

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\  
 Data File : VX012922.D  
 Acq On : 09 Oct 2019 05:05  
 Operator : JC/SP  
 Sample : K5154-26  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 09 05:59:21 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100819W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 09 01:51:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 186076   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 312464   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 268554   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 109320   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.05  | 65   | 120471   | 51.80 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.60% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 93134    | 51.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.86% |          |
| 50) Toluene-d8              | 8.71  | 98   | 365133   | 52.20 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.40% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 128709   | 47.36 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.72%  |          |

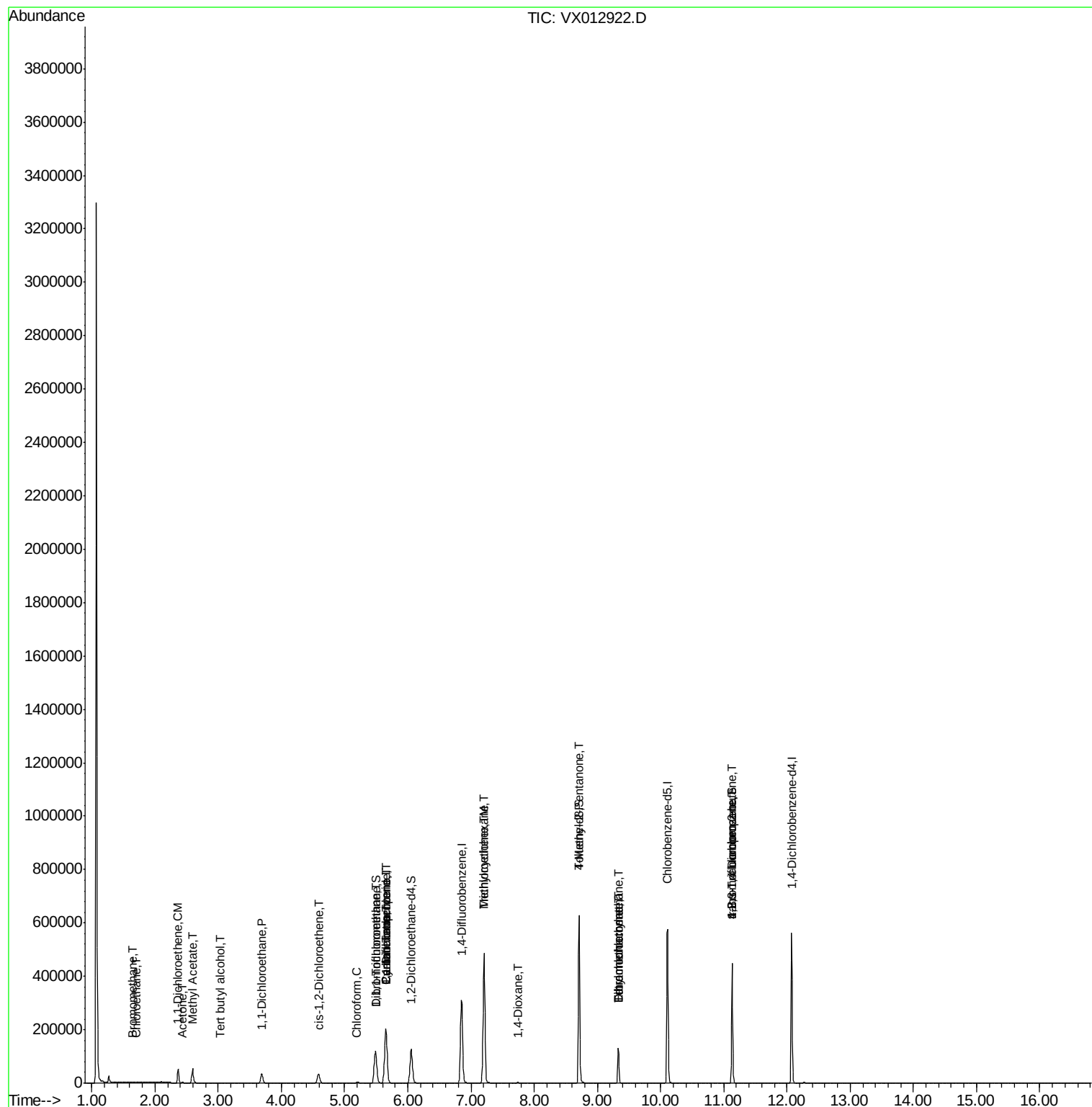
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 1.65  | 94   | 271      | 0.306     | ug/l # | 66     |
| 6) Chloroethane                | 1.70  | 64   | 1679     | 1.648     | ug/l # | 43     |
| 11) Tert butyl alcohol         | 3.03  | 59   | 919      | 1.491     | ug/l # | 72     |
| 12) 1,1-Dichloroethene         | 2.37  | 96   | 17221    | 9.158     | ug/l   | 97     |
| 16) Acetone                    | 2.44  | 43   | 3389     | 2.765     | ug/l   | 95     |
| 18) Methyl Acetate             | 2.59  | 43   | 14503    | 4.991     | ug/l # | 51     |
| 24) 1,1-Dichloroethane         | 3.69  | 63   | 38189    | 10.579    | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene     | 4.59  | 96   | 21898    | 9.426     | ug/l   | 89     |
| 28) Bromochloromethane         | 5.18  | 49   | 57       | Below Cal | #      | 13     |
| 30) Chloroform                 | 5.19  | 83   | 3395     | 0.917     | ug/l # | 67     |
| 31) Cyclohexane                | 5.65  | 56   | 3973     | 1.177     | ug/l # | 1      |
| 32) 1,1,1-Trichloroethane      | 5.48  | 97   | 11689    | 3.724     | ug/l   | 98     |
| 36) 1,1-Dichloropropene        | 5.65  | 75   | 14998    | 5.459     | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 5.65  | 117  | 19667    | 7.355     | ug/l # | 18     |
| 39) Methylcyclohexane          | 7.20  | 83   | 2251     | 0.676     | ug/l # | 1      |
| 44) Trichloroethene            | 7.21  | 130  | 188967   | 83.985    | ug/l   | 96     |
| 49) 1,4-Dioxane                | 7.74  | 88   | 1650     | 59.777    | ug/l   | 93     |
| 51) 4-Methyl-2-Pentanone       | 8.71  | 43   | 1489     | 0.484     | ug/l # | 1      |
| 56) Ethyl methacrylate         | 9.33  | 69   | 35       | 1.841     | ug/l # | 1      |
| 60) Dibromochloromethane       | 9.33  | 129  | 24628    | 12.230    | ug/l # | 10     |
| 64) Tetrachloroethene          | 9.33  | 164  | 25213    | 13.536    | ug/l   | 97     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 63146    | 26.043    | ug/l # | 32     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 63146    | 65.582    | ug/l # | 10     |

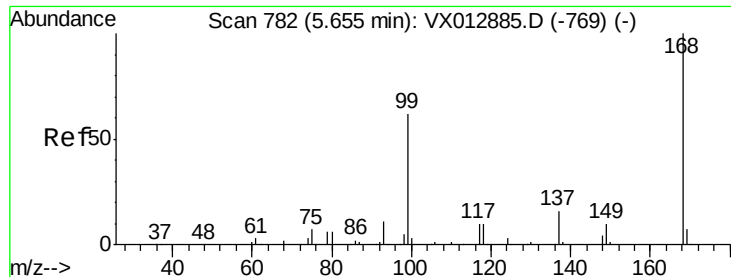
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100819\  
Data File : VX012922.D  
Acq On : 09 Oct 2019 05:05  
Operator : JC/SP  
Sample : K5154-26  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Oct 09 05:59:21 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X100819W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 09 01:51:23 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

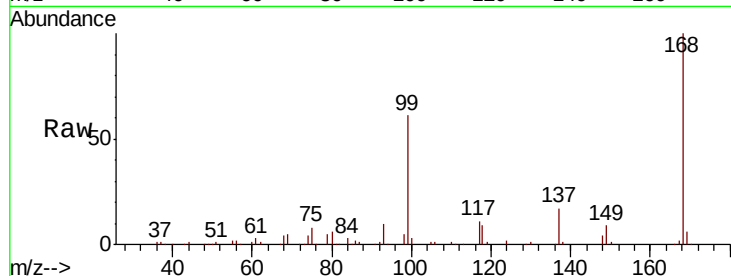
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:168 Resp: 186076

