

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\  
 Data File : VX005892.D  
 Acq On : 12 Nov 2018 11:23  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Nov 13 04:38:20 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 116354   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 153125   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 136851   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 80162    | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.06   | 65  | 60003    | 44.86 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 89.72%  |      |
| 35) Dibromofluoromethane    | 5.50   | 113 | 51827    | 49.76 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.52%  |      |
| 50) Toluene-d8              | 8.71   | 98  | 175694   | 50.74 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.48% |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 66224    | 53.20 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 106.40% |      |

| Target Compounds              |      |     |        |         | Qvalue    |
|-------------------------------|------|-----|--------|---------|-----------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 47066  | 44.865  | ug/l 99   |
| 3) Chloromethane              | 1.32 | 50  | 60350  | 43.835  | ug/l 97   |
| 4) Vinyl Chloride             | 1.41 | 62  | 64330  | 46.544  | ug/l 95   |
| 5) Bromomethane               | 1.64 | 94  | 34715  | 41.043  | ug/l 100  |
| 6) Chloroethane               | 1.72 | 64  | 39469  | 47.860  | ug/l # 86 |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 89005  | 48.514  | ug/l 95   |
| 8) Diethyl Ether              | 2.19 | 74  | 34952  | 48.620  | ug/l 100  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 53561  | 50.761  | ug/l 98   |
| 10) Methyl Iodide             | 2.51 | 142 | 59689  | 46.675  | ug/l 99   |
| 11) Tert butyl alcohol        | 3.06 | 59  | 76840  | 200.528 | ug/l 100  |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 45555  | 44.295  | ug/l 93   |
| 13) Acrolein                  | 2.29 | 56  | 29016  | 165.801 | ug/l 99   |
| 14) Allyl chloride            | 2.72 | 41  | 111723 | 48.640  | ug/l 96   |
| 15) Acrylonitrile             | 3.15 | 53  | 185918 | 234.121 | ug/l 96   |
| 16) Acetone                   | 2.45 | 43  | 157808 | 219.111 | ug/l 92   |
| 17) Carbon Disulfide          | 2.57 | 76  | 141803 | 46.226  | ug/l 98   |
| 18) Methyl Acetate            | 2.78 | 43  | 89901  | 46.474  | ug/l 99   |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 172217 | 49.063  | ug/l 100  |
| 20) Methylene Chloride        | 2.86 | 84  | 53128  | 44.907  | ug/l 94   |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 49188  | 45.345  | ug/l 93   |
| 22) Diisopropyl ether         | 3.87 | 45  | 182583 | 45.377  | ug/l # 90 |
| 23) Vinyl Acetate             | 3.82 | 43  | 837041 | 242.622 | ug/l 99   |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 97144  | 45.252  | ug/l 99   |
| 25) 2-Butanone                | 4.70 | 43  | 248008 | 219.030 | ug/l 97   |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 77639  | 49.303  | ug/l 99   |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 53963  | 45.053  | ug/l 98   |
| 28) Bromochloromethane        | 5.03 | 49  | 50445  | 52.579  | ug/l 97   |
| 29) Tetrahydrofuran           | 5.15 | 42  | 162858 | 224.007 | ug/l 97   |
| 30) Chloroform                | 5.21 | 83  | 99007  | 47.804  | ug/l 91   |
| 31) Cyclohexane               | 5.58 | 56  | 83580  | 44.852  | ug/l 96   |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 82043  | 47.492  | ug/l 98   |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 69435  | 47.038  | ug/l 99   |
| 37) Ethyl Acetate             | 4.85 | 43  | 91504  | 47.138  | ug/l 99   |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 70889  | 47.969  | ug/l 92   |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Nov 13 04:38:20 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 75533    | 50.485  | ug/l   | 97       |
| 40) Benzene                    | 6.14  | 78   | 202090   | 46.961  | ug/l   | 92       |
| 41) Methacrylonitrile          | 5.06  | 41   | 52107    | 49.677  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 72176    | 46.826  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 123806   | 44.015  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 52036    | 47.615  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 52609    | 50.368  | ug/l # | 87       |
| 46) Dibromomethane             | 7.66  | 93   | 32634    | 49.790  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 64539    | 52.103  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 63611    | 50.365  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 25998    | 955.253 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 423074   | 238.656 | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 118671   | 49.342  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 71875    | 49.170  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 77991    | 52.347  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 48464    | 45.214  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 73456    | 45.801  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 81420    | 45.201  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 209235   | 239.770 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 337521   | 216.001 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 52648    | 45.448  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 50765    | 42.830  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 55952    | 48.021  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 132994   | 48.510  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 48796    | 51.196  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 229366   | 52.174  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 180777   | 107.806 | ug/l   | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 83872    | 55.779  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 144029   | 58.065  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 43803    | 54.823  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 236756   | 51.073  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 109863   | 42.432  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 76502    | 44.961  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 95253    | 58.356  | ug/l   | 84       |
| 77) Bromobenzene               | 11.26 | 156  | 62409    | 47.764  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 279439   | 51.149  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 162571   | 49.231  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 204862   | 52.004  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 24632    | 48.096  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 195914   | 50.341  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 197623   | 49.587  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 211029   | 48.538  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 243818   | 50.029  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 223503   | 51.775  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 118169   | 47.125  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 119929   | 46.719  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 200774   | 50.183  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 35162    | 48.787  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 117370   | 46.723  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 19254    | 46.372  | ug/l   | 99       |

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Acq On : 12 Nov 2018 11:23  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

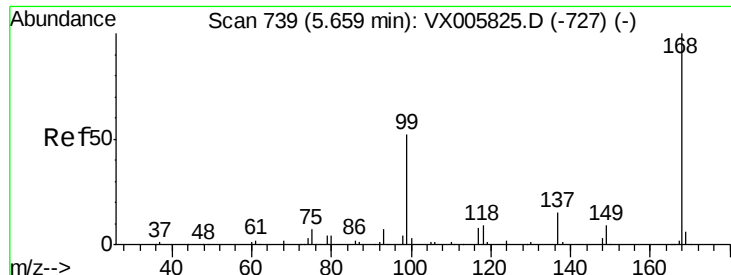
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: Nov 13 04:38:20 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 07 14:40:53 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 89834    | 50.799 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 47211    | 50.823 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 261917   | 45.523 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 90283    | 50.112 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

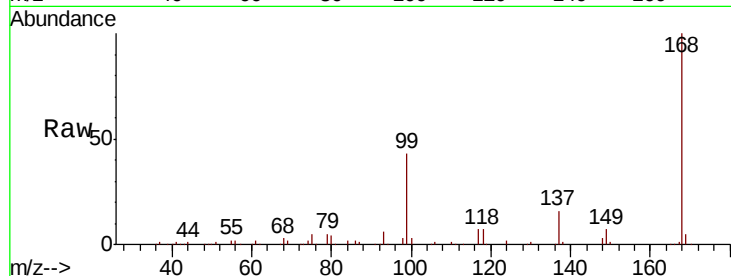
VSTDCCC050

Tot Ion:168 Resp: 116354

Ion Ratio Lower Upper

168 100

99 43.3 40.7 61.1



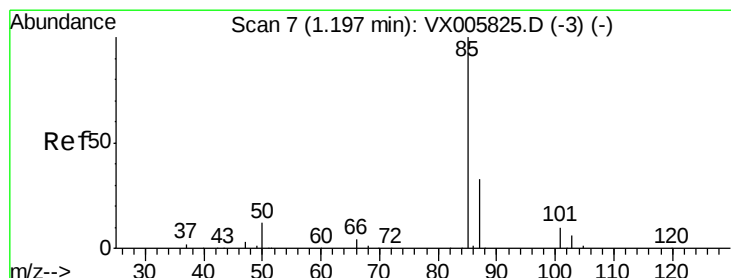
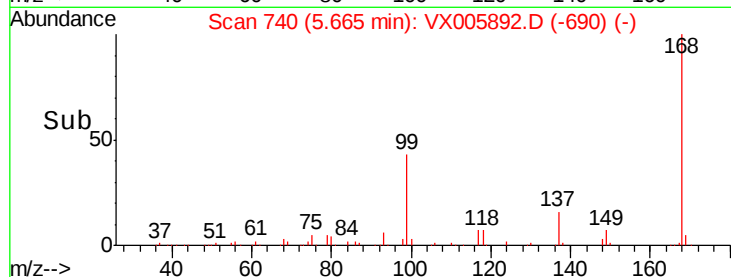
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.865 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005892.D

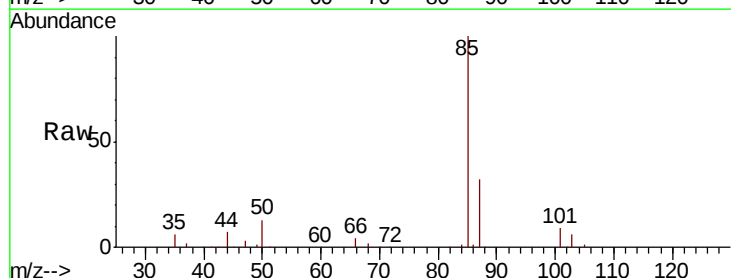
Acq: 12 Nov 2018 11:23

Tgt Ion: 85 Resp: 47066

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.9



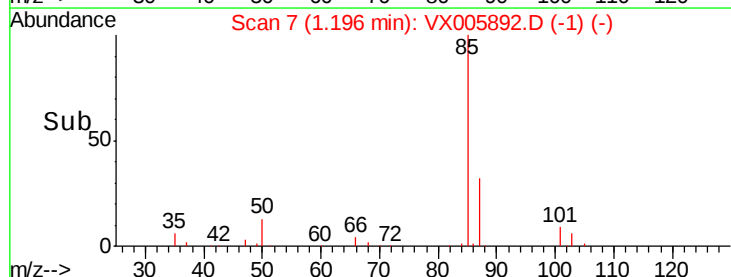
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

1.15 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.835 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

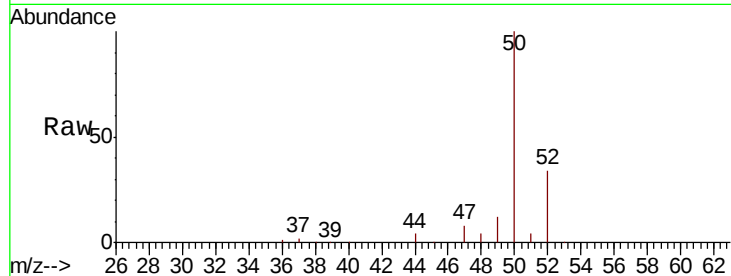
VSTDCCC050

Tot Ion: 50 Resp: 60350

Ion Ratio Lower Upper

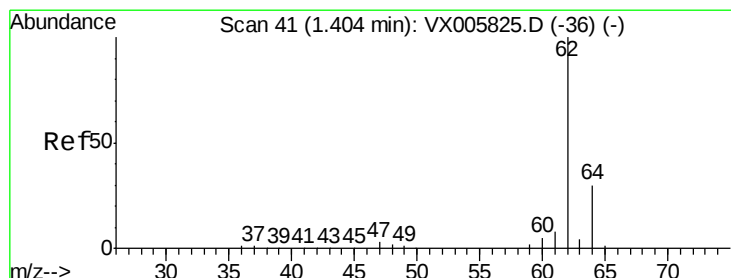
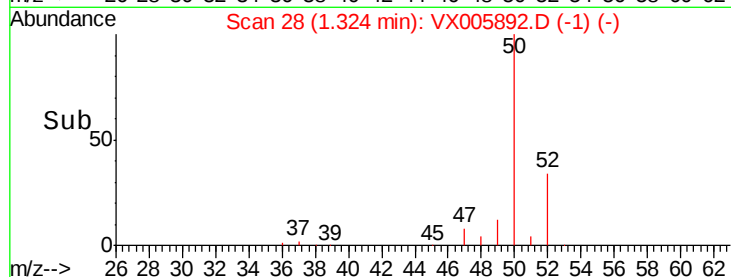
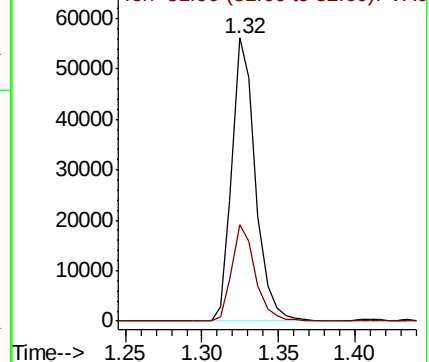
50 100

52 34.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.544 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005892.D

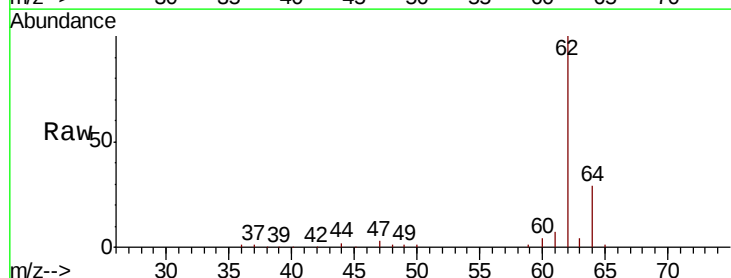
Acq: 12 Nov 2018 11:23

Tgt Ion: 62 Resp: 64330

Ion Ratio Lower Upper

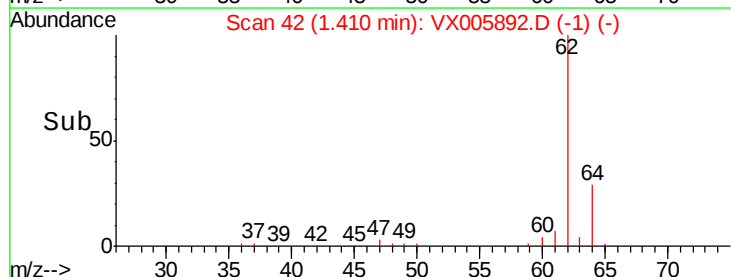
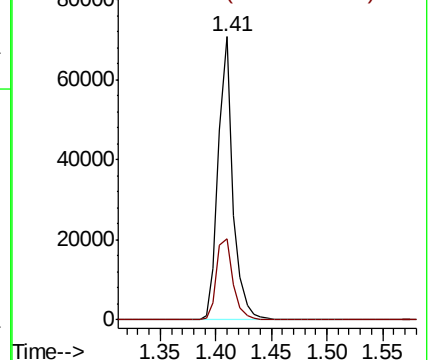
62 100

64 28.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.043 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

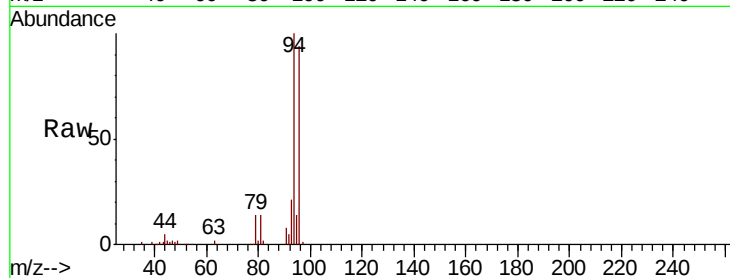
VSTDCCC050

Tot Ion: 94 Resp: 34715

Ion Ratio Lower Upper

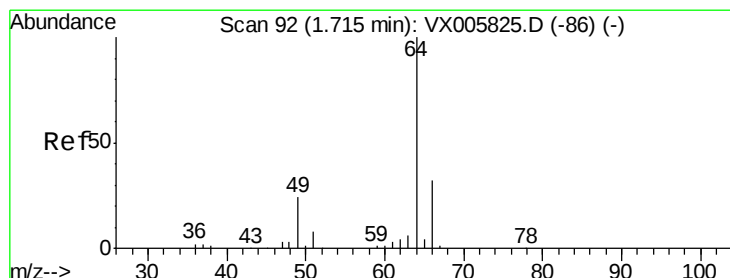
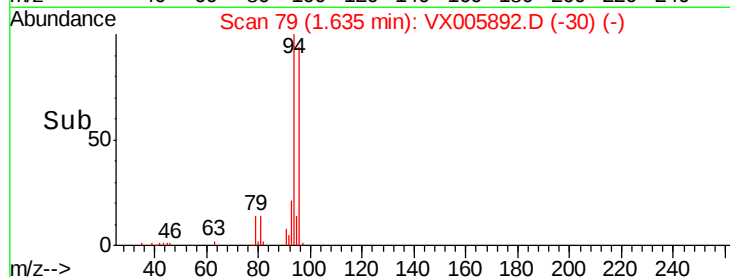
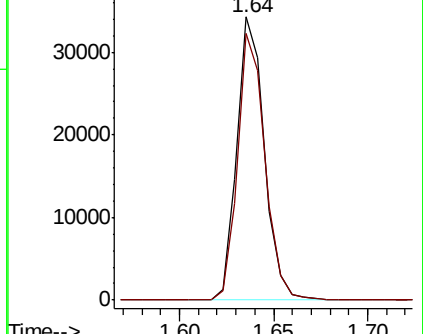
94 100

96 94.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.860 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005892.D

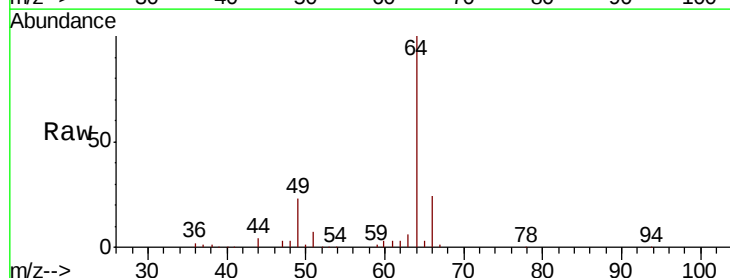
Acq: 12 Nov 2018 11:23

Tgt Ion: 64 Resp: 39469

Ion Ratio Lower Upper

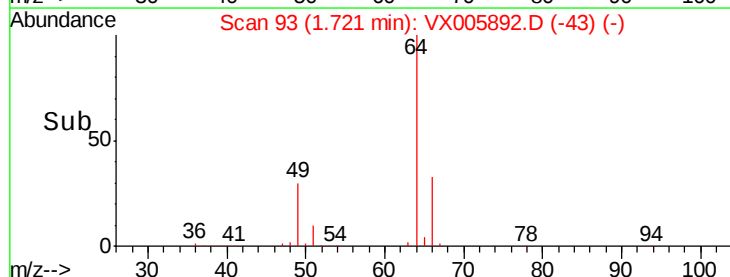
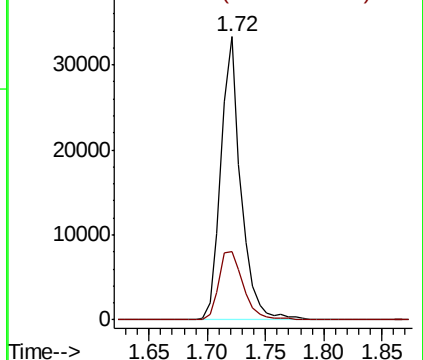
64 100

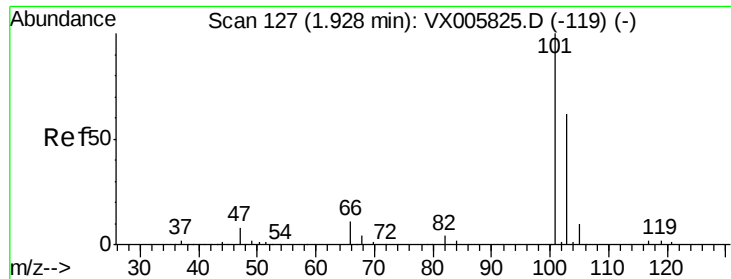
66 24.4 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



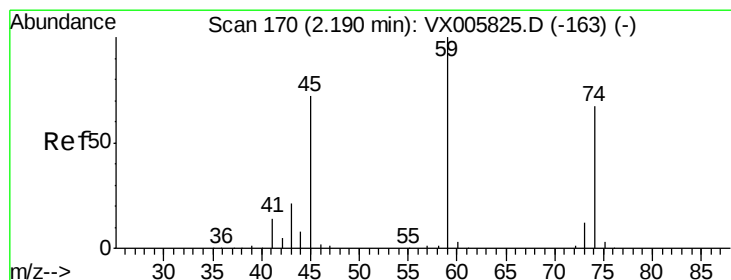
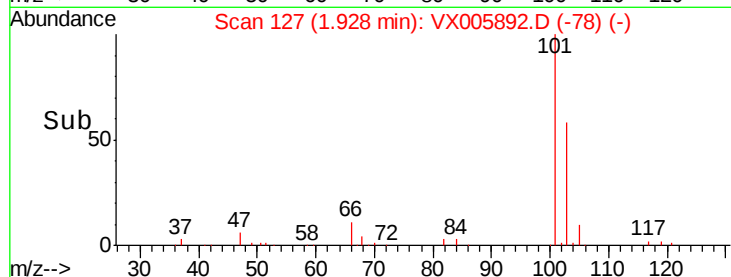
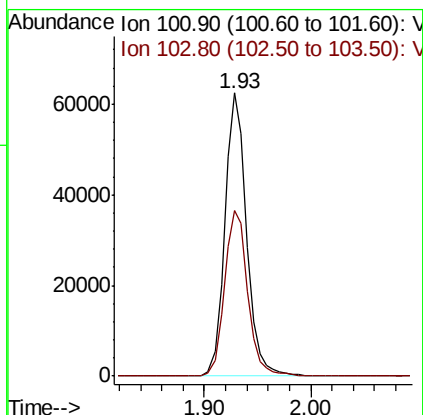
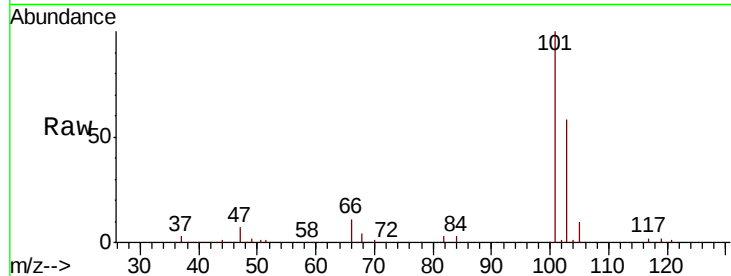


#7

Trichlorofluoromethane  
 Concen: 48.514 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. -0.00 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

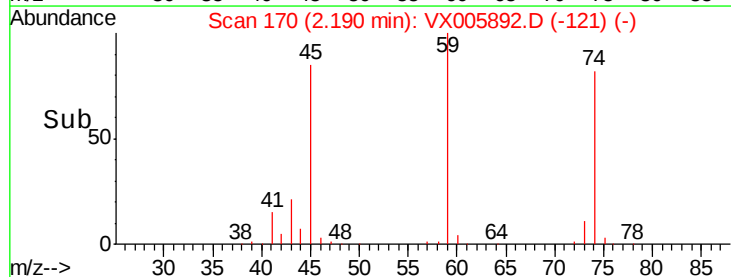
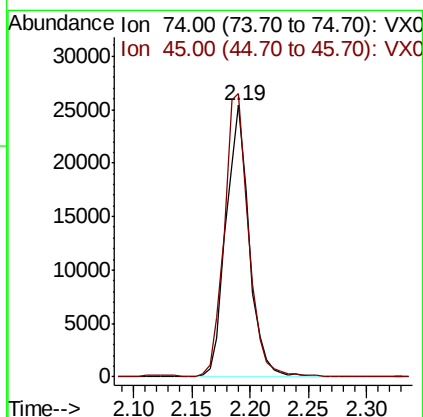
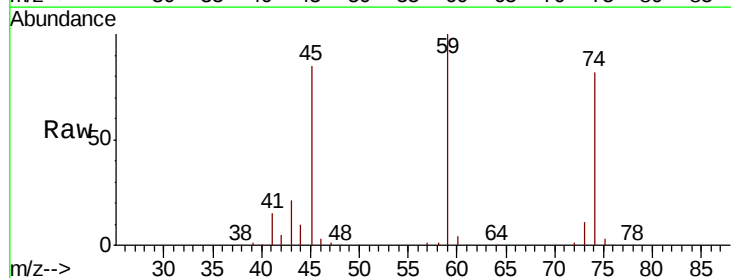
Tot Ion:101 Resp: 89005  
 Ion Ratio Lower Upper  
 101 100  
 103 58.4 50.0 75.0



#8

Diethyl Ether  
 Concen: 48.620 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

Tgt Ion: 74 Resp: 34952  
 Ion Ratio Lower Upper  
 74 100  
 45 108.7 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.761 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

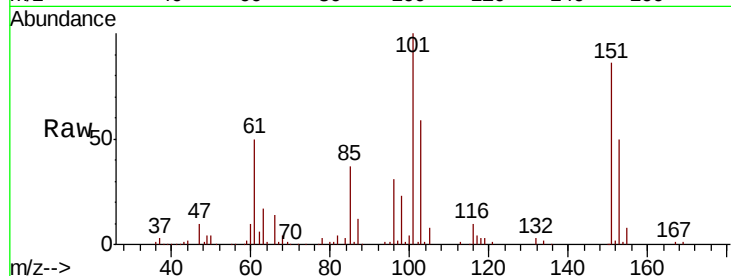
Tot Ion:101 Resp: 53561

Ion Ratio Lower Upper

101 100

85 42.8 35.0 52.4

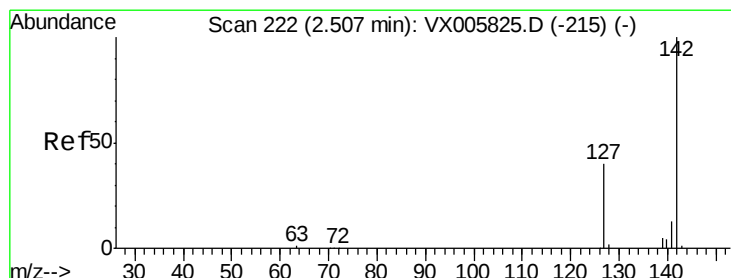
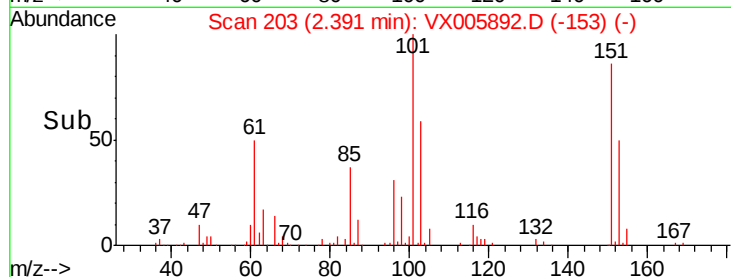
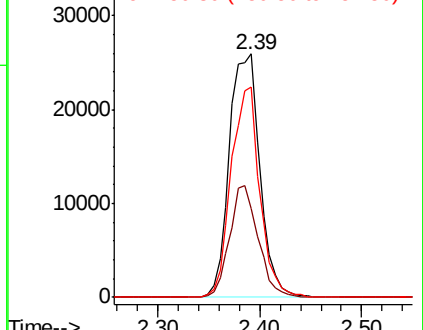
151 81.1 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.675 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

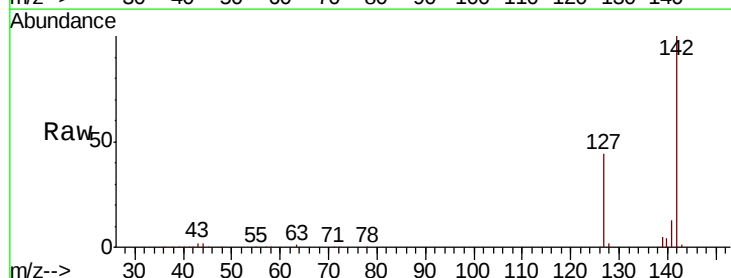
Tgt Ion:142 Resp: 59689

Ion Ratio Lower Upper

142 100

127 44.1 36.0 54.0

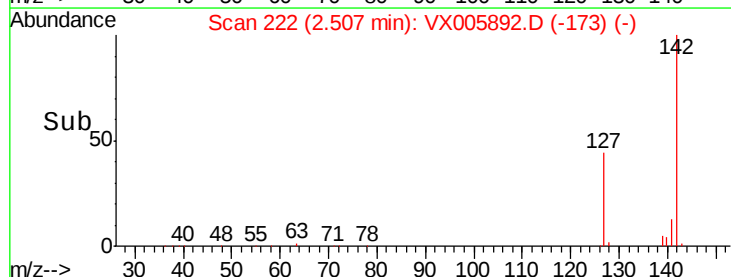
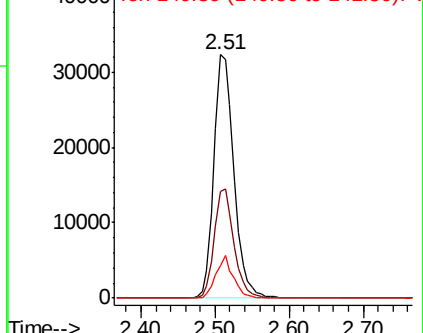
141 15.1 11.7 17.5

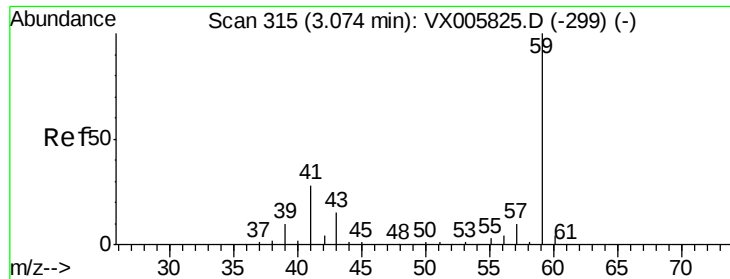


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

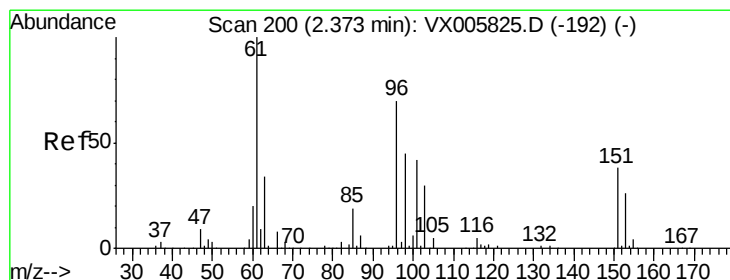
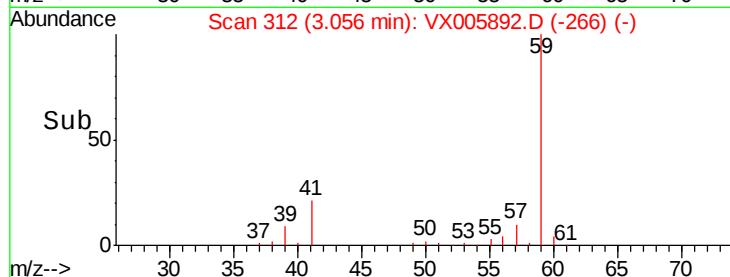
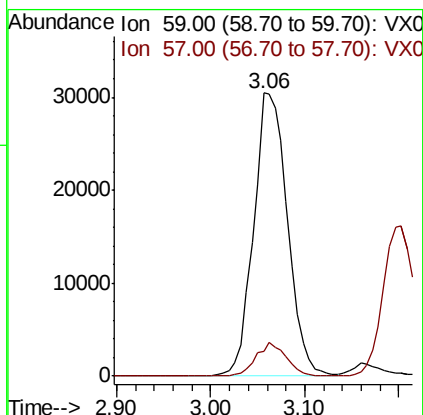
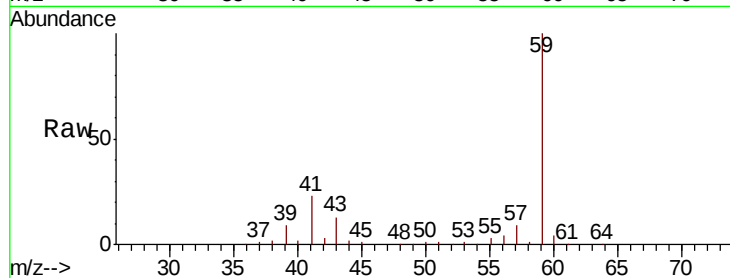




