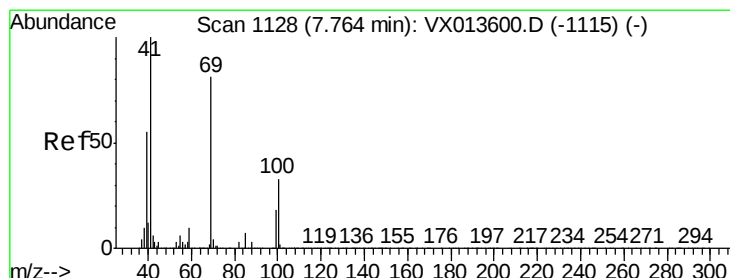
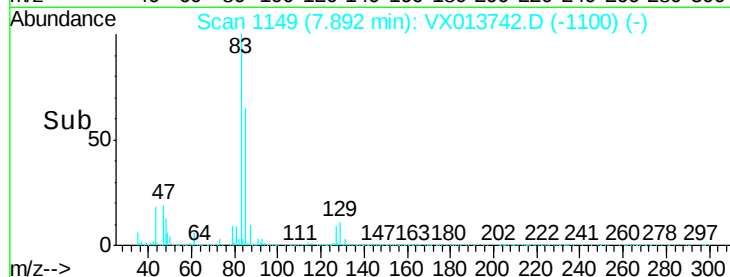
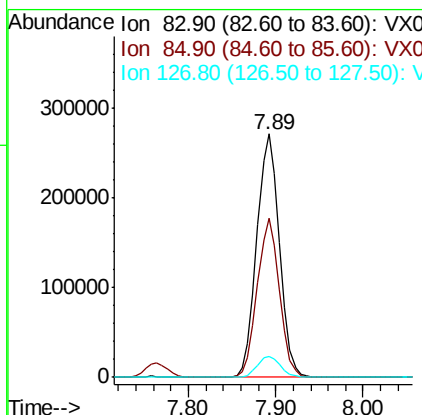
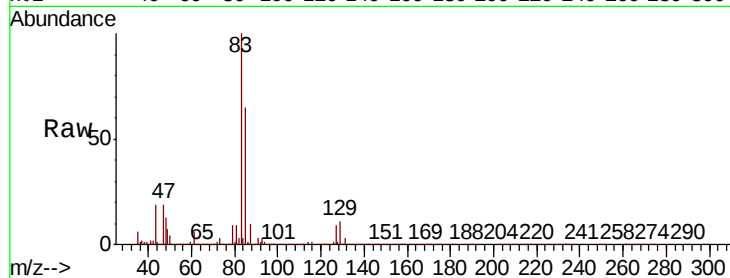
#47  
Bromodichloromethane  
Concen: 51.916 ug/l  
RT: 7.89 min Scan# 1149  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 486675 |       |       |
| 85      | 64.9  | 52.1   | 78.1  |       |
| 127     | 8.6   | 7.0    | 10.4  |       |

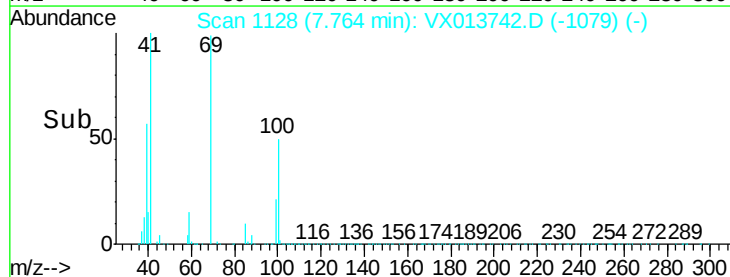
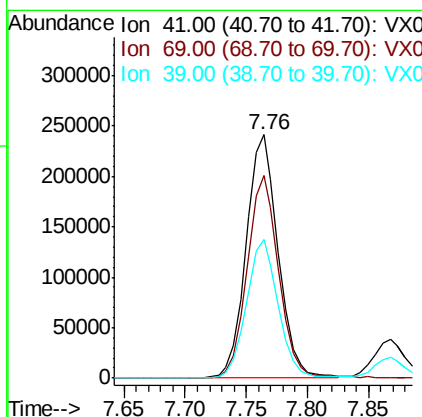
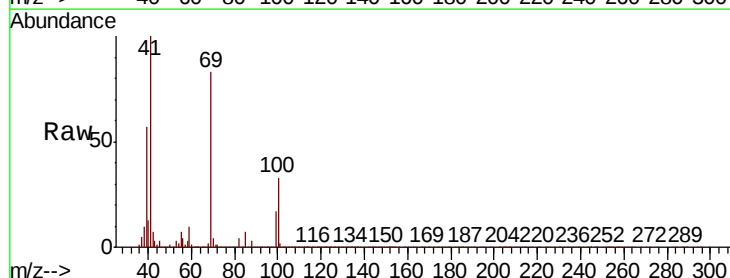
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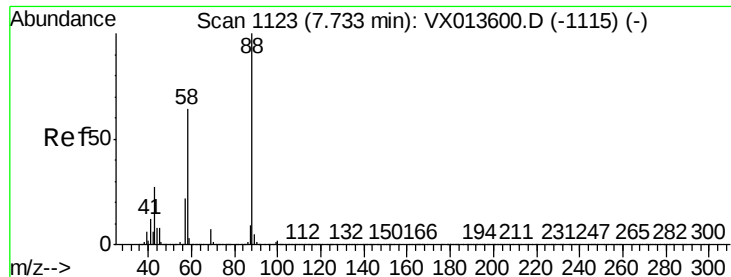
apatel  
12/4/2019 1:52:46 PM



#48  
Methyl methacrylate  
Concen: 50.827 ug/l  
RT: 7.76 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 41      | 100   | 437002 |       |       |
| 69      | 82.1  | 64.7   | 97.1  |       |
| 39      | 55.7  | 43.8   | 65.6  |       |





#49

1,4-Dioxane

Concen: 845.588 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

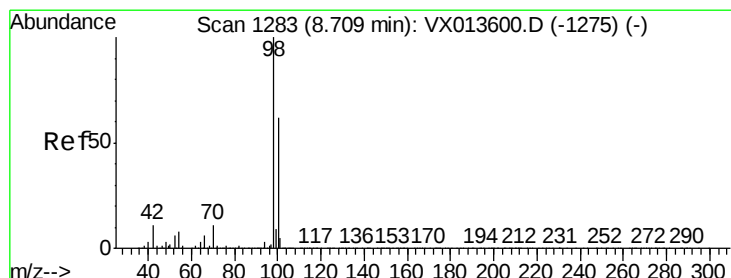
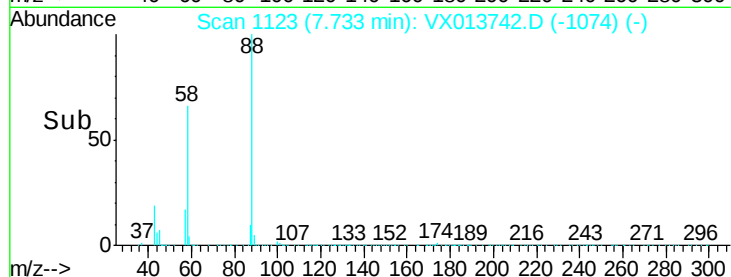
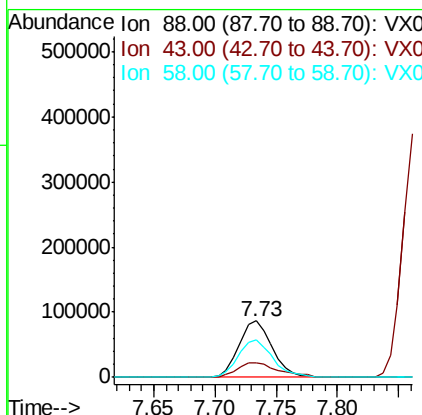
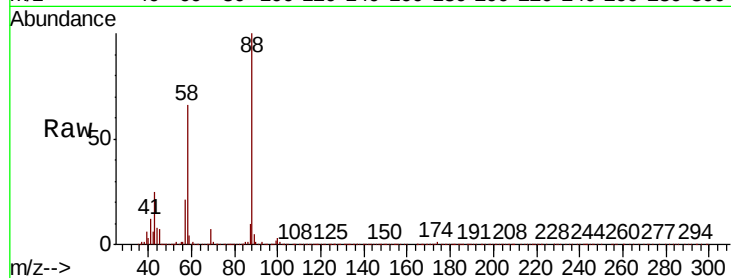
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 88    | Resp: | 162737 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 43        | 32.4  | 25.8  | 38.6   |
| 58        | 70.4  | 54.6  | 82.0   |

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#50

Toluene-d8

Concen: 46.632 ug/l

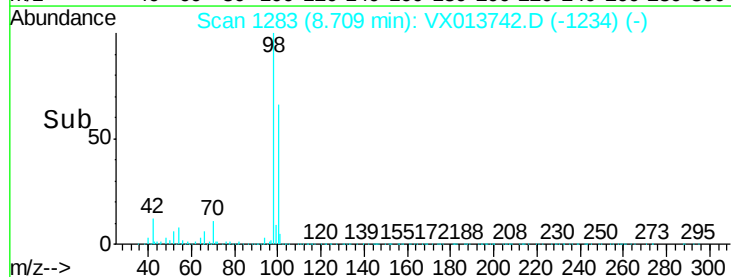
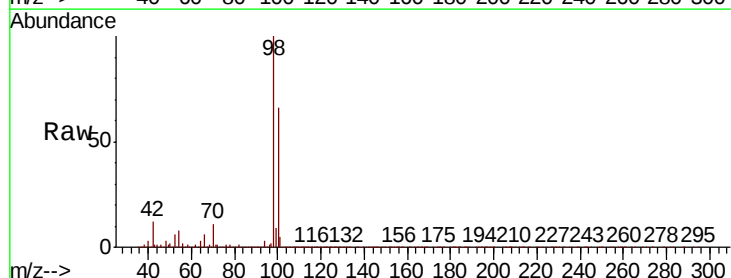
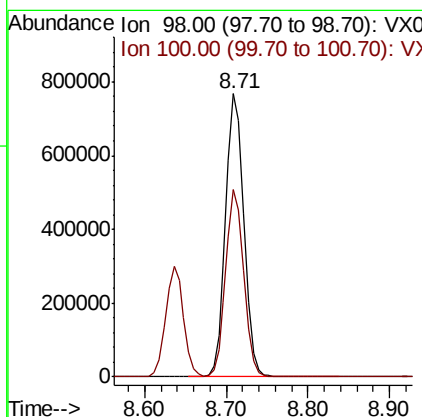
RT: 8.71 min Scan# 1283

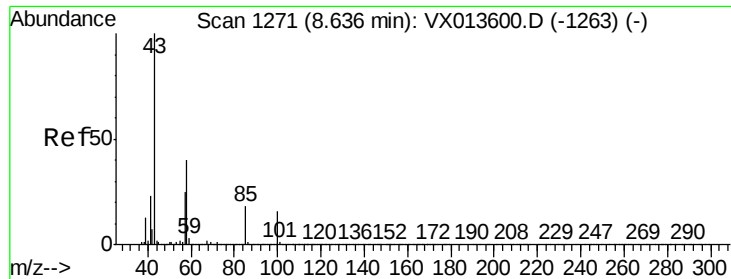
Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 98    | Resp: | 1185510 |
| Ion Ratio | Lower | Upper |         |
| 98        | 100   |       |         |
| 100       | 65.4  | 53.1  | 79.7    |





#51

4-Methyl-2-Pentanone

Concen: 244.000 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2715968

Ion Ratio Lower Upper

43 100

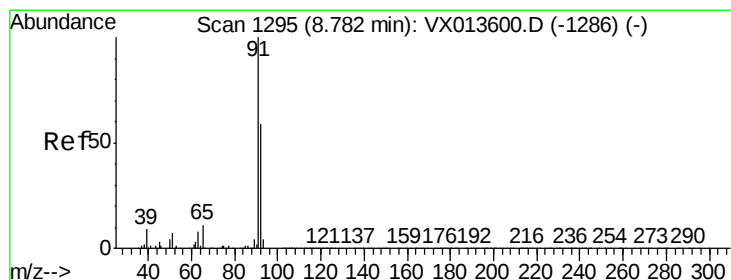
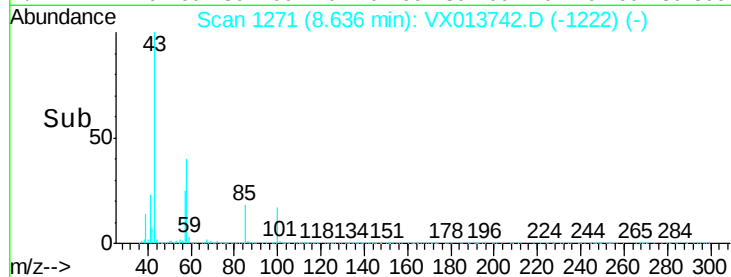
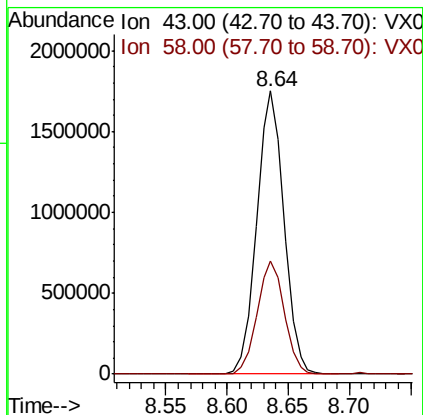
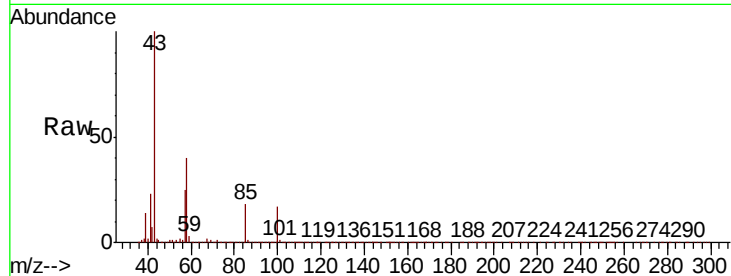
58 40.0 32.1 48.1

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#52

Toluene

Concen: 49.581 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013742.D

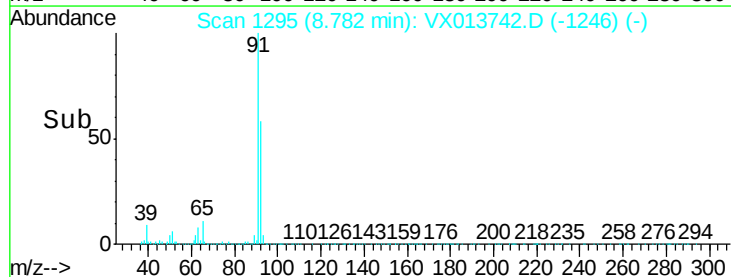
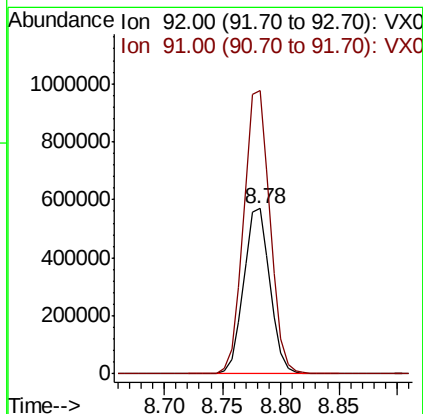
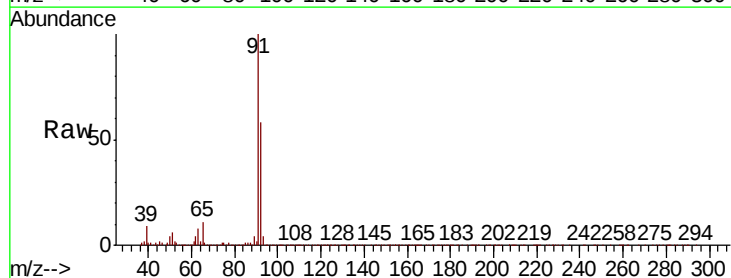
Acq: 03 Dec 2019 22:01