Ion Ratio Lower Upper

168 100

99 60.8 49.4 74.0

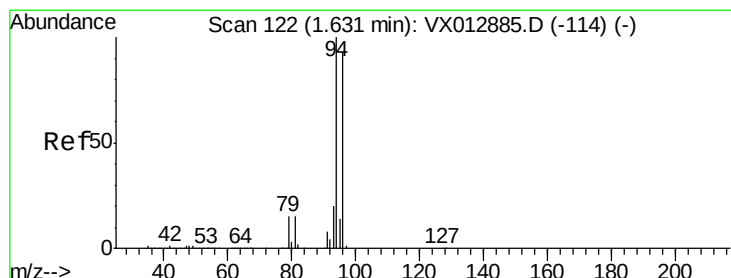
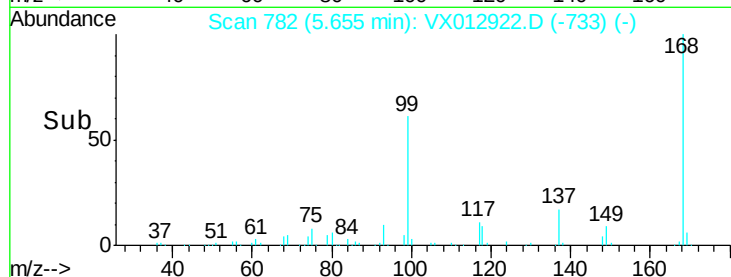


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

Time-->



#5

Bromomethane

Concen: 0.306 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX012922.D

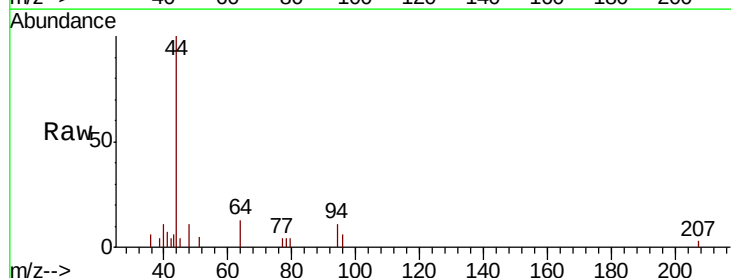
Acq: 09 Oct 2019 05:05

Tgt Ion: 94 Resp: 271

Ion Ratio Lower Upper

94 100

96 61.0 74.7 112.1#

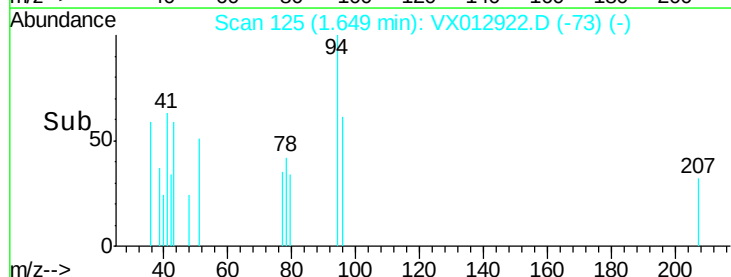


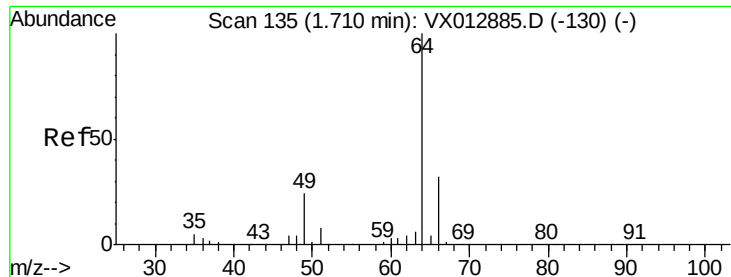
Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

Time-->





#6

Chloroethane

Concen: 1.648 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

Instrument :

MSVOA\_X

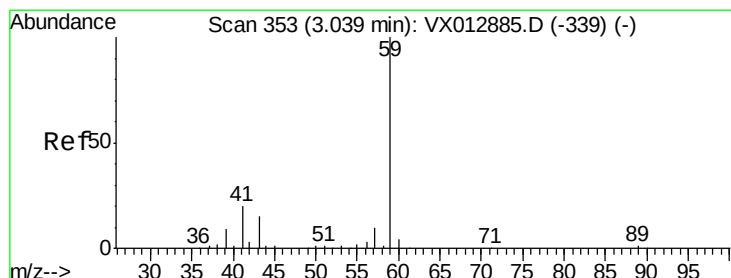
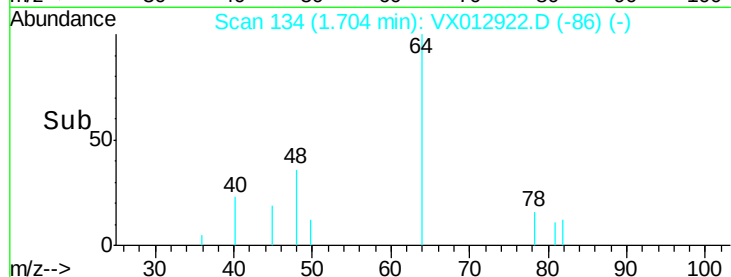
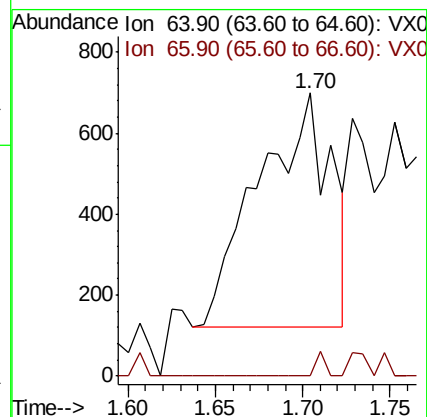
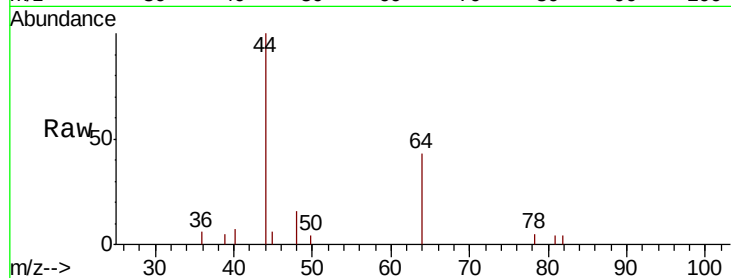
ClientSampled :

Tot Ion: 64 Resp: 1679

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



#11

Tert butyl alcohol

Concen: 1.491 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX012922.D

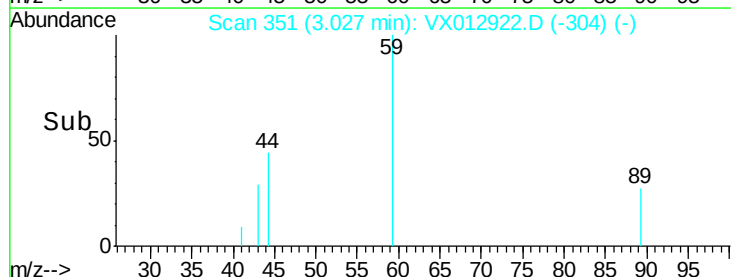
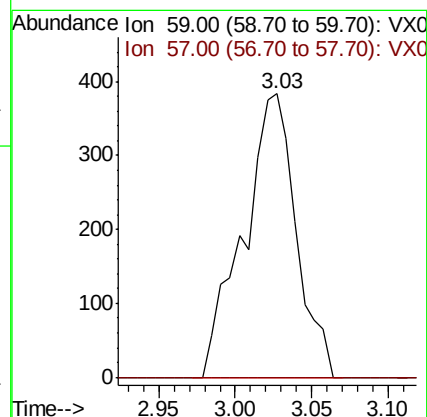
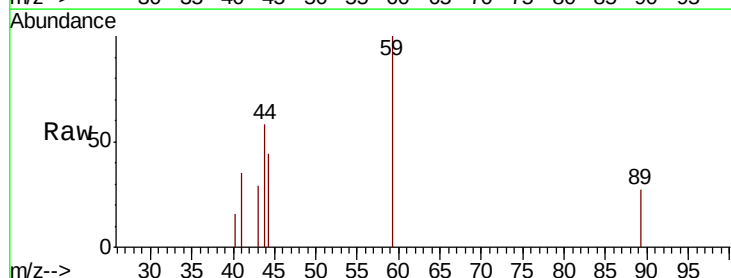
Acq: 09 Oct 2019 05:05