#11  
Tert butyl alcohol  
Concen: 200.528 ug/l  
RT: 3.06 min Scan# 312  
Delta R.T. -0.02 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

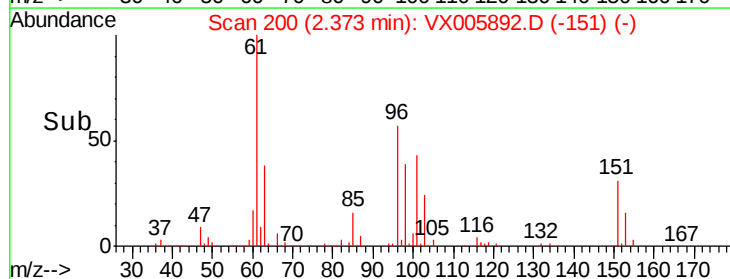
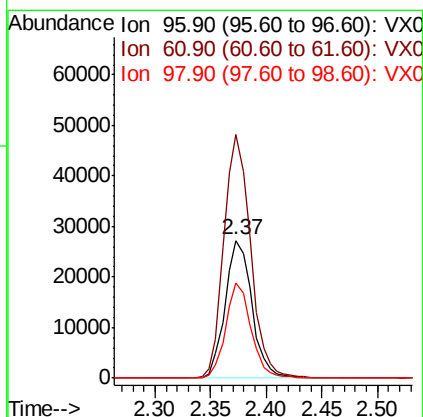
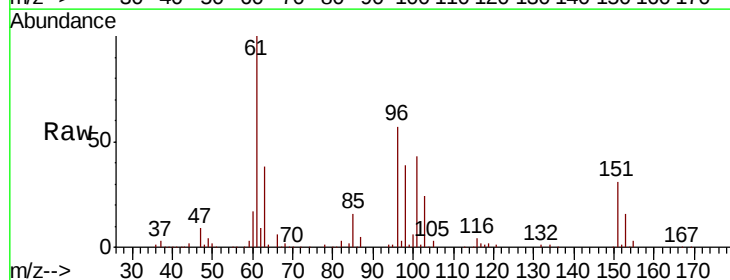
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

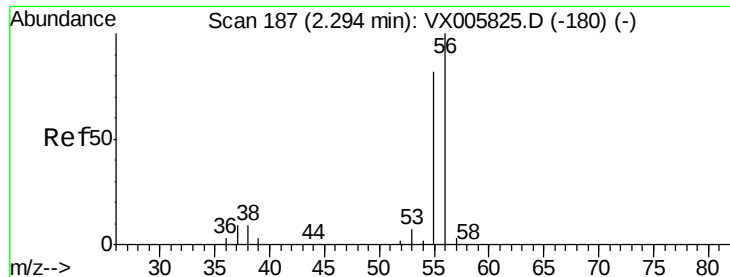
Tot Ion: 59 Resp: 76840  
Ion Ratio Lower Upper  
59 100  
57 10.7 8.5 12.7



#12  
1,1-Dichloroethene  
Concen: 44.295 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Tgt Ion: 96 Resp: 45555  
Ion Ratio Lower Upper  
96 100  
61 176.6 131.8 197.8  
98 69.4 53.4 80.2





#13

Acrolein

Concen: 165.801 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

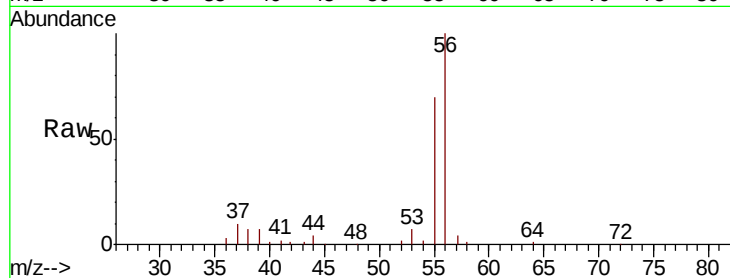
VSTDCCC050

Tot Ion: 56 Resp: 29016

Ion Ratio Lower Upper

56 100

55 72.7 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

15000

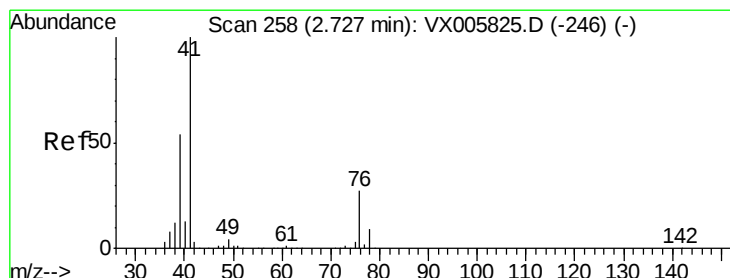
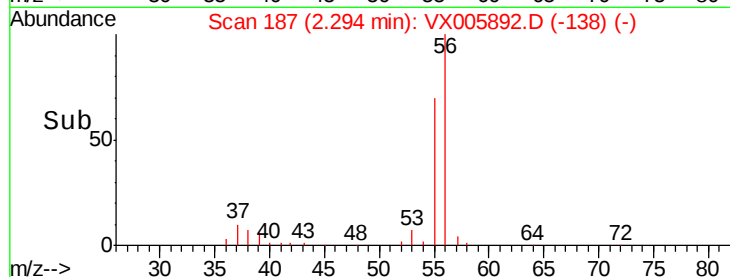
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 48.640 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

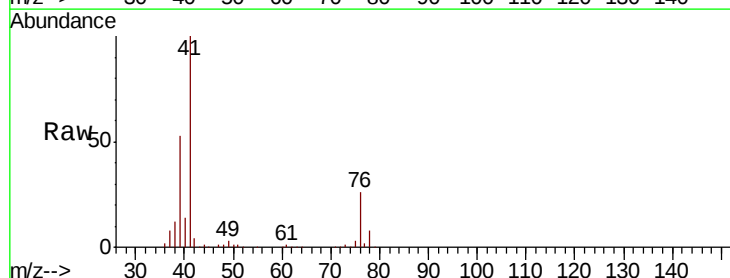
Tgt Ion: 41 Resp: 111723

Ion Ratio Lower Upper

41 100

39 56.6 48.2 72.4

76 26.6 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

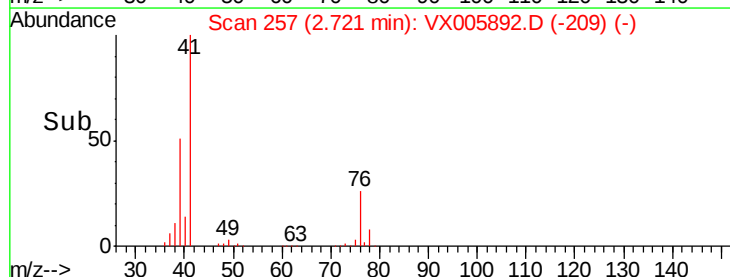
40000

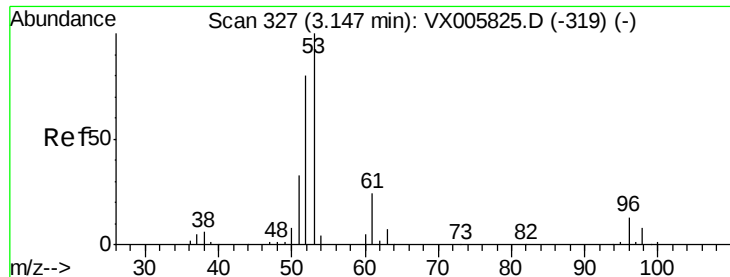
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 234.121 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

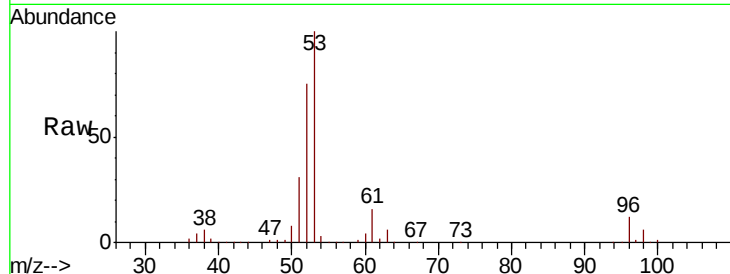
Tot Ion: 53 Resp: 185918

Ion Ratio Lower Upper

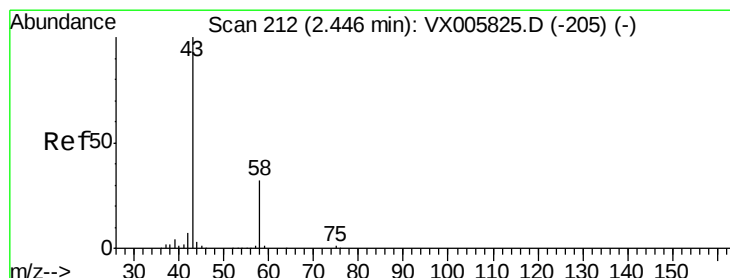
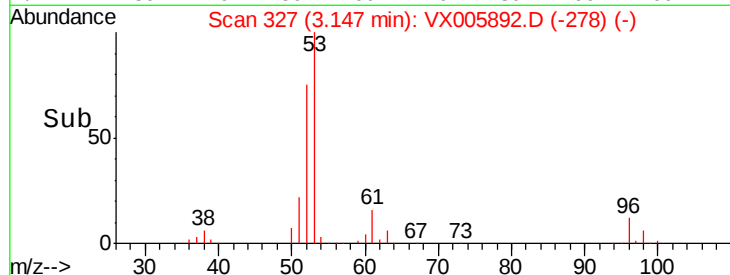
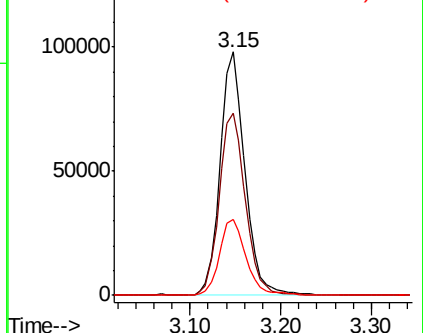
53 100

52 79.0 66.6 99.8

51 33.8 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0  
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 219.111 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005892.D

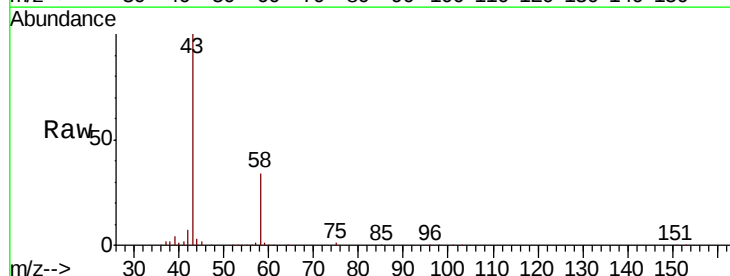
Acq: 12 Nov 2018 11:23

Tgt Ion: 43 Resp: 157808

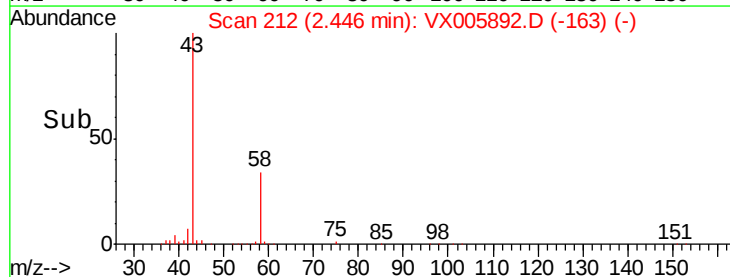
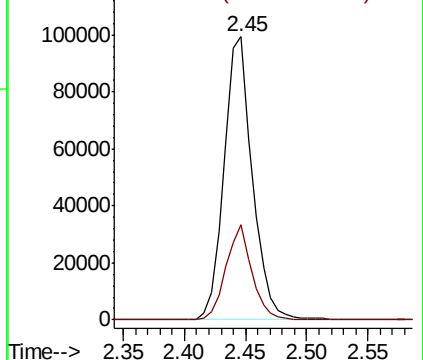
Ion Ratio Lower Upper

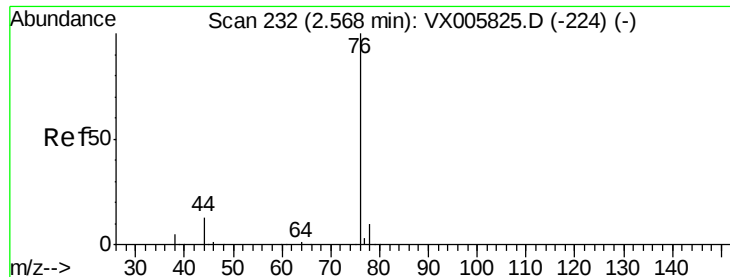
43 100

58 33.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.226 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

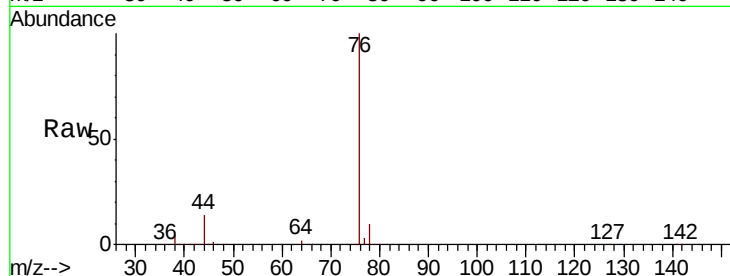
VSTDCCC050

Tot Ion: 76 Resp: 141803

Ion Ratio Lower Upper

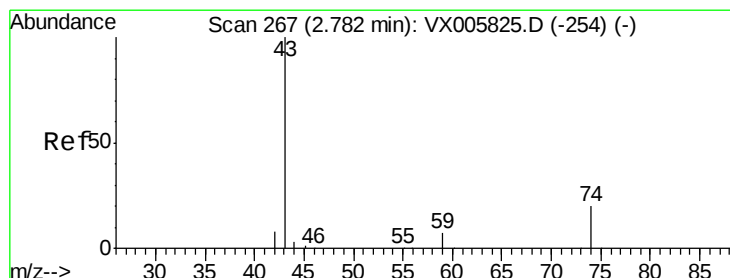
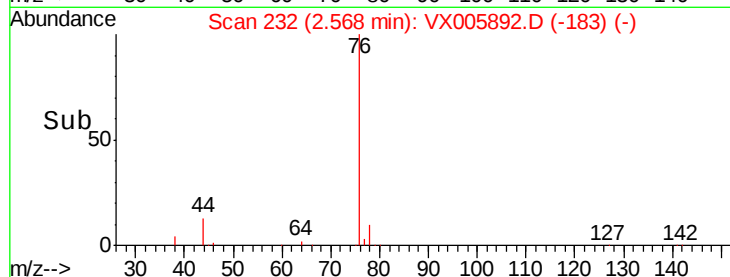
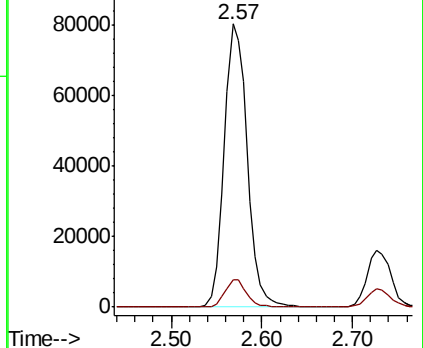
76 100

78 9.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.474 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005892.D

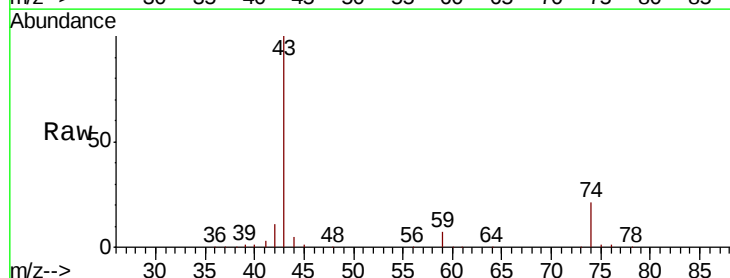
Acq: 12 Nov 2018 11:23

Tgt Ion: 43 Resp: 89901

Ion Ratio Lower Upper

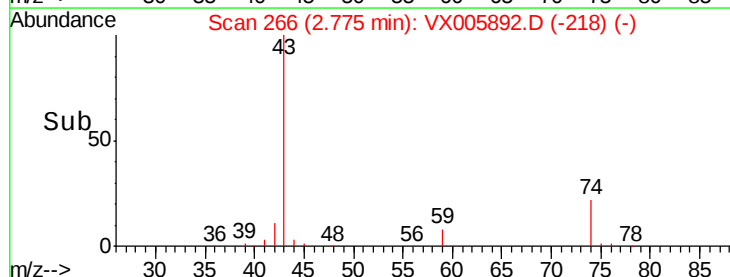
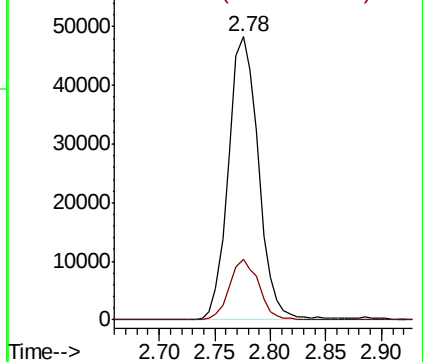
43 100

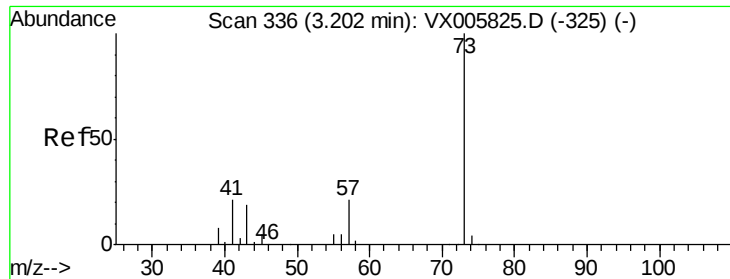
74 21.3 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

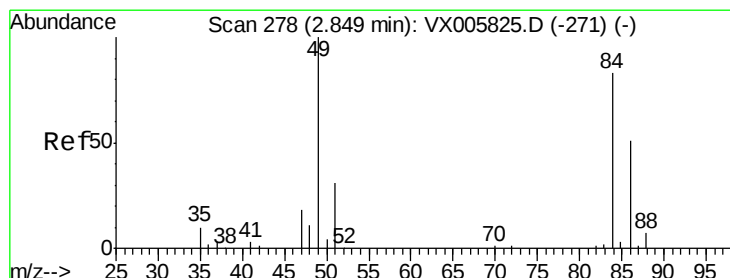
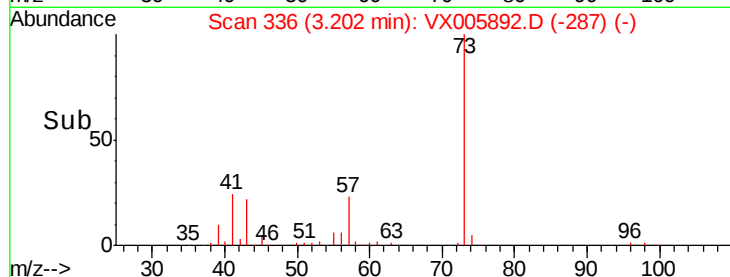
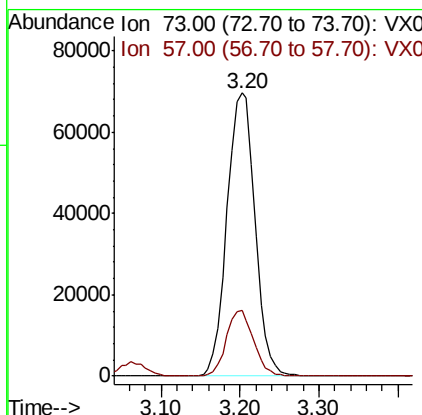
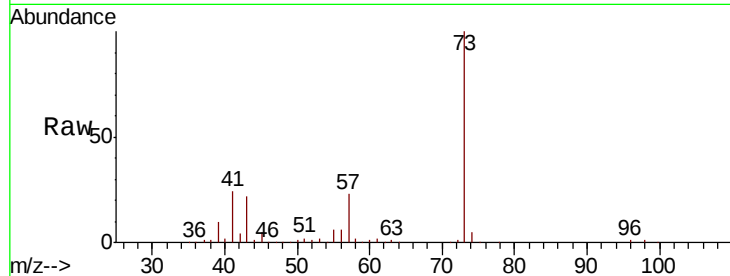




#19  
Methvl tert-butvl Ether  
Concen: 49.063 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

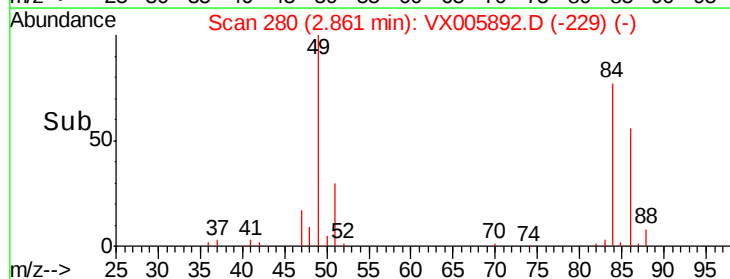
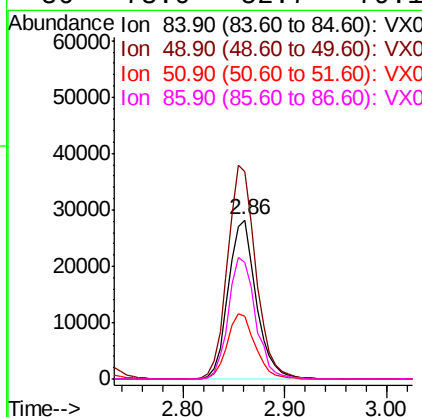
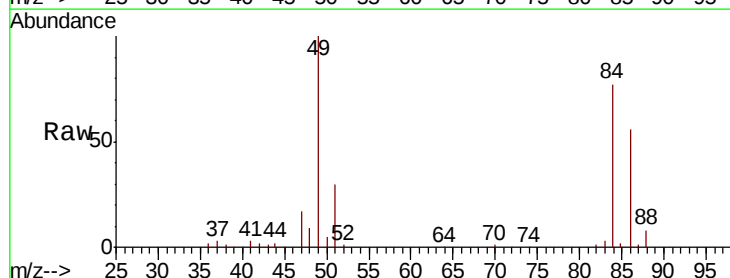
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 172217  
Ion Ratio Lower Upper  
73 100  
57 23.3 18.8 28.2



#20  
Methylene Chloride  
Concen: 44.907 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Tgt Ion: 84 Resp: 53128  
Ion Ratio Lower Upper  
84 100  
49 130.0 109.5 164.3  
51 39.5 33.3 49.9  
86 73.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 45.345 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

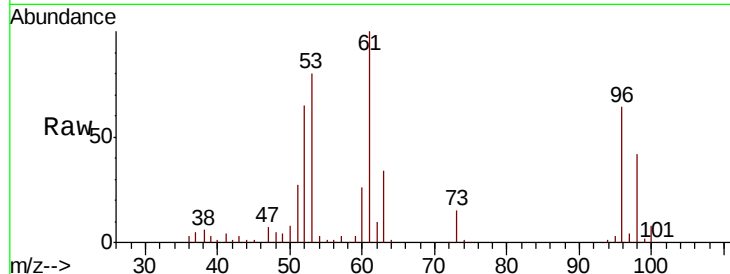
Tot Ion: 96 Resp: 49188

Ion Ratio Lower Upper

96 100

61 155.7 115.6 173.4

98 65.7 50.2 75.2

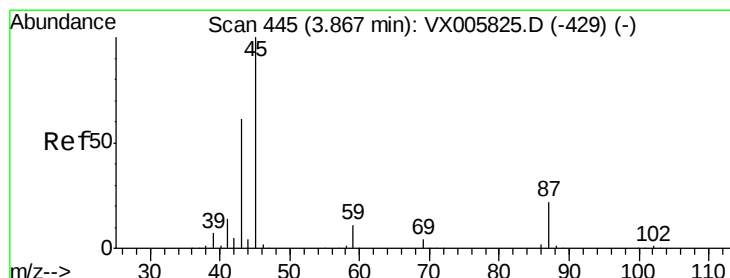
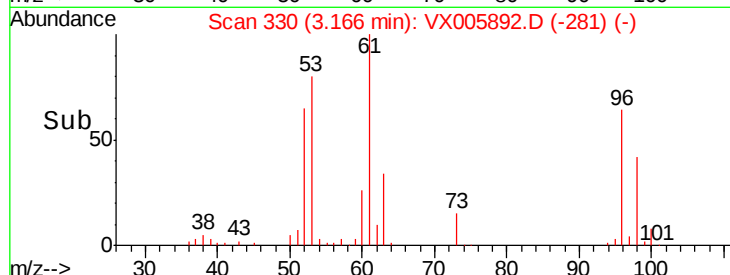
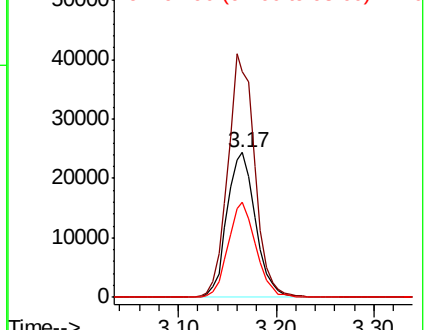


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 45.377 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Tgt Ion: 45 Resp: 182583

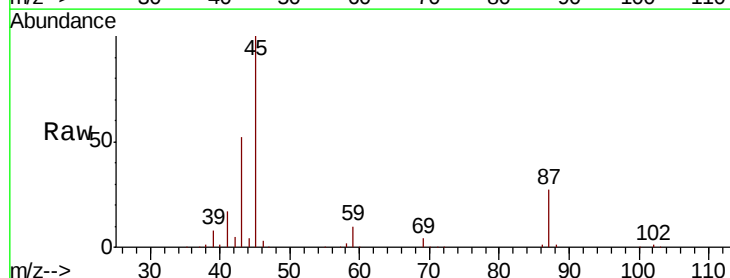
Ion Ratio Lower Upper

45 100

43 51.9 47.4 71.2

87 26.8 15.9 23.9#

59 10.5 7.7 11.5



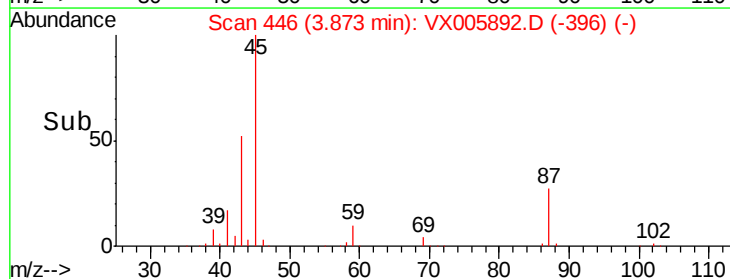
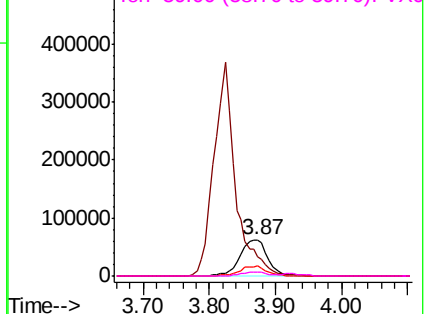
Abundance

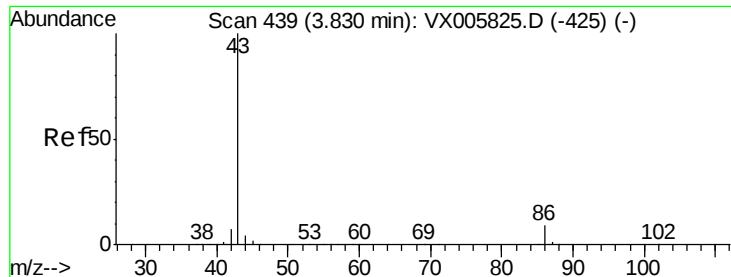
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 242.622 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

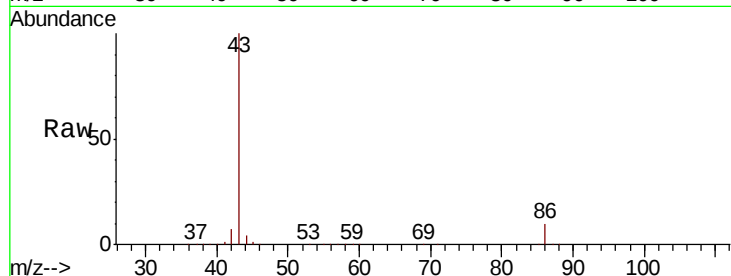
VSTDCCC050

Tot Ion: 43 Resp: 837041

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

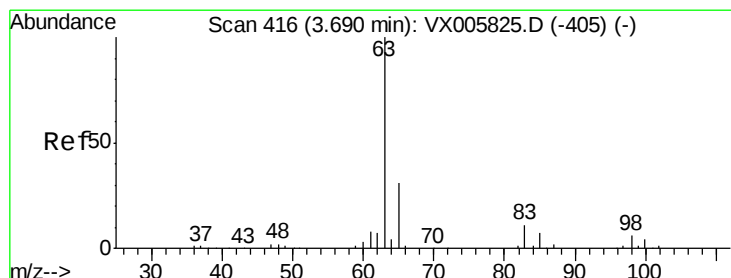
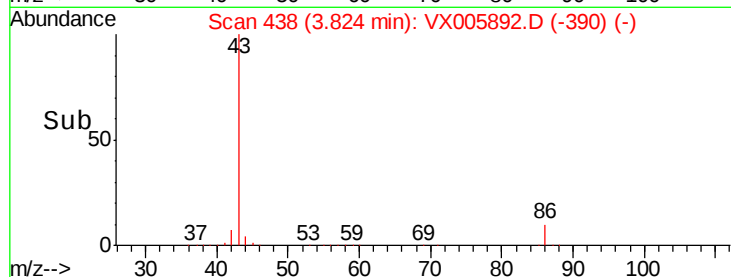
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 45.252 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