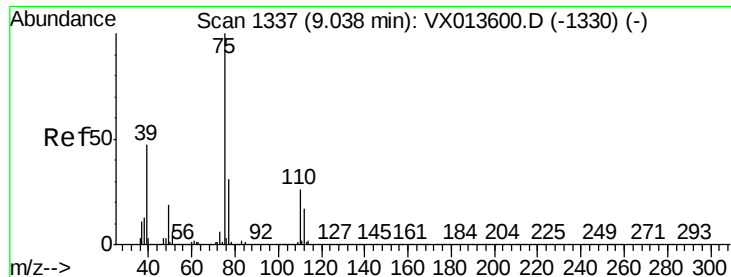
Tgt Ion: 92 Resp: 898826

Ion Ratio Lower Upper

92 100

91 172.1 136.2 204.2





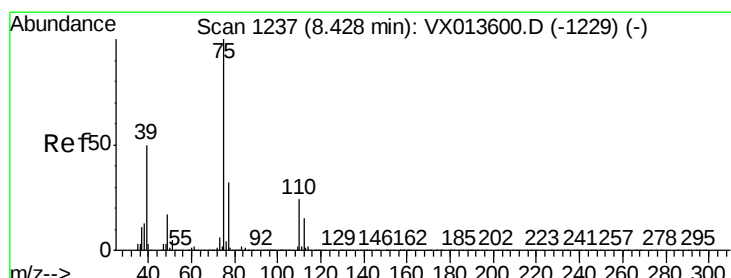
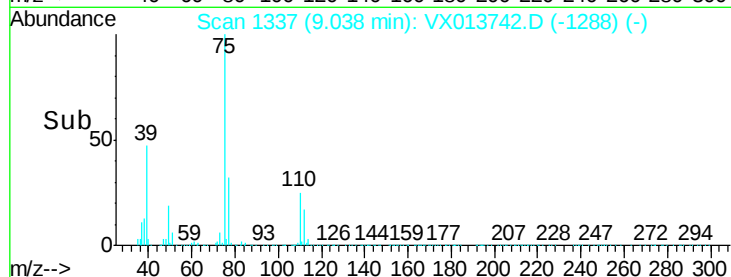
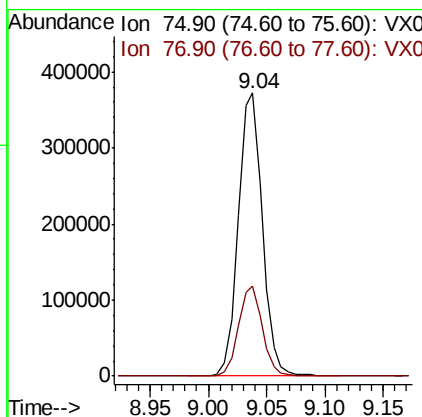
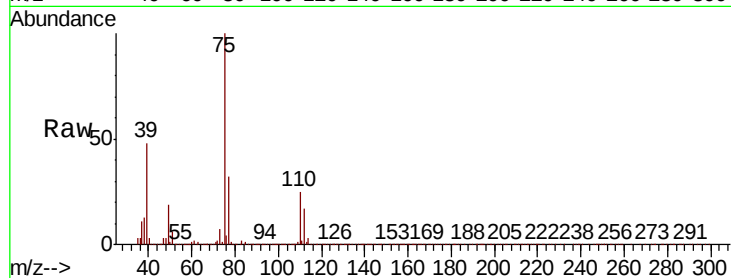
#53  
t-1,3-Dichloropropene  
Concen: 50.207 ug/l  
RT: 9.04 min Scan# 1337  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.9  | 24.4  | 36.6  |

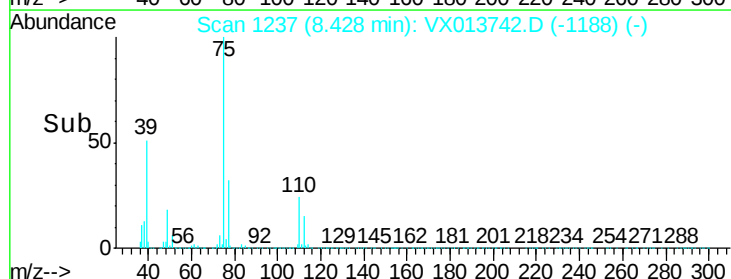
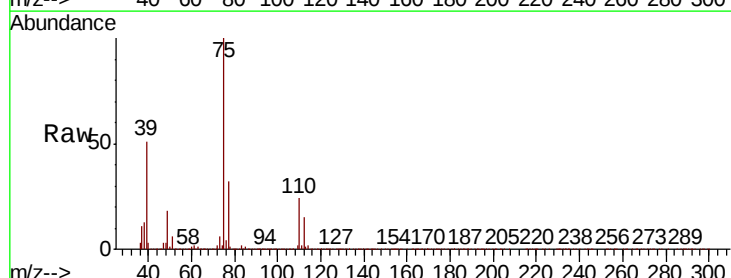
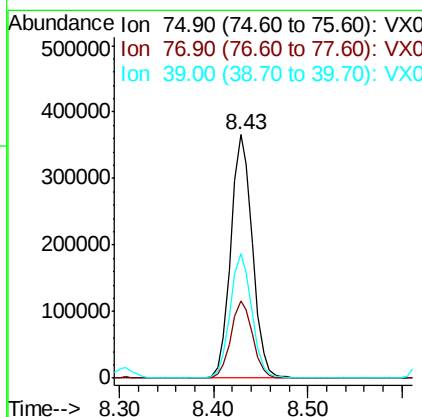
Manual Integrations  
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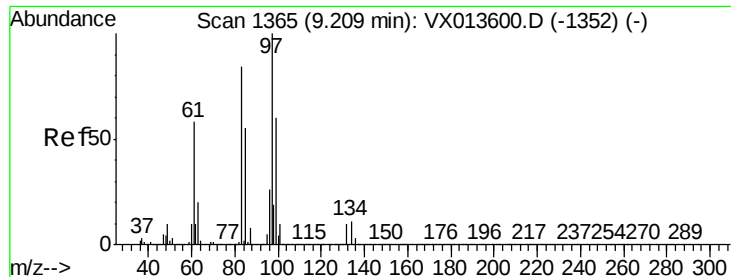
apatel  
12/4/2019 1:52:46 PM



#54  
cis-1,3-Dichloropropene  
Concen: 49.843 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.6  | 25.8  | 38.6  |
| 39      | 51.3  | 39.9  | 59.9  |





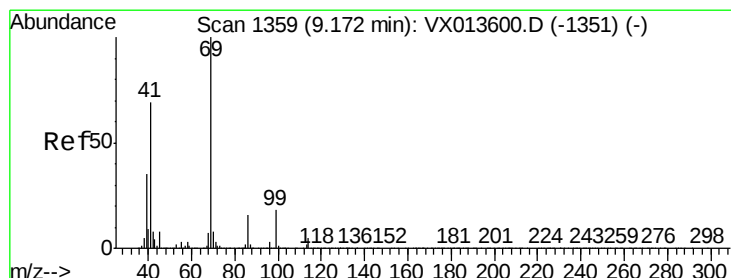
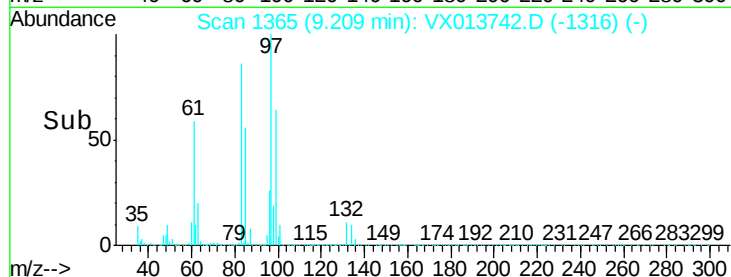
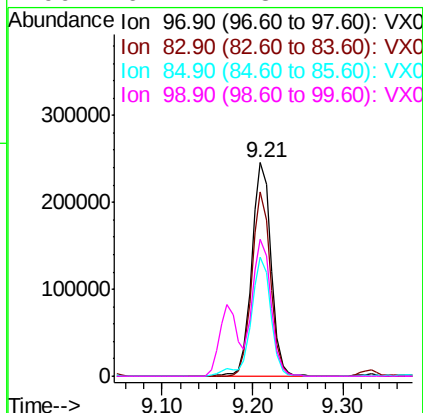
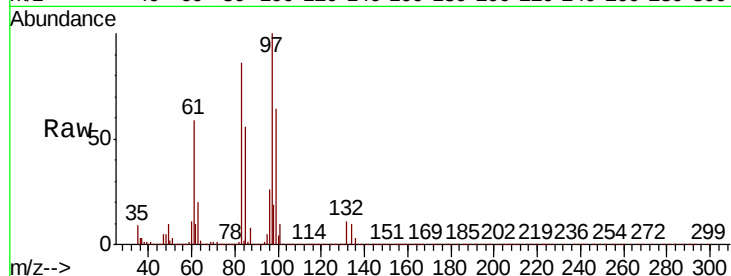
#55  
 1,1,2-Trichloroethane  
 Concen: 49.495 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: VX013742.D  
 Acq: 03 Dec 2019 22:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 361582 |       |       |
| 83      | 86.2 | 67.3  | 100.9  |       |       |
| 85      | 55.6 | 43.6  | 65.4   |       |       |
| 99      | 64.2 | 48.2  | 72.4   |       |       |

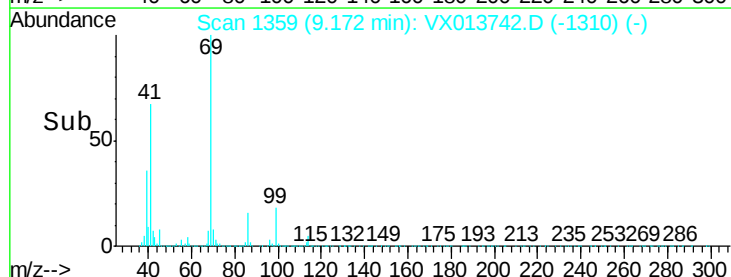
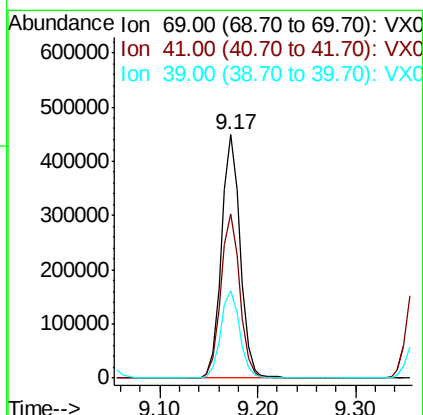
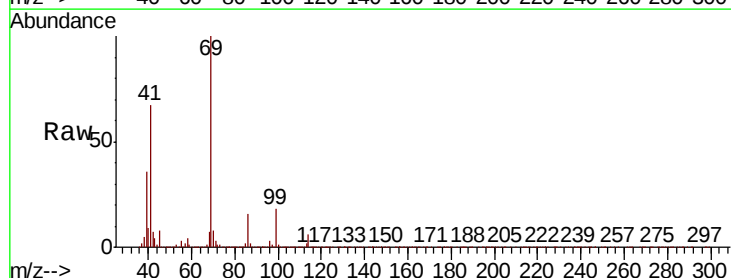
Manual Integrations  
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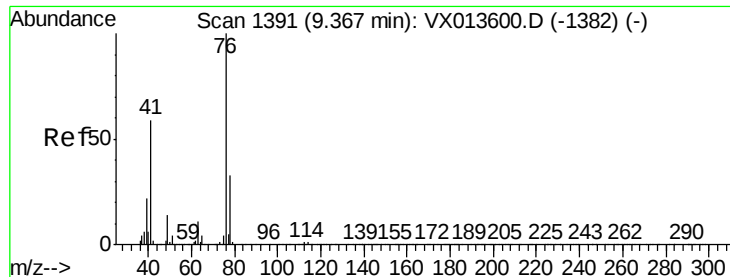
apatel  
 12/4/2019 1:52:46 PM



#56  
 Ethyl methacrylate  
 Concen: 50.804 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. -0.00 min  
 Lab File: VX013742.D  
 Acq: 03 Dec 2019 22:01

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 596704 |       |       |
| 41      | 67.9 | 55.0  | 82.4   |       |       |
| 39      | 36.6 | 28.7  | 43.1   |       |       |





#57

1,3-Dichloropropane

Concen: 48.038 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 604908

Ion Ratio Lower Upper

76 100

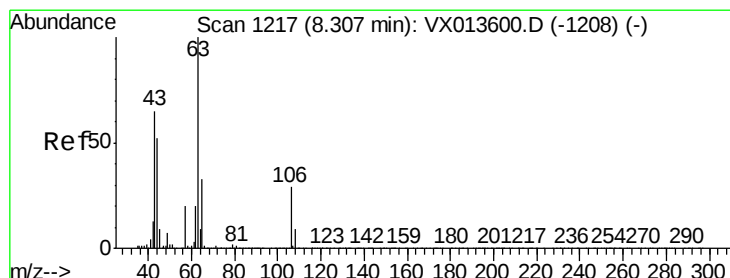
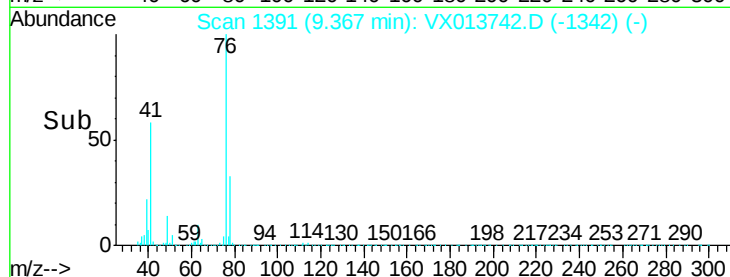
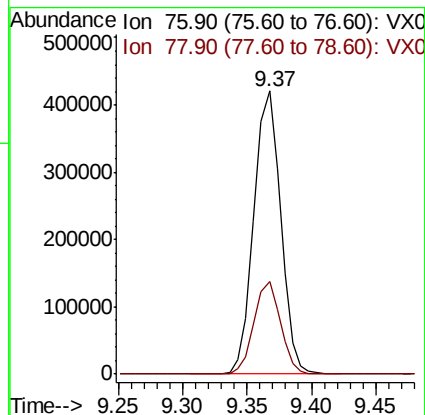
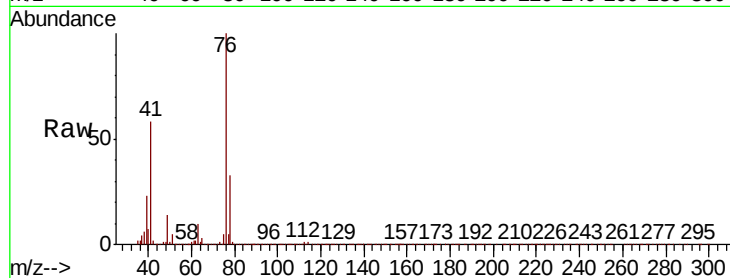
78 32.6 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 240.837 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013742.D

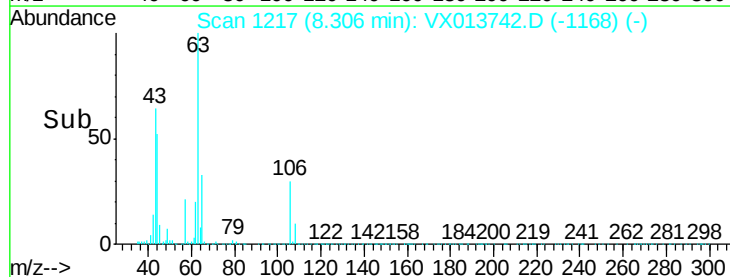
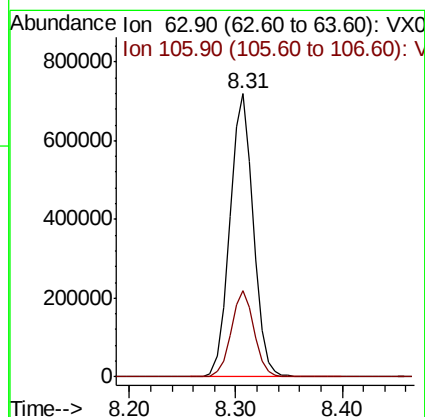
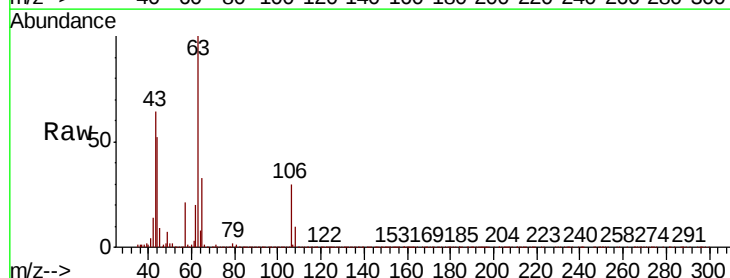
Acq: 03 Dec 2019 22:01