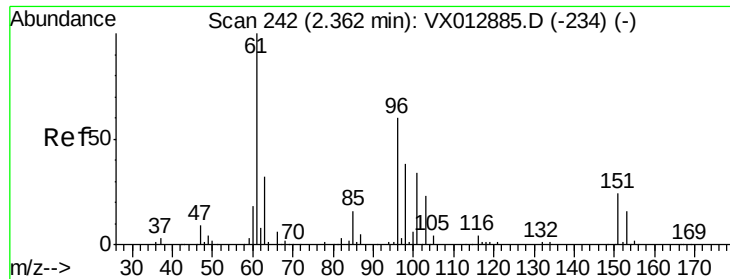
Tgt Ion: 59 Resp: 919

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

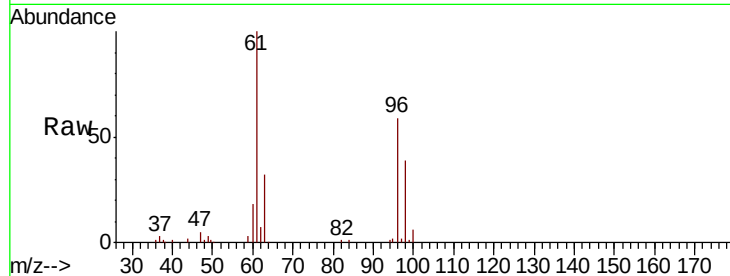




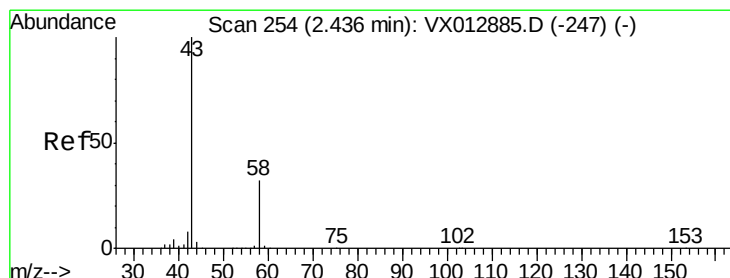
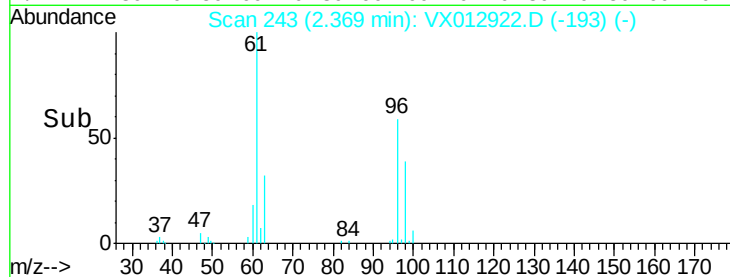
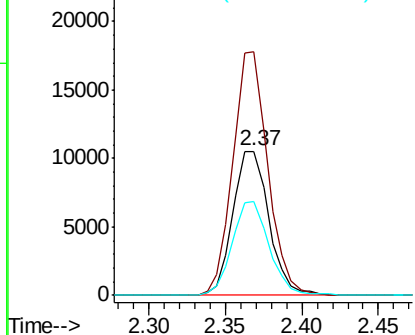
#12  
 1,1-Dichloroethene  
 Concen: 9.158 ug/l  
 RT: 2.37 min Scan# 243  
 Delta R.T. 0.01 min  
 Lab File: VX012922.D  
 Acq: 09 Oct 2019 05:05

Instrument :  
 MSVOA\_X  
 ClientSampled :

Tot Ion: 96 Resp: 17221  
 Ion Ratio Lower Upper  
 96 100  
 61 168.6 132.2 198.4  
 98 65.4 50.5 75.7

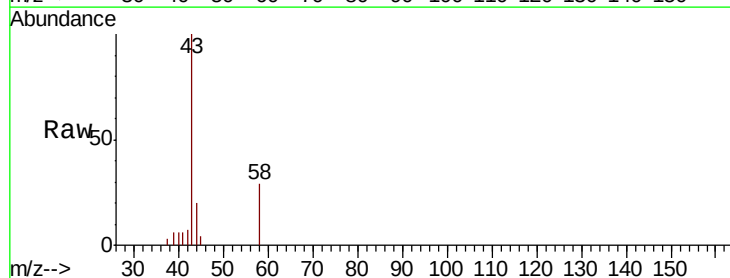


Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0

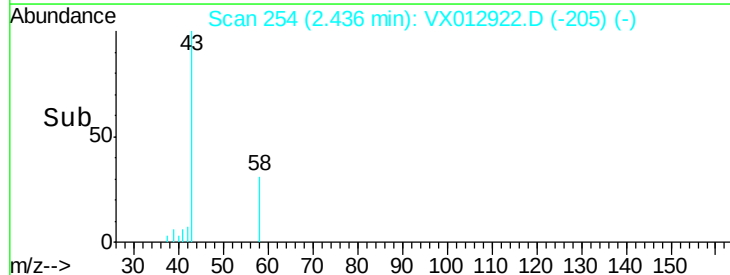
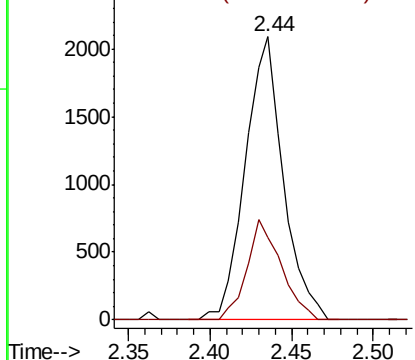


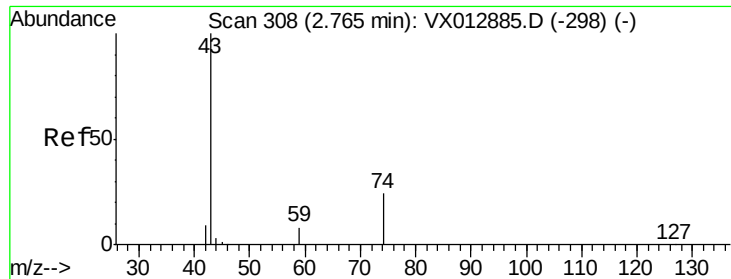
#16  
 Acetone  
 Concen: 2.765 ug/l  
 RT: 2.44 min Scan# 254  
 Delta R.T. 0.00 min  
 Lab File: VX012922.D  
 Acq: 09 Oct 2019 05:05

Tgt Ion: 43 Resp: 3389  
 Ion Ratio Lower Upper  
 43 100  
 58 29.0 25.4 38.2



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

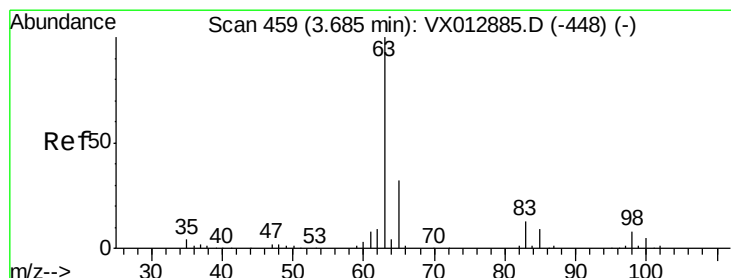
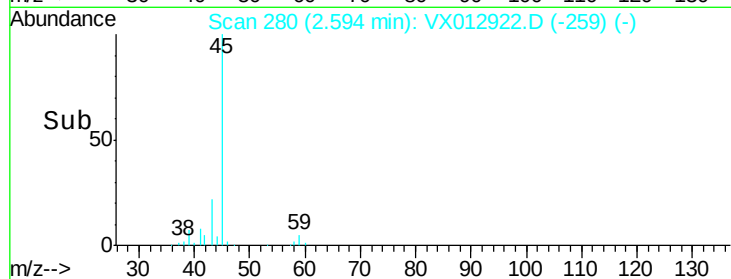
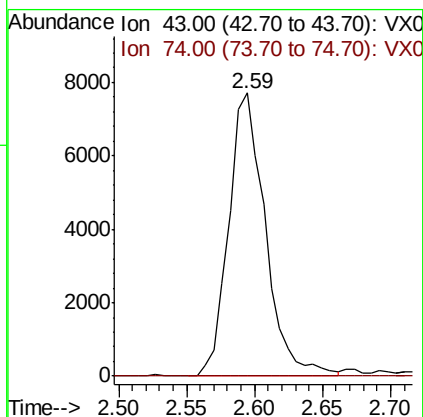
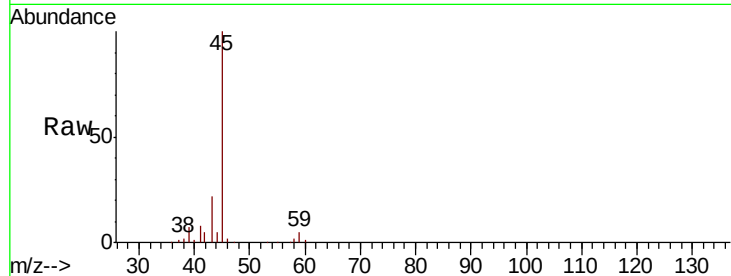




#18  
Methvl Acetate  
Concen: 4.991 ug/l  
RT: 2.59 min Scan# 280  
Delta R.T. -0.17 min  
Lab File: VX012922.D  
Acq: 09 Oct 2019 05:05