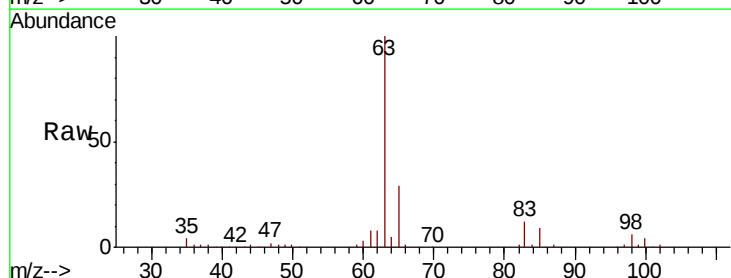
Tgt Ion: 63 Resp: 97144

Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

100 4.4 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

50000

40000

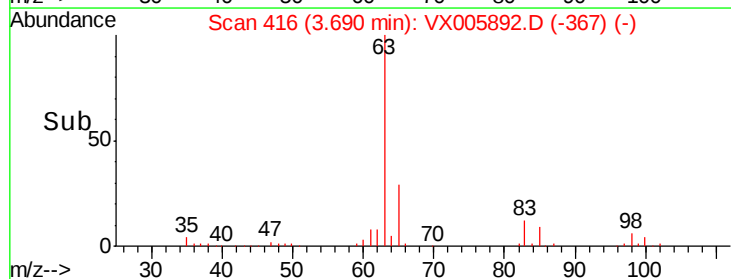
30000

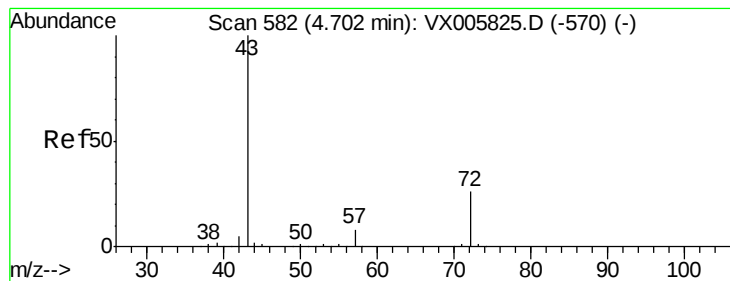
20000

10000

0

Time-->





#25

2-Butanone

Concen: 219.030 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

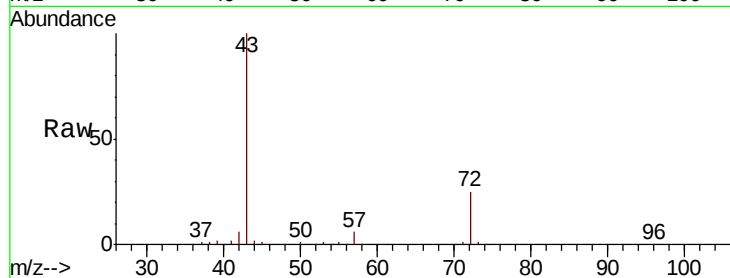
VSTDCCC050

Tot Ion: 43 Resp: 248008

Ion Ratio Lower Upper

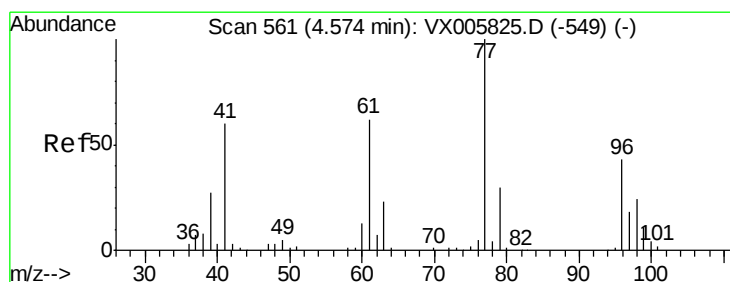
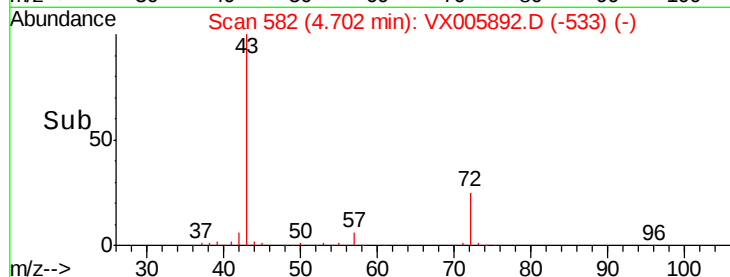
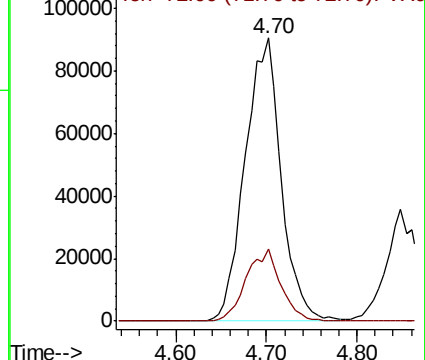
43 100

72 25.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.303 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005892.D

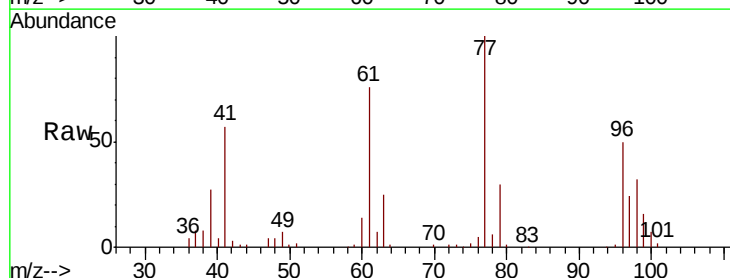
Acq: 12 Nov 2018 11:23

Tgt Ion: 77 Resp: 77639

Ion Ratio Lower Upper

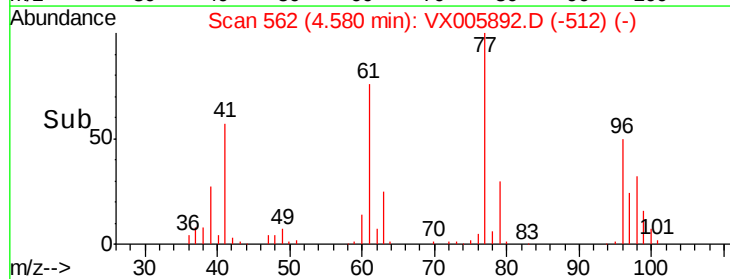
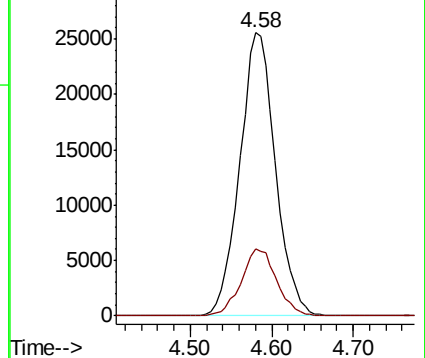
77 100

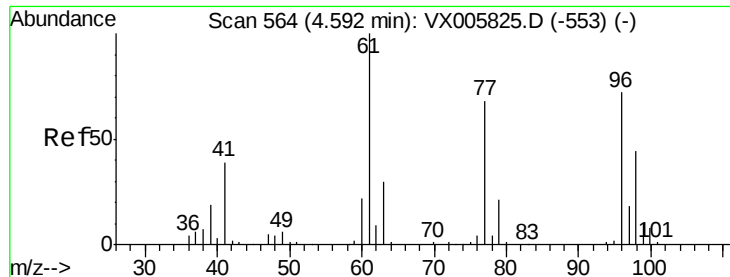
97 23.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



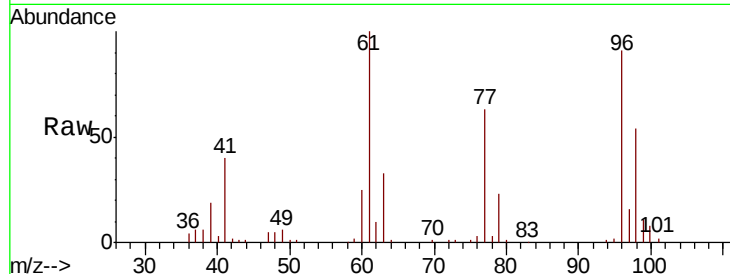


#27

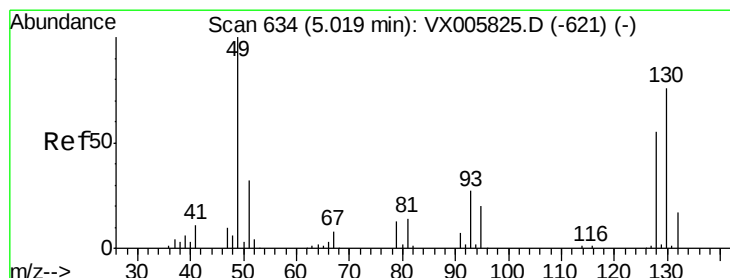
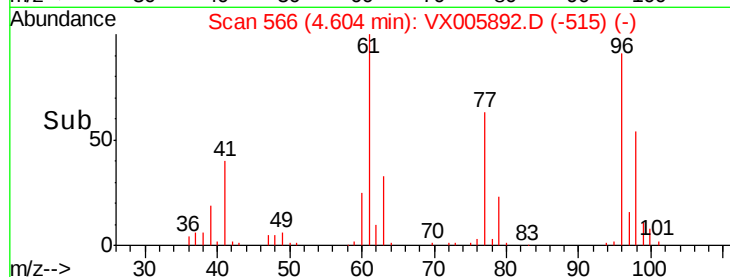
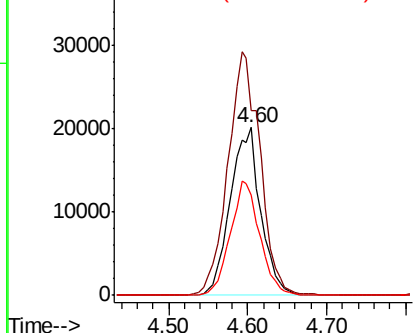
cis-1,2-Dichloroethene  
 Concen: 45.053 ug/l  
 RT: 4.60 min Scan# 566  
 Delta R.T. 0.01 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 96 Resp: 53963  
 Ion Ratio Lower Upper  
 96 100  
 61 153.9 0.0 304.6  
 98 66.1 0.0 127.4



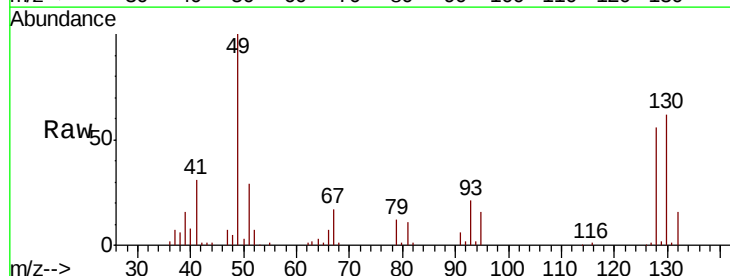
Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0



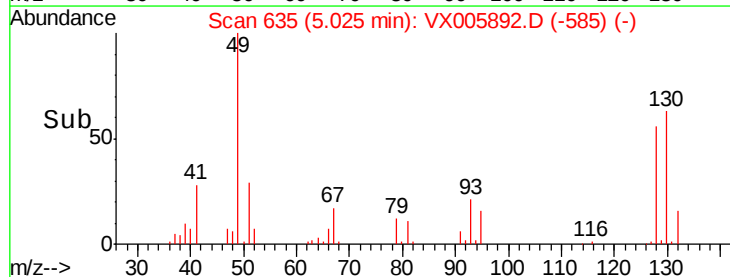
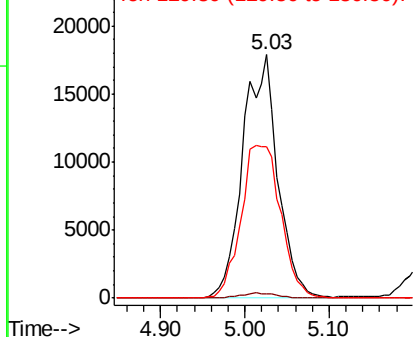
#28

Bromochloromethane  
 Concen: 52.579 ug/l  
 RT: 5.03 min Scan# 635  
 Delta R.T. 0.01 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

Tgt Ion: 49 Resp: 50445  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 4.0  
 130 70.9 58.9 88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0  
 Ion 128.80 (128.50 to 129.50): V  
 Ion 129.80 (129.50 to 130.50): V

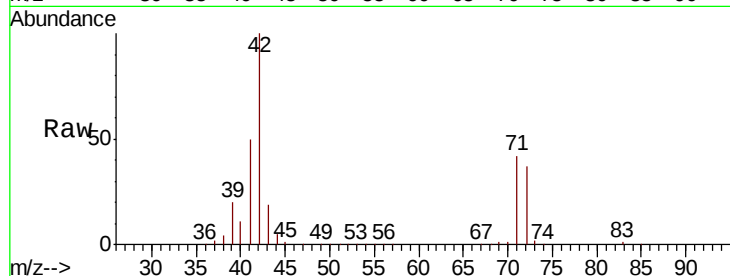




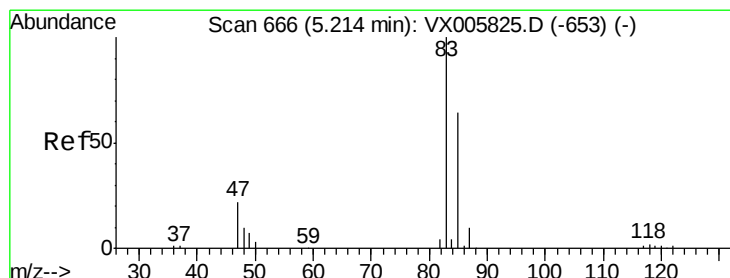
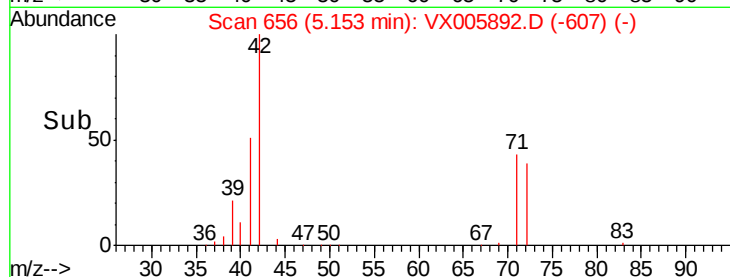
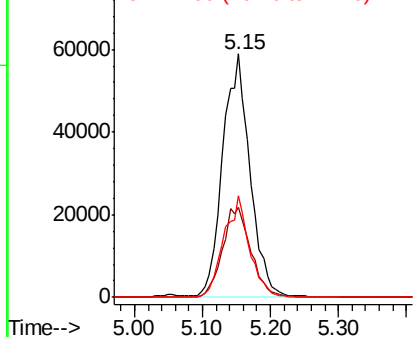
#29  
Tetrahydrofuran  
Concen: 224.007 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 42 Resp: 162858  
Ion Ratio Lower Upper  
42 100  
72 38.7 32.0 48.0  
71 39.2 29.8 44.8

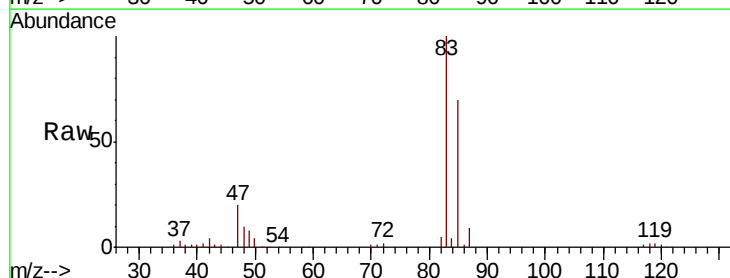


Abundance Ion 42.00 (41.70 to 42.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0  
Ion 71.00 (70.70 to 71.70): VX0

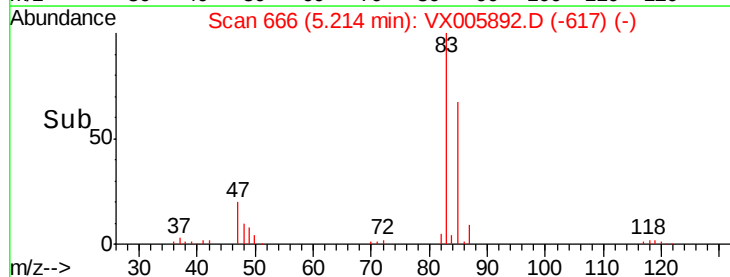
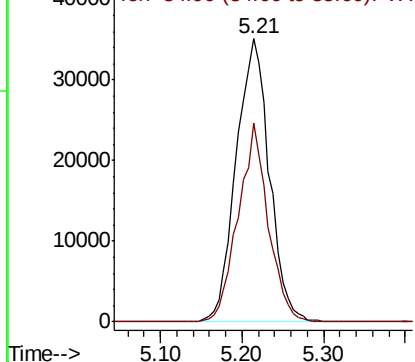


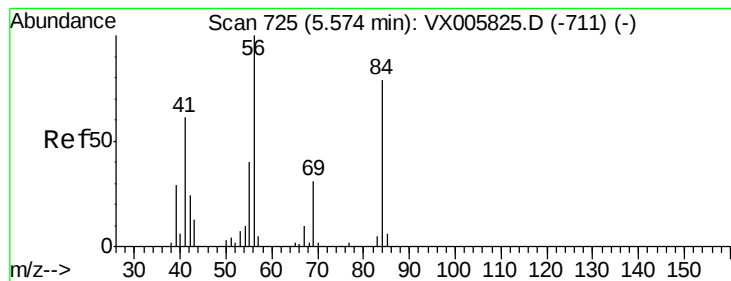
#30  
Chloroform  
Concen: 47.804 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Tgt Ion: 83 Resp: 99007  
Ion Ratio Lower Upper  
83 100  
85 70.2 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0





#31

Cvclohexane

Concen: 44.852 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

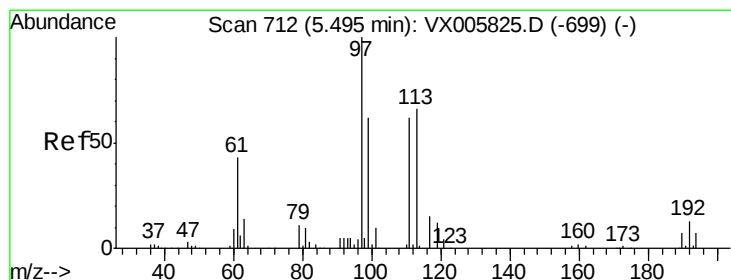
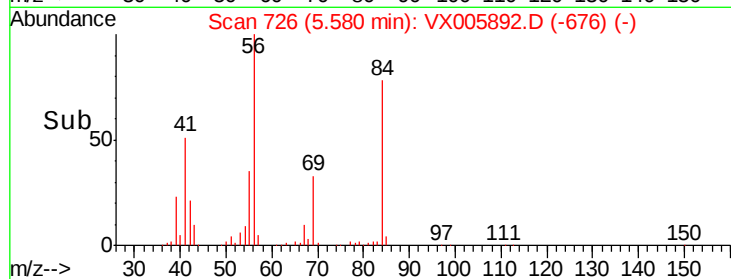
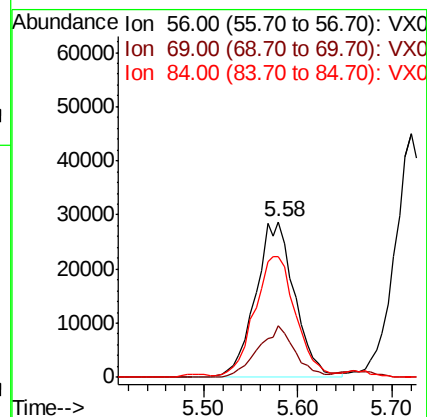
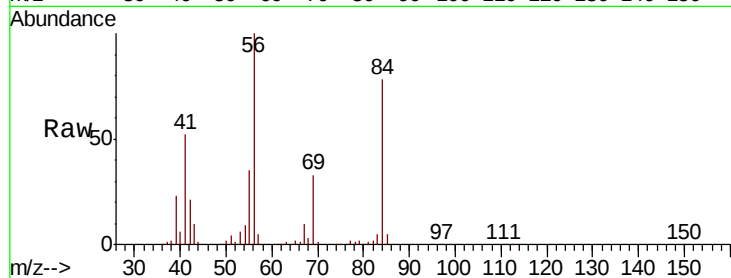
Tot Ion: 56 Resp: 83580

Ion Ratio Lower Upper

56 100

69 33.0 22.6 34.0

84 76.4 62.7 94.1



#32

1,1,1-Trichloroethane

Concen: 47.492 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

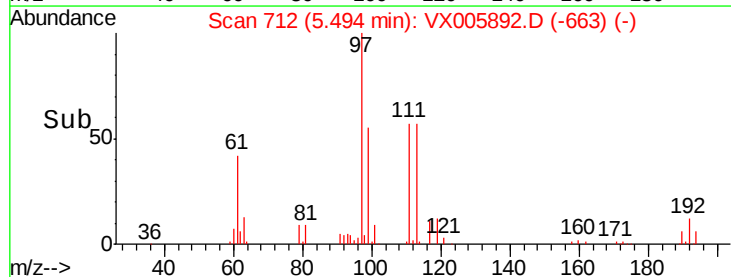
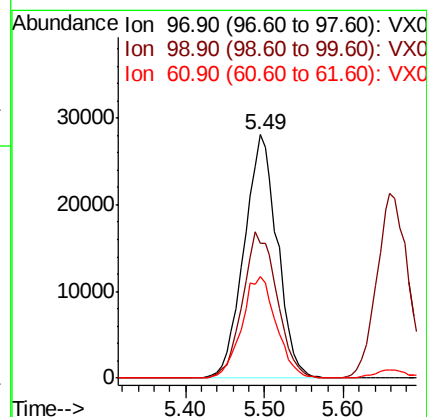
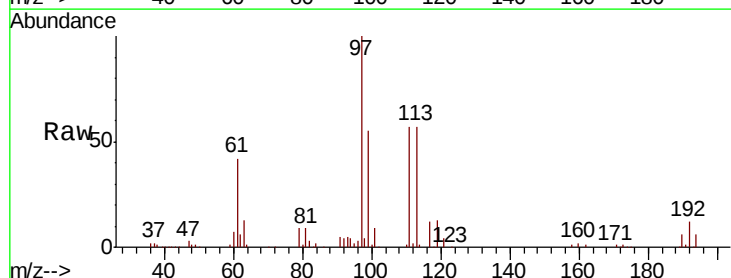
Tgt Ion: 97 Resp: 82043

Ion Ratio Lower Upper

97 100

99 62.5 52.3 78.5

61 43.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.857 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

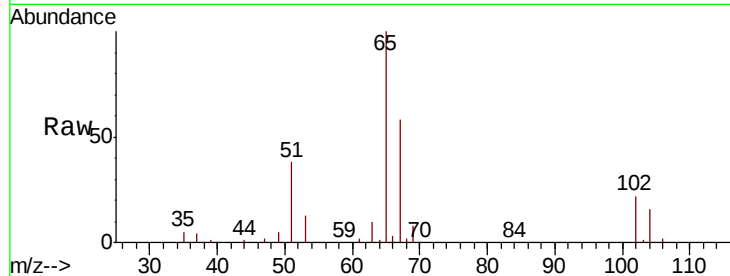
VSTDCCC050

Tot Ion: 65 Resp: 60003

Ion Ratio Lower Upper

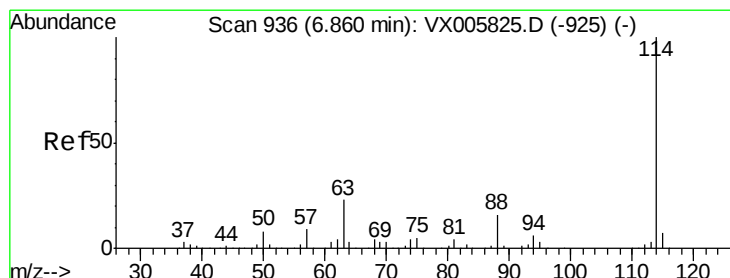
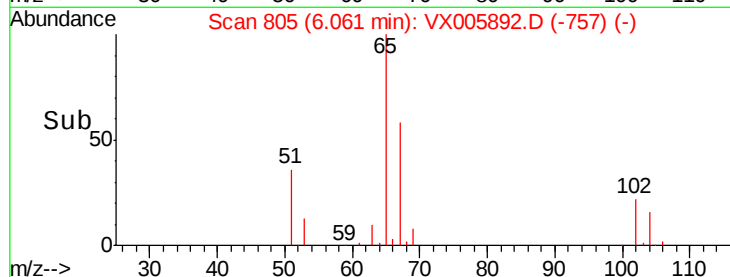
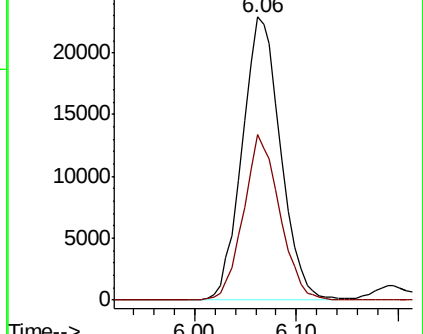
65 100

67 55.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

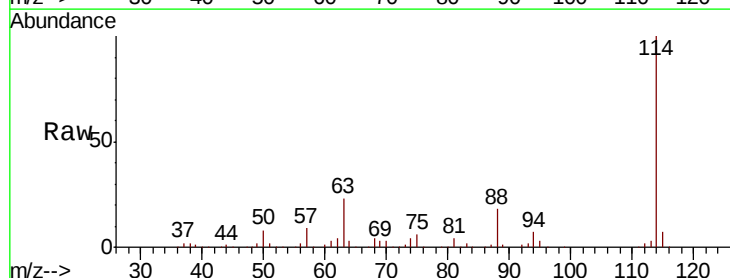
Tgt Ion: 114 Resp: 153125

Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.8

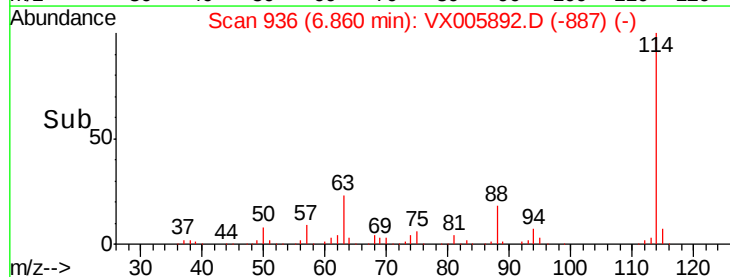
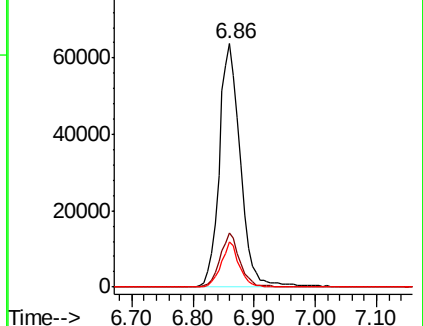
88 18.4 0.0 31.2

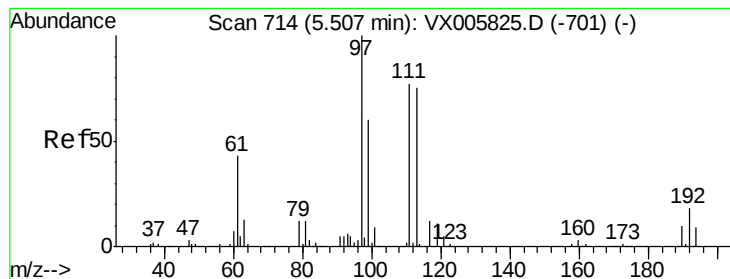


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.763 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

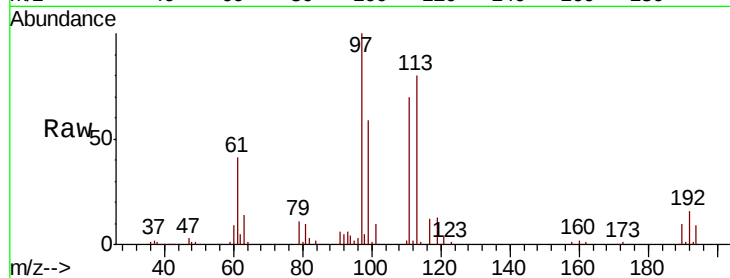
Tot Ion:113 Resp: 51827

Ion Ratio Lower Upper

113 100

111 100.6 82.3 123.5

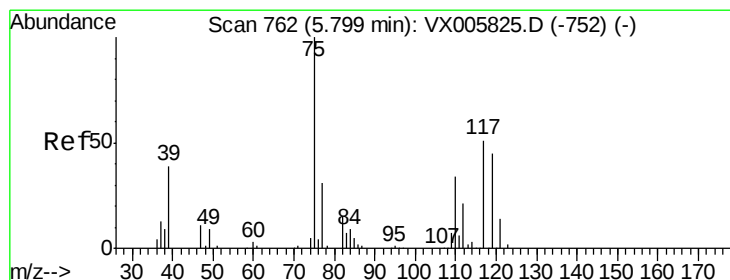
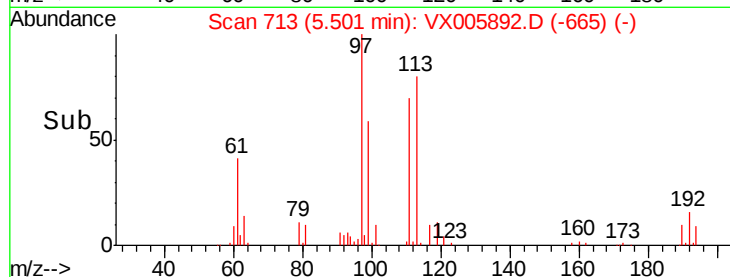
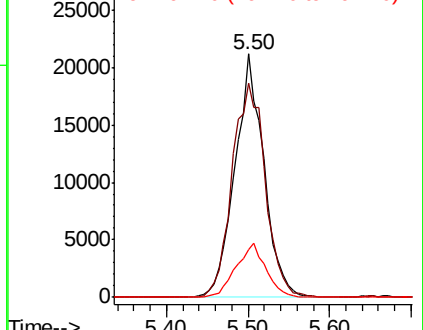
192 22.9 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.038 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