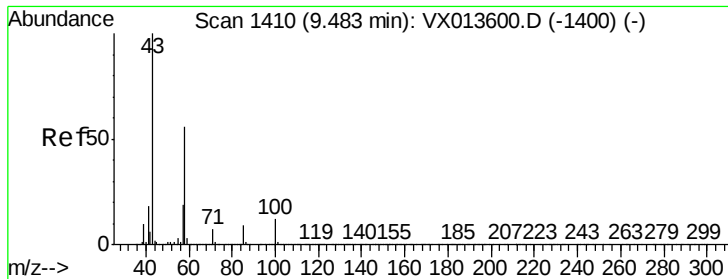
Tgt Ion: 63 Resp: 1109062

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.0





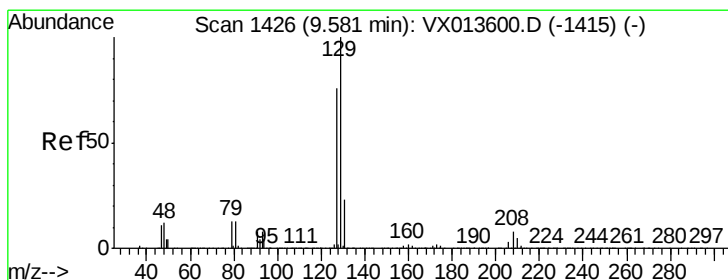
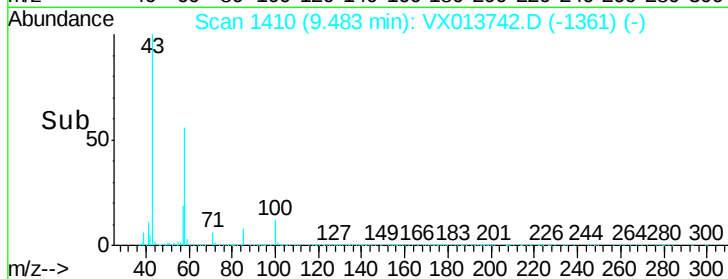
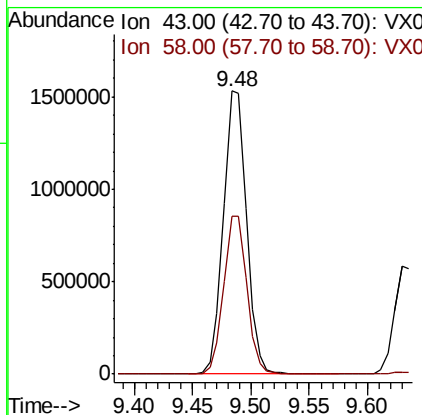
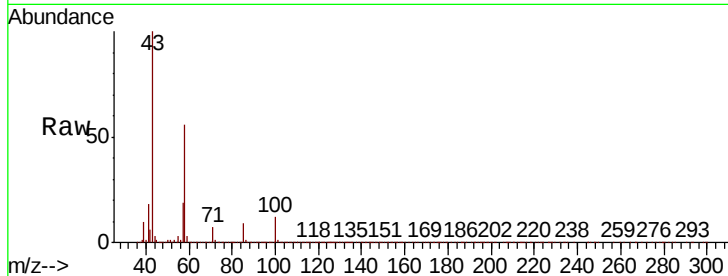
#59  
2-Hexanone  
Concen: 243.782 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 2116353  
Ion Ratio Lower Upper  
43 100  
58 56.2 28.1 84.4

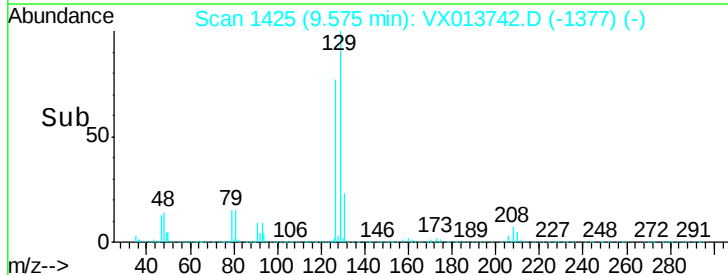
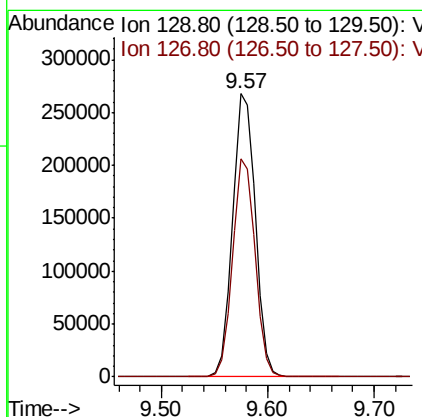
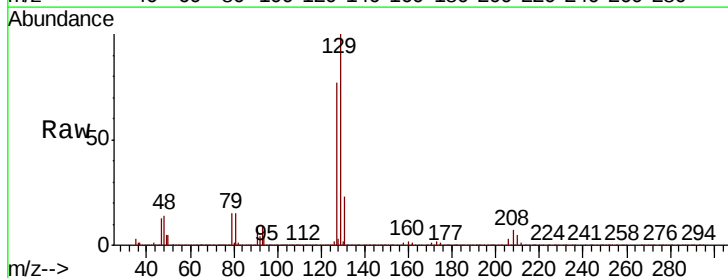
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#60  
Dibromochloromethane  
Concen: 53.189 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Tgt Ion: 129 Resp: 403258  
Ion Ratio Lower Upper  
129 100  
127 76.0 38.5 115.5





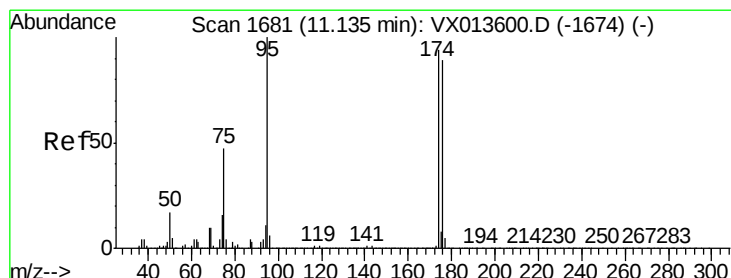
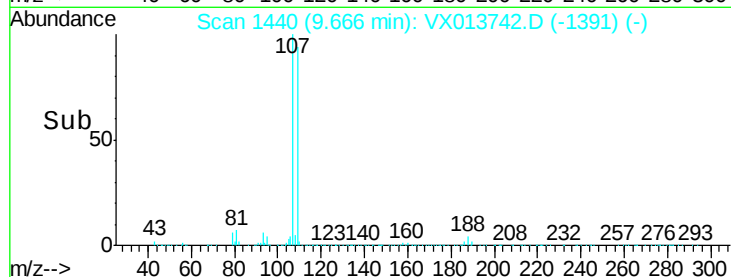
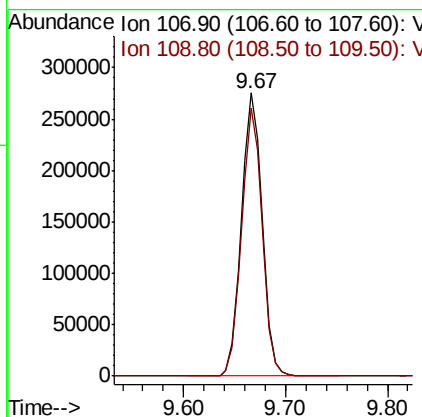
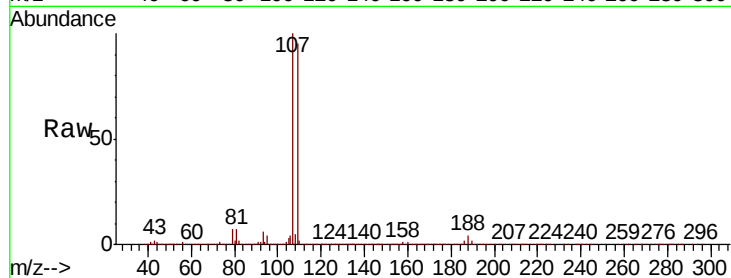
#61  
 1,2-Dibromoethane  
 Concen: 49.239 ug/l  
 RT: 9.67 min Scan# 1440  
 Delta R.T. -0.00 min  
 Lab File: VX013742.D  
 Acq: 03 Dec 2019 22:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.0  | 76.1  | 114.1 |

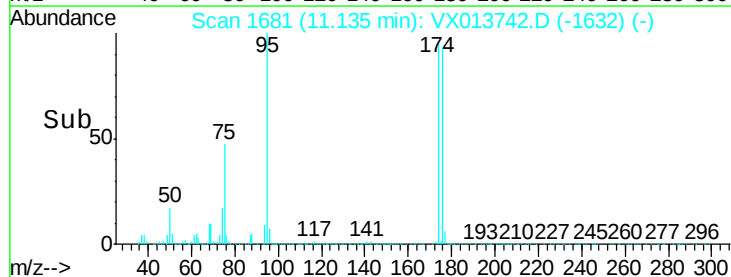
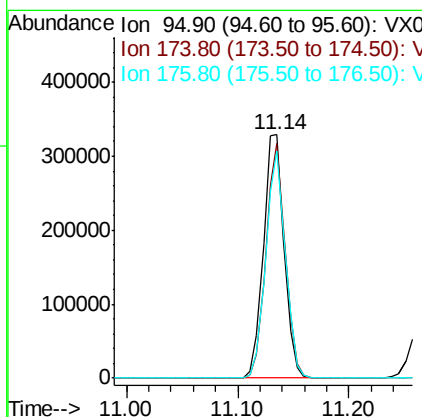
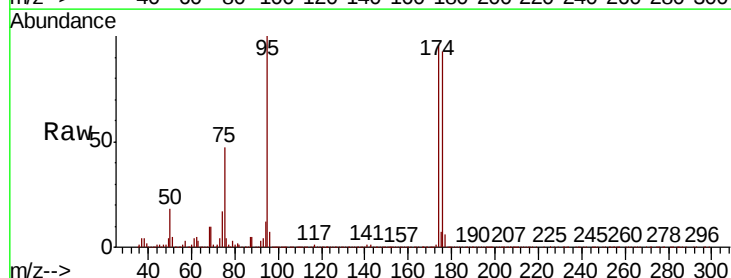
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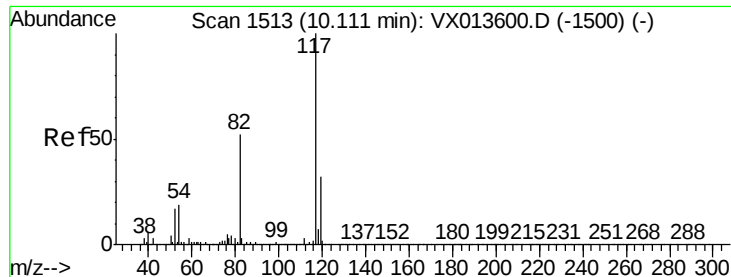
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#62  
 4-Bromofluorobenzene  
 Concen: 47.134 ug/l  
 RT: 11.14 min Scan# 1681  
 Delta R.T. -0.00 min  
 Lab File: VX013742.D  
 Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 89.4  | 0.0   | 180.0 |
| 176     | 87.8  | 0.0   | 173.6 |





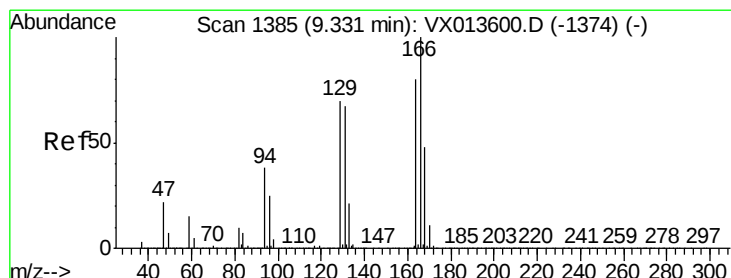
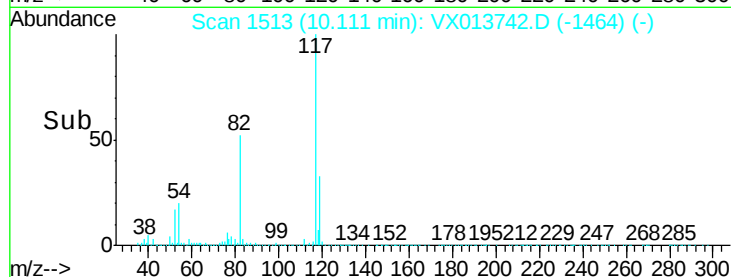
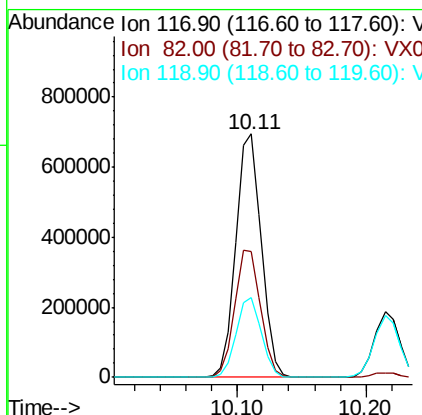
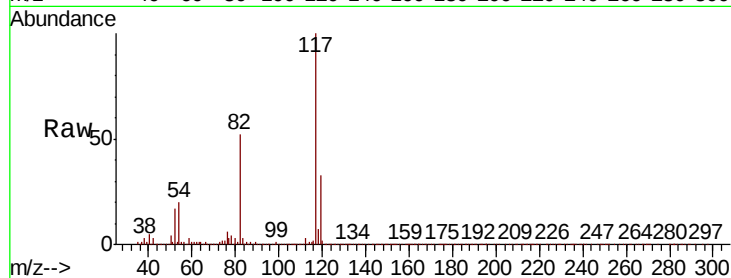
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.8  | 41.8  | 62.8  |
| 119     | 32.8  | 25.8  | 38.8  |

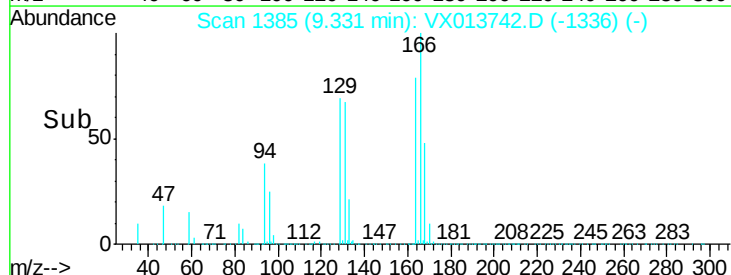
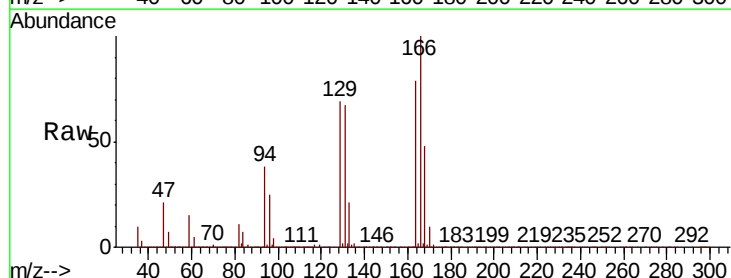
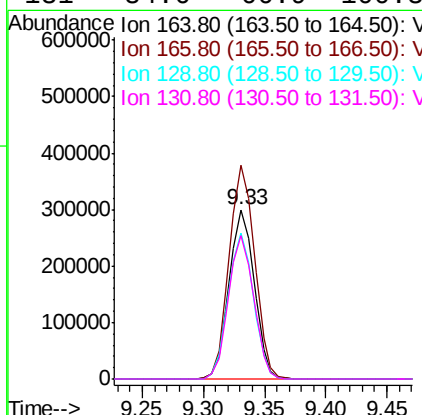
Manual Integrations  
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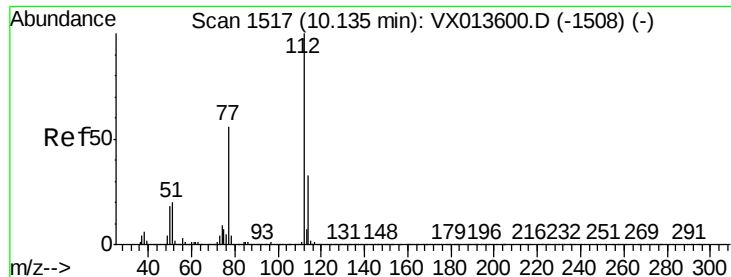
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#64  
Tetrachloroethene  
Concen: 59.978 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.0 | 99.7  | 149.5 |
| 129     | 86.4  | 70.1  | 105.1 |
| 131     | 84.6  | 66.9  | 100.3 |