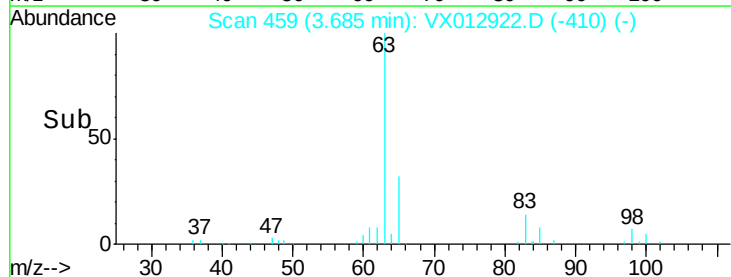
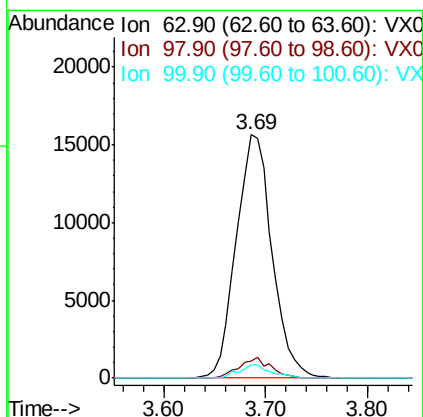
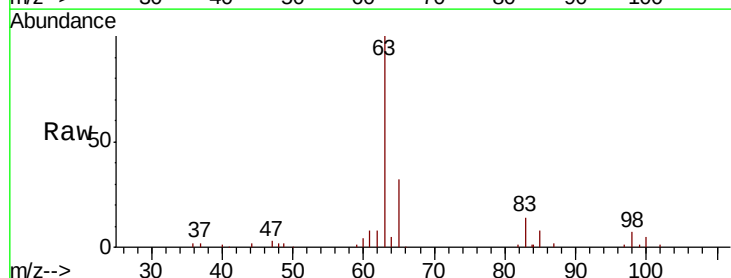
Instrument :  
MSVOA\_X  
ClientSampleId :

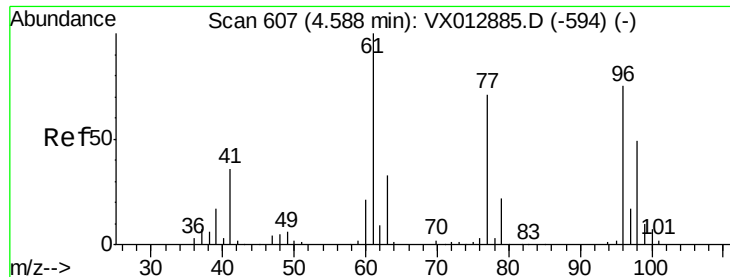
Tot Ion: 43 Resp: 14503  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.2 28.8#



#24  
1,1-Dichloroethane  
Concen: 10.579 ug/l  
RT: 3.69 min Scan# 459  
Delta R.T. 0.00 min  
Lab File: VX012922.D  
Acq: 09 Oct 2019 05:05

Tgt Ion: 63 Resp: 38189  
Ion Ratio Lower Upper  
63 100  
98 7.0 3.9 11.5  
100 5.4 2.3 6.9



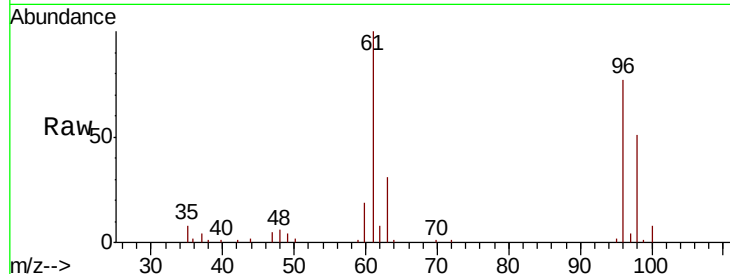


#27

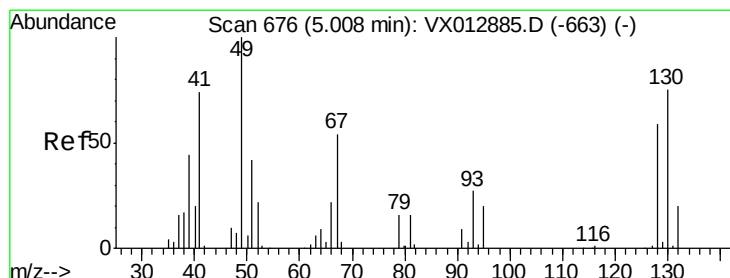
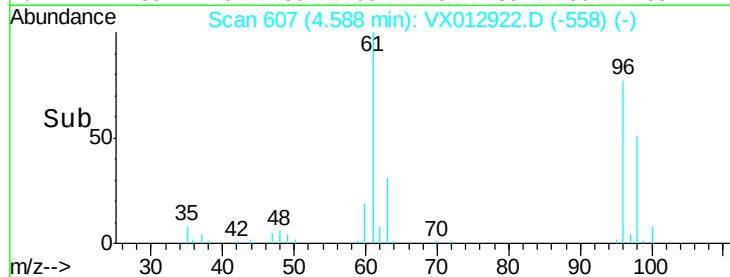
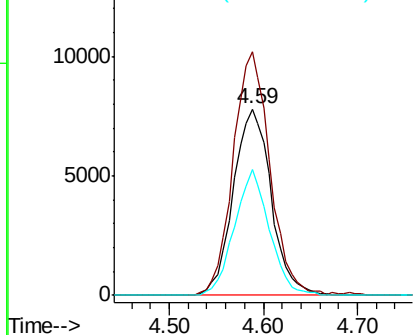
cis-1,2-Dichloroethene  
 Concen: 9.426 ug/l  
 RT: 4.59 min Scan# 607  
 Delta R.T. 0.00 min  
 Lab File: VX012922.D  
 Acq: 09 Oct 2019 05:05

Instrument :  
 MSVOA\_X  
 ClientSampled :

Tot Ion: 96 Resp: 21898  
 Ion Ratio Lower Upper  
 96 100  
 61 126.8 0.0 290.6  
 98 62.2 0.0 128.8



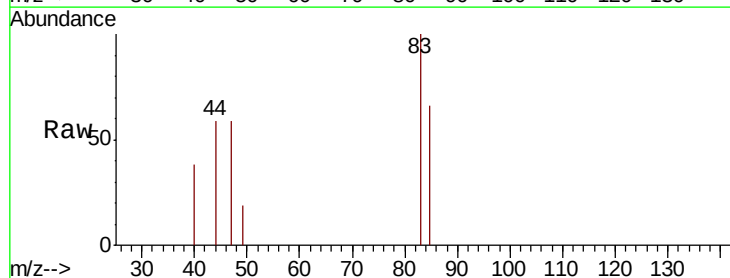
Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0



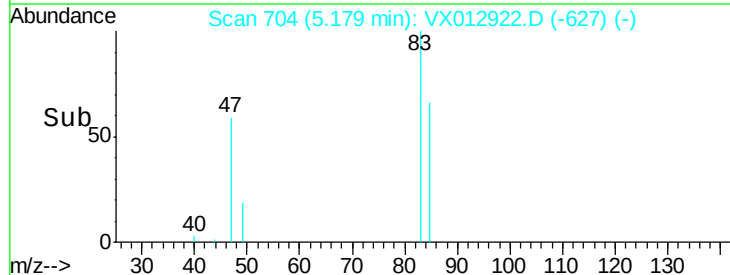
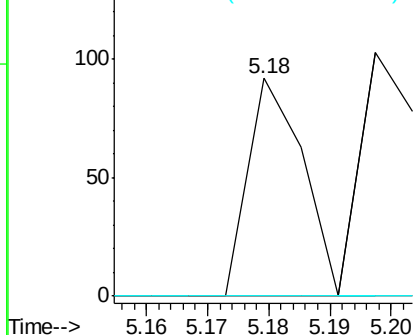
#28

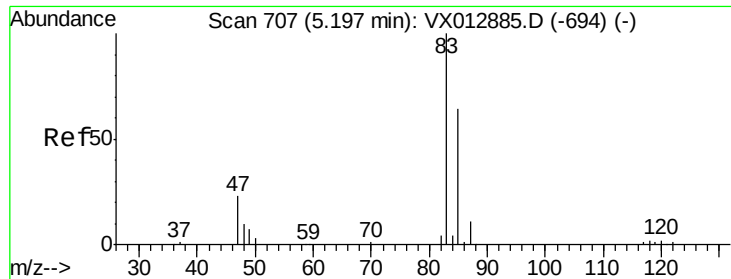
Bromochloromethane  
 Concen: Below Cal  
 RT: 5.18 min Scan# 704  
 Delta R.T. 0.17 min  
 Lab File: VX012922.D  
 Acq: 09 Oct 2019 05:05

Tgt Ion: 49 Resp: 57  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 4.2  
 130 0.0 62.1 93.1#