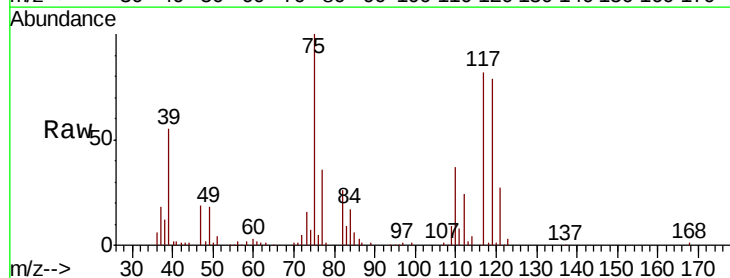
Tgt Ion: 75 Resp: 69435

Ion Ratio Lower Upper

75 100

110 36.4 17.4 52.2

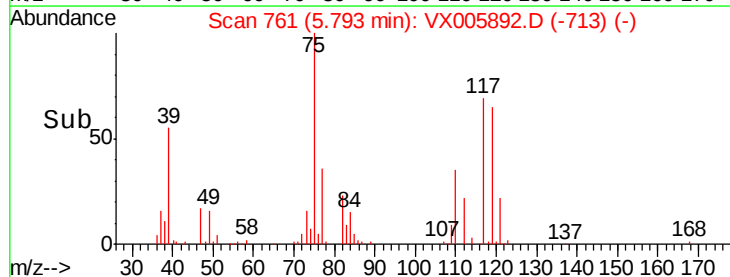
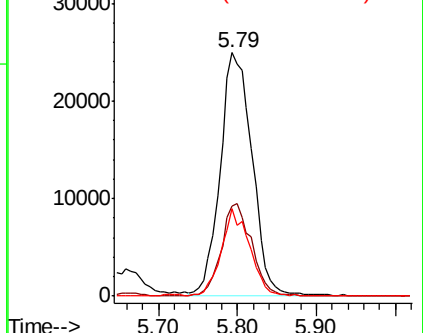
77 32.2 25.8 38.6

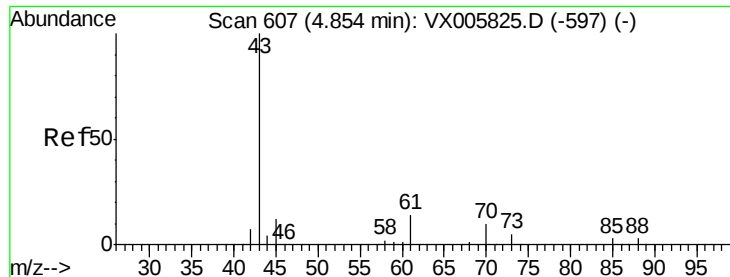


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

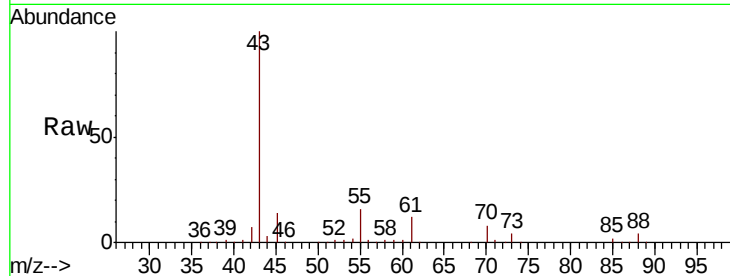




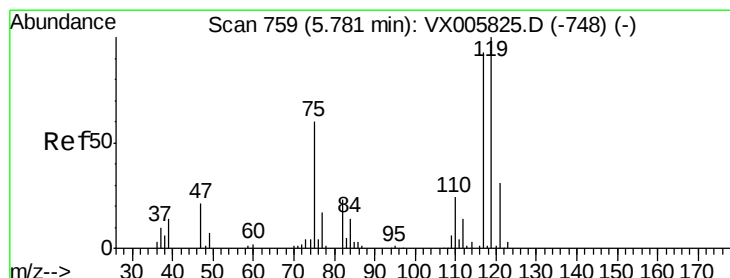
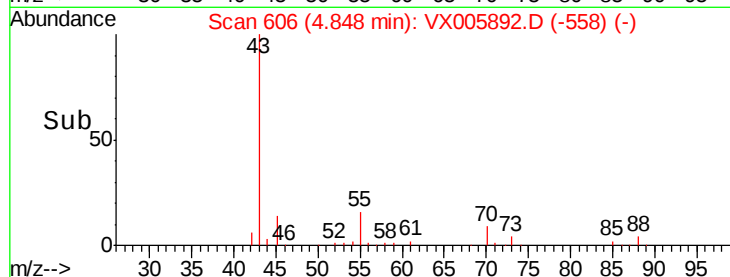
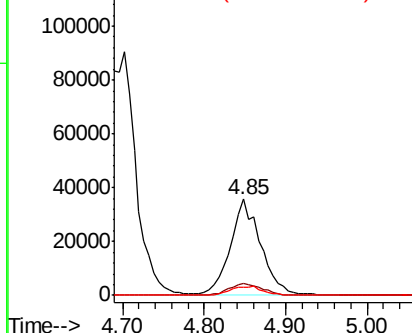
#37  
Ethyl Acetate  
Concen: 47.138 ug/l  
RT: 4.85 min Scan# 606  
Delta R.T. -0.01 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 91504  
Ion Ratio Lower Upper  
43 100  
61 13.8 10.8 16.2  
70 10.2 7.8 11.8

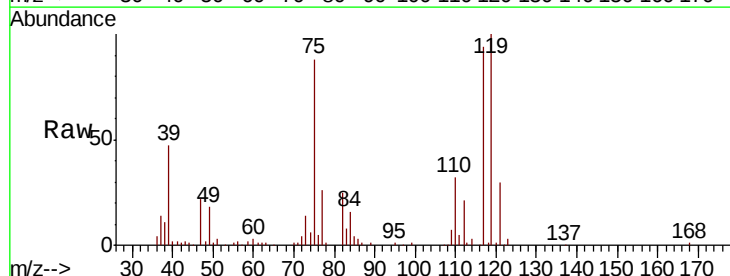


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0

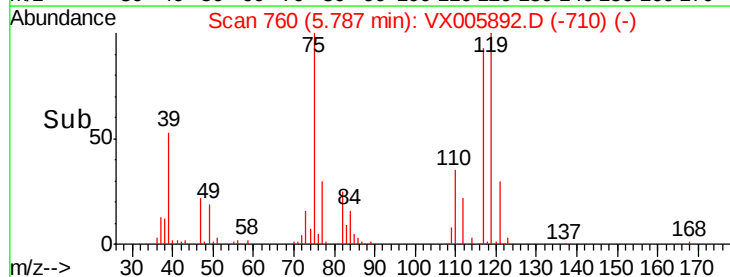
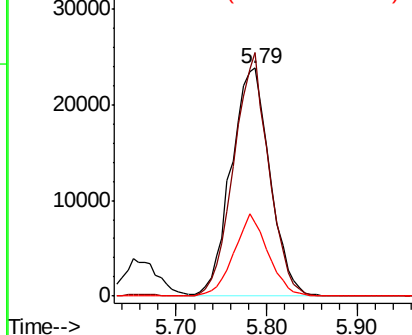


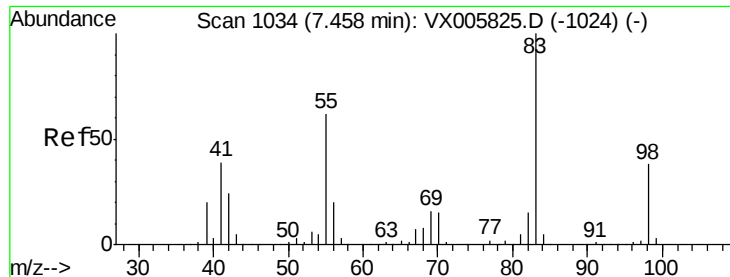
#38  
Carbon Tetrachloride  
Concen: 47.969 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. 0.01 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Tgt Ion: 117 Resp: 70889  
Ion Ratio Lower Upper  
117 100  
119 106.9 78.1 117.1  
121 32.1 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

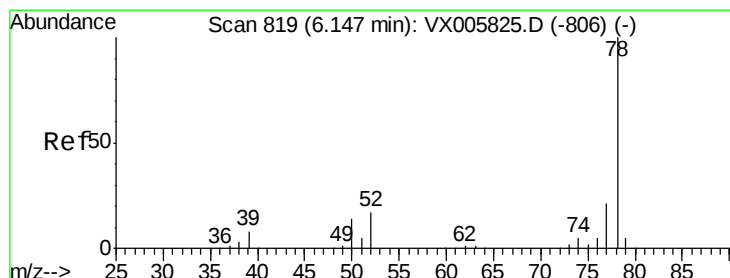
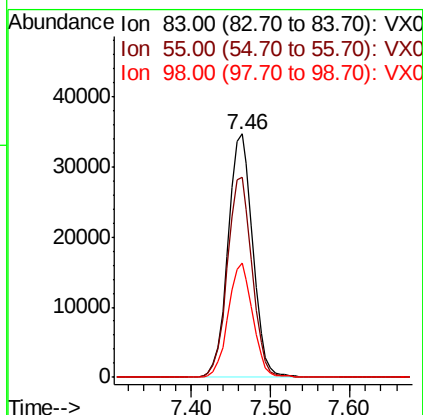
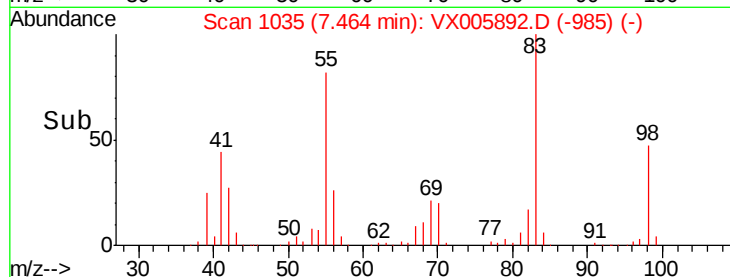
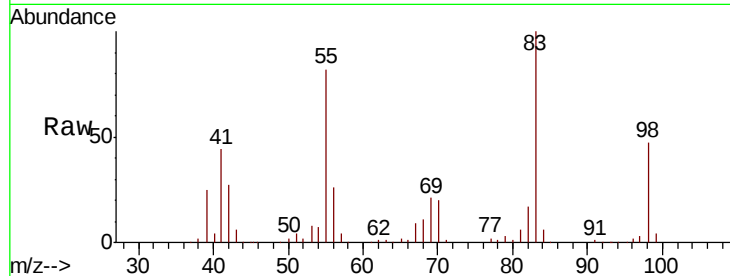




#39  
Methvlcvclohexane  
Concen: 50.485 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.01 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

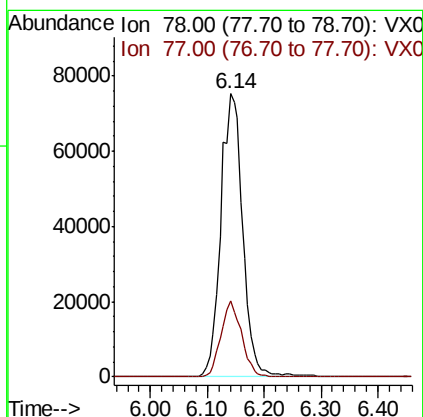
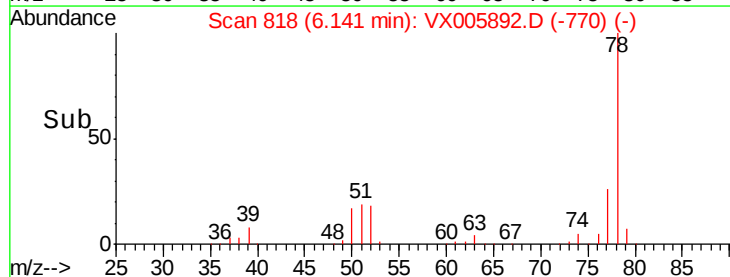
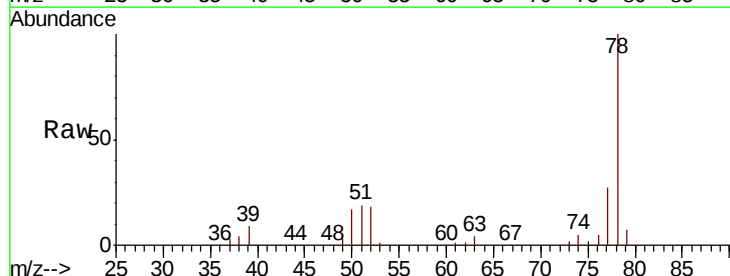
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

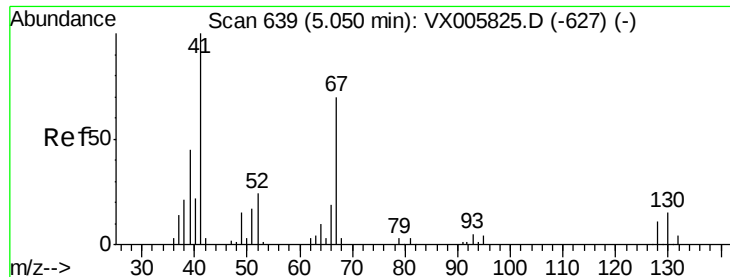
Tot Ion: 83 Resp: 75533  
Ion Ratio Lower Upper  
83 100  
55 82.2 63.7 95.5  
98 47.0 36.2 54.2



#40  
Benzene  
Concen: 46.961 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Tgt Ion: 78 Resp: 202090  
Ion Ratio Lower Upper  
78 100  
77 26.8 18.4 27.6

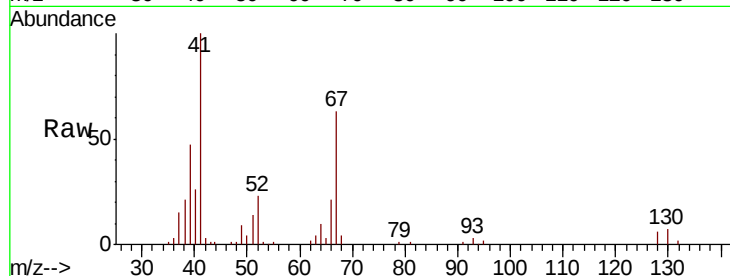




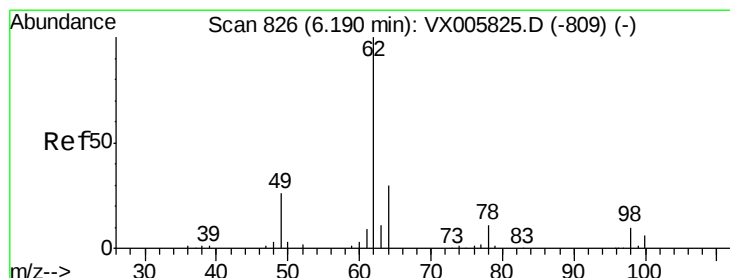
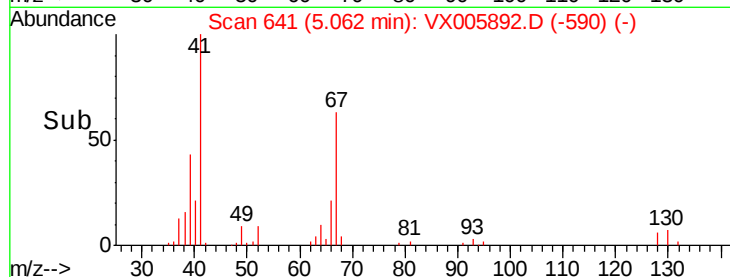
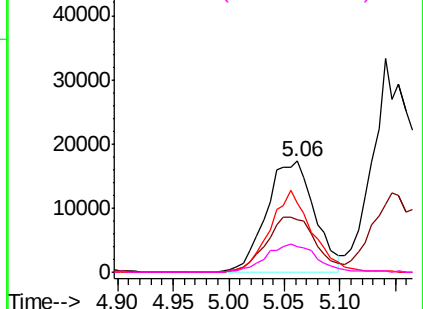
#41  
Methacrylonitrile  
Concen: 49.677 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. 0.01 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 52107 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.4  | 42.2  | 63.2  |
| 67       | 64.8  | 53.4  | 80.0  |
| 52       | 27.2  | 23.4  | 35.2  |

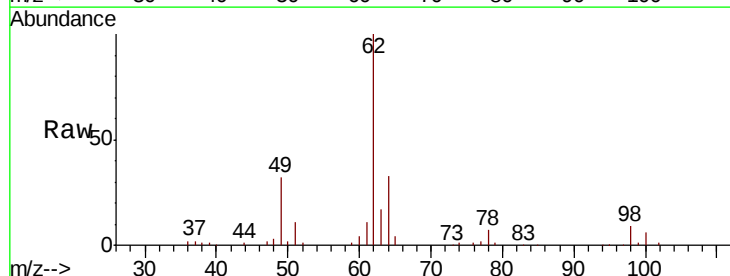


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

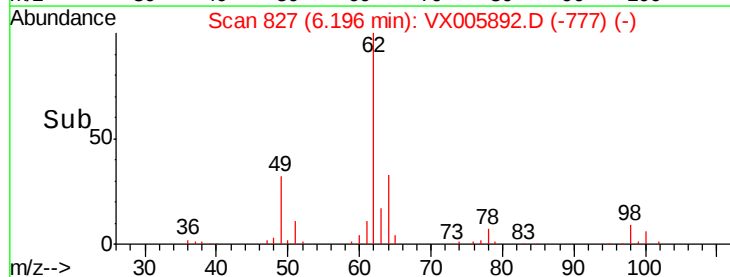
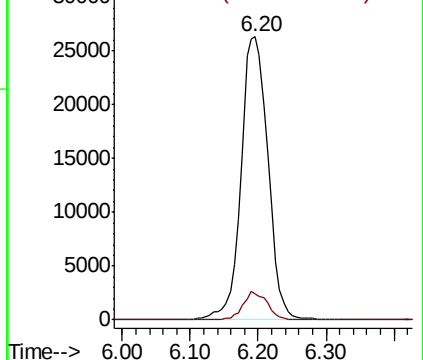


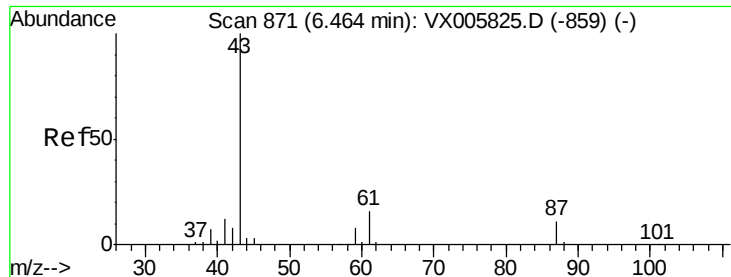
#42  
1,2-Dichloroethane  
Concen: 46.826 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.01 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 72176 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.0   | 0.0   | 17.8  |



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 44.015 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

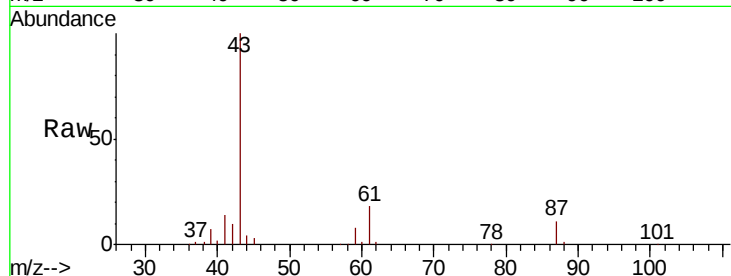
Tot Ion: 43 Resp: 123806

Ion Ratio Lower Upper

43 100

61 19.0 14.6 22.0

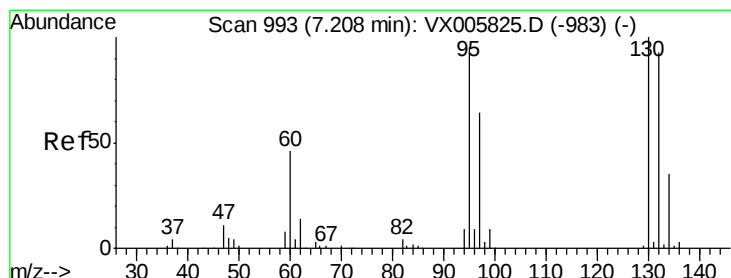
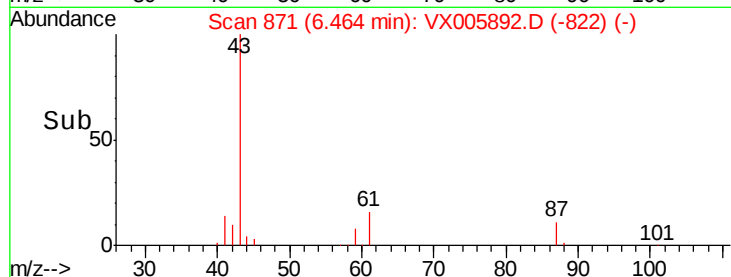
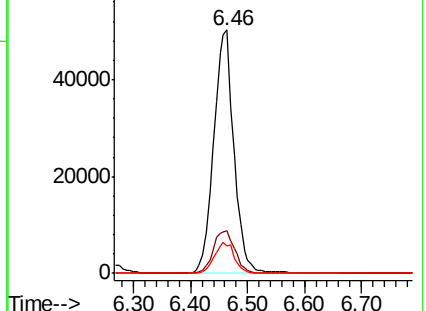
87 12.5 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.615 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005892.D

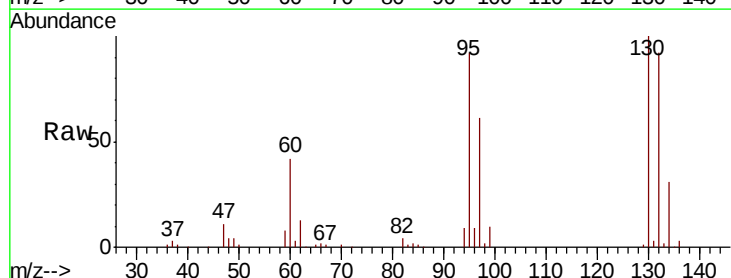
Acq: 12 Nov 2018 11:23

Tgt Ion:130 Resp: 52036

Ion Ratio Lower Upper

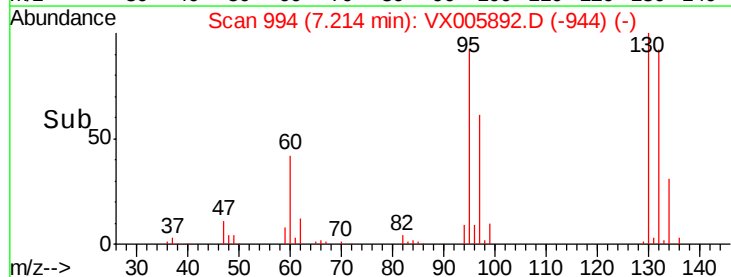
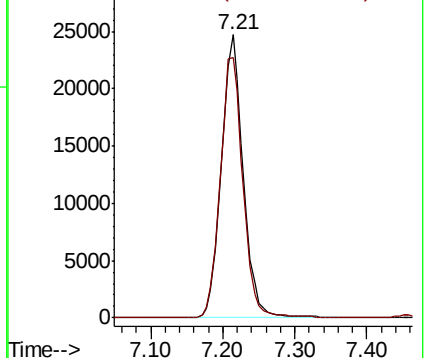
130 100

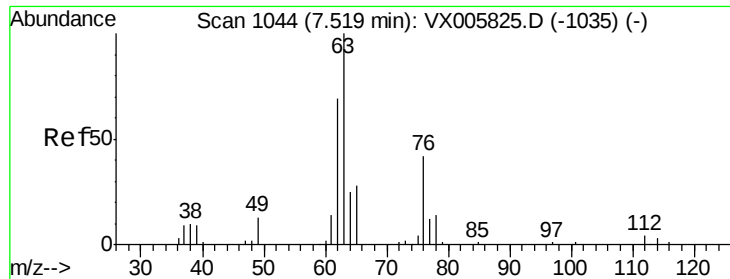
95 92.1 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.368 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

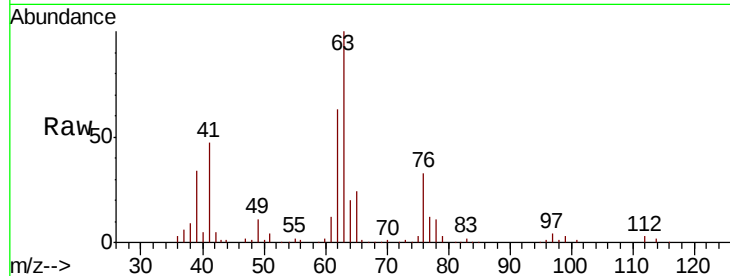
VSTDCCC050

Tot Ion: 63 Resp: 52609

Ion Ratio Lower Upper

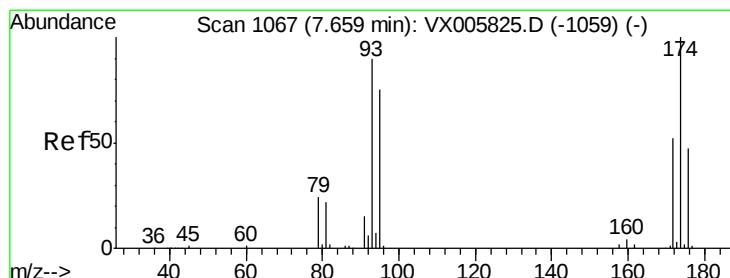
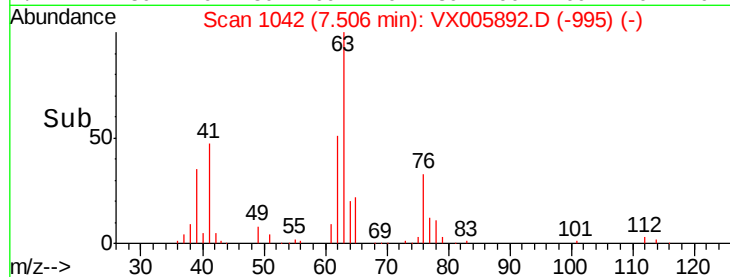
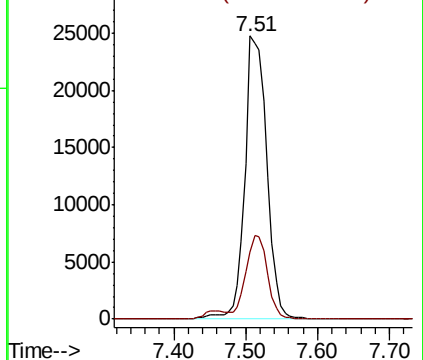
63 100

65 23.7 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.790 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

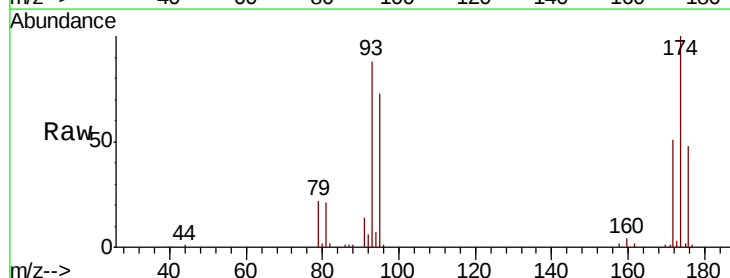
Tgt Ion: 93 Resp: 32634

Ion Ratio Lower Upper

93 100

95 83.5 67.4 101.0

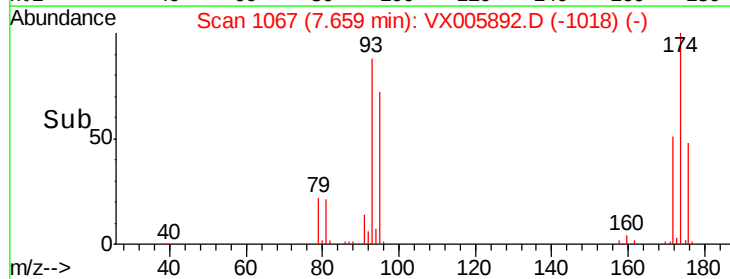
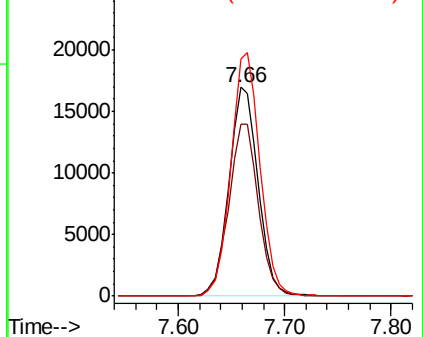
174 116.2 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.103 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

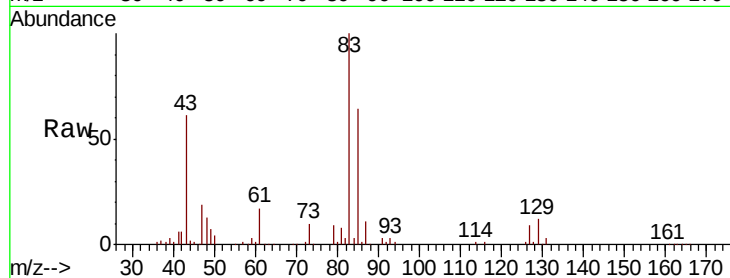
Tot Ion: 83 Resp: 64539

Ion Ratio Lower Upper

83 100

85 64.2 50.2 75.4

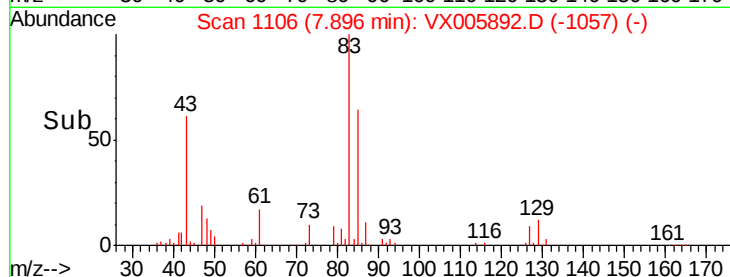
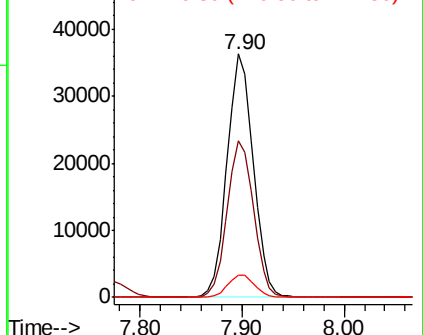
127 9.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.365 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