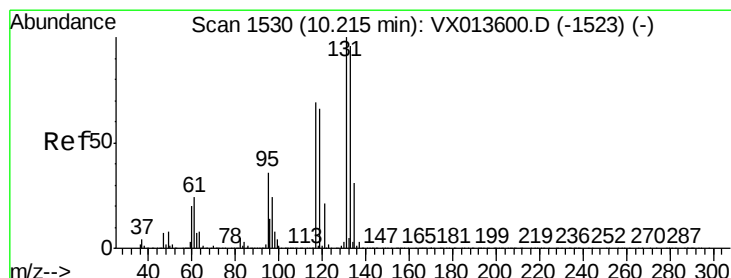
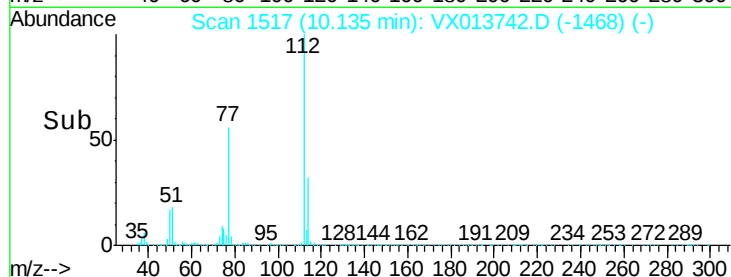
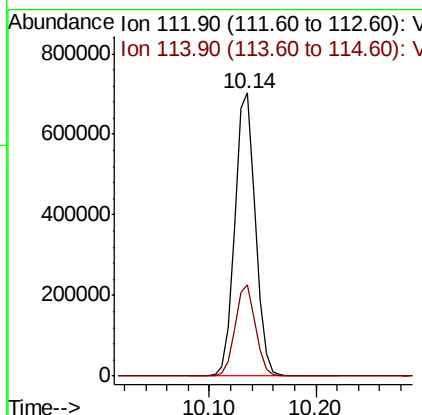
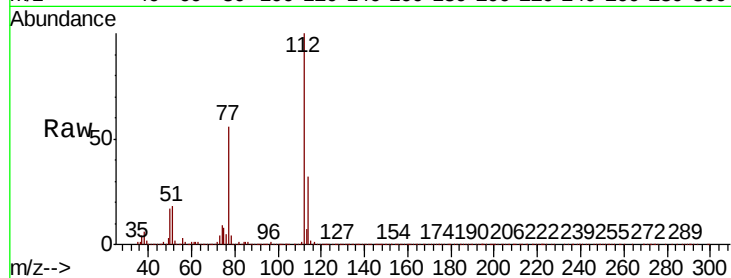
#65  
Chlorobenzene  
Concen: 48.083 ug/l  
RT: 10.14 min Scan# 1517  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.4  | 26.1  | 39.1  |

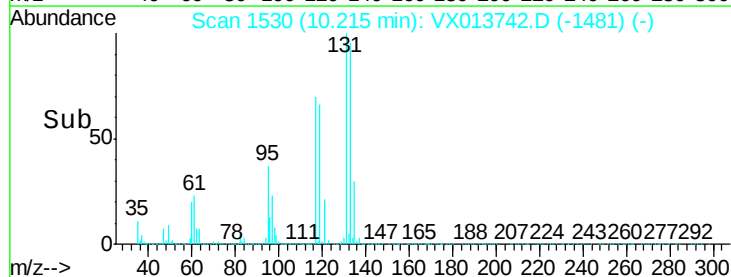
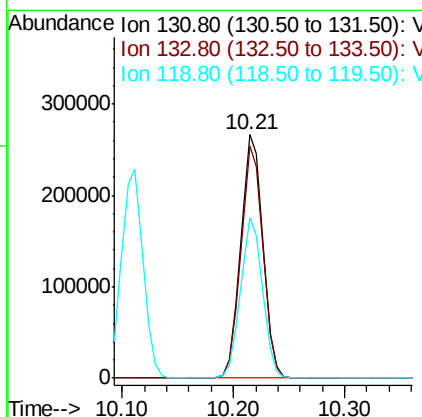
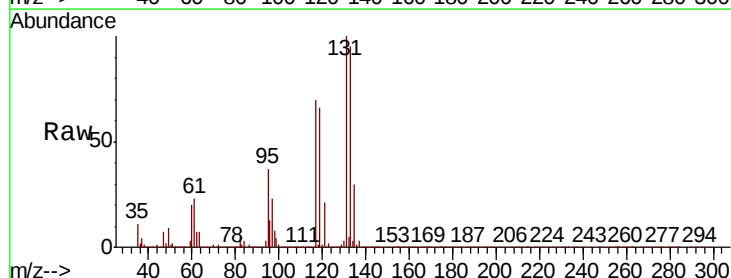
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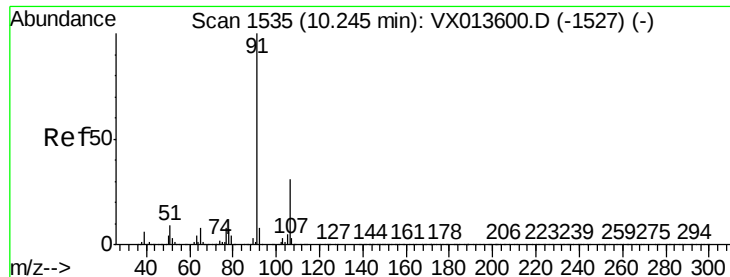
apatel  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.428 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 94.9  | 47.7  | 143.1 |
| 119     | 65.5  | 32.9  | 98.6  |





#67

Ethyl Benzene

Concen: 49.224 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1677879

Ion Ratio Lower Upper

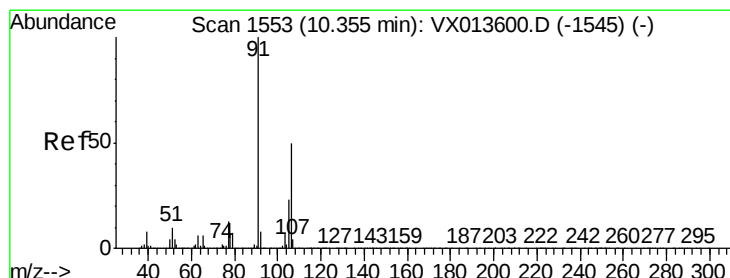
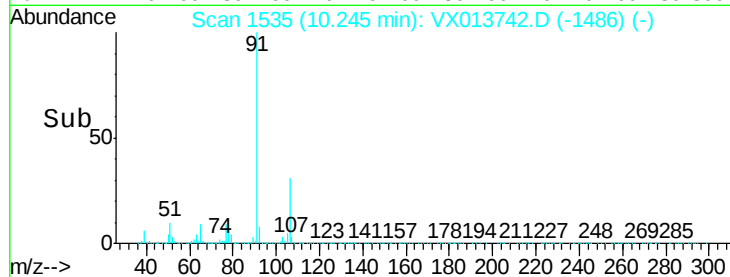
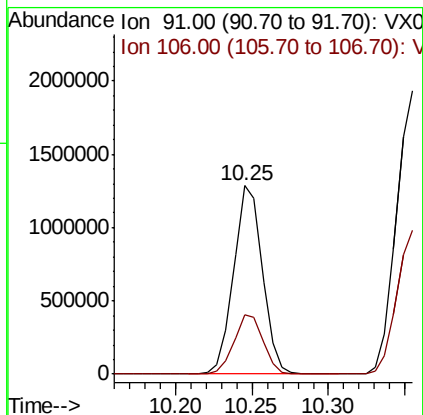
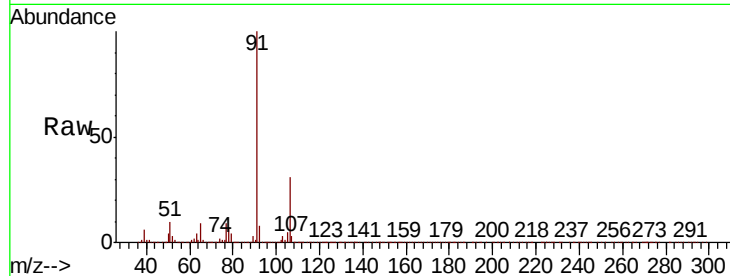
91 100

106 31.2 24.5 36.7

Manual Integrations  
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#68

m/p-Xylenes

Concen: 98.487 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013742.D

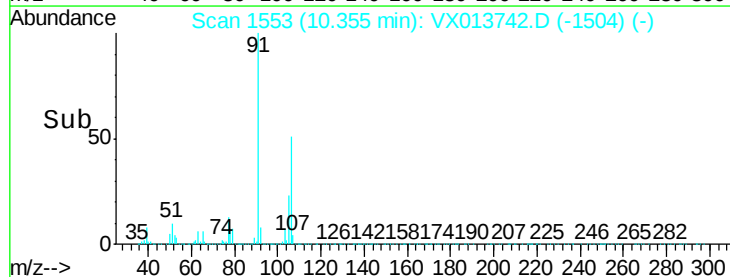
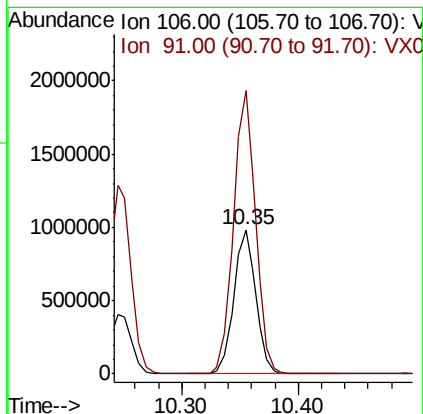
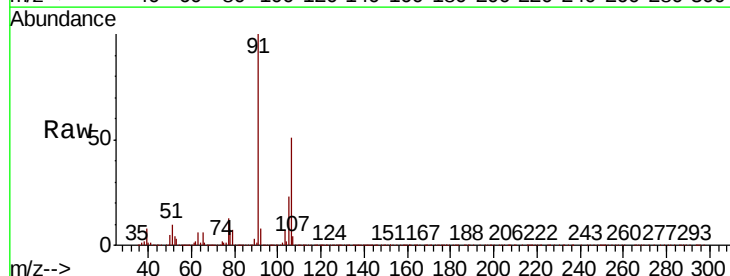
Acq: 03 Dec 2019 22:01

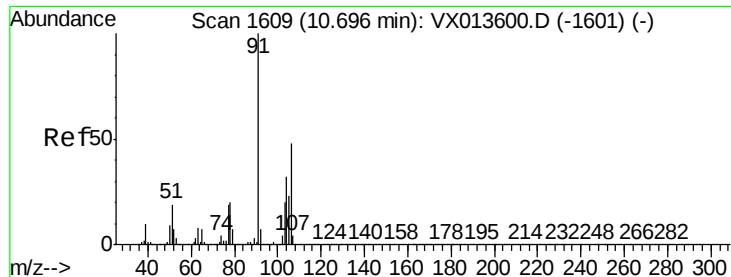
Tgt Ion: 106 Resp: 1285273

Ion Ratio Lower Upper

106 100

91 198.7 159.0 238.4





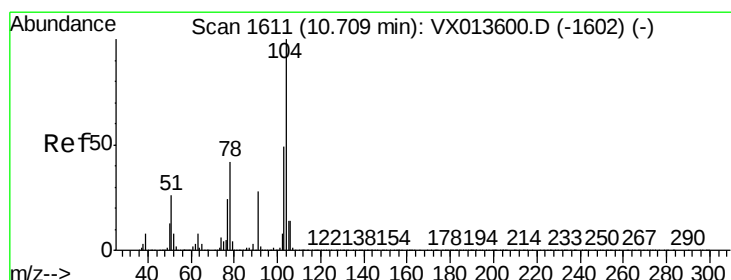
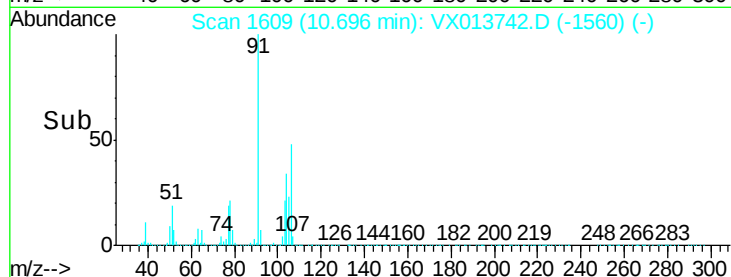
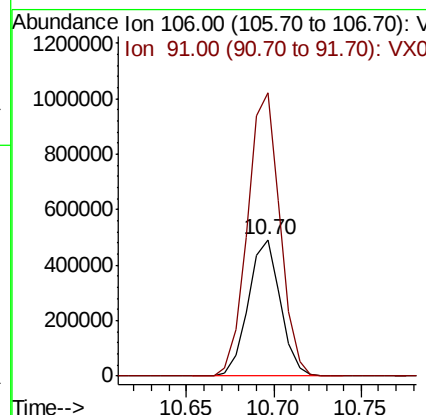
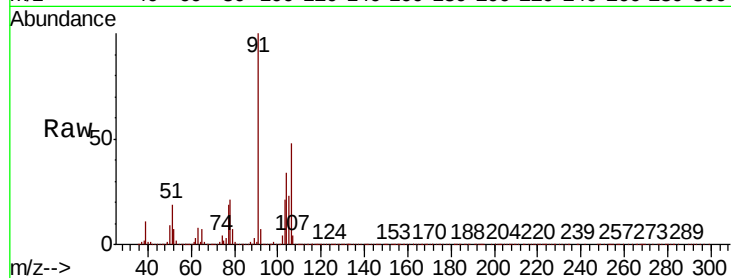
#69  
o-Xylene  
Concen: 49.136 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 210.1 | 104.1 | 312.2 |

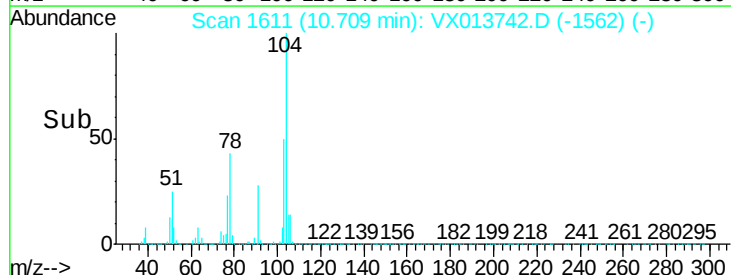
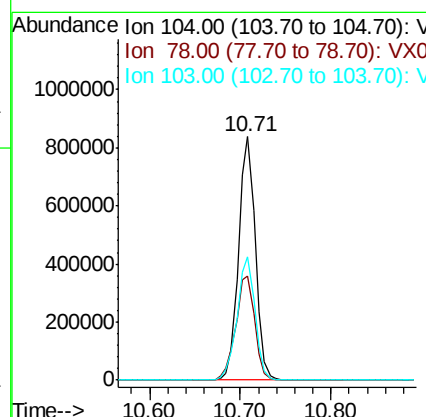
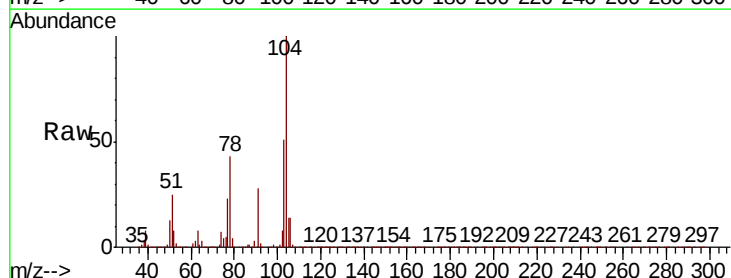
Manual Integrations  
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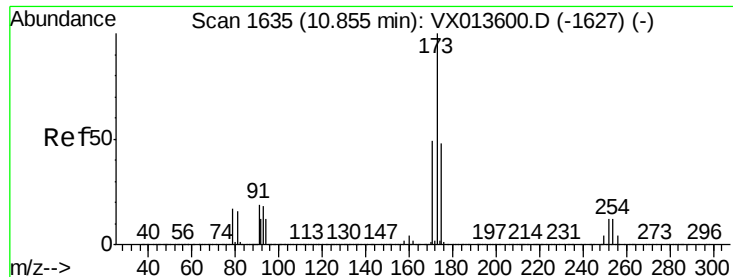
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#70  
Styrene  
Concen: 50.035 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.8  | 38.5  | 57.7  |
| 103     | 54.5  | 43.7  | 65.5  |