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

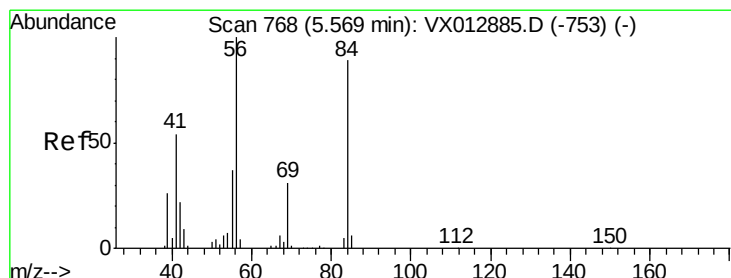
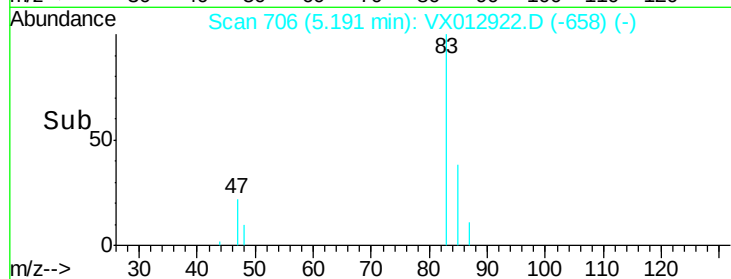
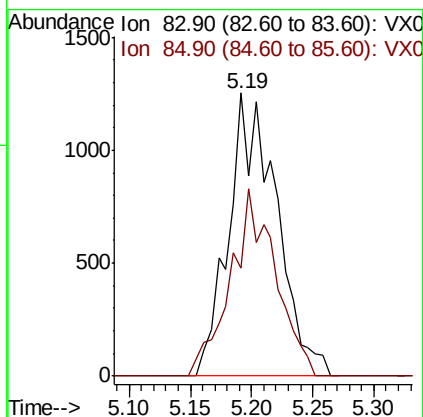
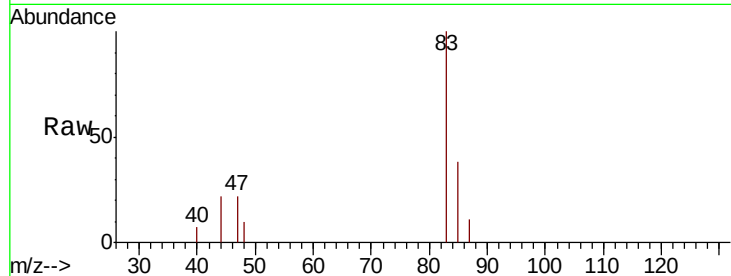




#30  
Chloroform  
Concen: 0.917 ug/l  
RT: 5.19 min Scan# 706  
Delta R.T. -0.01 min  
Lab File: VX012922.D  
Acq: 09 Oct 2019 05:05

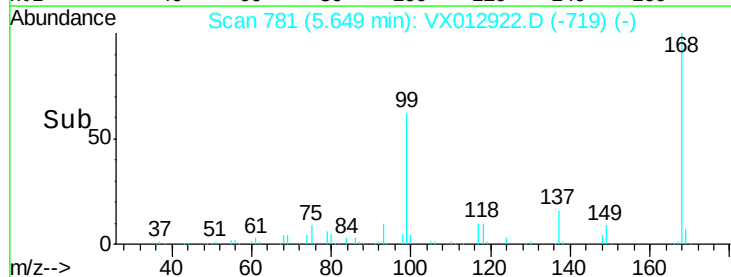
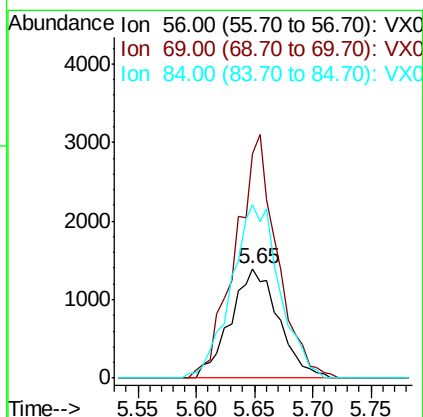
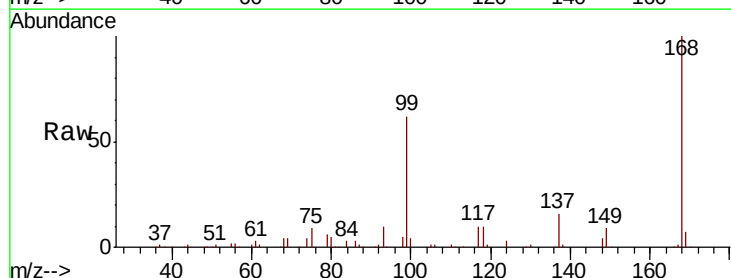
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 83 Resp: 3395  
Ion Ratio Lower Upper  
83 100  
85 38.1 51.5 77.3#

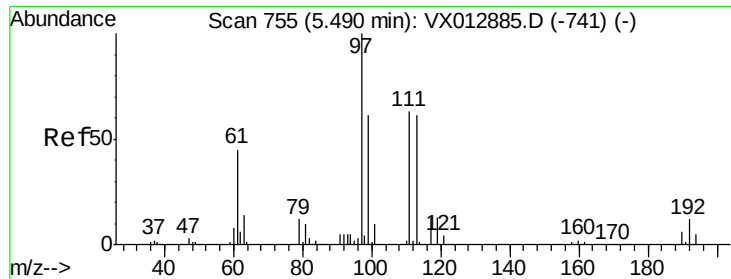


#31  
Cyclohexane  
Concen: 1.177 ug/l  
RT: 5.65 min Scan# 781  
Delta R.T. 0.08 min  
Lab File: VX012922.D  
Acq: 09 Oct 2019 05:05

Tgt Ion: 56 Resp: 3973  
Ion Ratio Lower Upper  
56 100  
69 204.8 25.2 37.8#  
84 158.2 71.3 106.9#







#32

1,1,1-Trichloroethane

Concen: 3.724 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

Instrument :

MSVOA\_X

ClientSampleId :

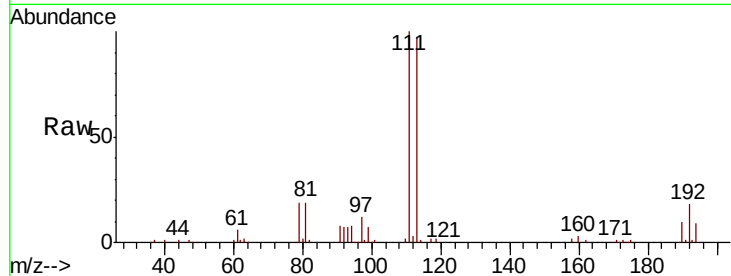
Tot Ion: 97 Resp: 11689

Ion Ratio Lower Upper

97 100

99 64.6 52.3 78.5

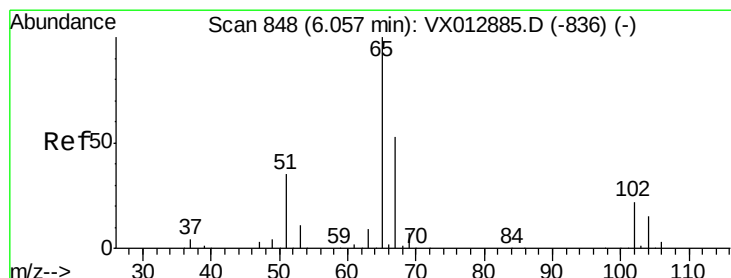
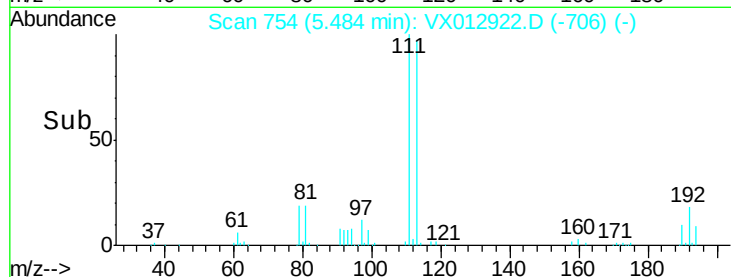
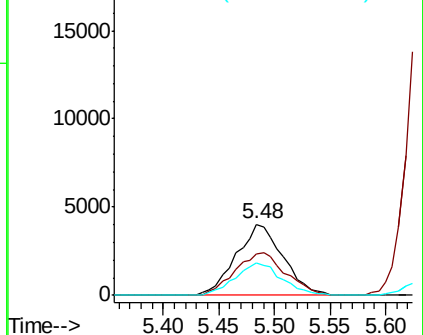
61 45.3 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.800 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012922.D