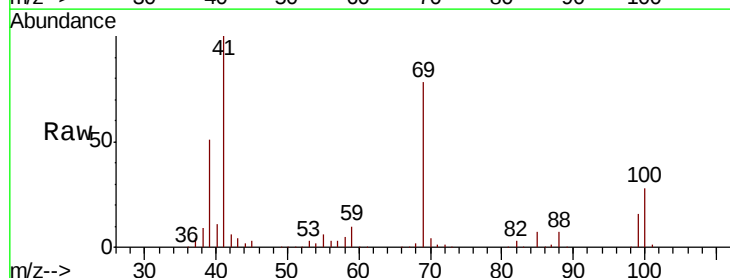
Tgt Ion: 41 Resp: 63611

Ion Ratio Lower Upper

41 100

69 77.3 63.2 94.8

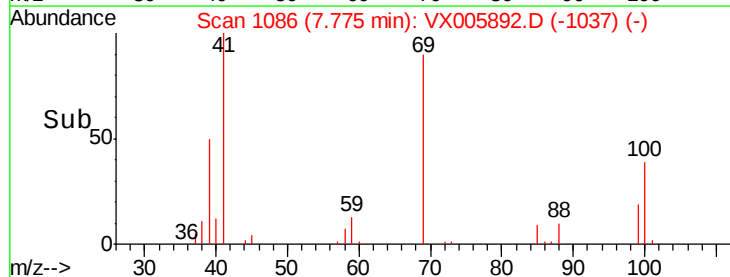
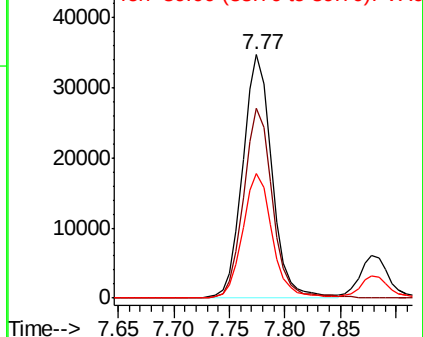
39 51.6 42.2 63.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

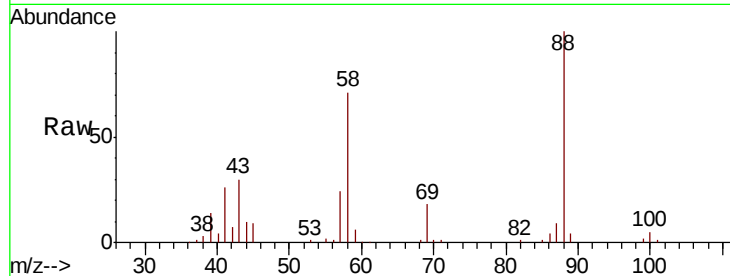




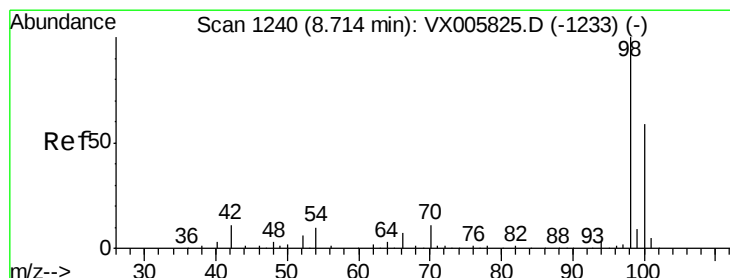
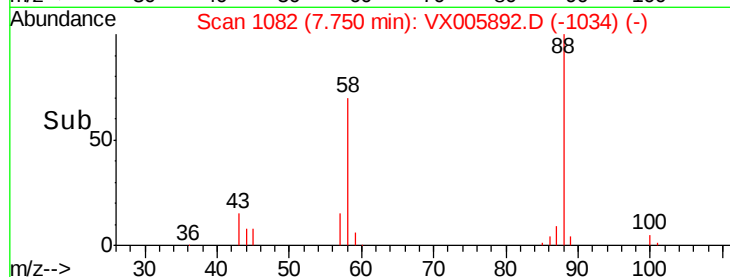
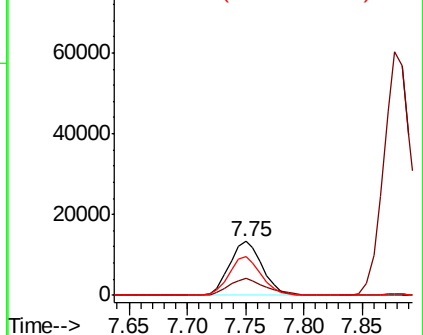
#49  
1,4-Dioxane  
Concen: 955.253 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. -0.01 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 88 Resp: 25998  
Ion Ratio Lower Upper  
88 100  
43 35.7 27.4 41.0  
58 71.5 59.4 89.2

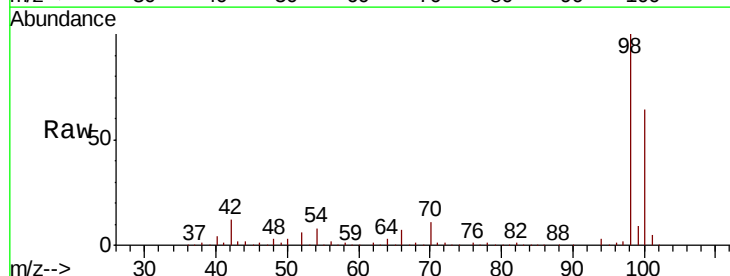


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

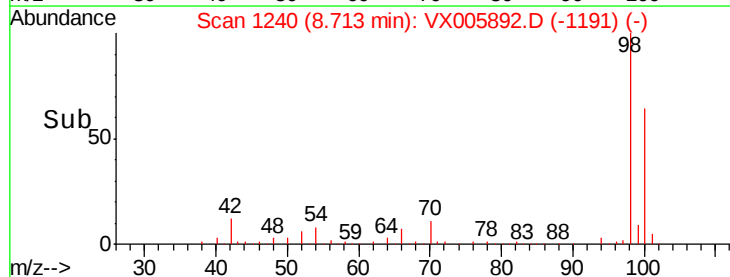
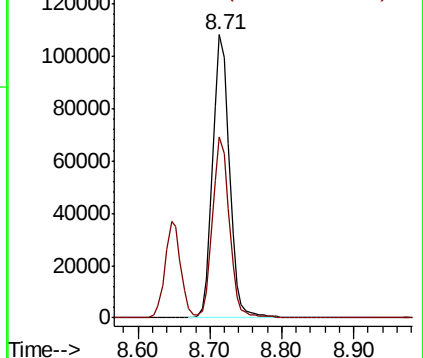


#50  
Toluene-d8  
Concen: 50.742 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Tgt Ion: 98 Resp: 175694  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 238.656 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

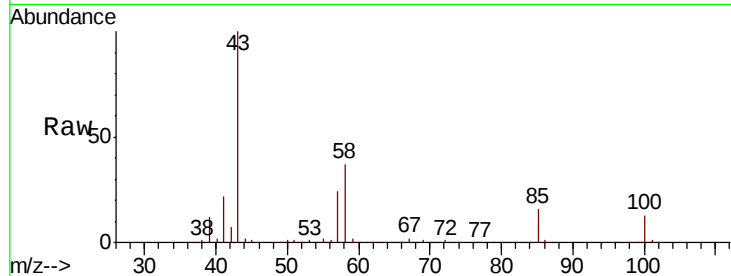
VSTDCCC050

Tot Ion: 43 Resp: 423074

Ion Ratio Lower Upper

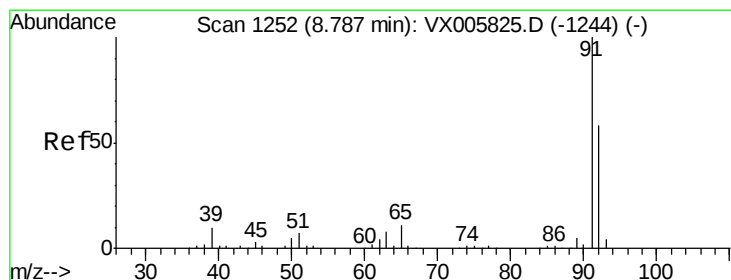
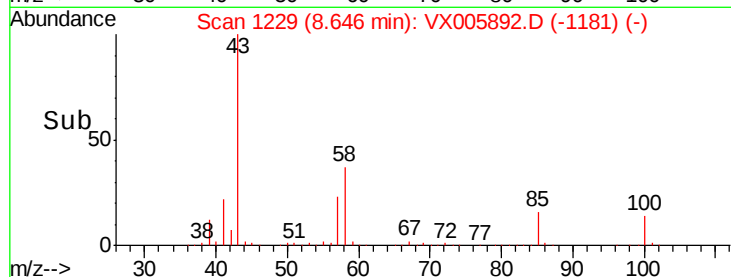
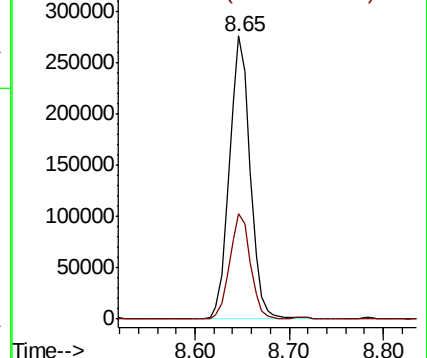
43 100

58 37.1 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.342 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005892.D

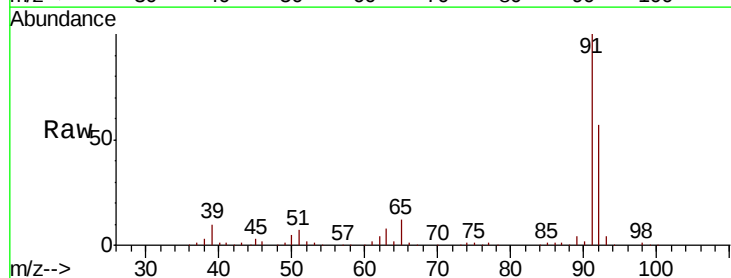
Acq: 12 Nov 2018 11:23

Tgt Ion: 92 Resp: 118671

Ion Ratio Lower Upper

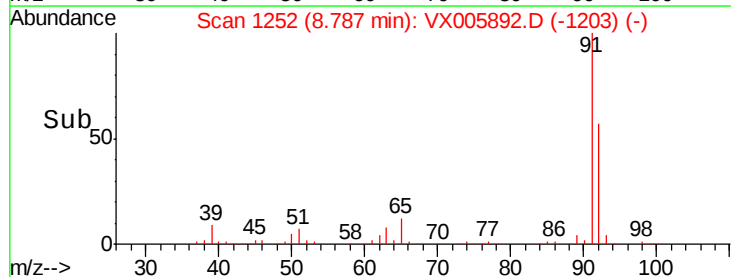
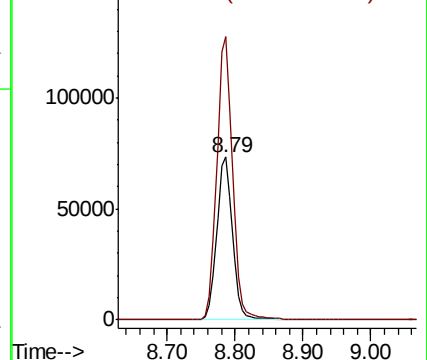
92 100

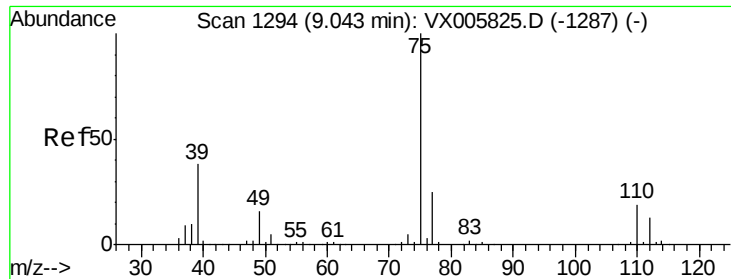
91 174.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

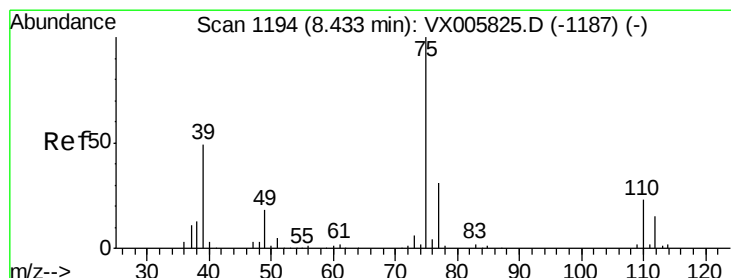
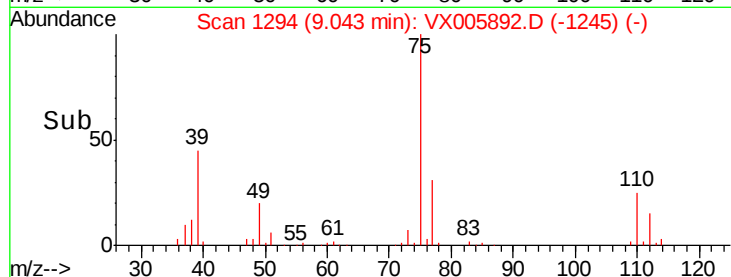
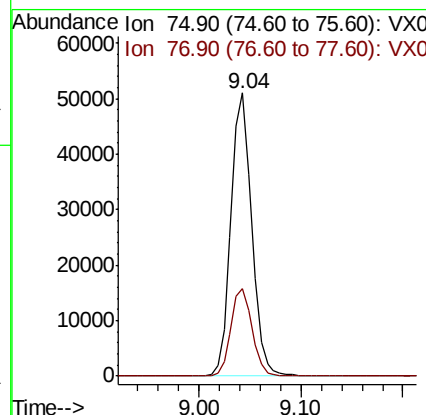
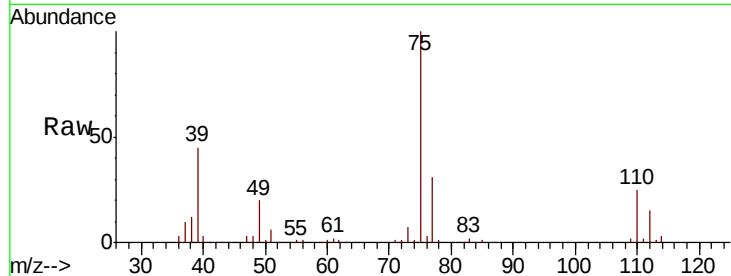




#53  
 t-1,3-Dichloropropene  
 Concen: 49.170 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

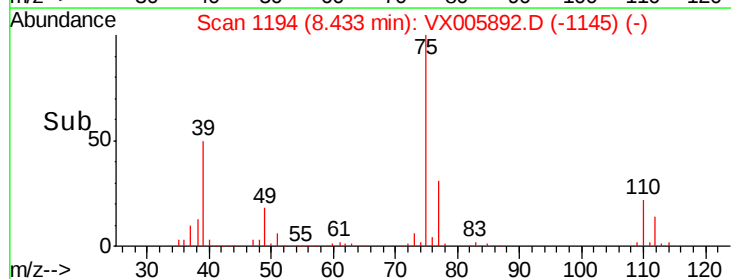
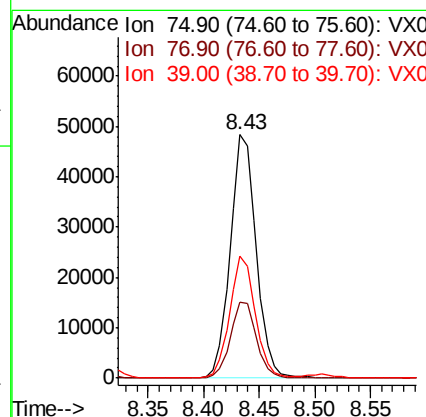
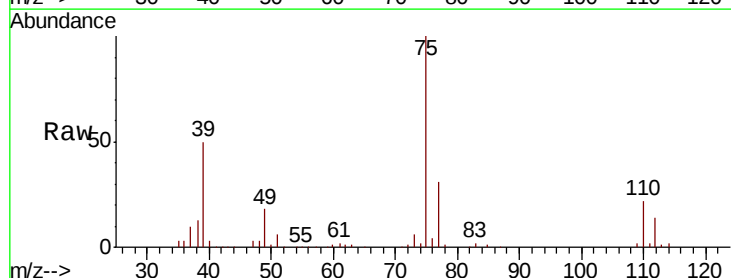
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 75 Resp: 71875  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.347 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

Tgt Ion: 75 Resp: 77991  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.2 37.8  
 39 49.8 38.2 57.2

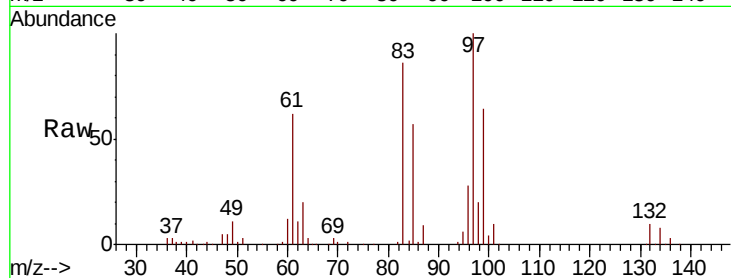




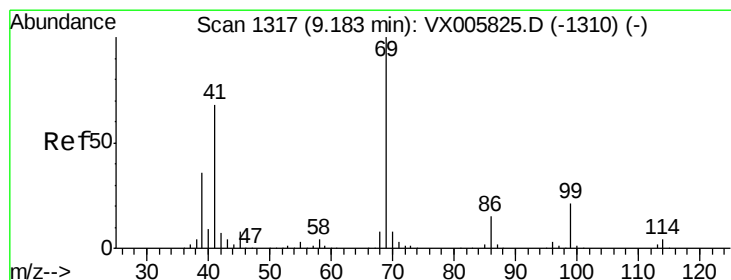
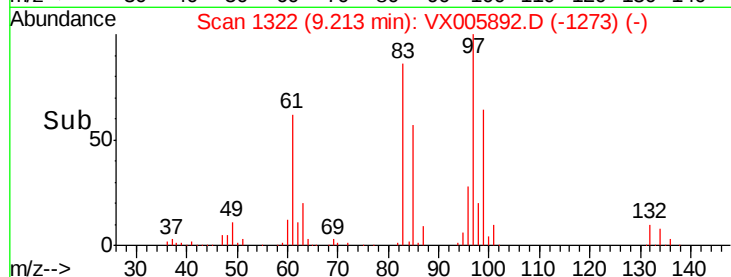
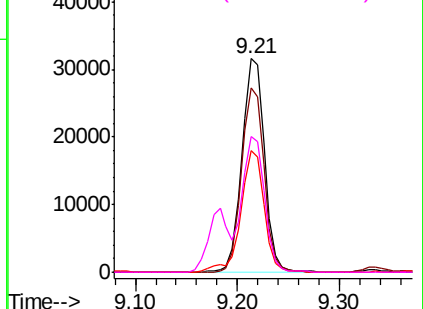
#55  
 1,1,2-Trichloroethane  
 Concen: 45.214 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 97 Resp: 48464  
 Ion Ratio Lower Upper  
 97 100  
 83 86.2 70.7 106.1  
 85 57.2 45.8 68.6  
 99 63.8 51.8 77.8

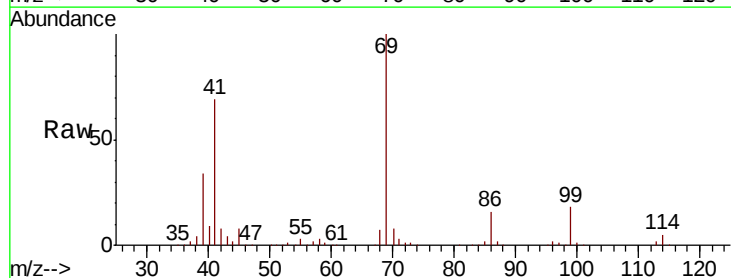


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

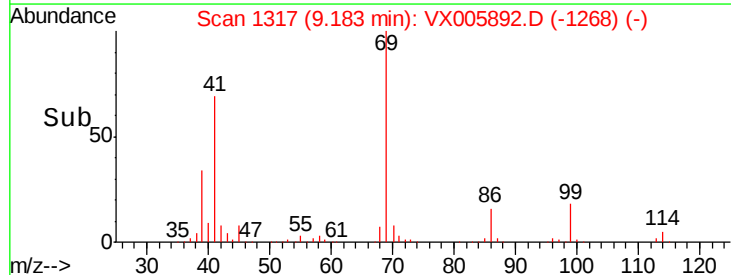
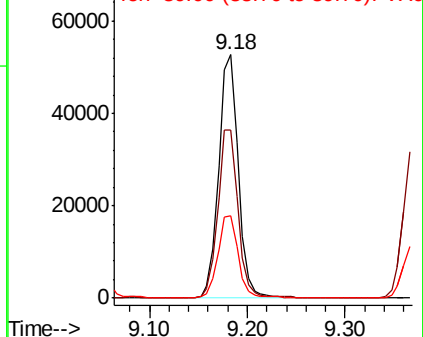


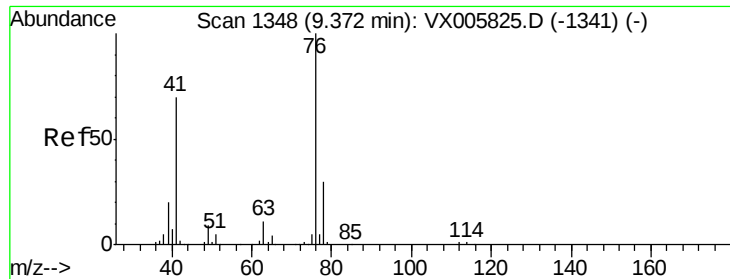
#56  
 Ethyl methacrylate  
 Concen: 45.801 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

Tgt Ion: 69 Resp: 73456  
 Ion Ratio Lower Upper  
 69 100  
 41 71.3 57.0 85.6  
 39 34.9 28.3 42.5



Abundance Ion 69.00 (68.70 to 69.70): VX0  
 Ion 41.00 (40.70 to 41.70): VX0  
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 45.201 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

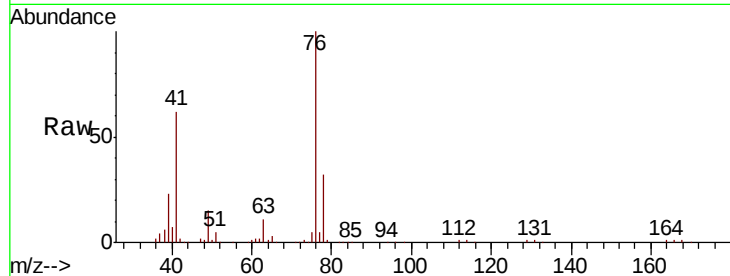
VSTDCCC050

Tot Ion: 76 Resp: 81420

Ion Ratio Lower Upper

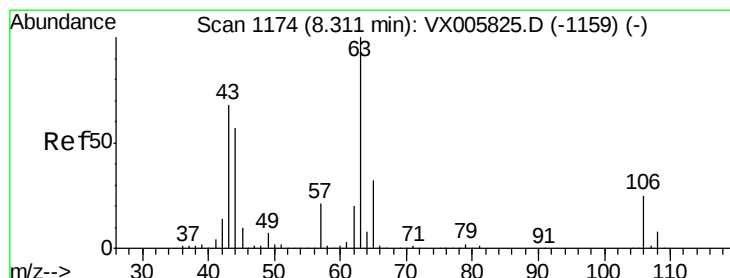
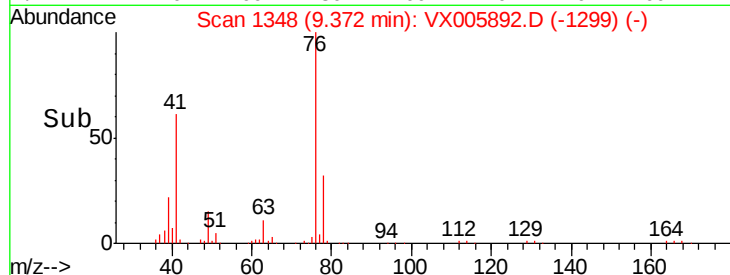
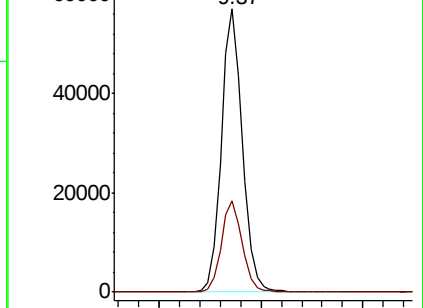
76 100

78 32.3 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 239.770 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005892.D

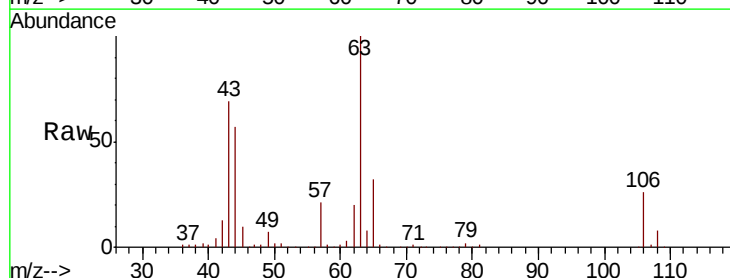
Acq: 12 Nov 2018 11:23

Tgt Ion: 63 Resp: 209235

Ion Ratio Lower Upper

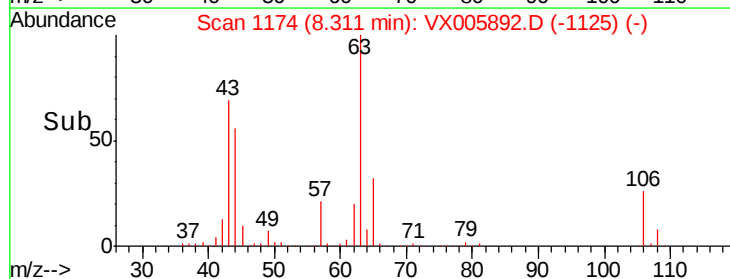
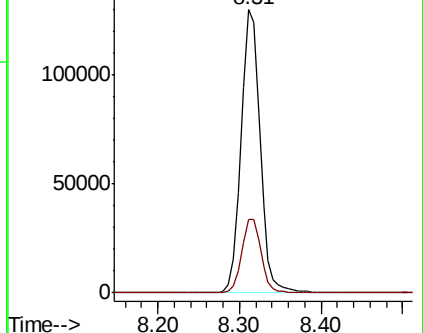
63 100

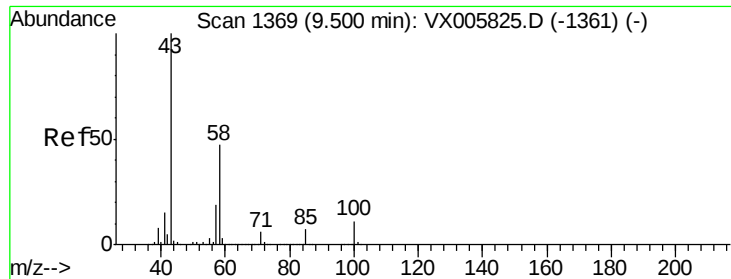
106 26.6 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

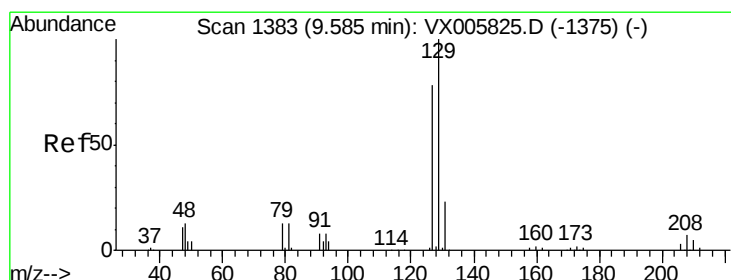
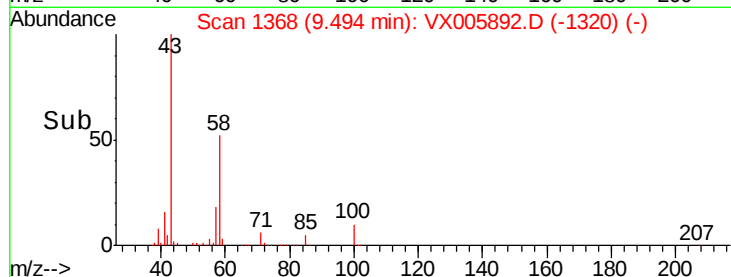
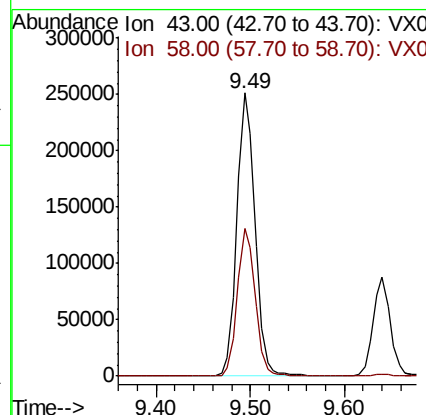
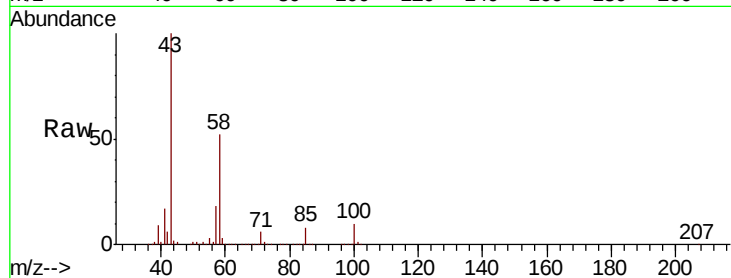




#59  
2-Hexanone  
Concen: 216.001 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

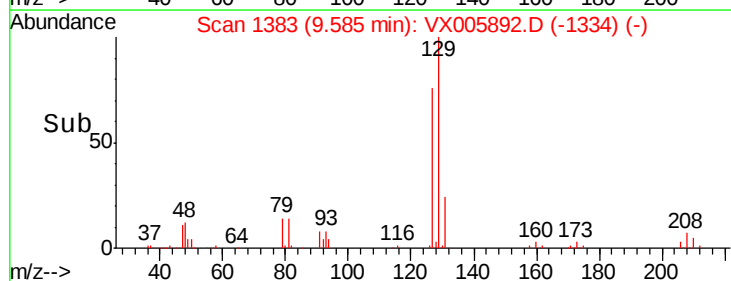
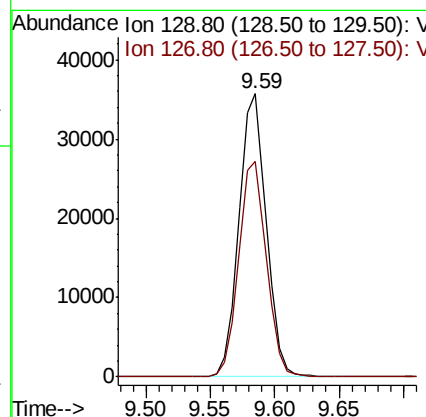
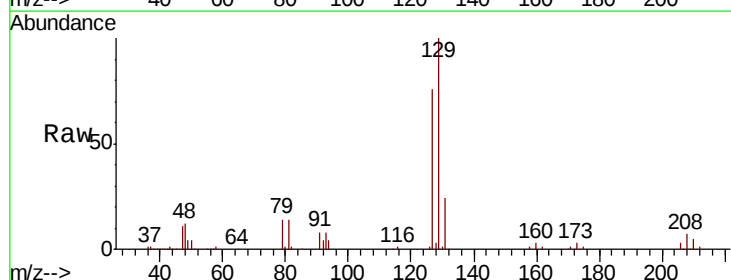
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