#71

Bromoform

Concen: 54.758 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

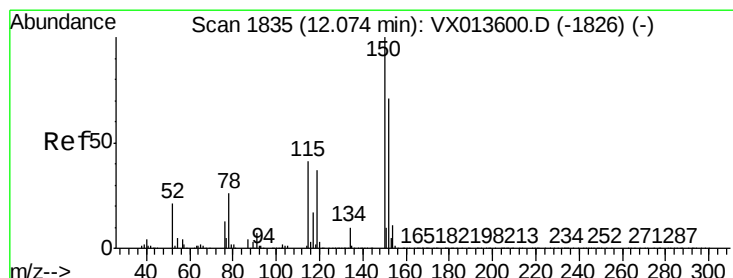
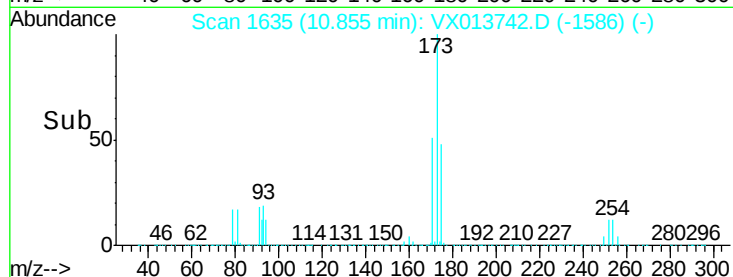
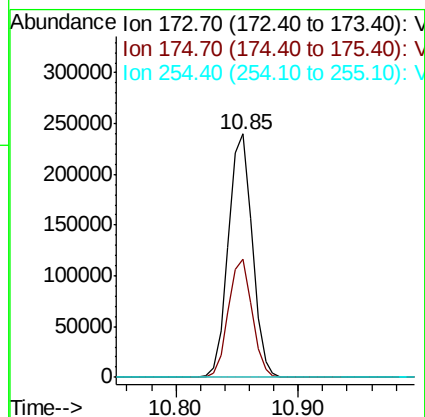
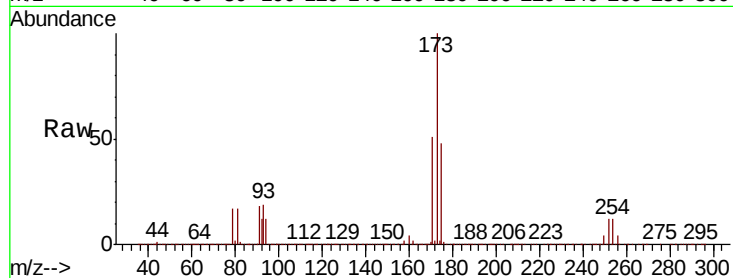
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 322730 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.2  | 24.3  | 72.8   |
| 254       | 0.2   | 0.2   | 0.4#   |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

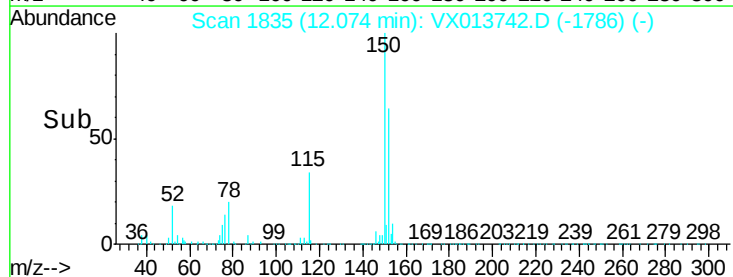
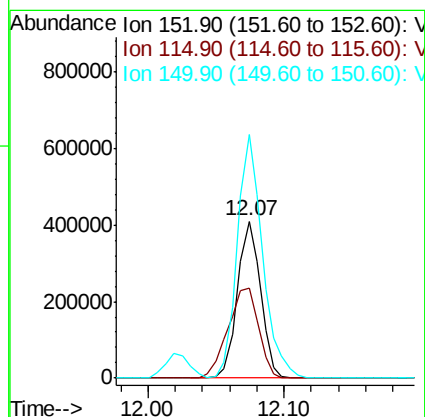
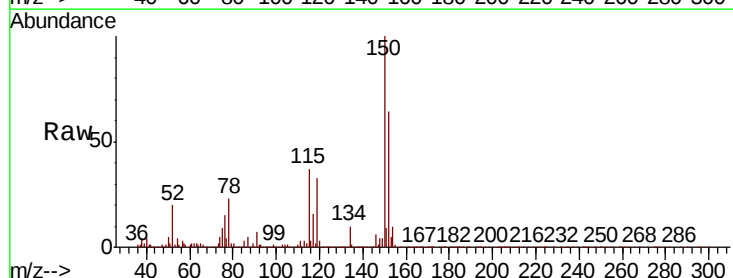
RT: 12.07 min Scan# 1835

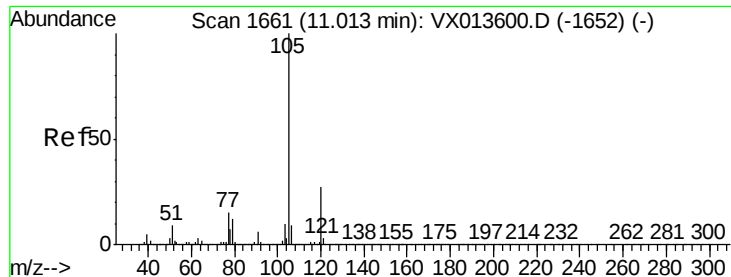
Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 482536 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 76.6  | 38.4  | 115.1  |
| 150       | 170.3 | 0.0   | 346.8  |





#73

Isopropylbenzene

Concen: 48.662 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1647117

Ion Ratio Lower Upper

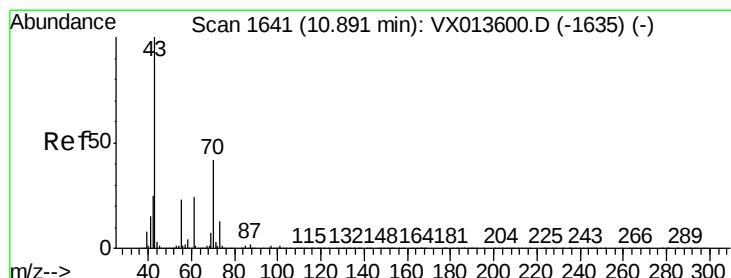
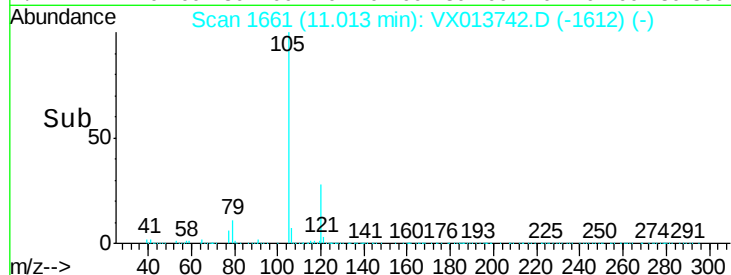
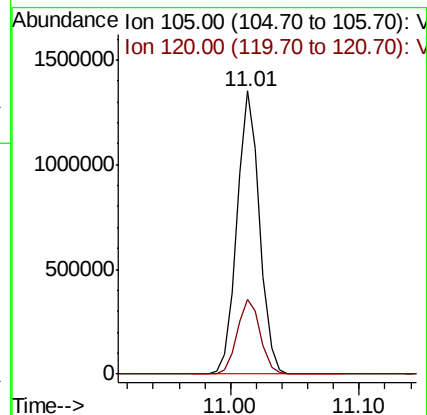
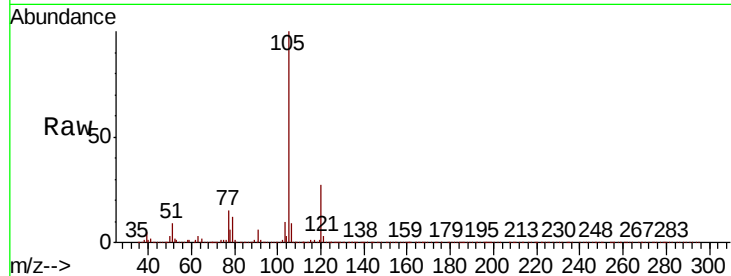
105 100

120 27.0 13.5 40.5

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#74

N-ethyl acetate

Concen: 50.520 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Tgt Ion: 43 Resp: 783332

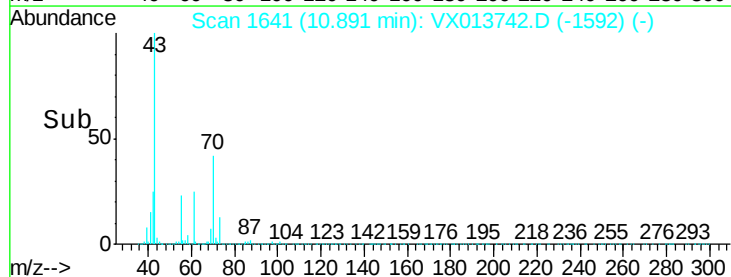
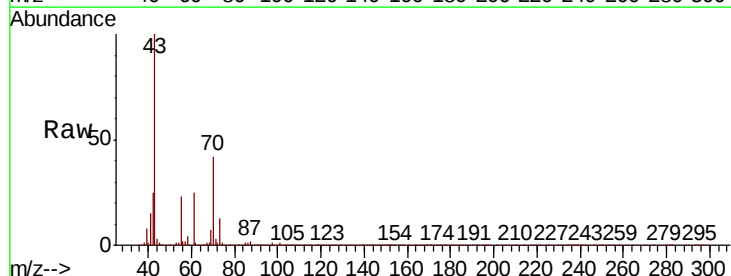
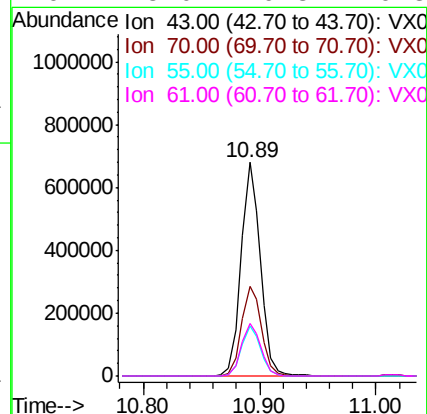
Ion Ratio Lower Upper

43 100

70 43.5 34.3 51.5

55 23.4 18.5 27.7

61 25.0 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.699 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

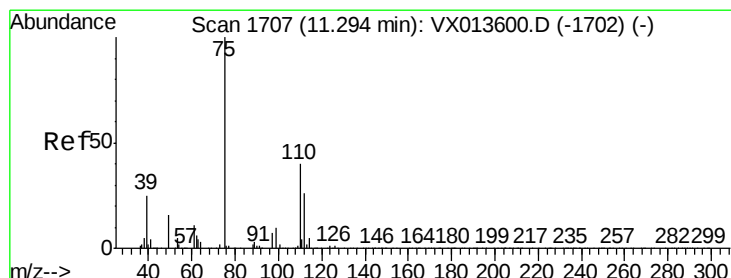
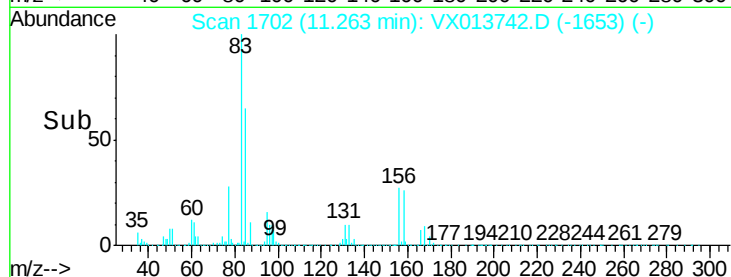
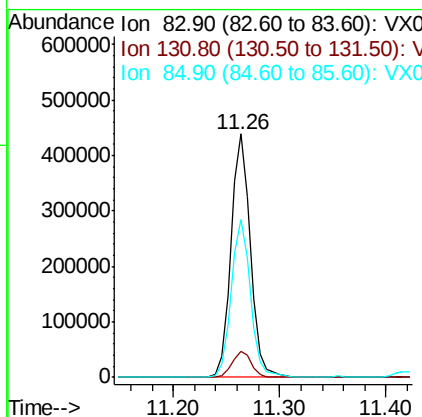
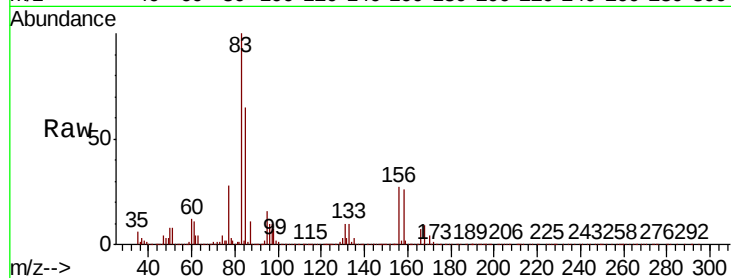
ClientSampleId :

VSTDCCC050EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 83   | Resp: | 559903 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 131       | 10.6 | 5.1   | 15.3   |
| 85        | 64.5 | 31.8  | 95.3   |

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#76

1,2,3-Trichloropropane

Concen: 41.402 ug/l m

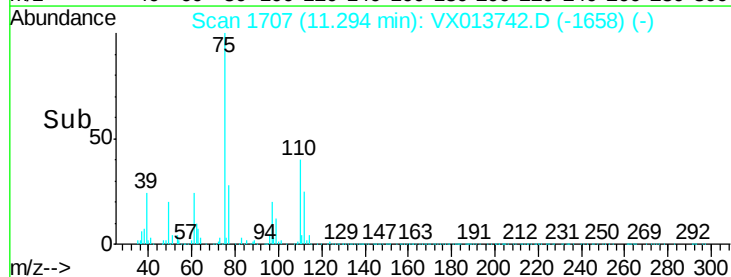
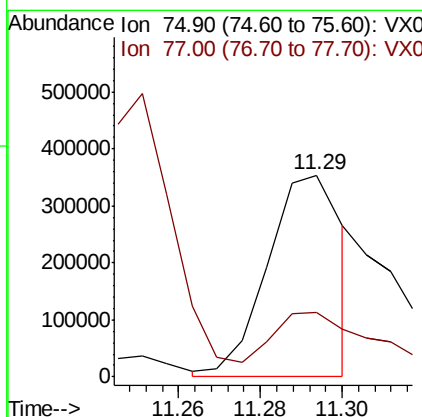
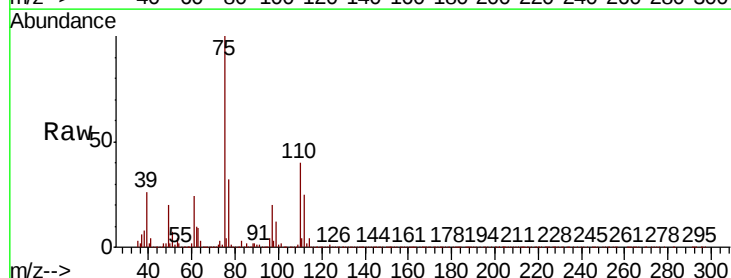
RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 75   | Resp: | 449337 |
| Ion Ratio |      | Lower | Upper  |
| 75        | 100  |       |        |
| 77        | 44.7 | 19.1  | 57.5   |





#77

Bromobenzene

Concen: 48.254 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

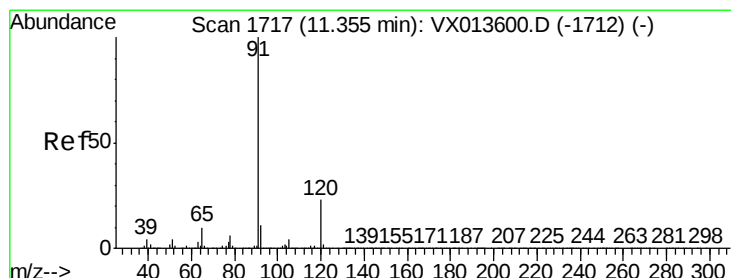
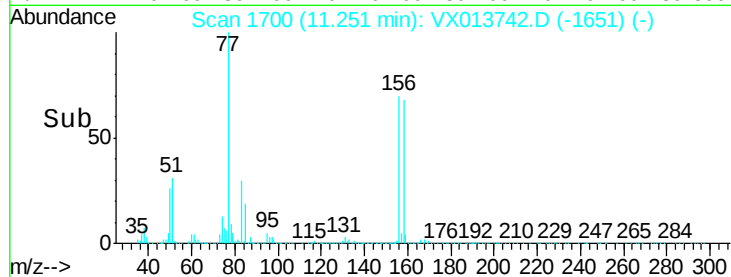
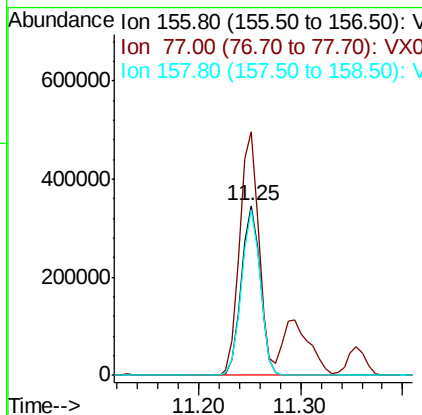
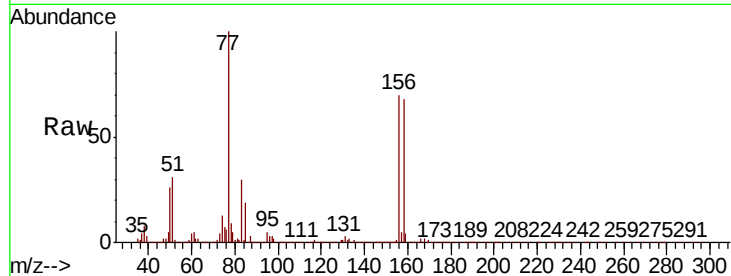
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 441242 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 146.2 | 74.4  | 223.1  |
| 158       | 96.4  | 48.9  | 146.6  |