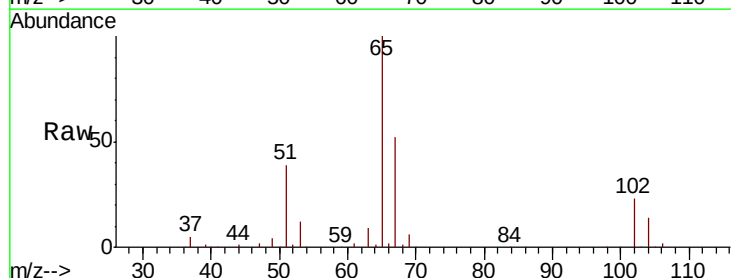
Acq: 09 Oct 2019 05:05

Tgt Ion: 65 Resp: 120471

Ion Ratio Lower Upper

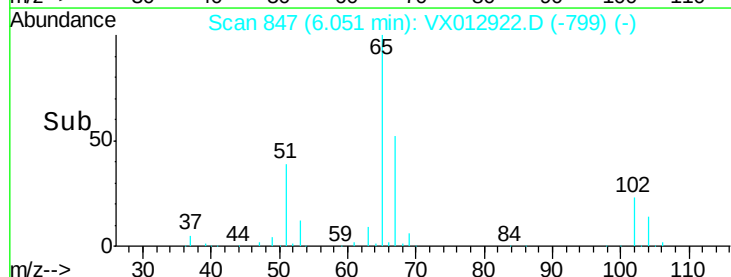
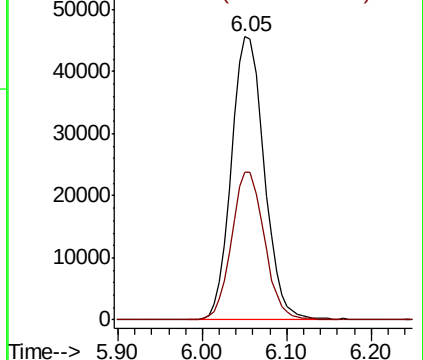
65 100

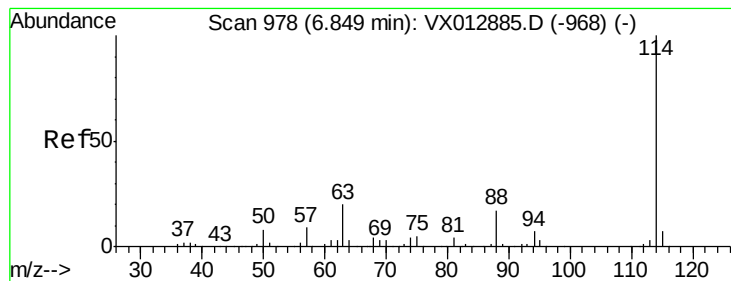
67 52.2 0.0 104.4



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

Instrument :

MSVOA\_X

ClientSampleId :

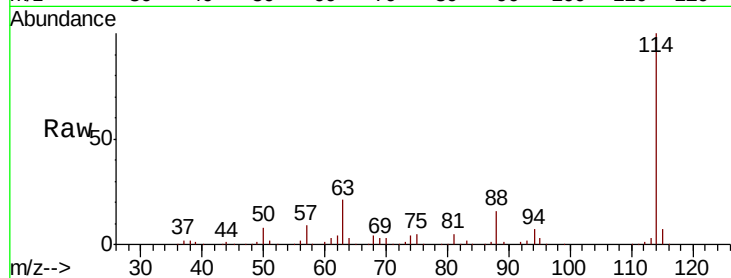
Tot Ion:114 Resp: 312464

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

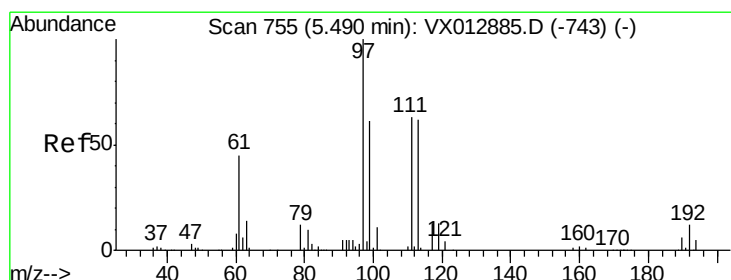
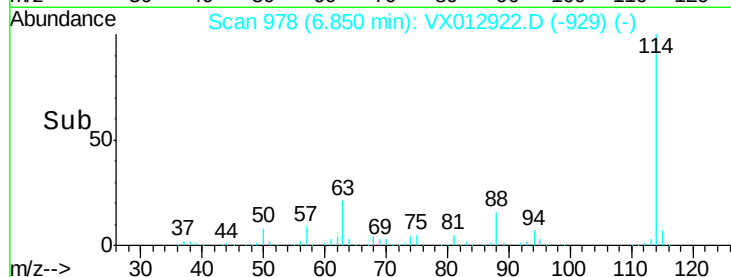
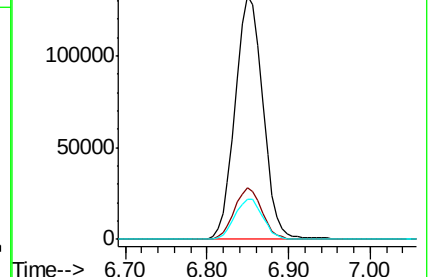
88 16.4 0.0 33.8



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: 51.932 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

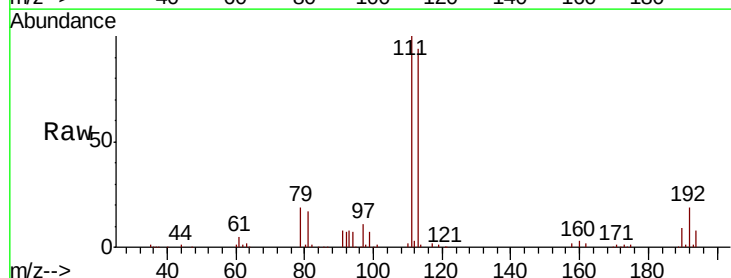
Tgt Ion:113 Resp: 93134

Ion Ratio Lower Upper

113 100

111 103.2 83.2 124.8

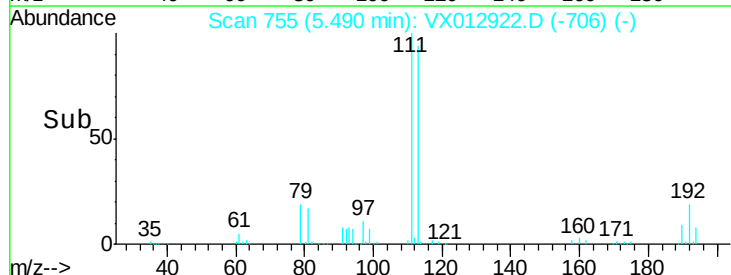
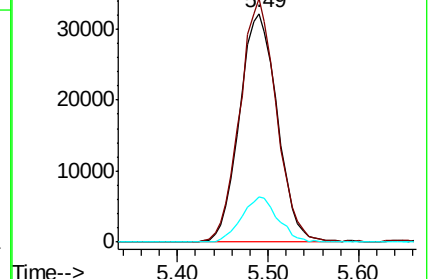
192 18.9 15.4 23.2