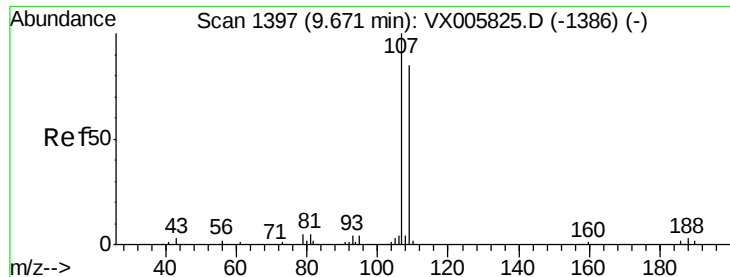
Tot Ion: 43 Resp: 337521  
Ion Ratio Lower Upper  
43 100  
58 51.6 25.9 77.8



#60  
Dibromochloromethane  
Concen: 45.448 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Tgt Ion: 129 Resp: 52648  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.9 116.7

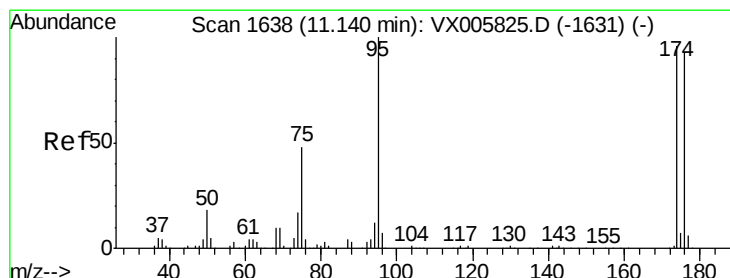
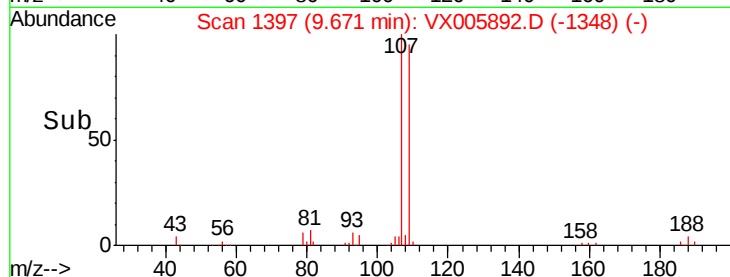
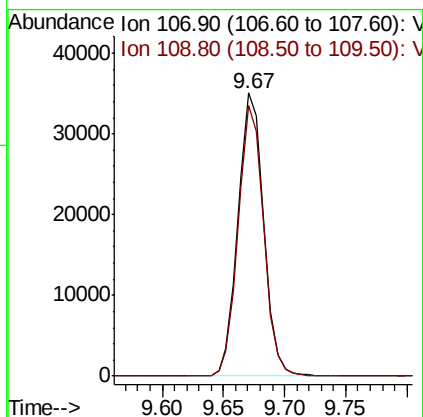
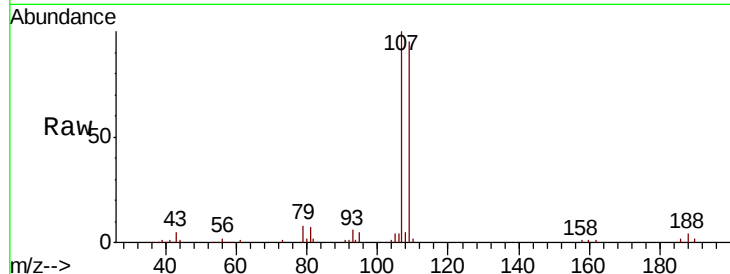




#61  
 1,2-Dibromoethane  
 Concen: 42.830 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

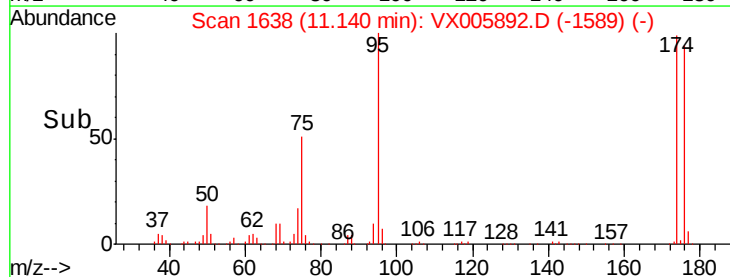
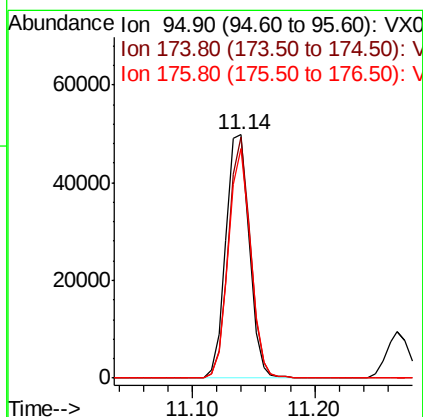
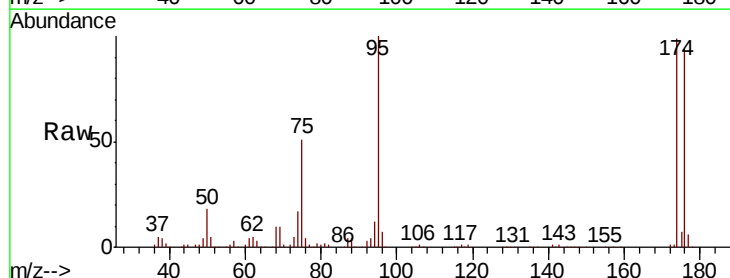
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

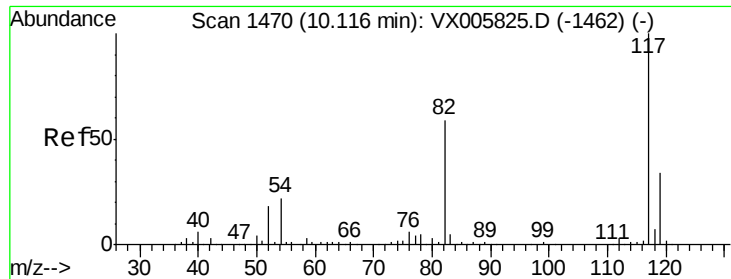
Tot Ion:107 Resp: 50765  
 Ion Ratio Lower Upper  
 107 100  
 109 94.8 75.7 113.5



#62  
 4-Bromofluorobenzene  
 Concen: 53.197 ug/l  
 RT: 11.14 min Scan# 1638  
 Delta R.T. -0.00 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

Tgt Ion: 95 Resp: 66224  
 Ion Ratio Lower Upper  
 95 100  
 174 92.1 0.0 184.4  
 176 89.3 0.0 177.4

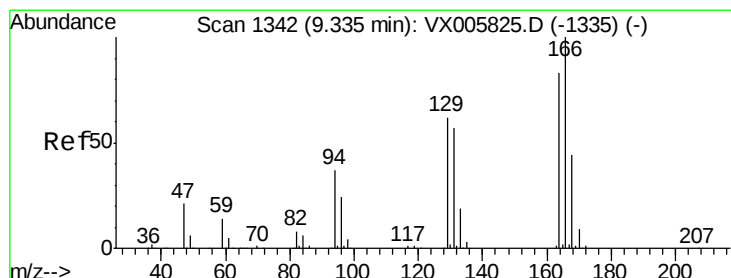
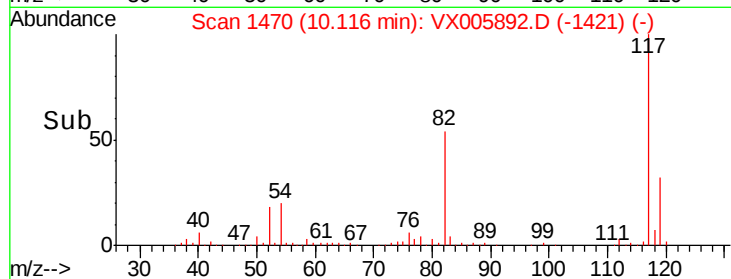
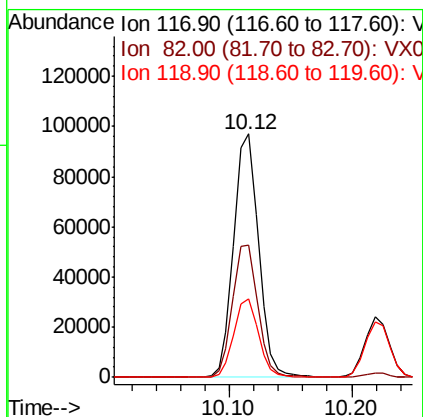
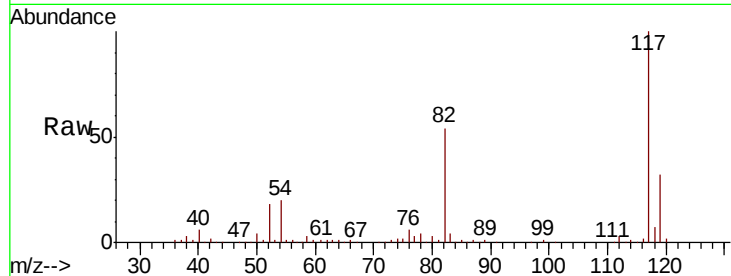




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

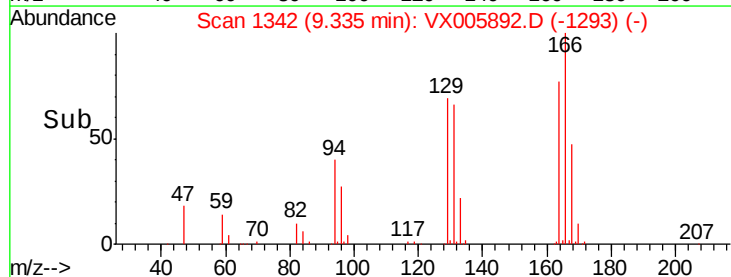
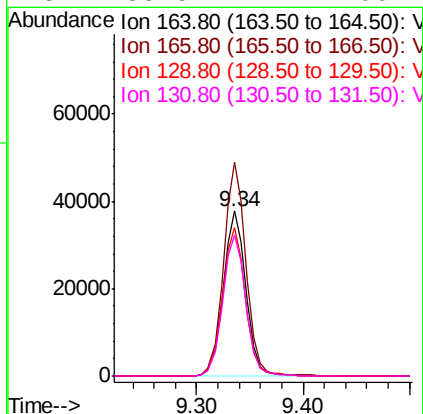
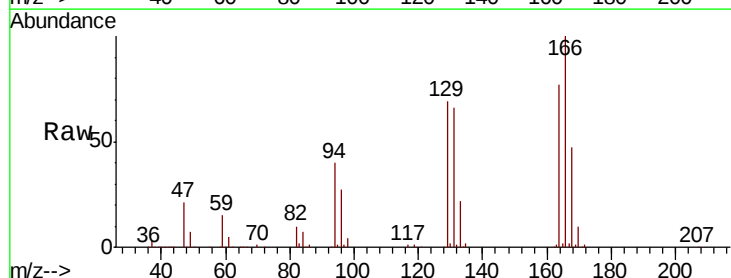
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

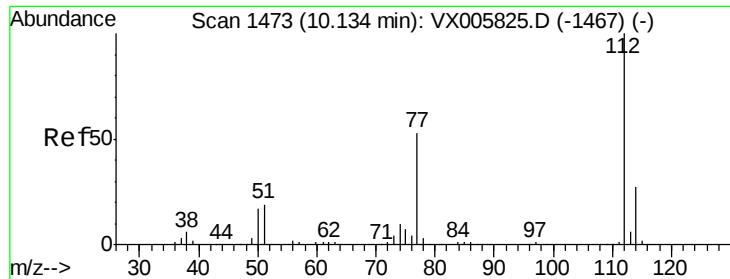
Tot Ion:117 Resp: 136851  
Ion Ratio Lower Upper  
117 100  
82 54.1 44.1 66.1  
119 32.4 26.2 39.2



#64  
Tetrachloroethene  
Concen: 48.021 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Tgt Ion:164 Resp: 55952  
Ion Ratio Lower Upper  
164 100  
166 129.5 101.9 152.9  
129 89.8 72.6 109.0  
131 85.5 71.1 106.7

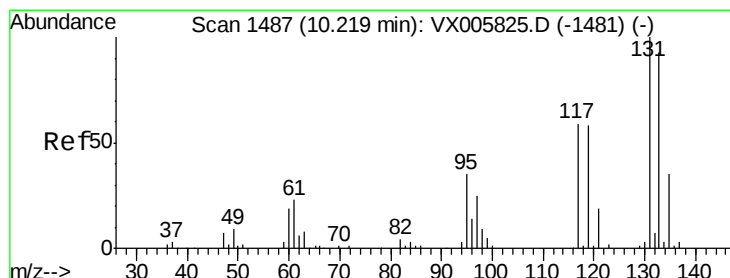
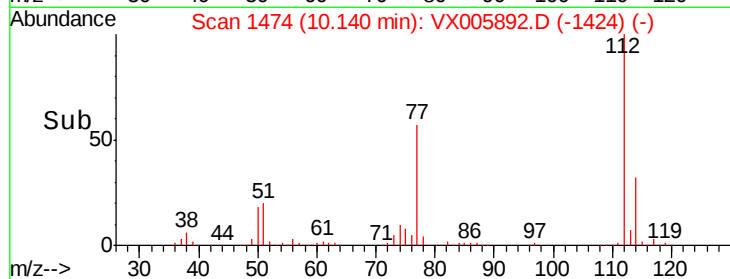
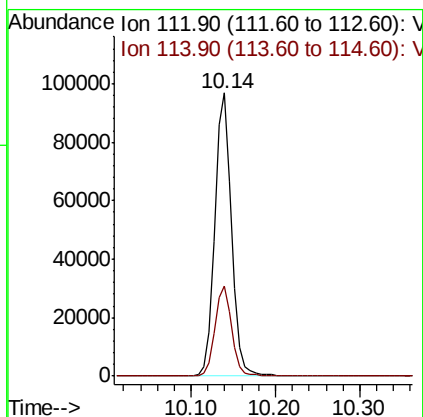
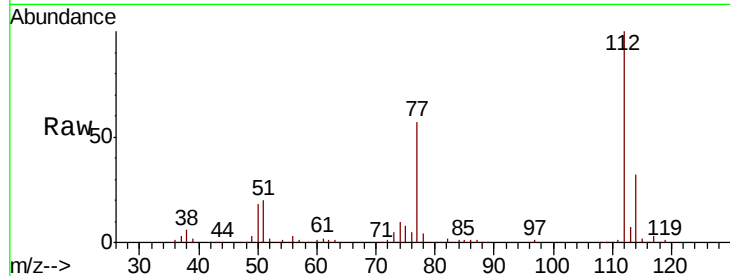




#65  
Chlorobenzene  
Concen: 48.510 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. 0.01 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

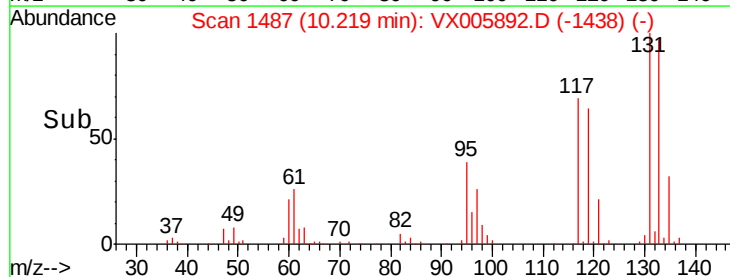
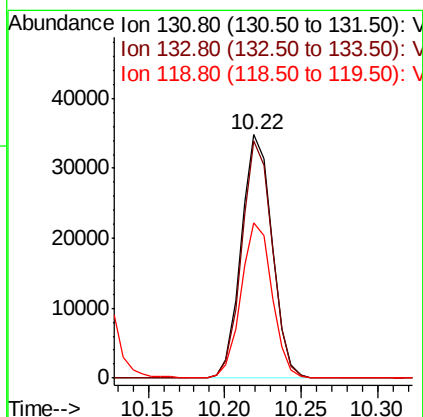
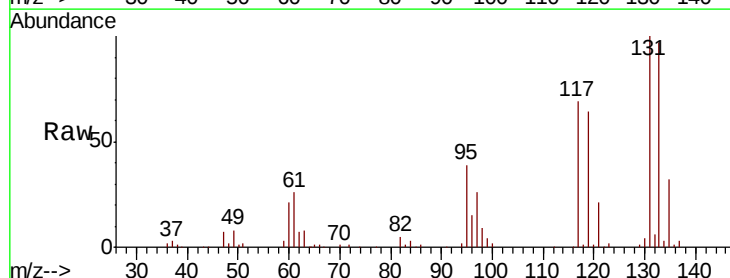
Instrument :  
MSVOA\_X  
ClientSampleID :  
VSTDCCC050

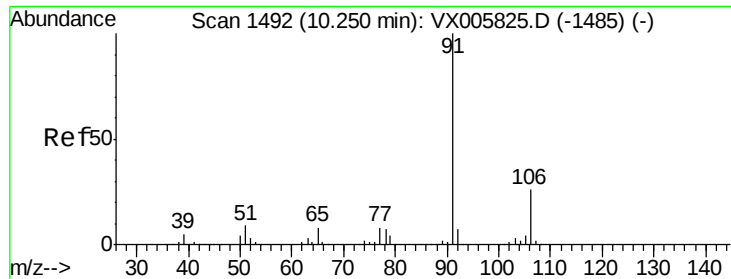
Tot Ion:112 Resp: 132994  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.196 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Tgt Ion:131 Resp: 48796  
Ion Ratio Lower Upper  
131 100  
133 96.0 47.5 142.5  
119 64.0 31.8 95.3

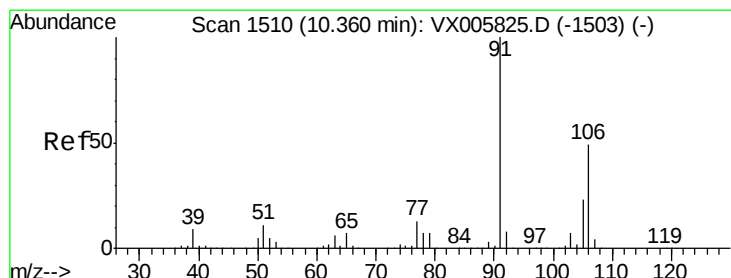
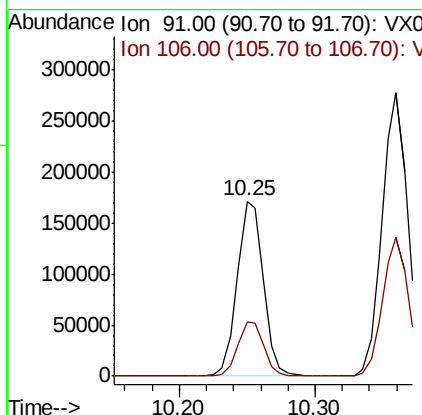
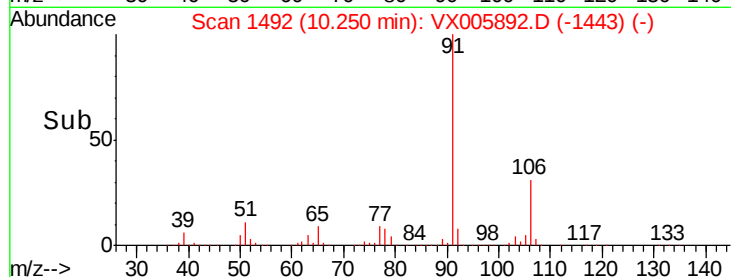
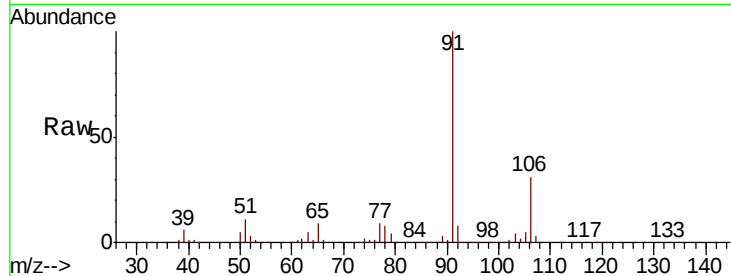




#67  
Ethyl Benzene  
Concen: 52.174 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

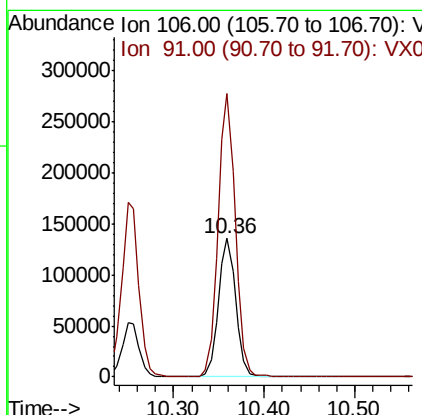
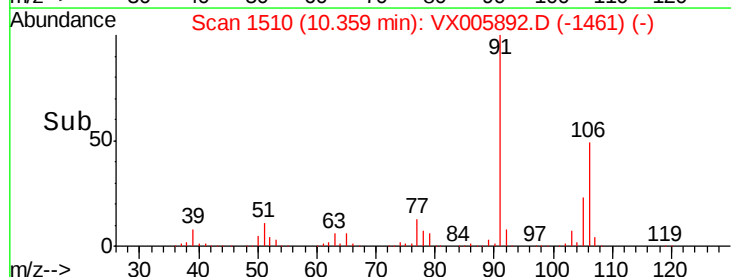
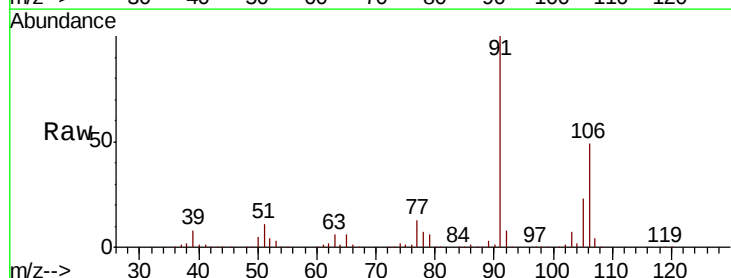
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

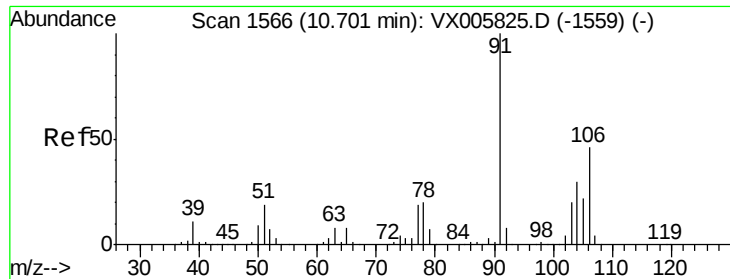
Tot Ion: 91 Resp: 229366  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.4 36.6



#68  
m/p-Xylenes  
Concen: 107.806 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Tgt Ion: 106 Resp: 180777  
Ion Ratio Lower Upper  
106 100  
91 204.5 164.2 246.4

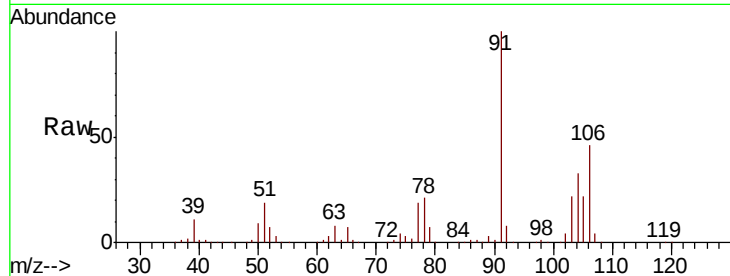




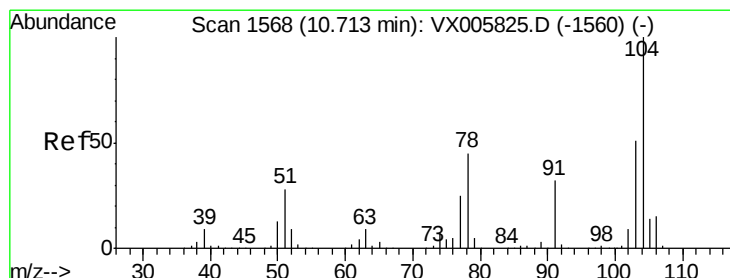
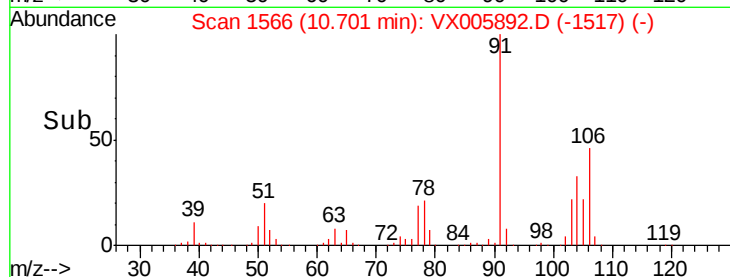
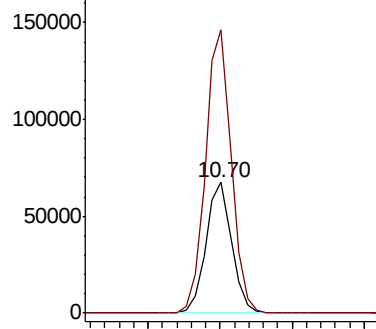
#69  
o-Xylene  
Concen: 55.779 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:106 Resp: 83872  
Ion Ratio Lower Upper  
106 100  
91 217.9 108.5 325.5

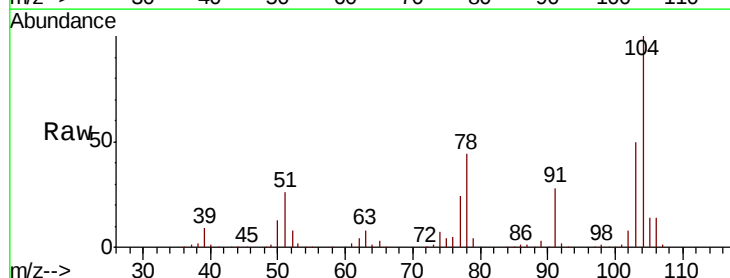


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

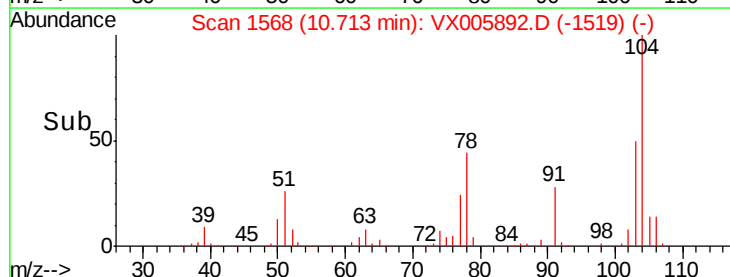
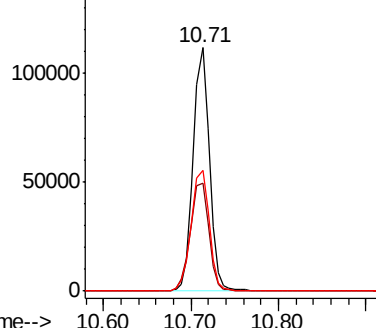


#70  
Styrene  
Concen: 58.065 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Tgt Ion:104 Resp: 144029  
Ion Ratio Lower Upper  
104 100  
78 51.0 40.2 60.4  
103 55.8 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.823 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

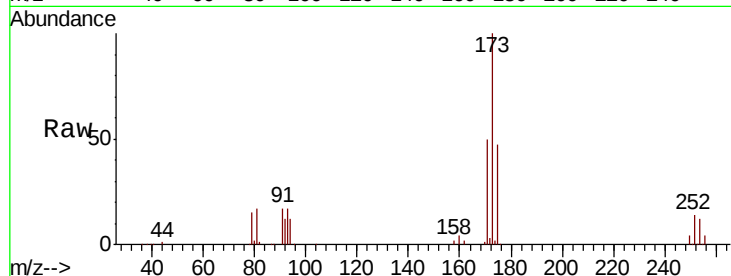
Tot Ion:173 Resp: 43803

Ion Ratio Lower Upper

173 100

175 47.8 24.8 74.3

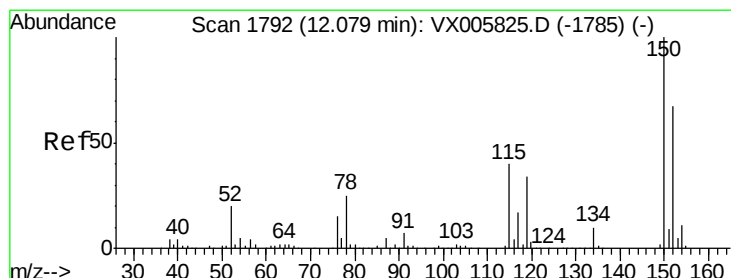
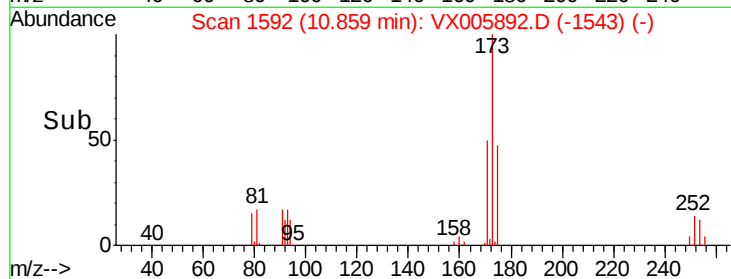
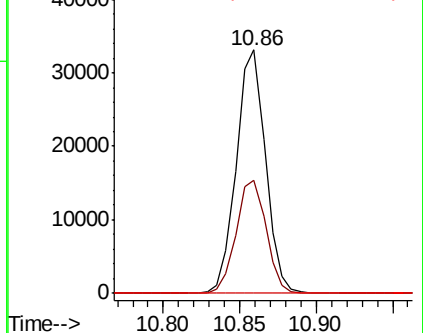
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