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#78

n-propylbenzene

Concen: 48.686 ug/l

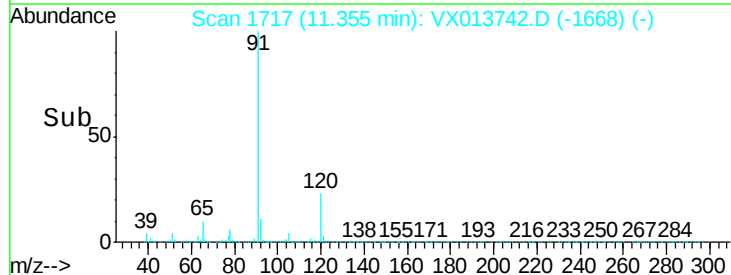
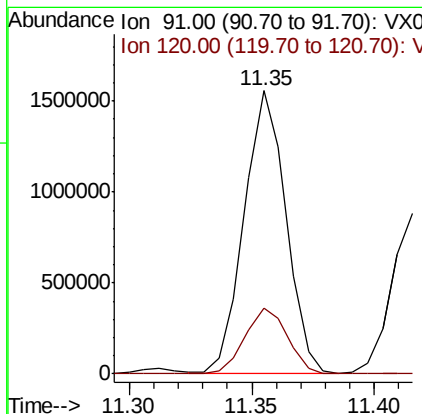
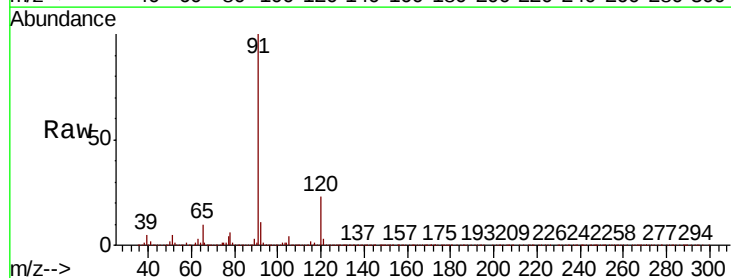
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1839587 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 23.9  | 11.8  | 35.3    |





#79

2-Chlorotoluene

Concen: 48.259 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 1093849

Ion Ratio Lower Upper

91 100

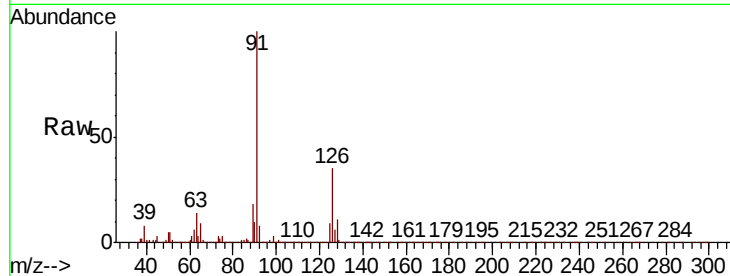
126 35.2 17.5 52.5

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Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013600.D (-1722) (-)

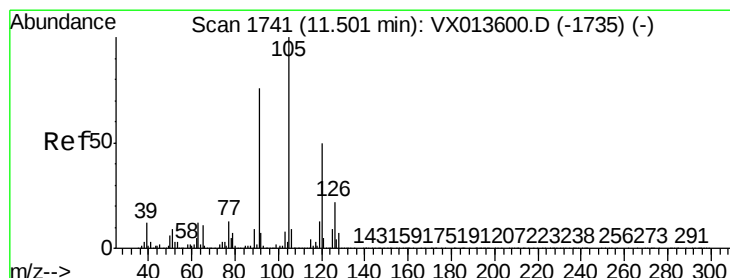
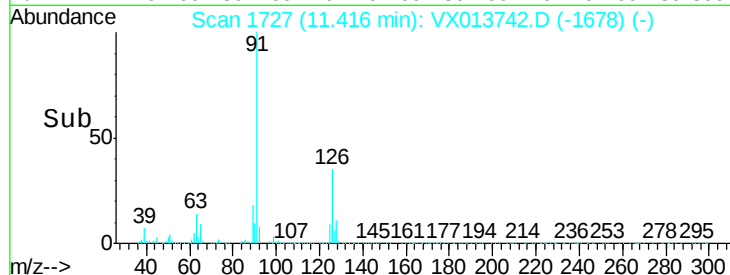
1500000

1000000

500000

0

11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 49.429 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013742.D

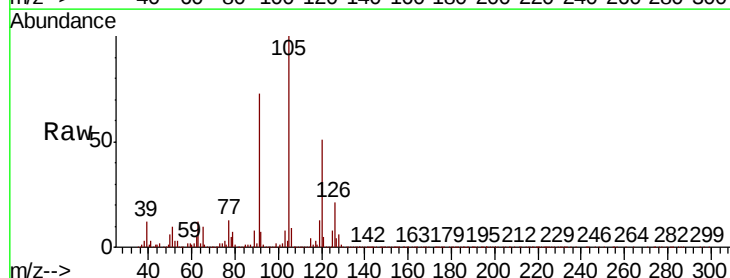
Acq: 03 Dec 2019 22:01

Tgt Ion: 105 Resp: 1371245

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)

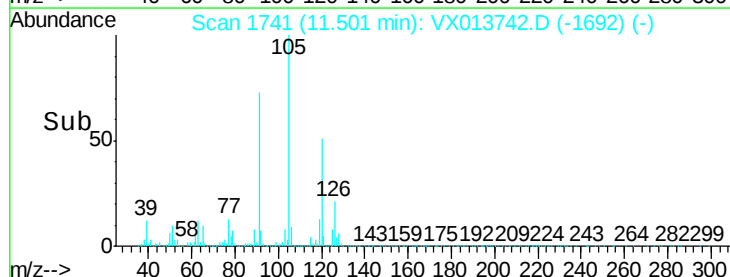
Ion 120.00 (119.70 to 120.70): VX013600.D (-1735) (-)

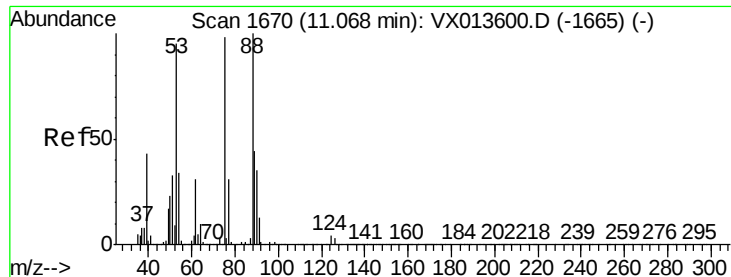
1000000

500000

0

11.50 11.60





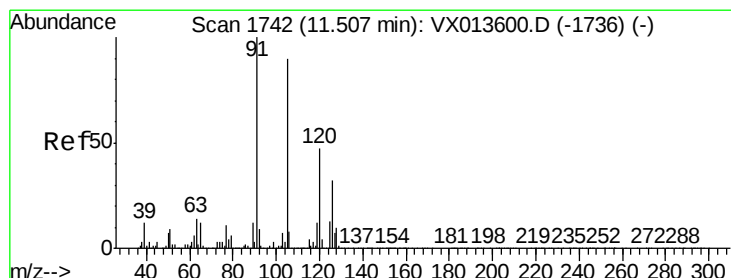
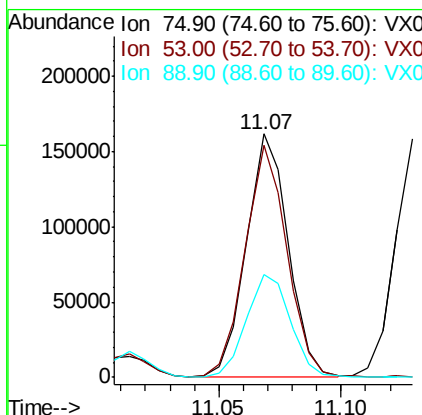
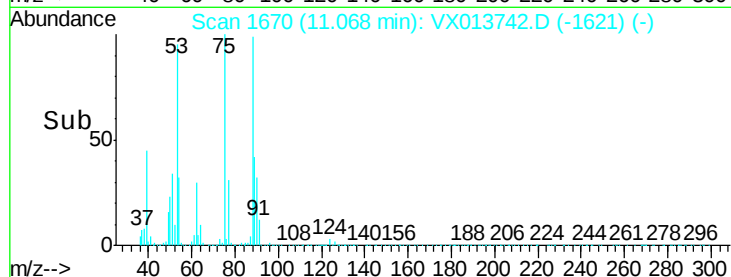
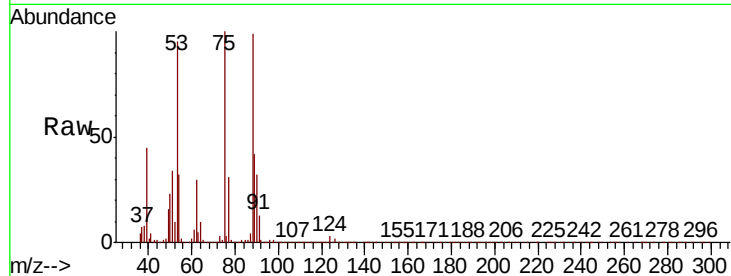
#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.132 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 95.6  | 78.2  | 117.2 |
| 89      | 45.2  | 35.4  | 53.2  |

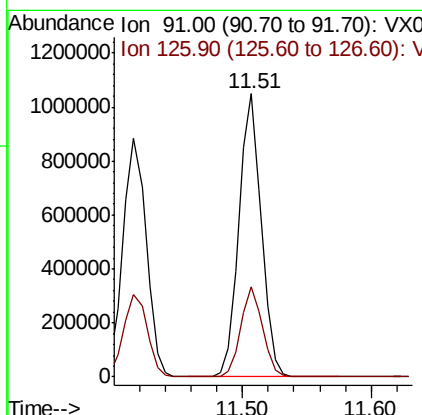
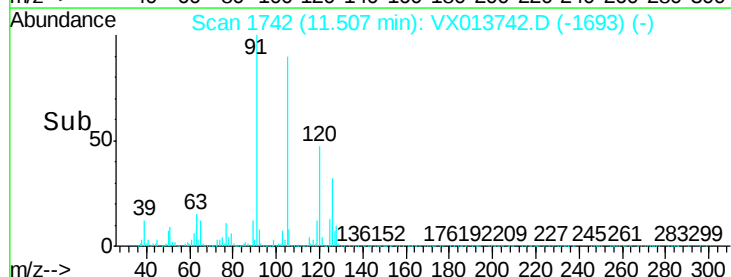
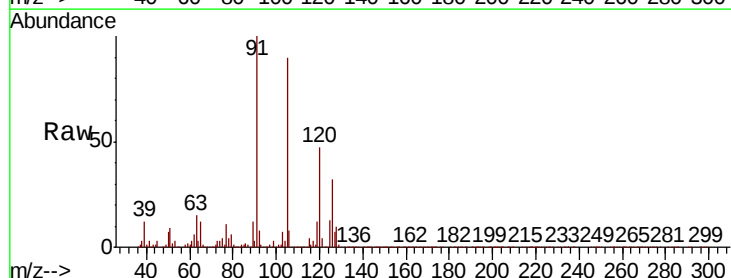
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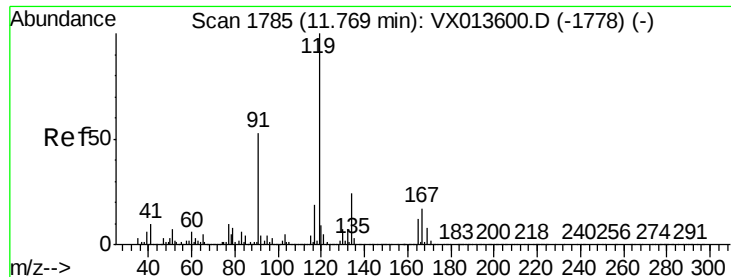
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#82  
4-Chlorotoluene  
Concen: 48.084 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

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





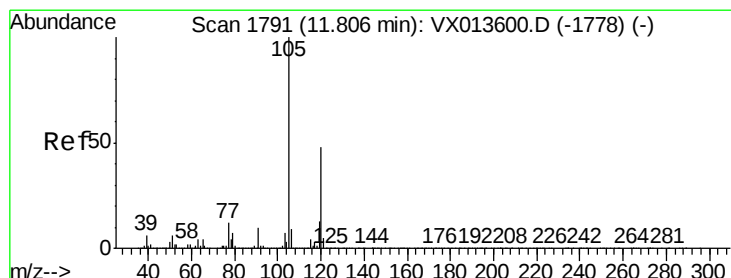
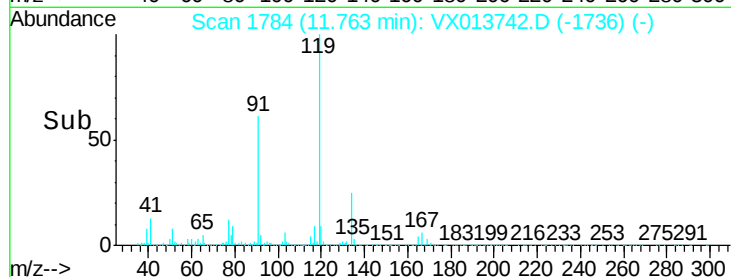
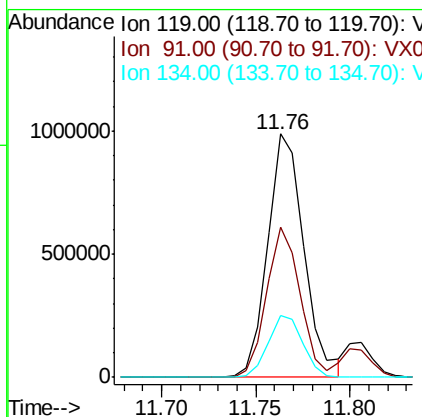
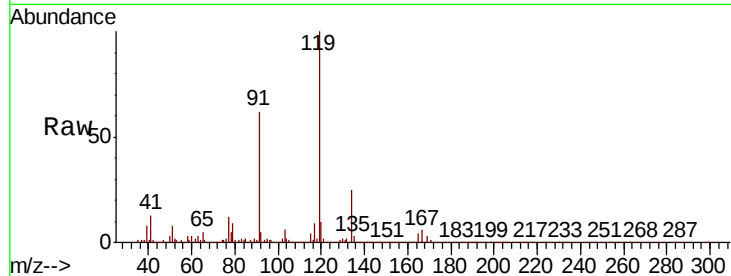
#83  
tert-Butylbenzene  
Concen: 46.835 ug/l  
RT: 11.76 min Scan# 1784  
Delta R.T. -0.01 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 57.2  | 27.2  | 81.6  |
| 134     | 24.4  | 11.7  | 35.1  |