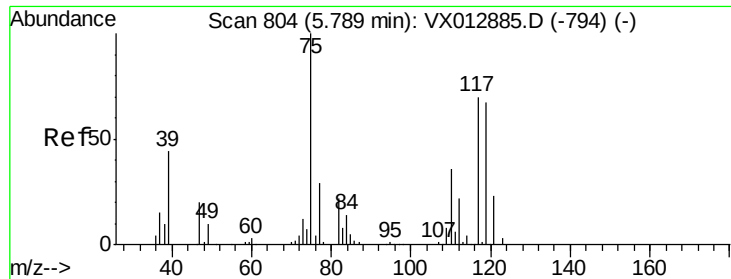


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

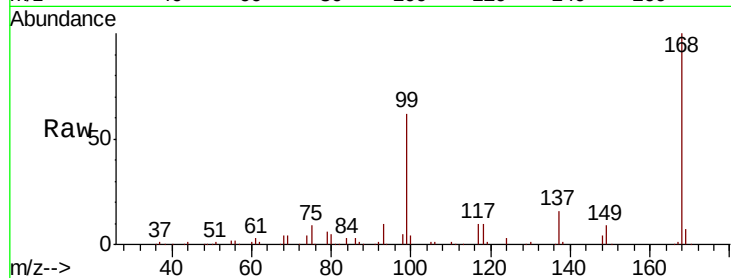




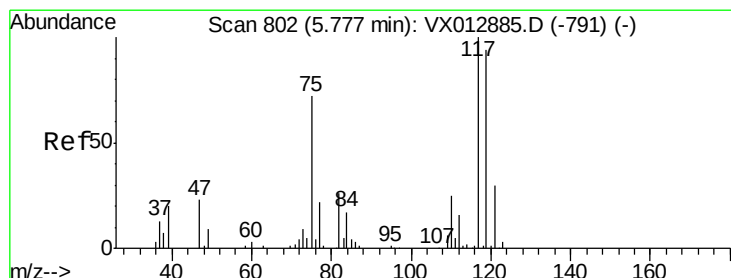
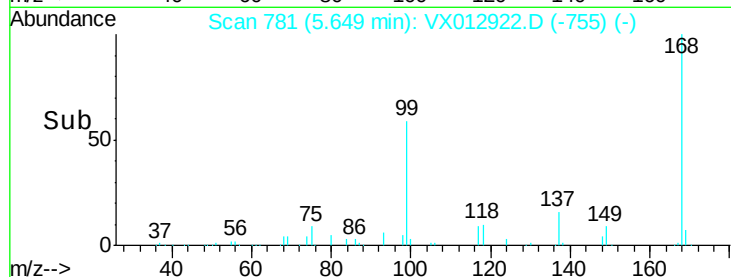
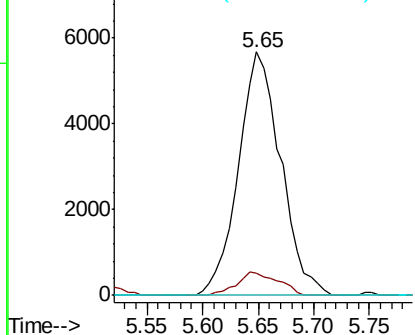
#36  
 1,1-Dichloropropene  
 Concen: 5.459 ug/l  
 RT: 5.65 min Scan# 781  
 Delta R.T. -0.14 min  
 Lab File: VX012922.D  
 Acq: 09 Oct 2019 05:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :

| Tot Ion   | 75  | Resp  | 14998 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 110       | 9.2 | 17.6  | 52.9# |
| 77        | 0.0 | 24.4  | 36.6# |

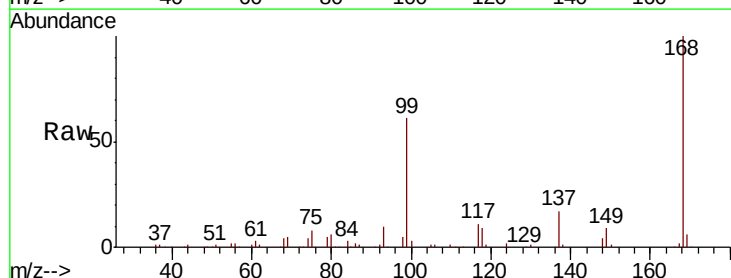


Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VX0

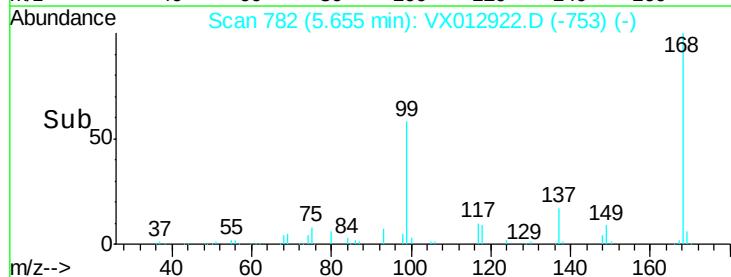
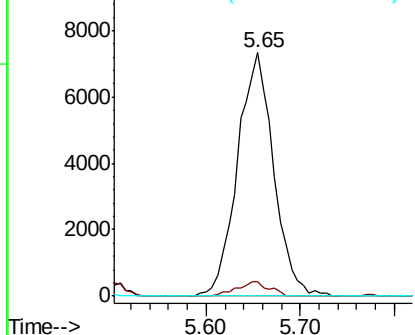


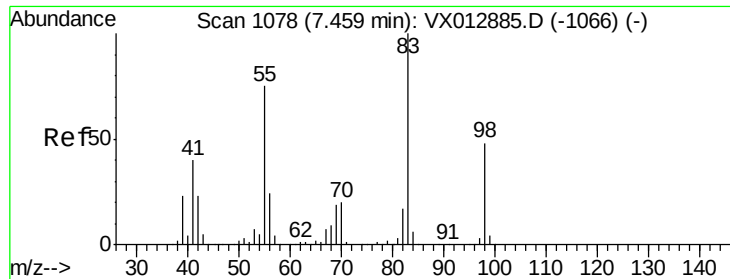
#38  
 Carbon Tetrachloride  
 Concen: 7.355 ug/l  
 RT: 5.65 min Scan# 782  
 Delta R.T. -0.12 min  
 Lab File: VX012922.D  
 Acq: 09 Oct 2019 05:05

| Tgt Ion                                              | 117 | Resp  | 19667  |
|------------------------------------------------------|-----|-------|--------|
| Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td> | 100 | Lower | Upper  |
| 119                                                  | 5.9 | 74.5  | 111.7# |
| 121                                                  | 0.0 | 24.2  | 36.4#  |



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

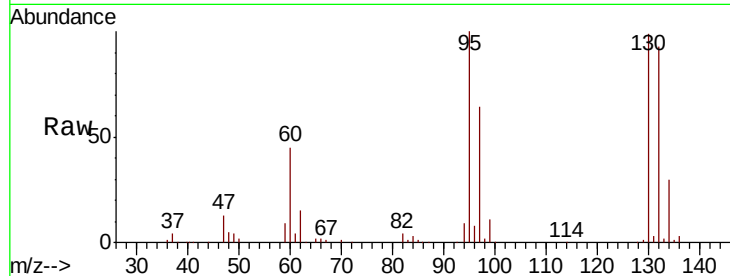




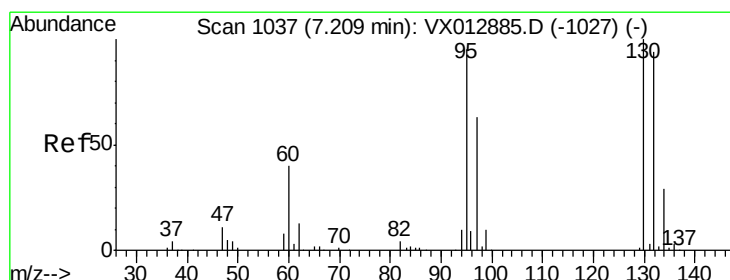
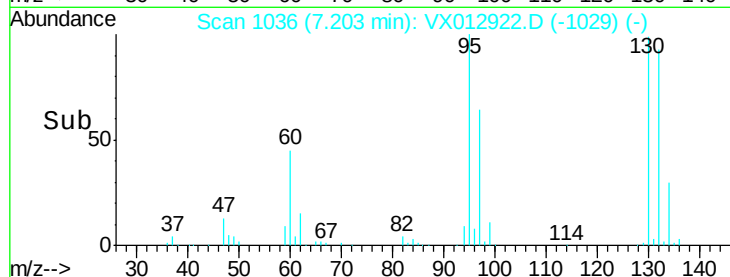
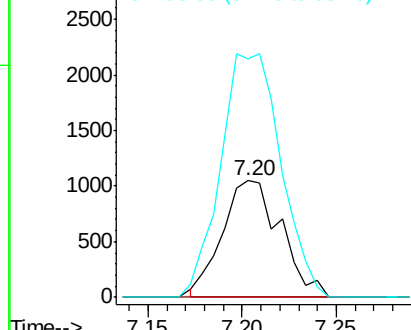
#39  
Methvlcvclohexane  
Concen: 0.676 ug/l  
RT: 7.20 min Scan# 1036  
Delta R.T. -0.26 min  
Lab File: VX012922.D  
Acq: 09 Oct 2019 05:05

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 83 Resp: 2251  
Ion Ratio Lower Upper  
83 100  
55 0.0 60.2 90.4#  
98 204.7 38.5 57.7#

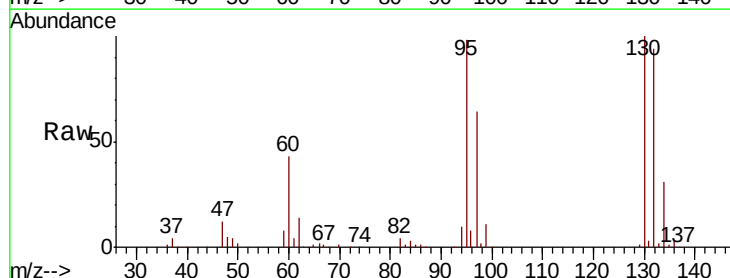


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

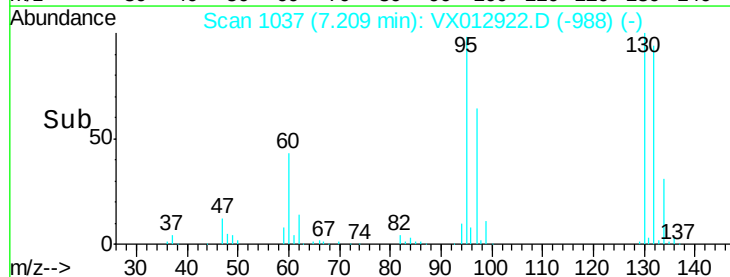
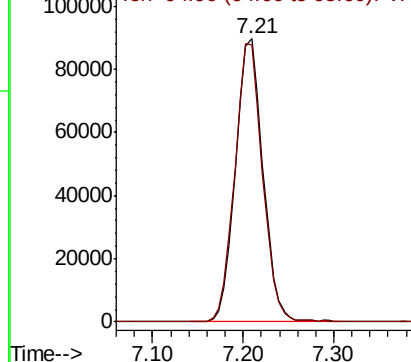