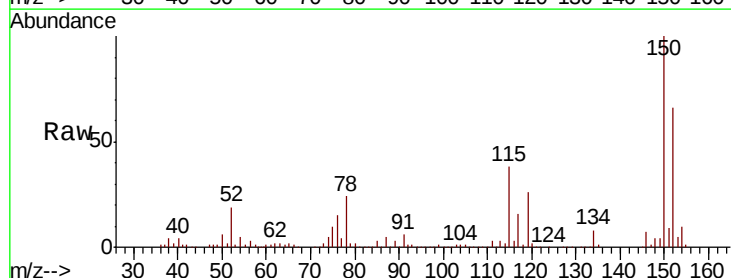
Tgt Ion:152 Resp: 80162

Ion Ratio Lower Upper

152 100

115 77.3 39.4 118.1

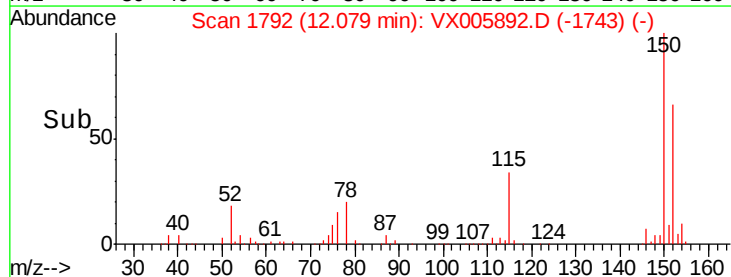
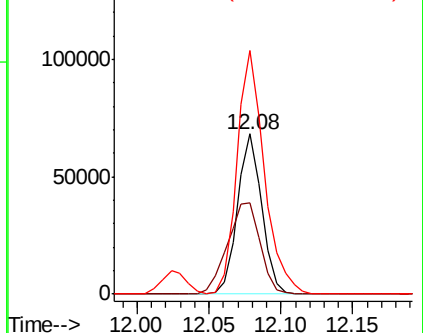
150 171.0 0.0 346.4

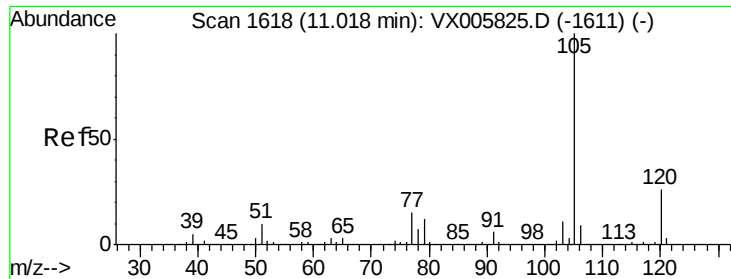


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.073 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

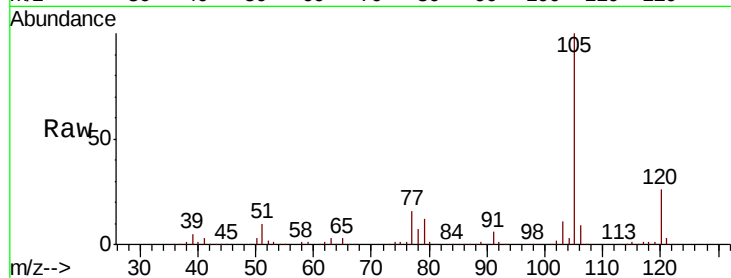
VSTDCCC050

Tot Ion:105 Resp: 236756

Ion Ratio Lower Upper

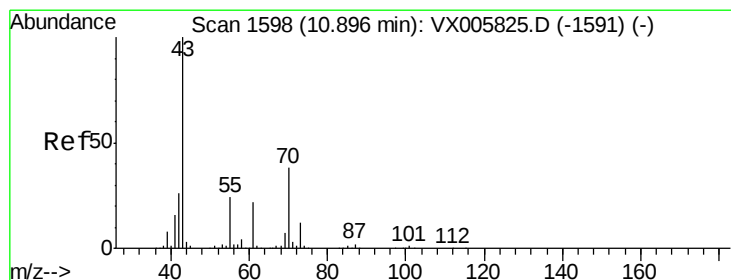
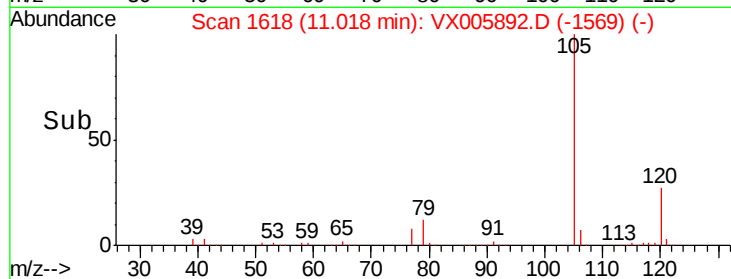
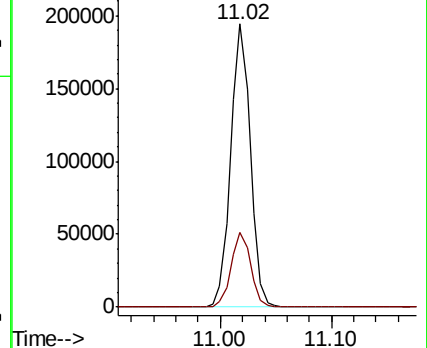
105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.432 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Tgt Ion: 43 Resp: 109863

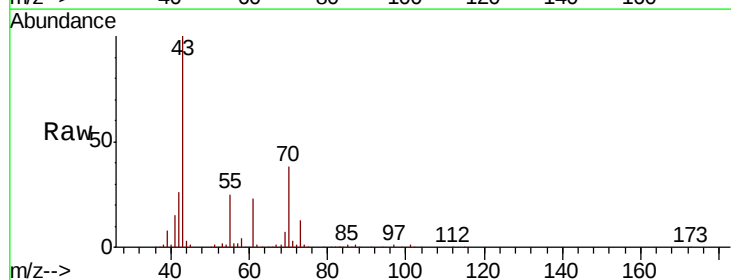
Ion Ratio Lower Upper

43 100

70 39.4 31.6 47.4

55 25.4 19.7 29.5

61 22.9 18.3 27.5

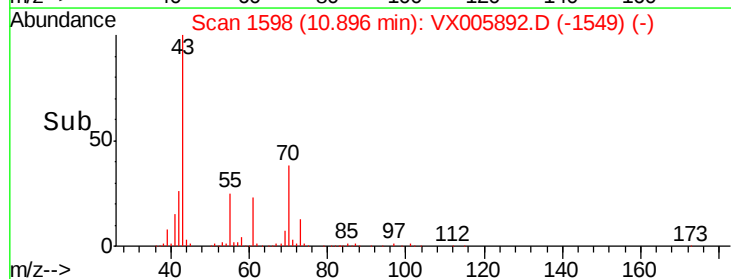
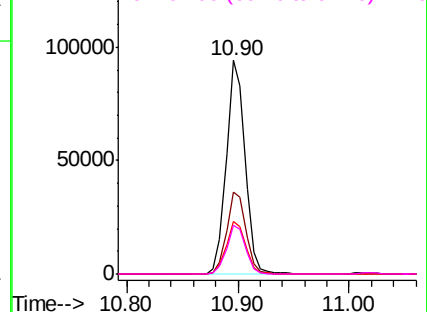


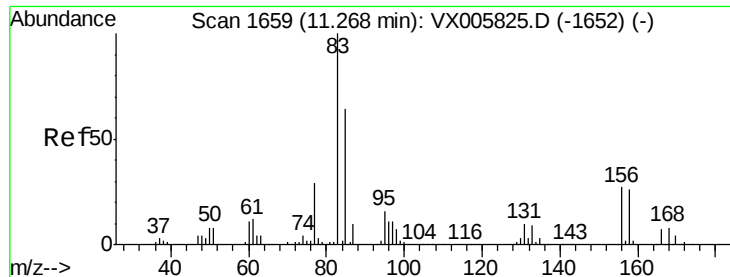
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.961 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

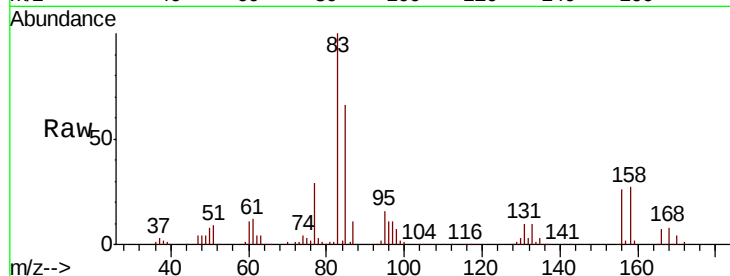
Tot Ion: 83 Resp: 76502

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

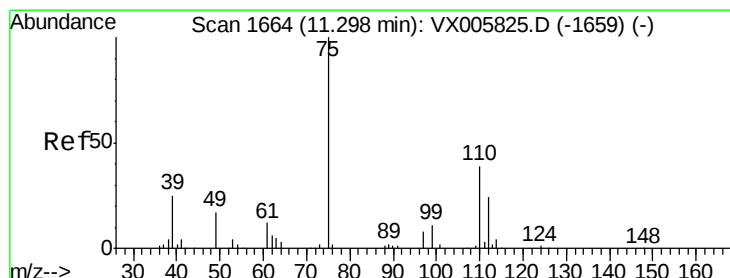
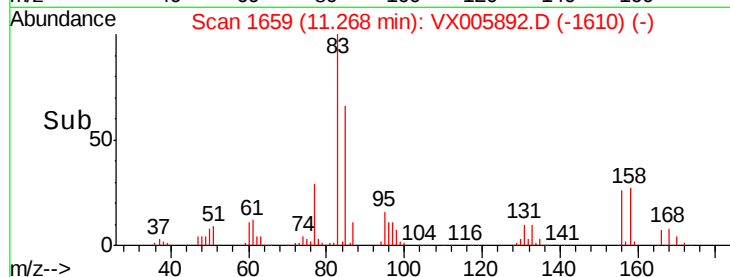
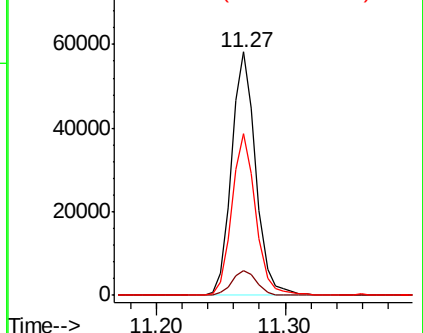
85 65.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.356 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005892.D

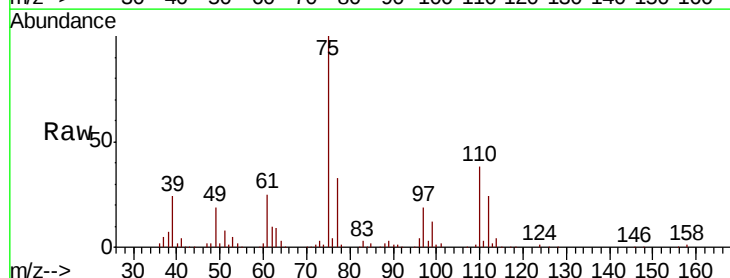
Acq: 12 Nov 2018 11:23

Tgt Ion: 75 Resp: 95253

Ion Ratio Lower Upper

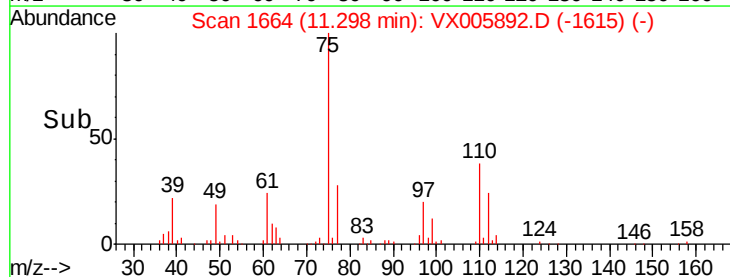
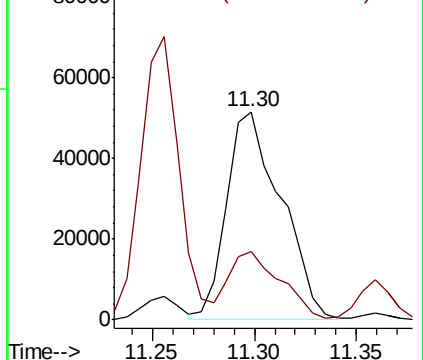
75 100

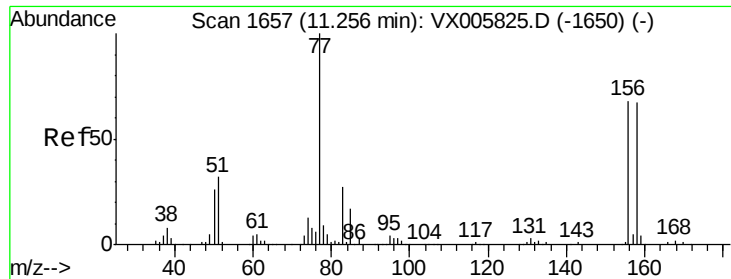
77 31.2 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.764 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

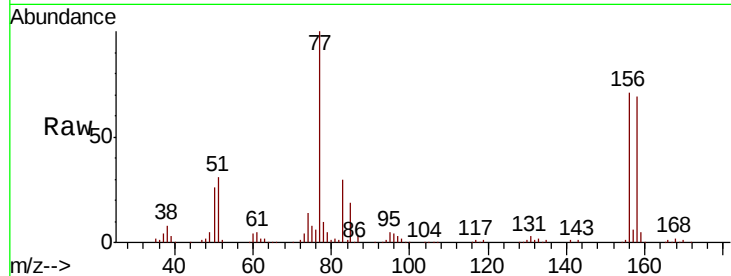
Tot Ion:156 Resp: 62409

Ion Ratio Lower Upper

156 100

77 147.3 74.8 224.4

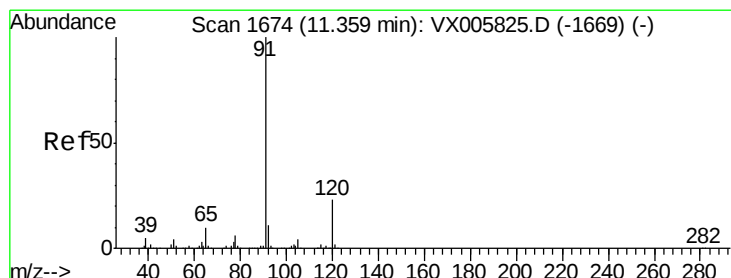
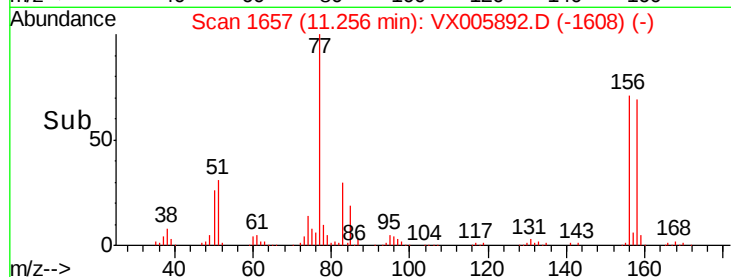
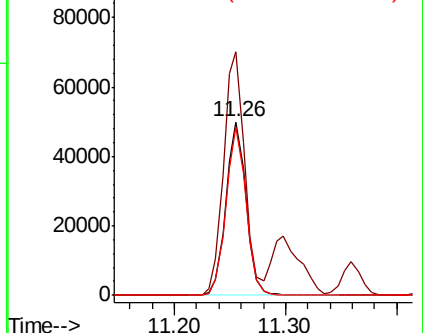
158 96.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.149 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005892.D

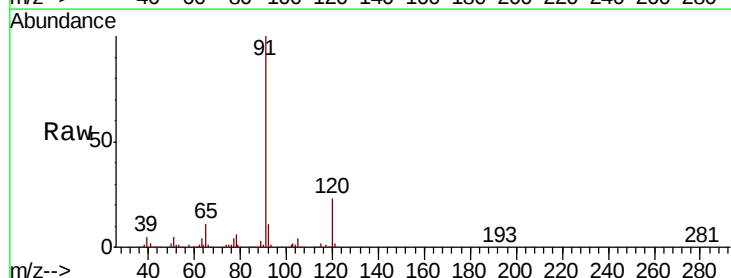
Acq: 12 Nov 2018 11:23

Tgt Ion: 91 Resp: 279439

Ion Ratio Lower Upper

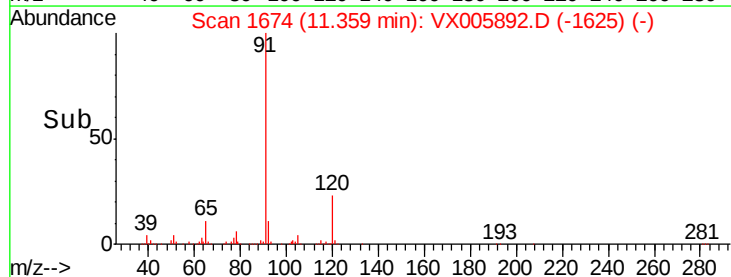
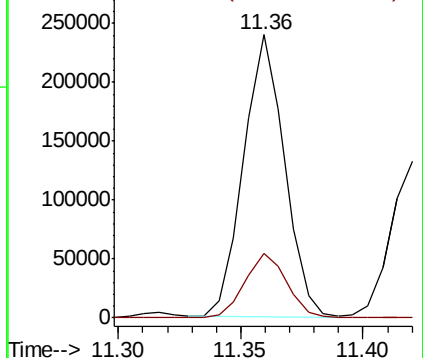
91 100

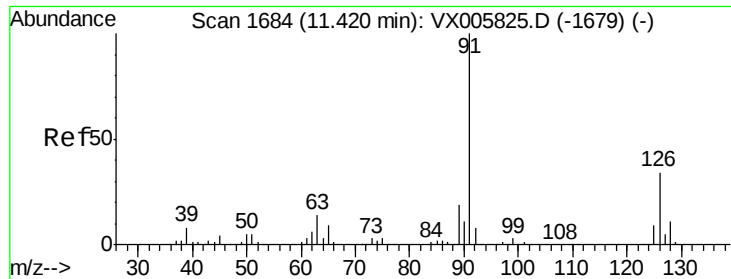
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

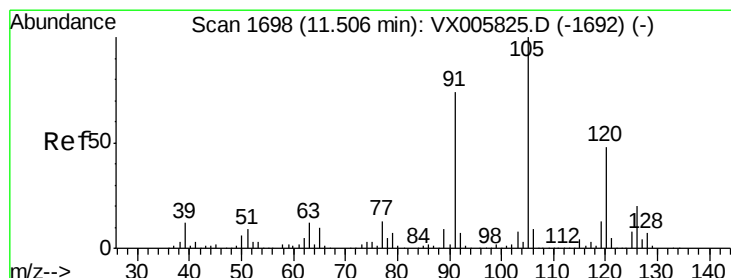
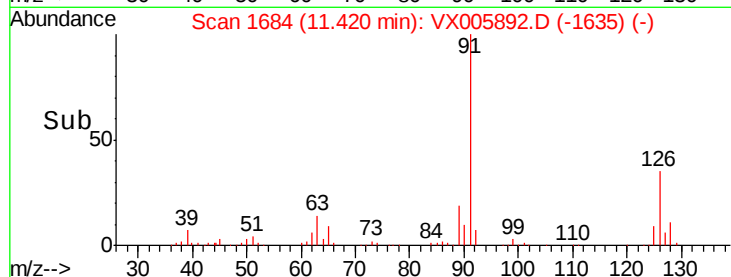
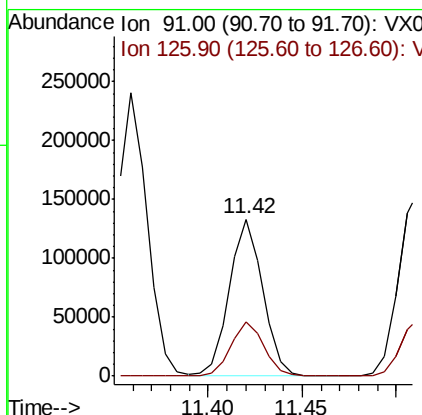
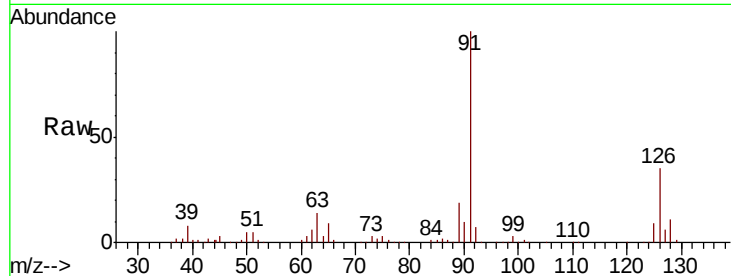




#79  
 2-Chlorotoluene  
 Concen: 49.231 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

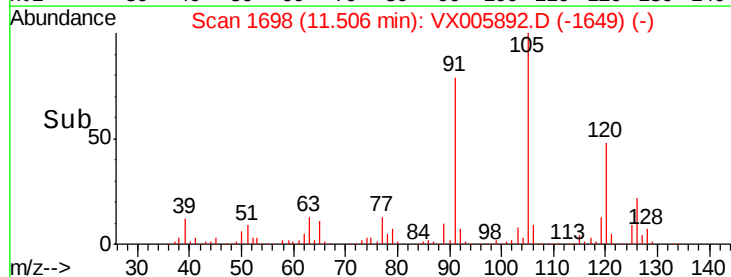
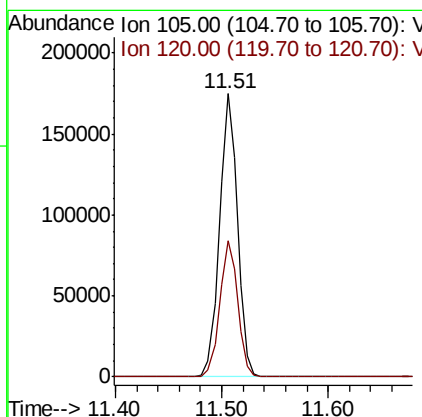
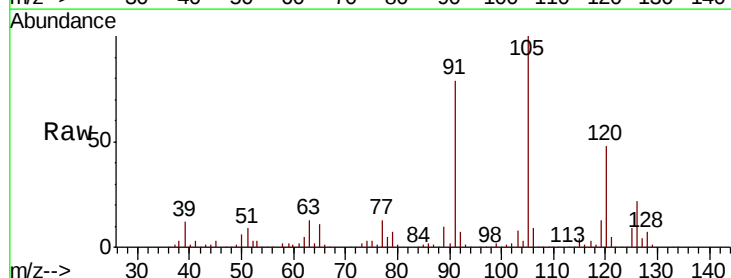
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

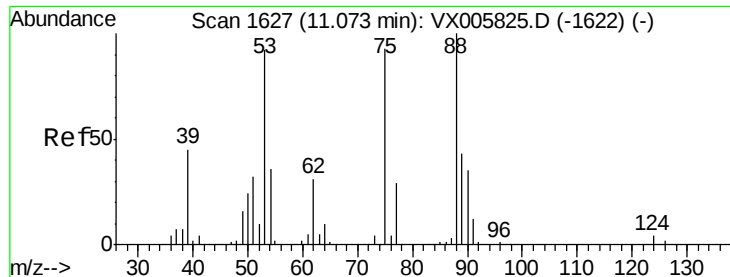
Tot Ion: 91 Resp: 162571  
 Ion Ratio Lower Upper  
 91 100  
 126 34.7 17.3 52.0



#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.004 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

Tgt Ion: 105 Resp: 204862  
 Ion Ratio Lower Upper  
 105 100  
 120 48.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.096 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

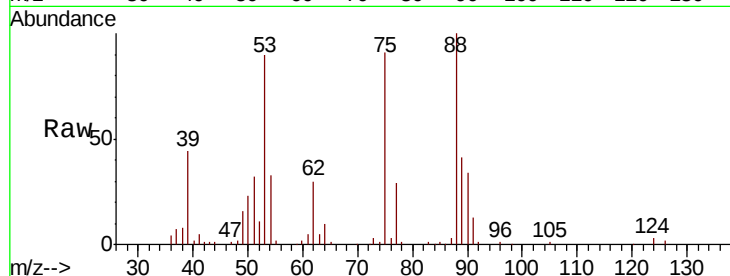
Tot Ion: 75 Resp: 24632

Ion Ratio Lower Upper

75 100

53 98.6 80.2 120.2

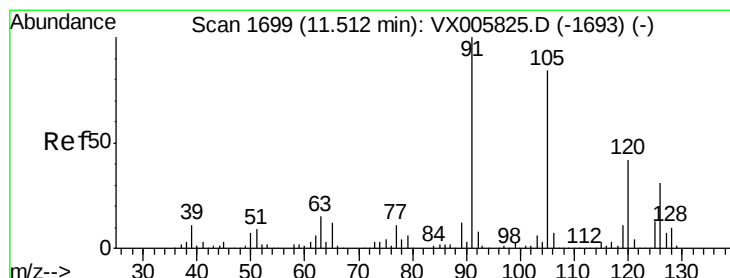
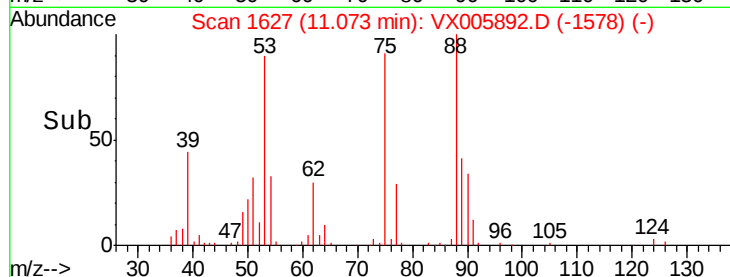
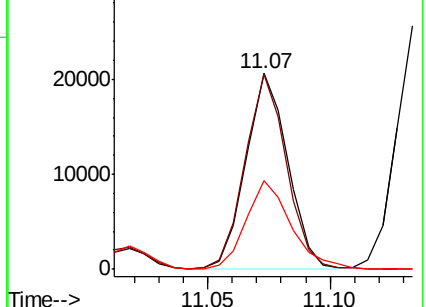
89 48.9 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.341 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005892.D

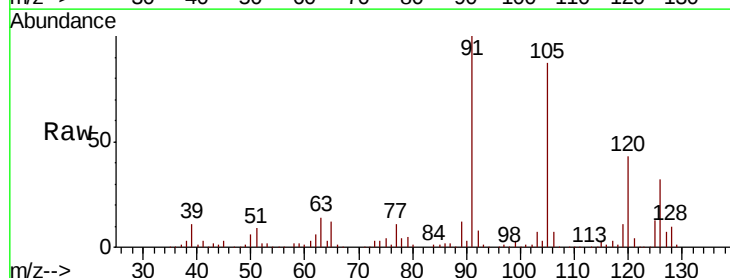
Acq: 12 Nov 2018 11:23

Tgt Ion: 91 Resp: 195914

Ion Ratio Lower Upper

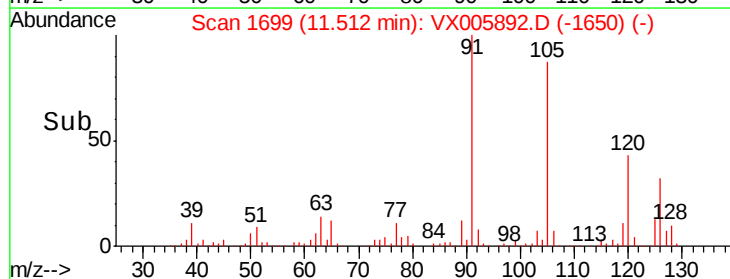
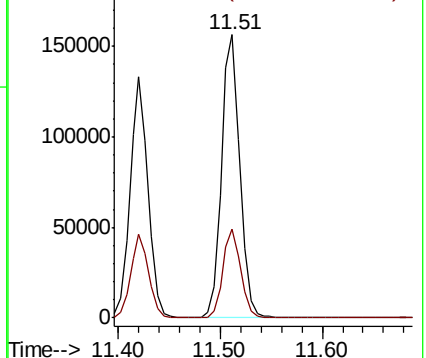
91 100

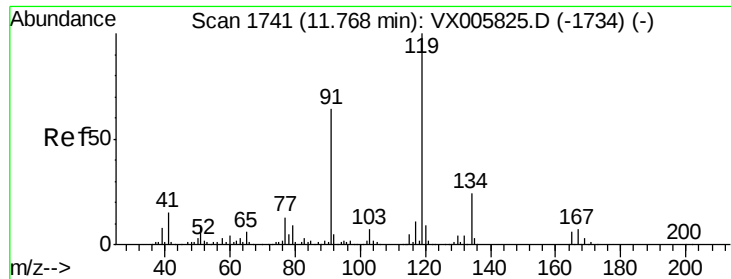
126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

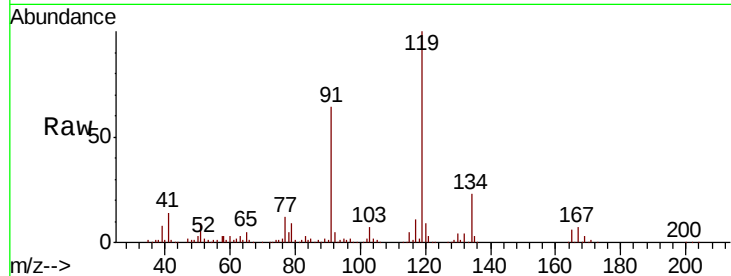




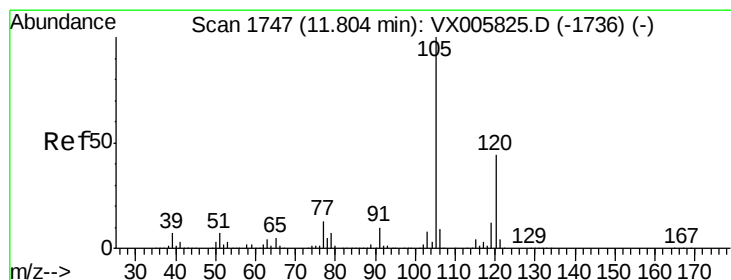
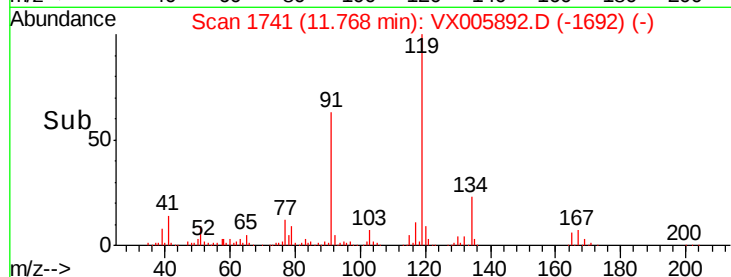
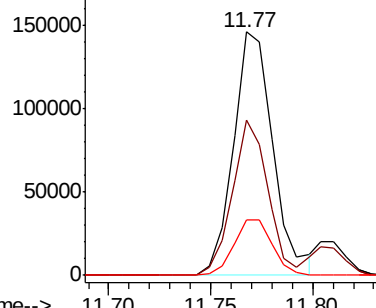
#83  
tert-Butylbenzene  
Concen: 49.587 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:119 Resp: 197623  
Ion Ratio Lower Upper  
119 100  
91 57.2 28.5 85.5  
134 22.1 11.3 33.8