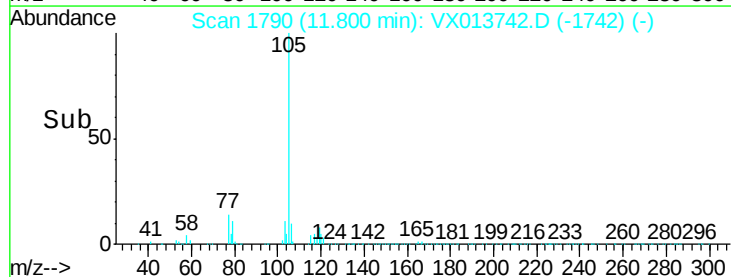
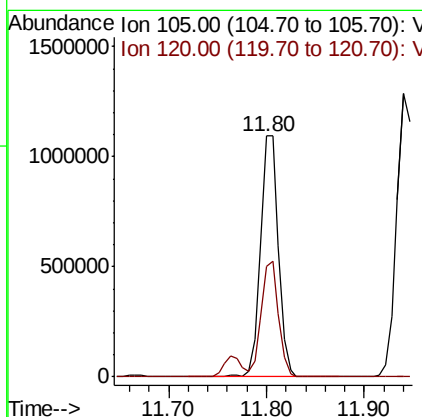
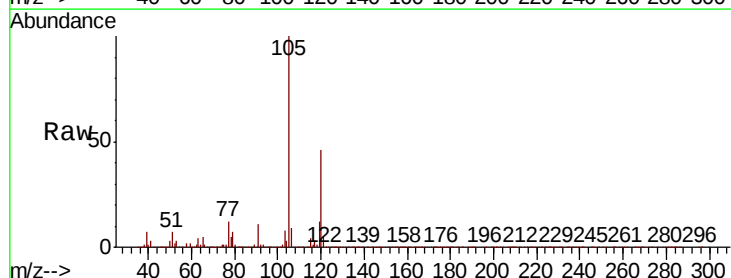
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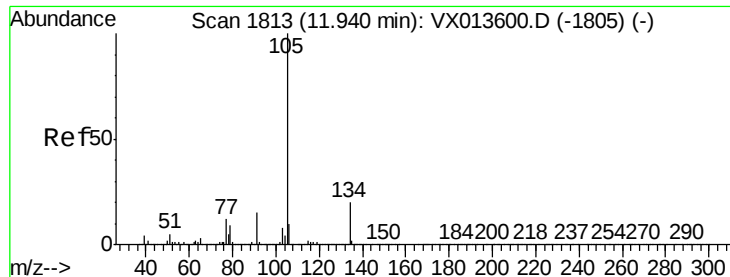
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#84  
1,2,4-Trimethylbenzene  
Concen: 49.280 ug/l  
RT: 11.80 min Scan# 1790  
Delta R.T. -0.01 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.2  | 23.1  | 69.3  |





#85

sec-Butylbenzene

Concen: 49.151 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1582808

Ion Ratio Lower Upper

105 100

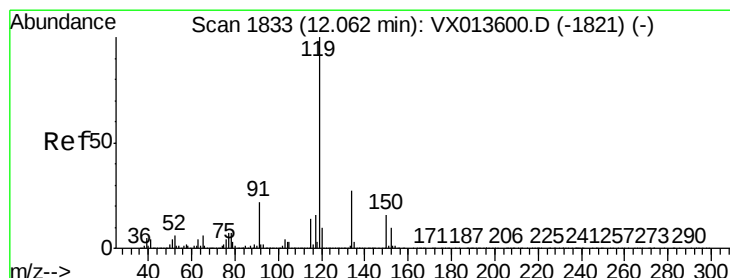
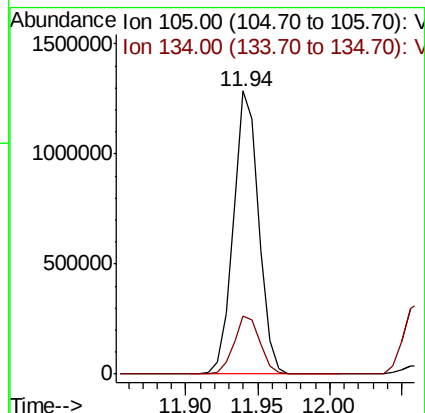
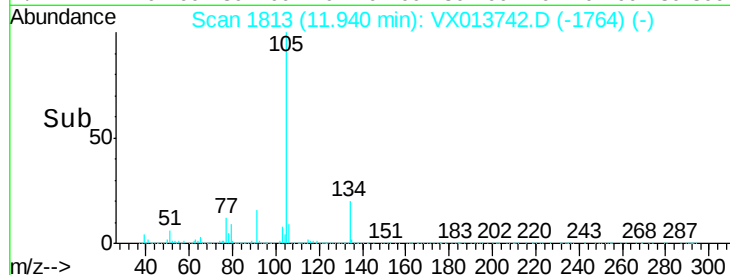
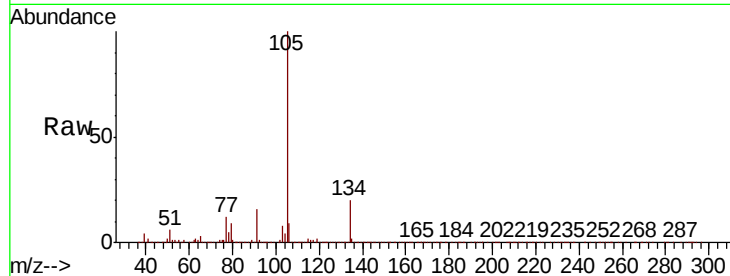
134 21.0 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 48.912 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

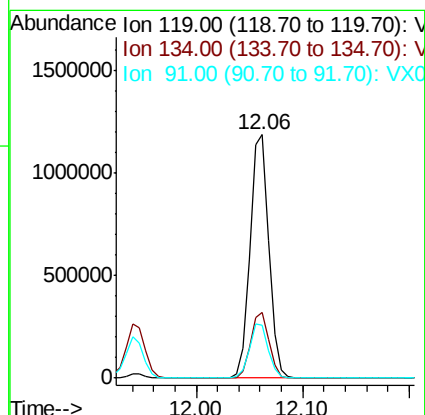
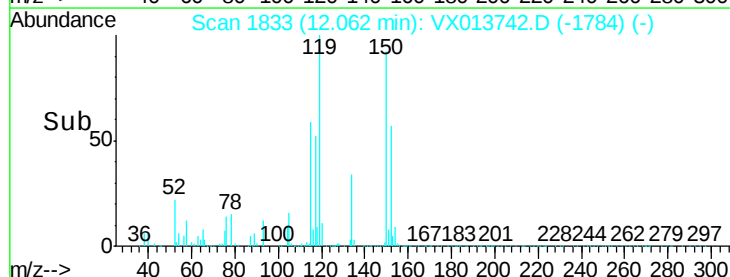
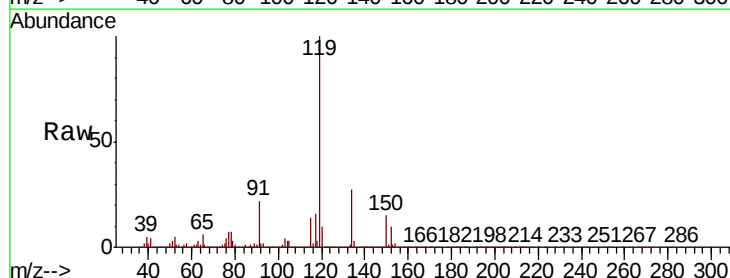
Tgt Ion:119 Resp: 1465332

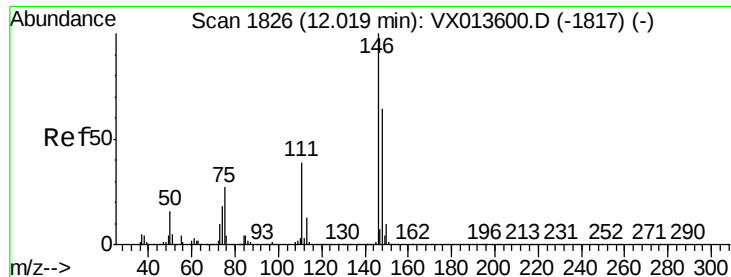
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

91 22.5 11.3 33.8





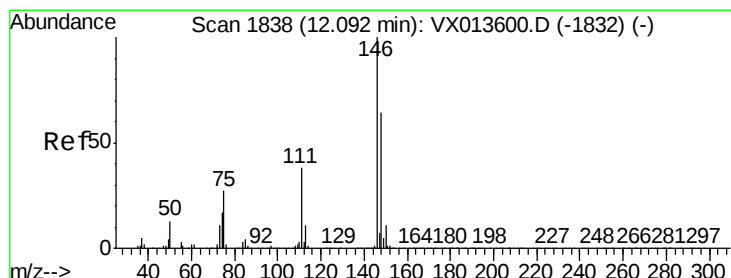
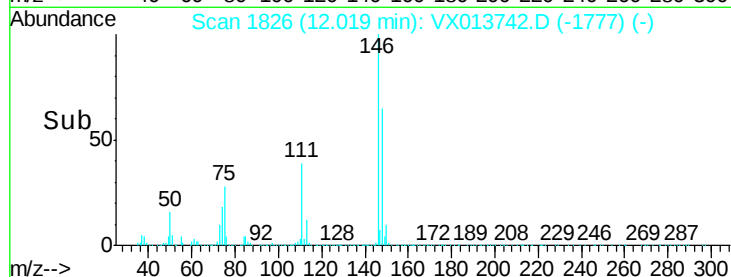
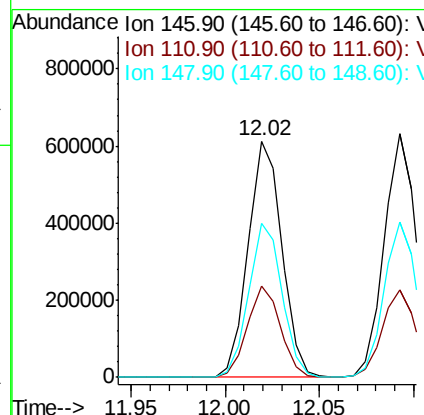
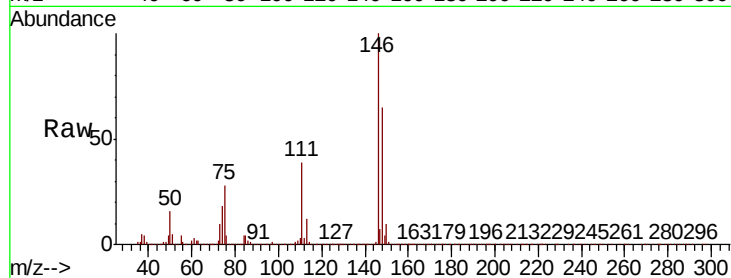
#87  
 1,3-Dichlorobenzene  
 Concen: 47.761 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. -0.00 min  
 Lab File: VX013742.D  
 Acq: 03 Dec 2019 22:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 19.0  | 57.0  |
| 148     | 64.8  | 31.8  | 95.4  |

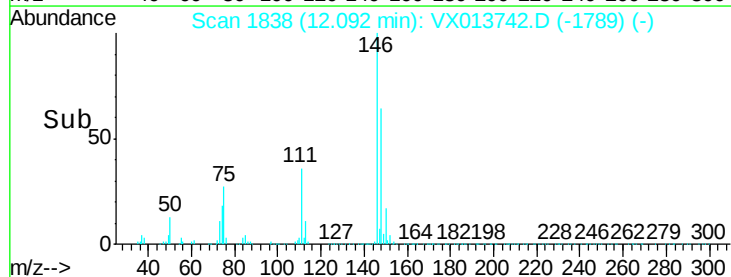
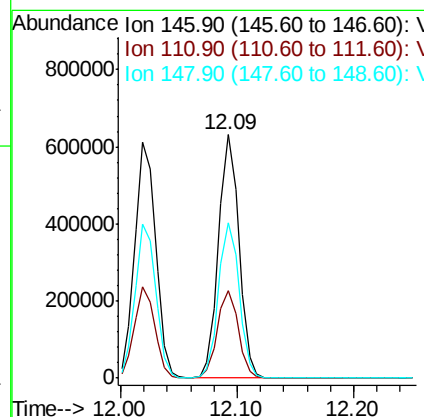
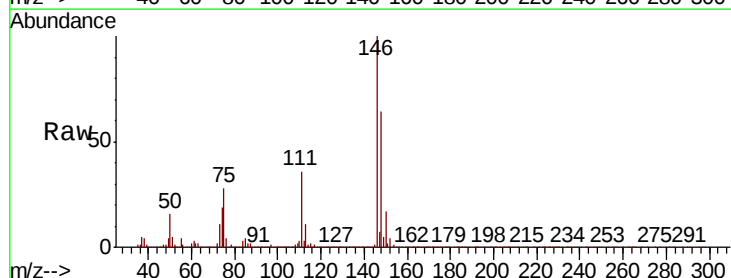
Manual Integrations  
 APPROVED

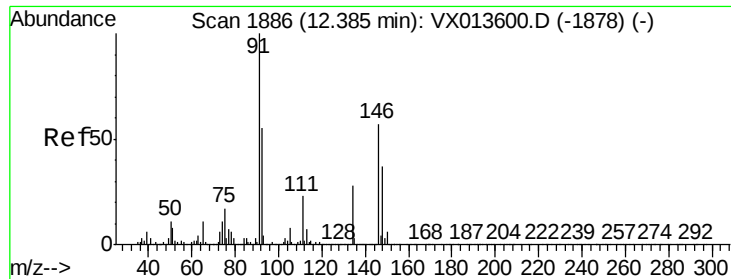
apatel  
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#88  
 1,4-Dichlorobenzene  
 Concen: 46.845 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. -0.00 min  
 Lab File: VX013742.D  
 Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.0  | 18.9  | 56.9  |
| 148     | 64.6  | 31.9  | 95.5  |





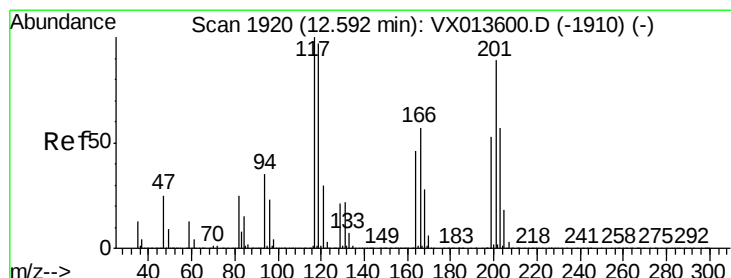
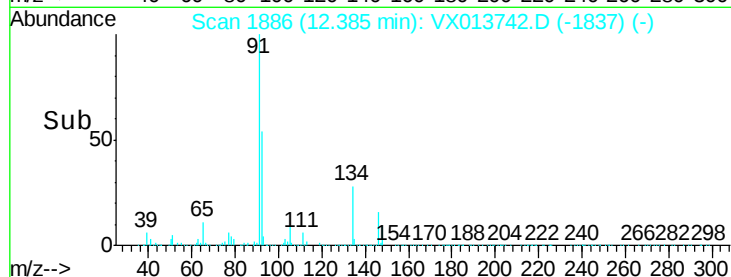
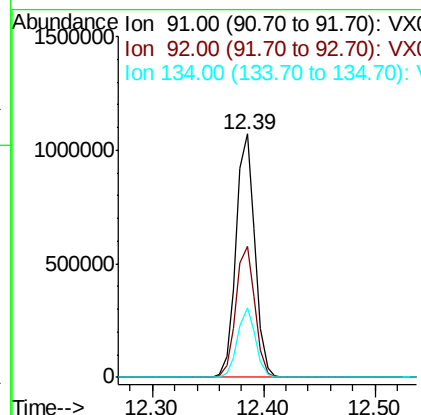
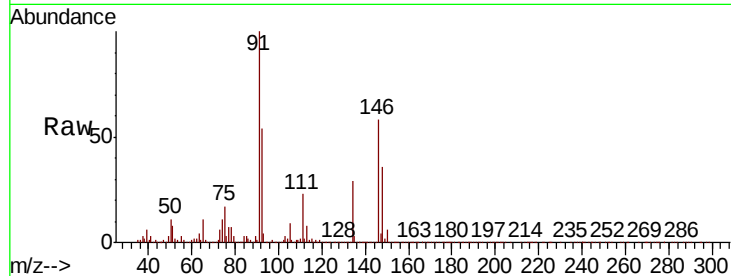
#89  
n-Butylbenzene  
Concen: 48.748 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.4  | 27.4  | 82.2  |
| 134     | 27.4  | 13.5  | 40.4  |

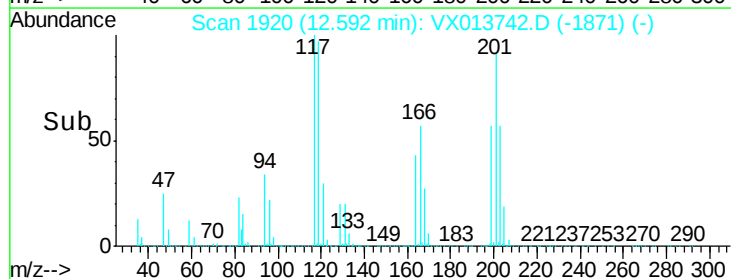
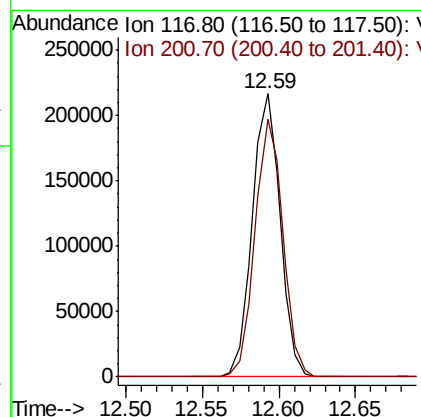
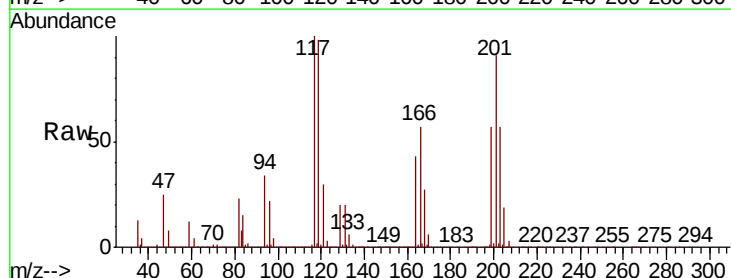
Manual Integrations  
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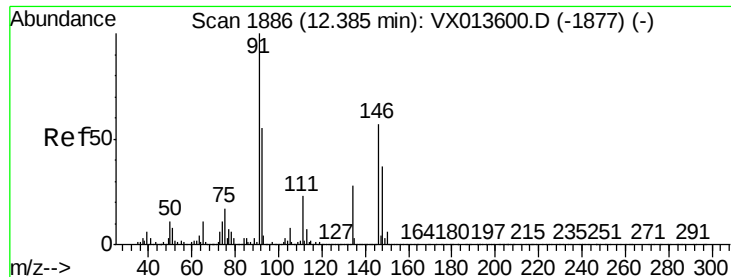
apatel  
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#90  
Hexachloroethane  
Concen: 50.494 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 91.9  | 44.1  | 132.4 |





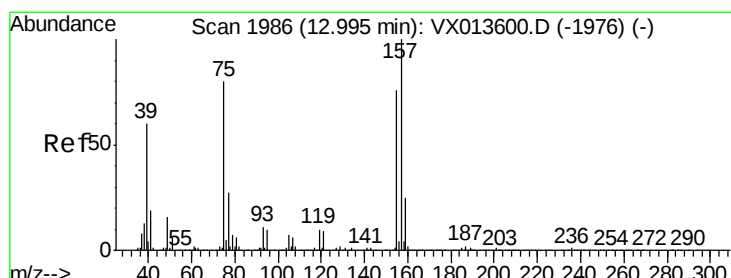
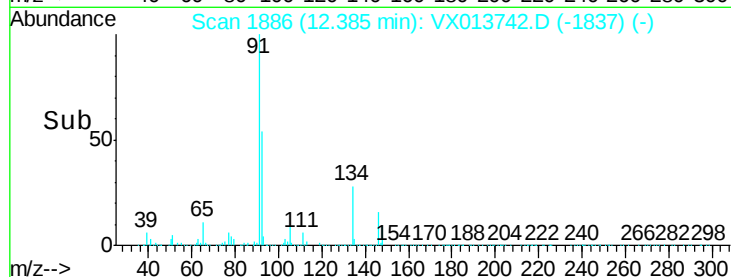
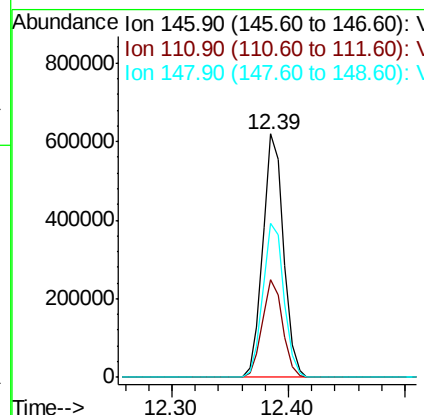
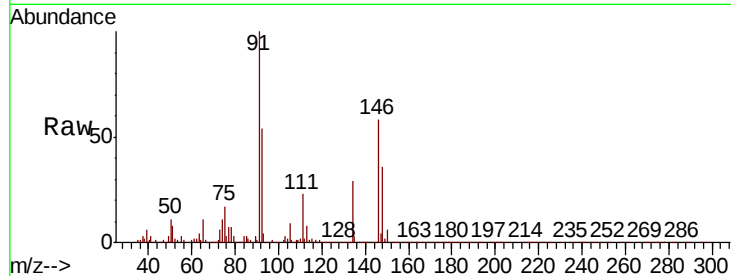
#91  
 1,2-Dichlorobenzene  
 Concen: 48.798 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. -0.00 min  
 Lab File: VX013742.D  
 Acq: 03 Dec 2019 22:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 19.6  | 58.7  |
| 148     | 64.4  | 31.9  | 95.7  |

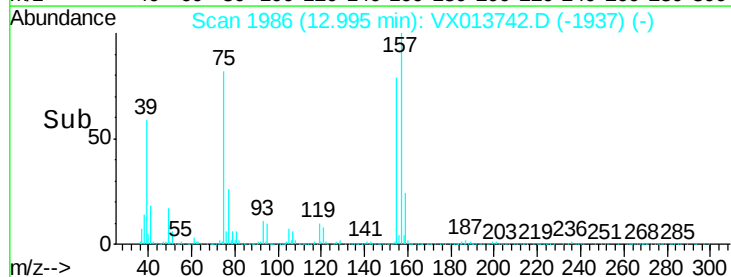
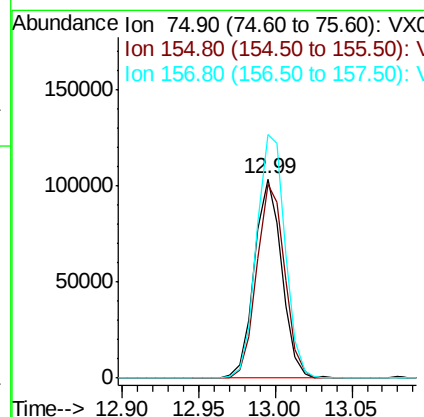
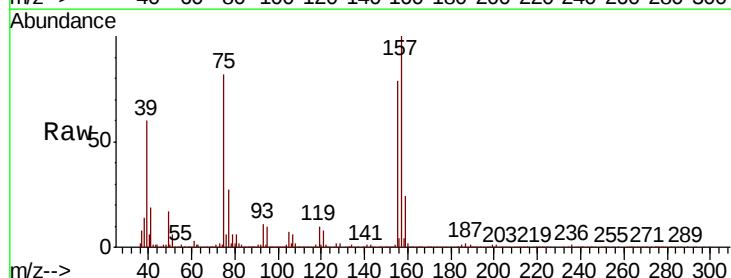
Manual Integrations  
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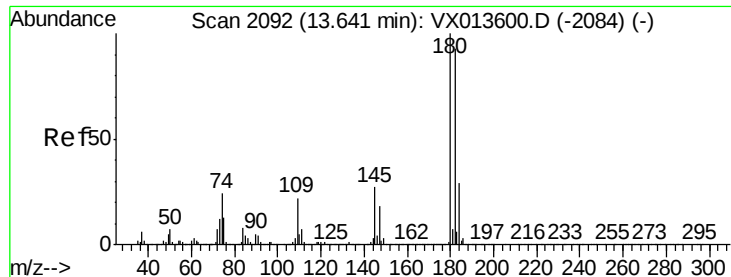
apatel  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.362 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VX013742.D  
 Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 99.9  | 47.6  | 142.8 |
| 157     | 128.2 | 62.1  | 186.2 |





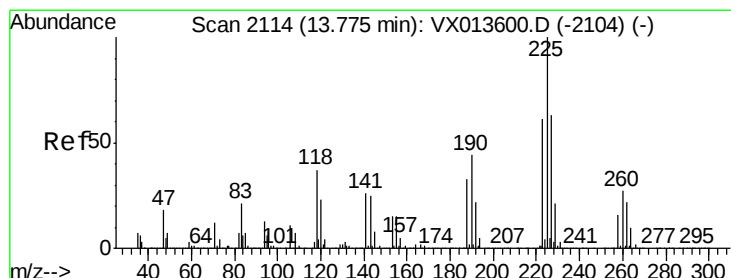
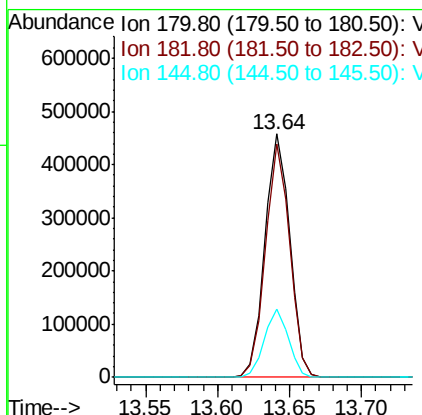
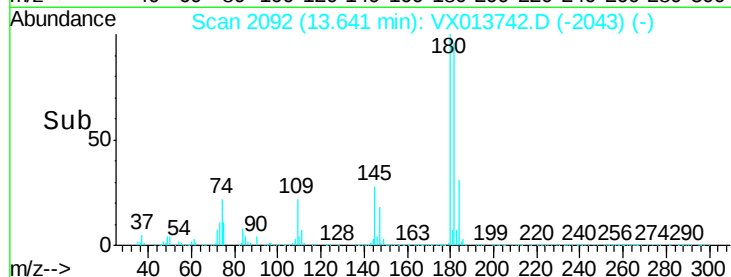
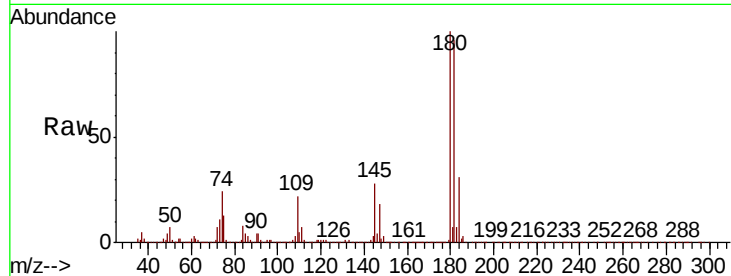
#93  
1,2,4-Trichlorobenzene  
Concen: 49.614 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. -0.00 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 94.0  | 47.2 | 141.6 |       |
| 145     | 27.2  | 13.8 | 41.4  |       |

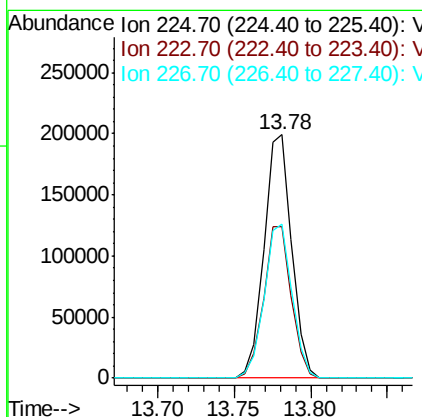
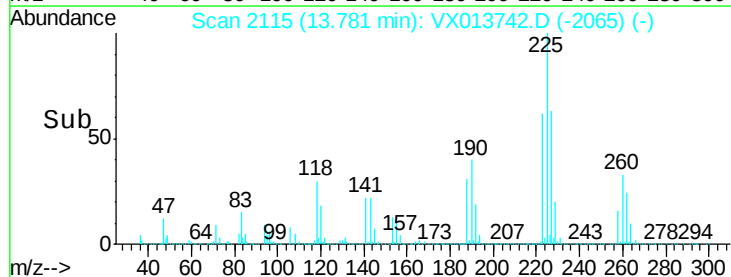
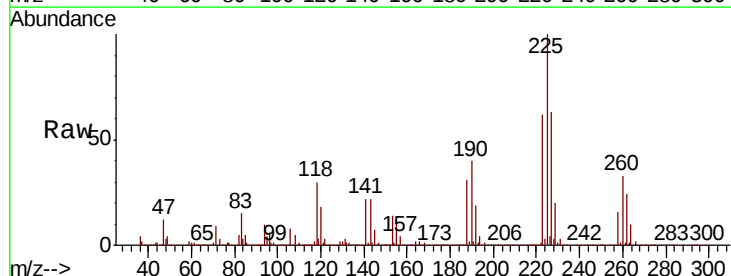
Manual Integrations  
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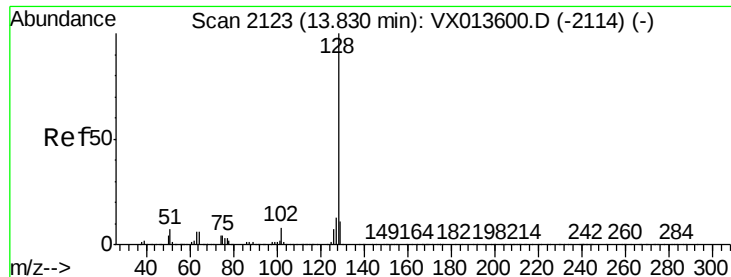
apatel  
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#94  
Hexachlorobutadiene  
Concen: 47.748 ug/l  
RT: 13.78 min Scan# 2115  
Delta R.T. 0.01 min  
Lab File: VX013742.D  
Acq: 03 Dec 2019 22:01

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.6  | 31.9 | 95.5  |       |
| 227     | 63.8  | 32.1 | 96.3  |       |





#95

Naphthalene

Concen: 52.178 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1705549

Ion Ratio Lower Upper

128 100

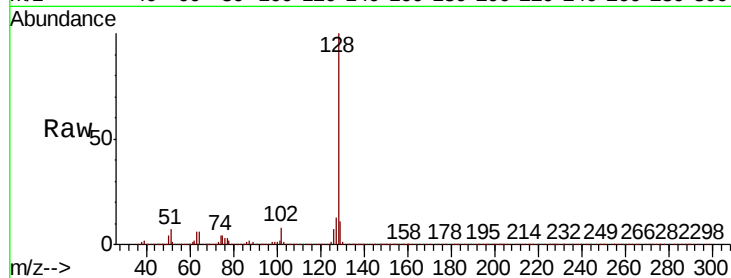
127 12.8 10.3 15.5

129 11.0 8.7 13.1

Manual Integrations  
APPROVED

apatel

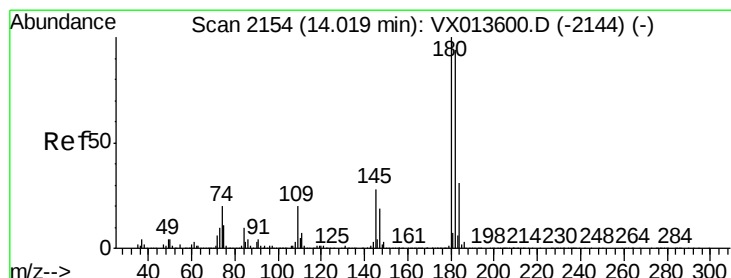
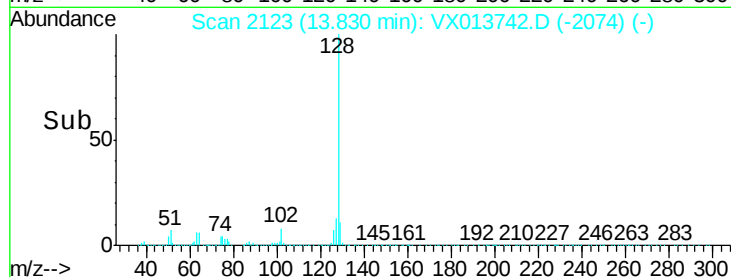
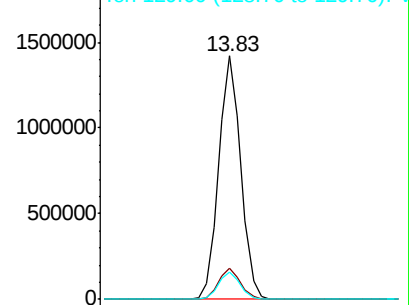
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.057 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

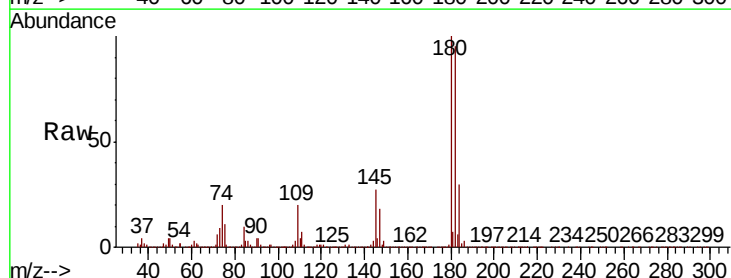
Tgt Ion:180 Resp: 543994

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.8

145 29.8 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