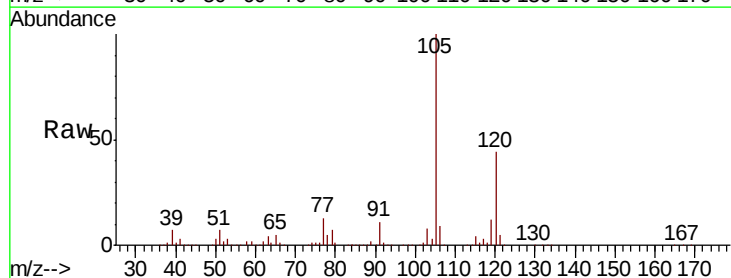


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): VX0  
Ion 134.00 (133.70 to 134.70): V

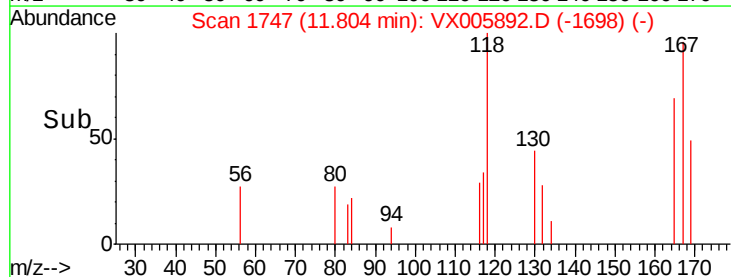
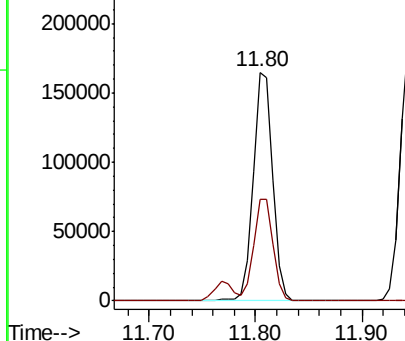


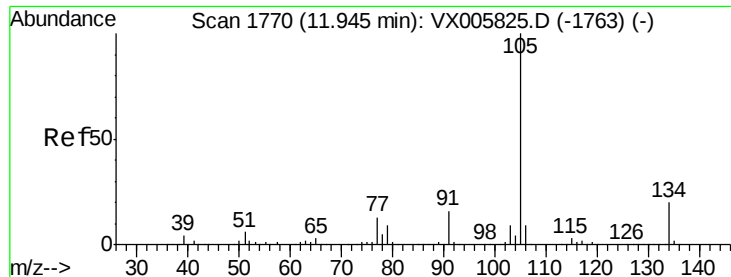
#84  
1,2,4-Trimethylbenzene  
Concen: 48.538 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Tgt Ion:105 Resp: 211029  
Ion Ratio Lower Upper  
105 100  
120 44.3 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.029 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

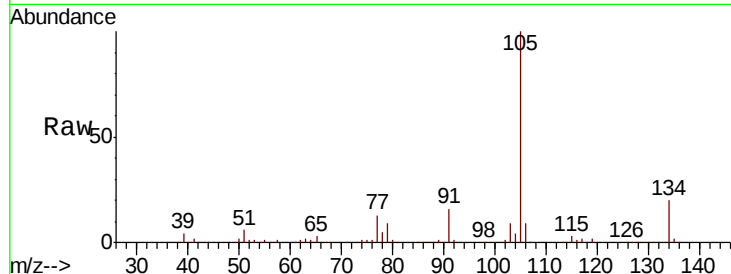
VSTDCCC050

Tot Ion:105 Resp: 243818

Ion Ratio Lower Upper

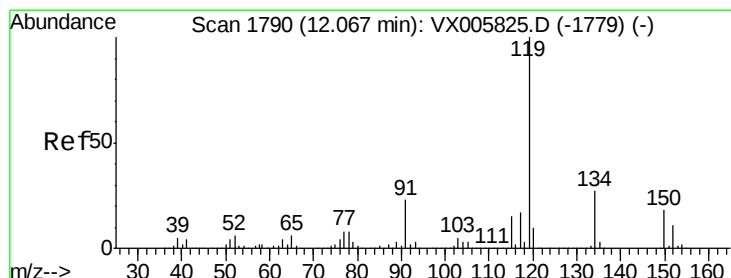
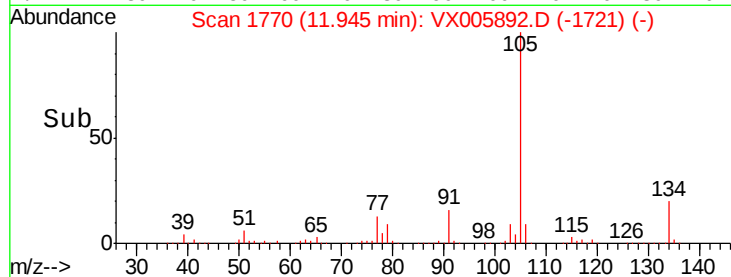
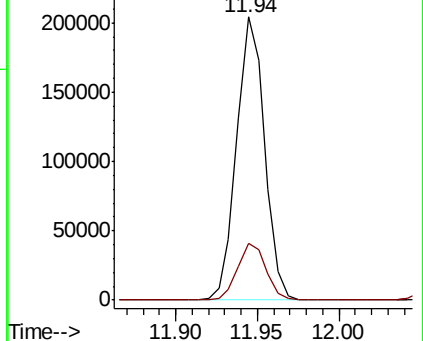
105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.775 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

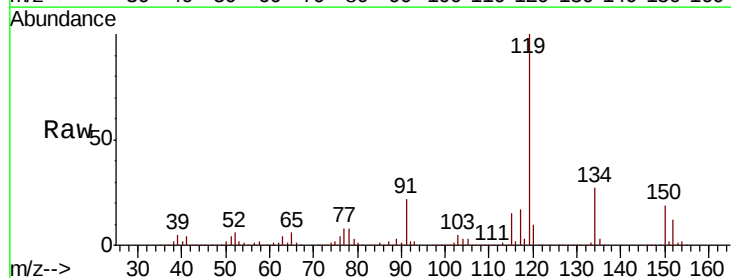
Tgt Ion:119 Resp: 223503

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

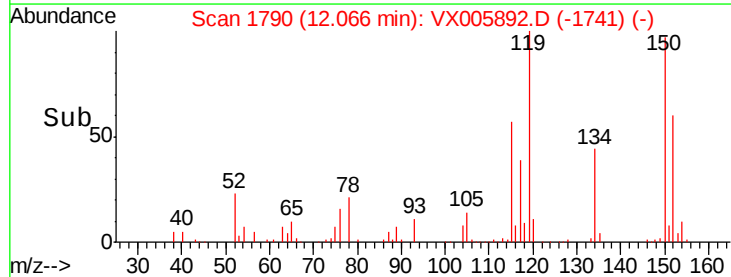
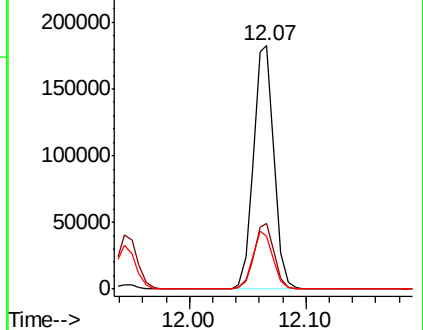
91 23.4 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

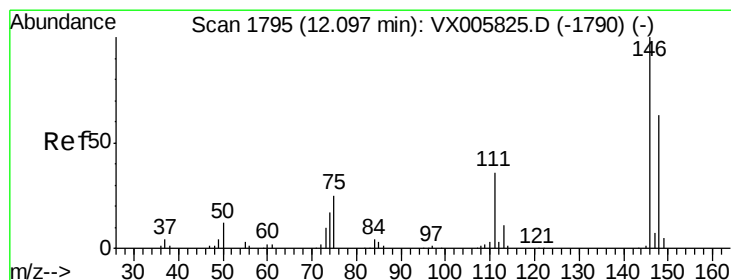
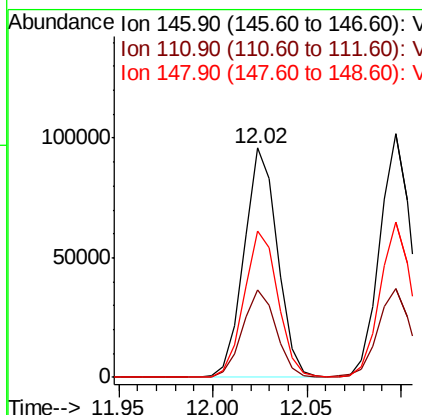
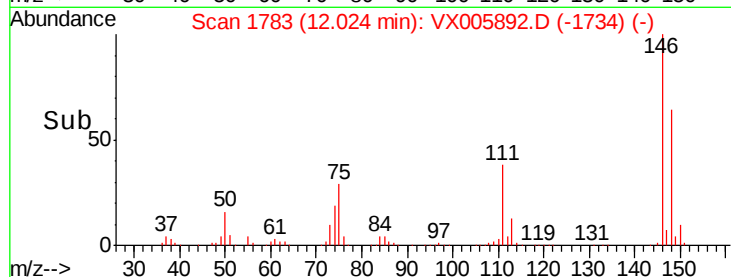
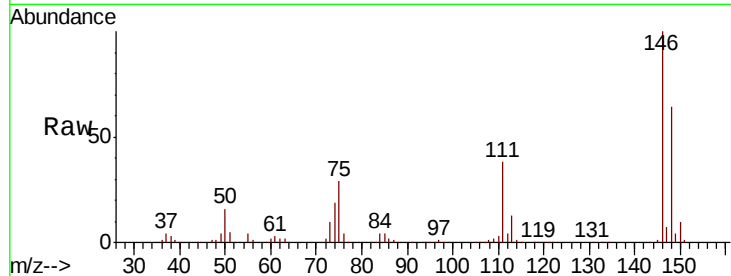




#87  
 1,3-Dichlorobenzene  
 Concen: 47.125 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

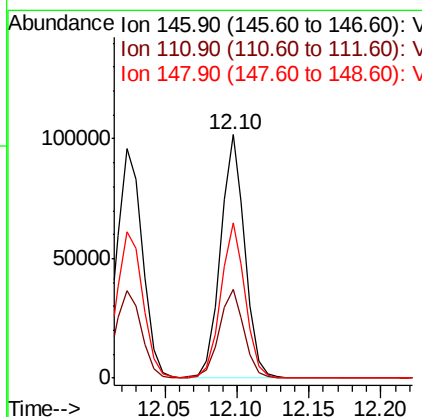
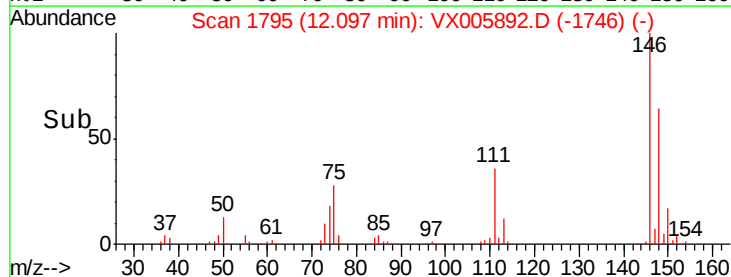
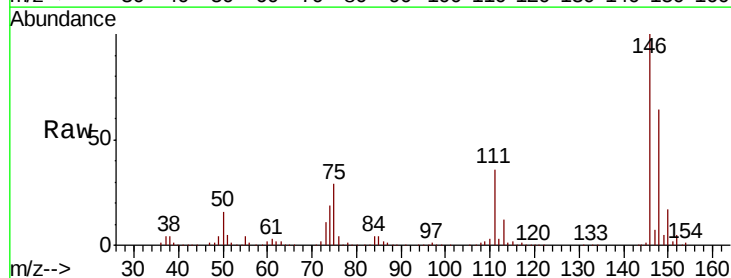
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

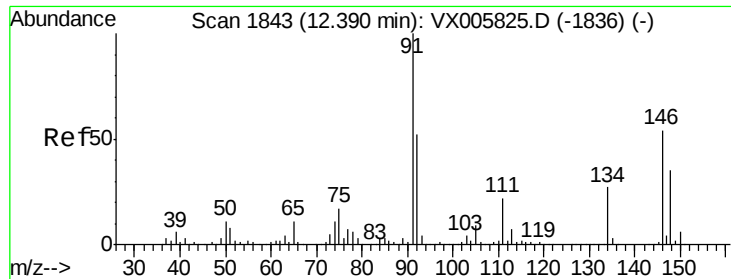
Tot Ion:146 Resp: 118169  
 Ion Ratio Lower Upper  
 146 100  
 111 38.3 19.0 57.0  
 148 64.4 31.9 95.9



#88  
 1,4-Dichlorobenzene  
 Concen: 46.719 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

Tgt Ion:146 Resp: 119929  
 Ion Ratio Lower Upper  
 146 100  
 111 37.4 18.6 55.8  
 148 64.1 32.1 96.3

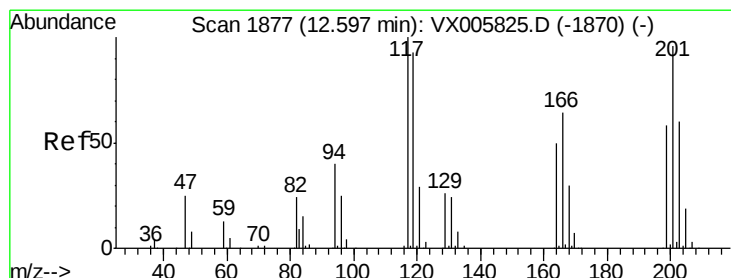
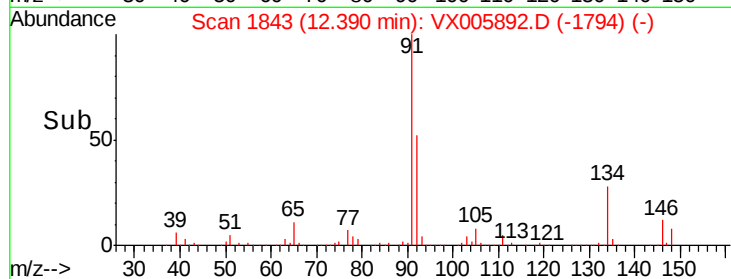
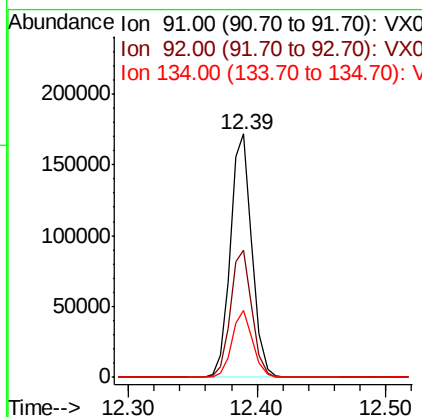
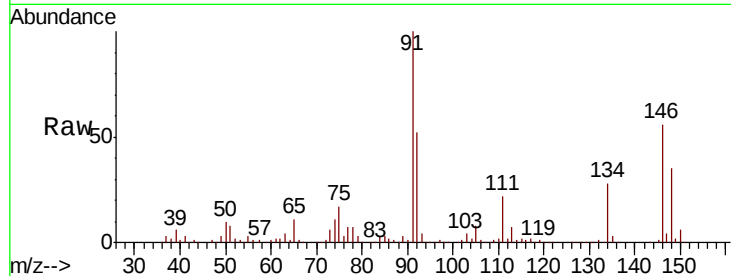




#89  
n-Butylbenzene  
Concen: 50.183 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

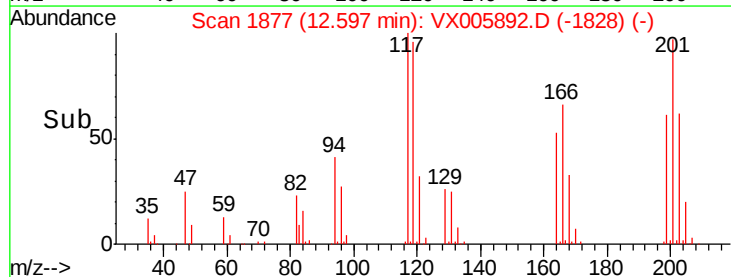
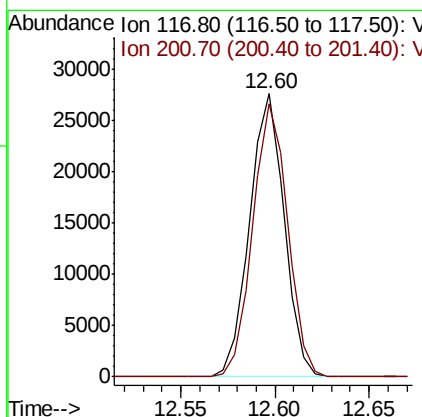
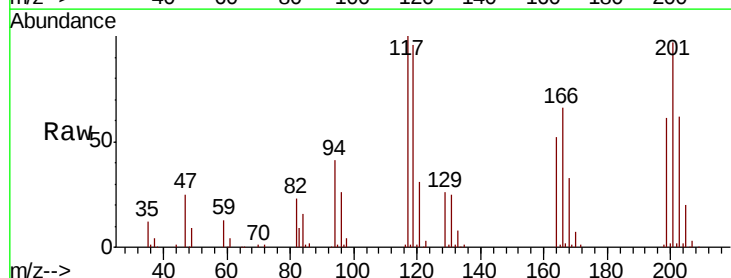
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 200774  
Ion Ratio Lower Upper  
91 100  
92 52.2 26.1 78.2  
134 26.4 13.1 39.3



#90  
Hexachloroethane  
Concen: 48.787 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX005892.D  
Acq: 12 Nov 2018 11:23

Tgt Ion: 117 Resp: 35162  
Ion Ratio Lower Upper  
117 100  
201 97.2 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 46.723 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

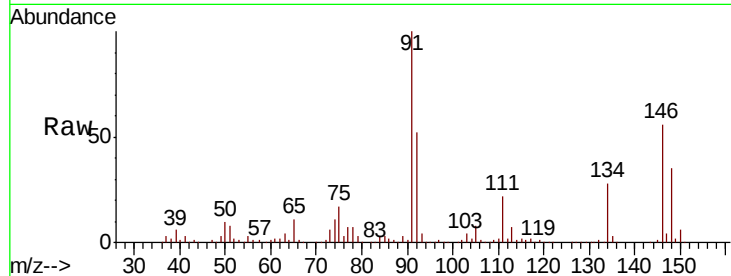
Tot Ion:146 Resp: 117370

Ion Ratio Lower Upper

146 100

111 39.7 20.0 59.9

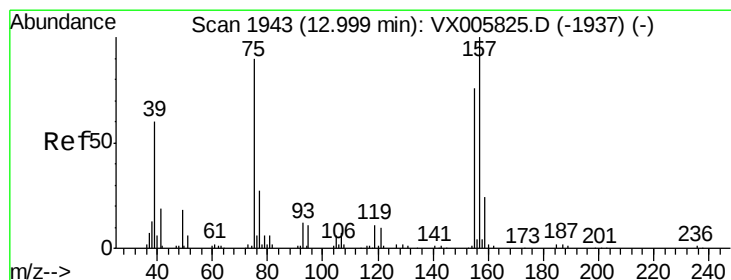
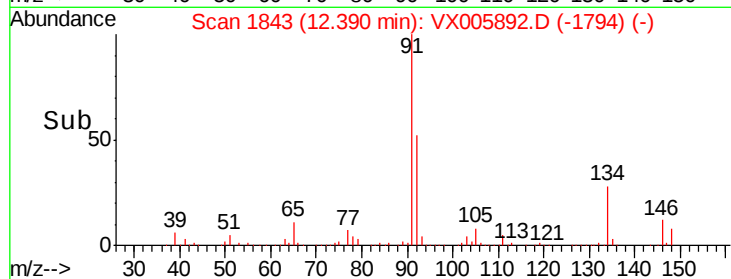
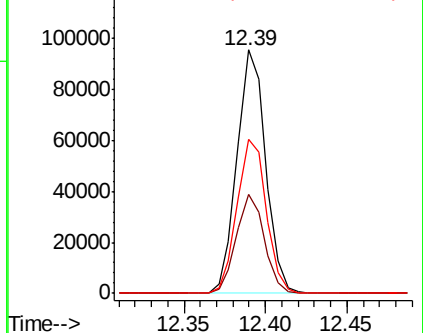
148 64.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.372 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

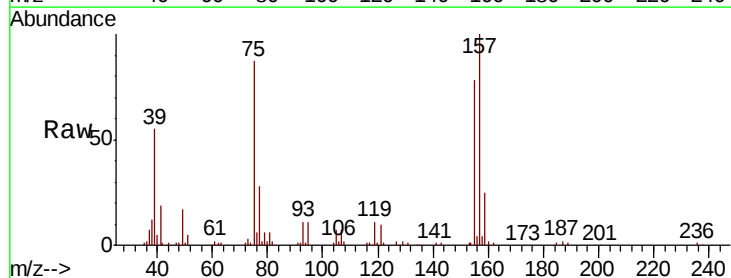
Tgt Ion: 75 Resp: 19254

Ion Ratio Lower Upper

75 100

155 91.1 45.4 136.1

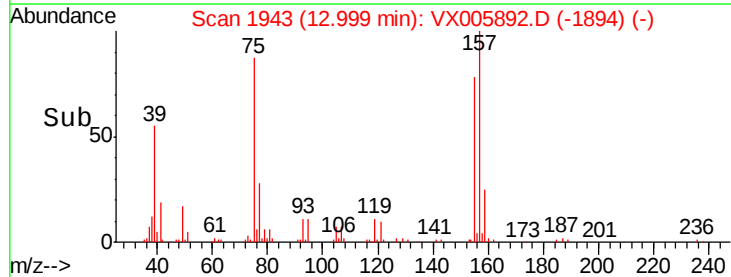
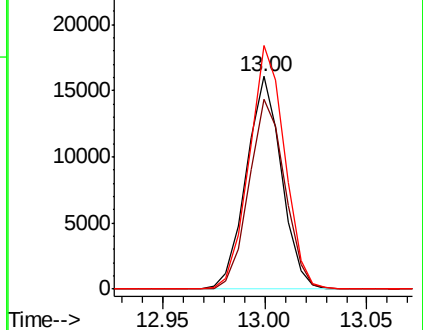
157 115.6 57.4 172.0

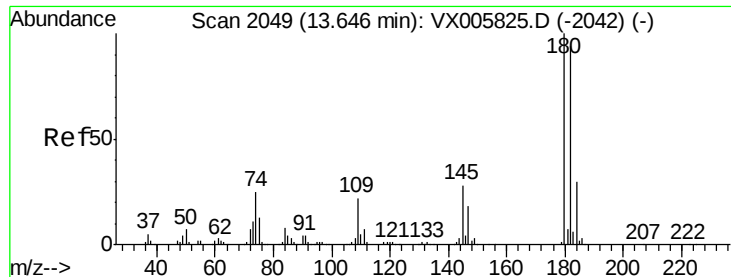


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

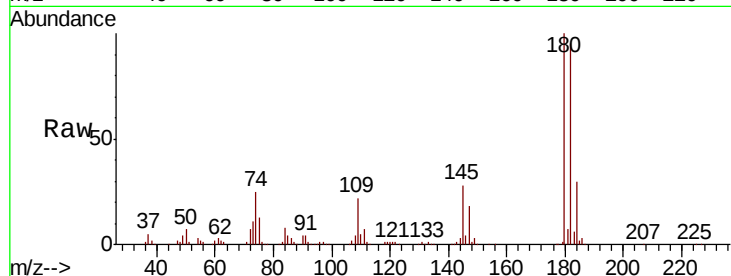




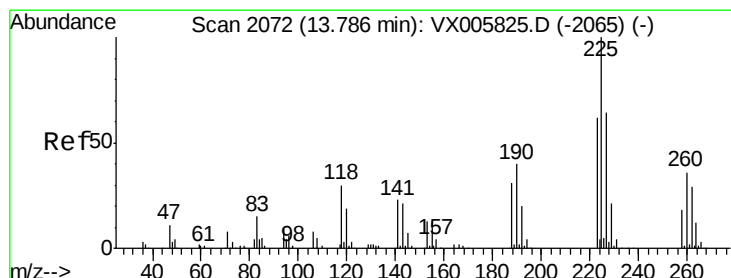
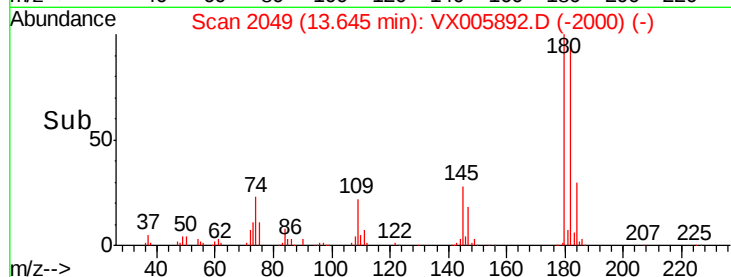
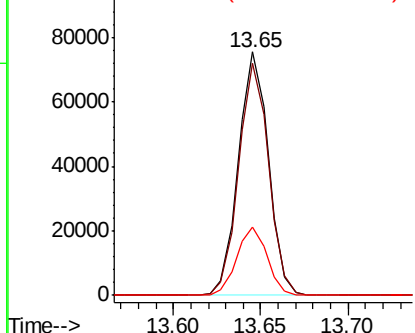
#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.799 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:180 Resp: 89834  
 Ion Ratio Lower Upper  
 180 100  
 182 95.3 47.6 142.8  
 145 28.4 14.1 42.2

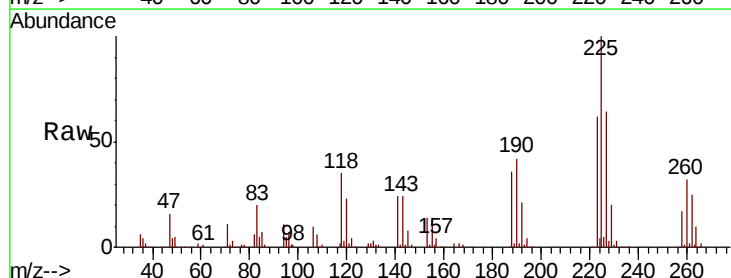


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

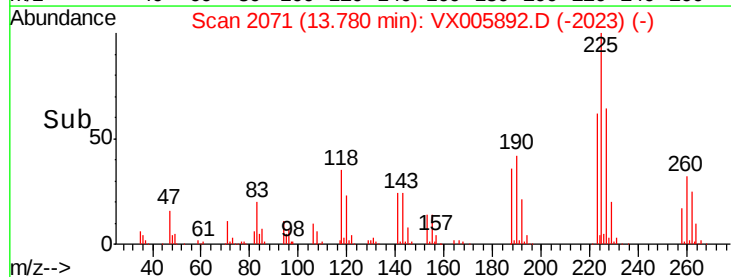
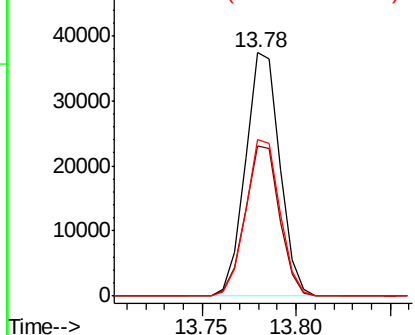


#94  
 Hexachlorobutadiene  
 Concen: 50.823 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.01 min  
 Lab File: VX005892.D  
 Acq: 12 Nov 2018 11:23

Tgt Ion:225 Resp: 47211  
 Ion Ratio Lower Upper  
 225 100  
 223 61.7 31.7 95.1  
 227 63.9 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 45.523 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

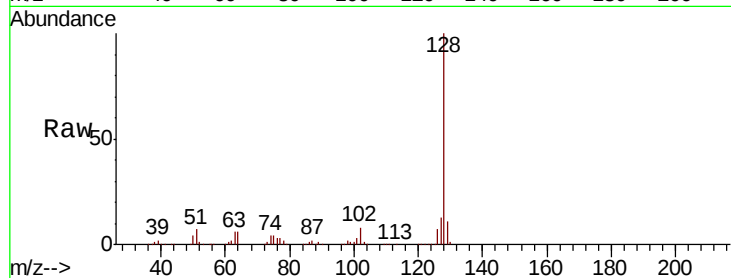
Tot Ion:128 Resp: 261917

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

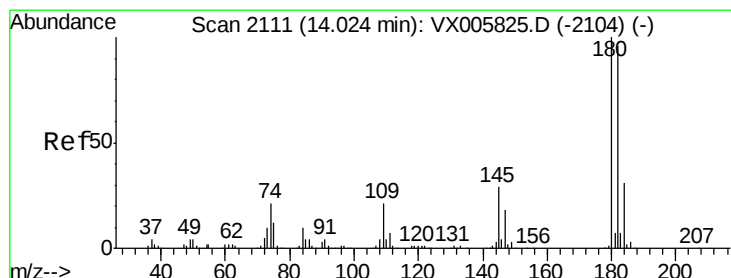
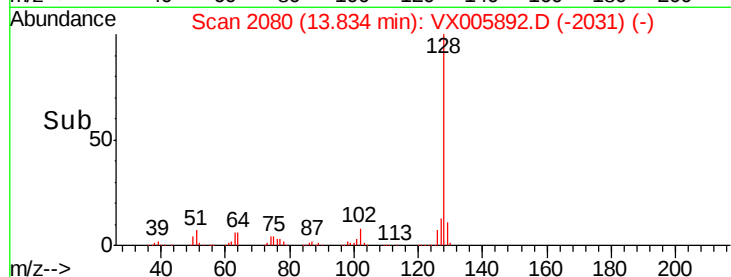
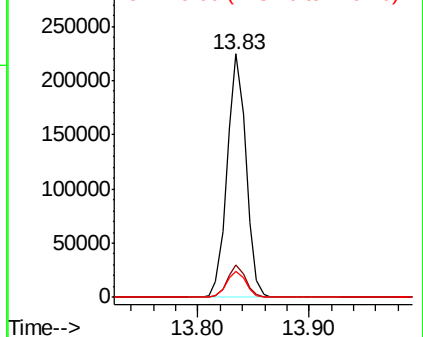
129 11.0 8.7 13.1



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: 50.112 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005892.D

Acq: 12 Nov 2018 11:23

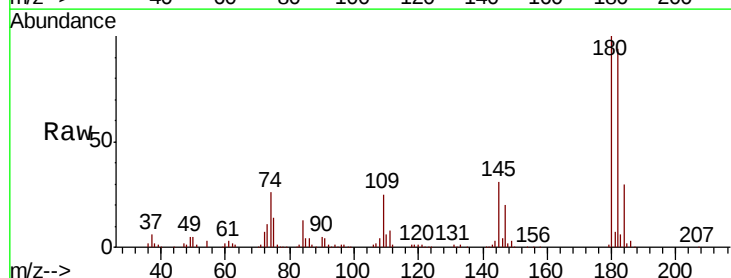
Tgt Ion:180 Resp: 90283

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.2

145 29.9 15.1 45.3



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