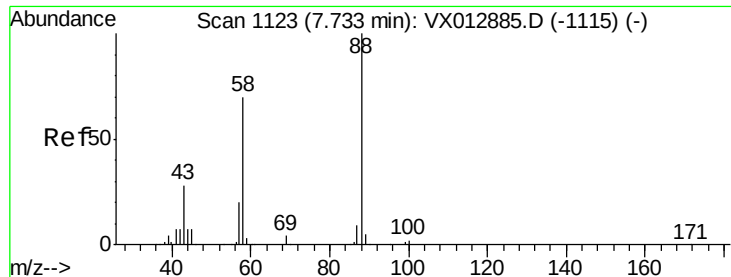
#44  
Trichloroethene  
Concen: 83.985 ug/l  
RT: 7.21 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: VX012922.D  
Acq: 09 Oct 2019 05:05

Tgt Ion:130 Resp: 188967  
Ion Ratio Lower Upper  
130 100  
95 98.0 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VX0

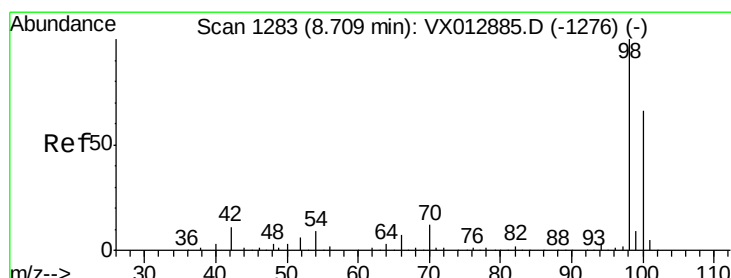
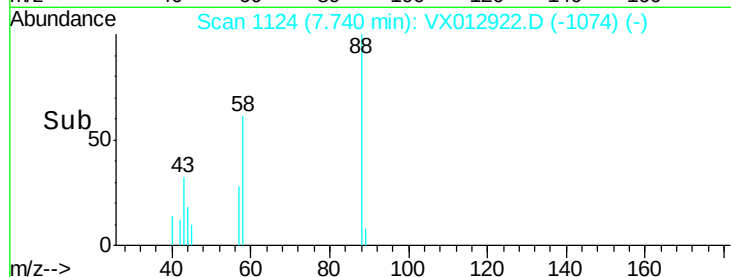
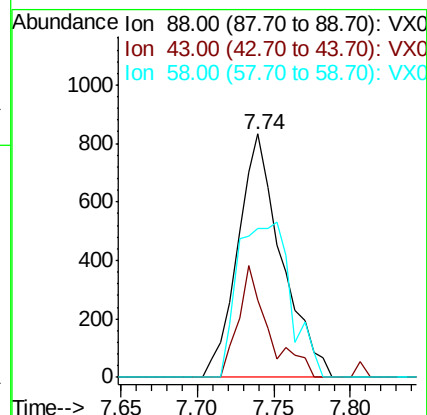
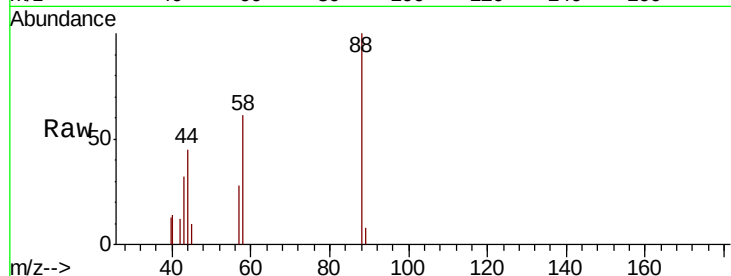




#49  
1,4-Dioxane  
Concen: 59.777 ug/l  
RT: 7.74 min Scan# 1124  
Delta R.T. 0.01 min  
Lab File: VX012922.D  
Acq: 09 Oct 2019 05:05

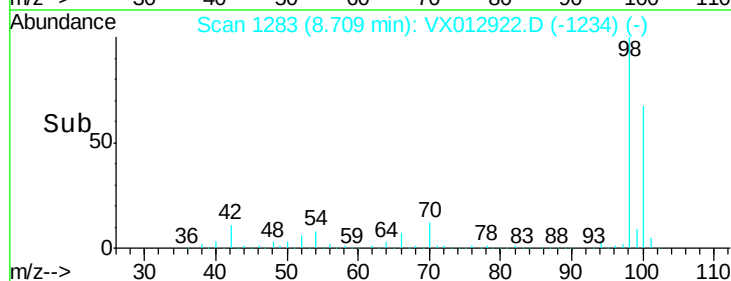
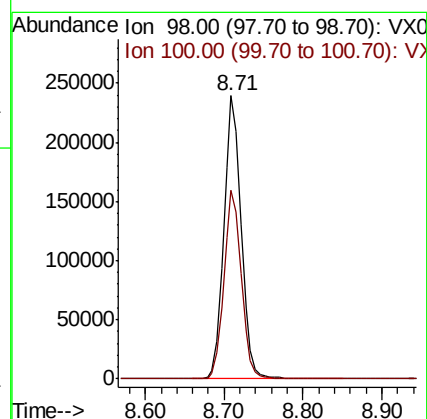
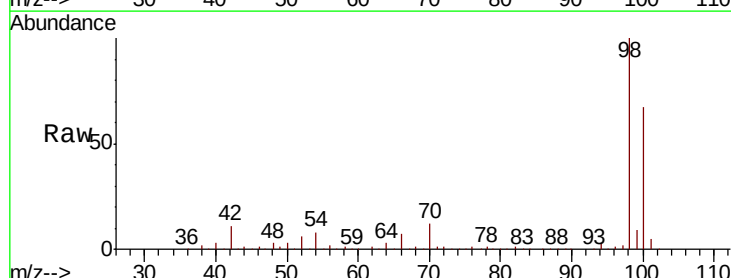
Instrument :  
MSVOA\_X  
ClientSampled :

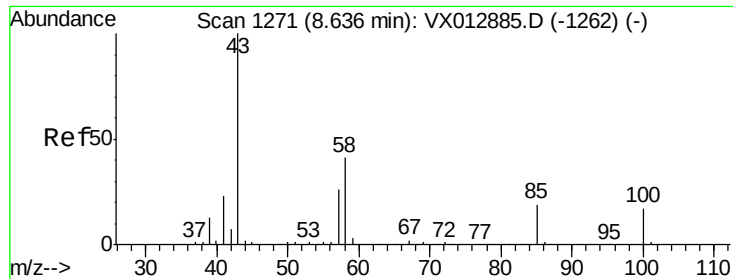
Tot Ion: 88 Resp: 1650  
Ion Ratio Lower Upper  
88 100  
43 31.8 25.0 37.6  
58 77.5 55.4 83.2



#50  
Toluene-d8  
Concen: 52.202 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX012922.D  
Acq: 09 Oct 2019 05:05

Tgt Ion: 98 Resp: 365133  
Ion Ratio Lower Upper  
98 100  
100 66.9 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 0.484 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.07 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

Instrument :

MSVOA\_X

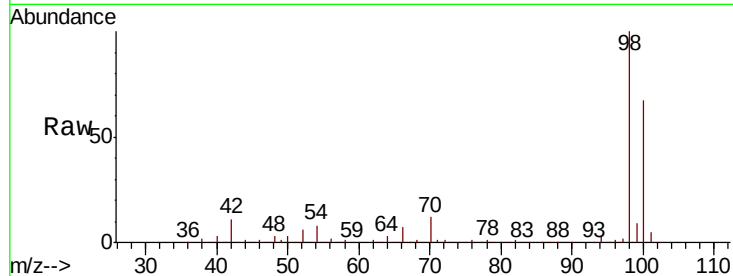
ClientSampled :

Tot Ion: 43 Resp: 1489

Ion Ratio Lower Upper

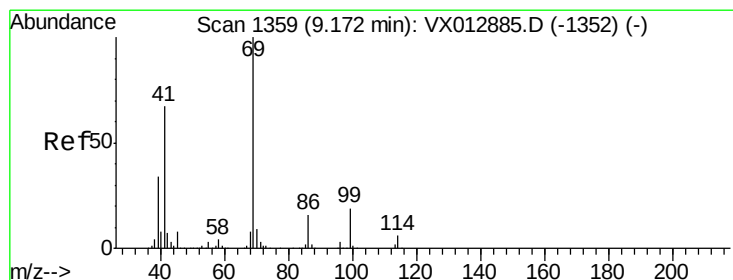
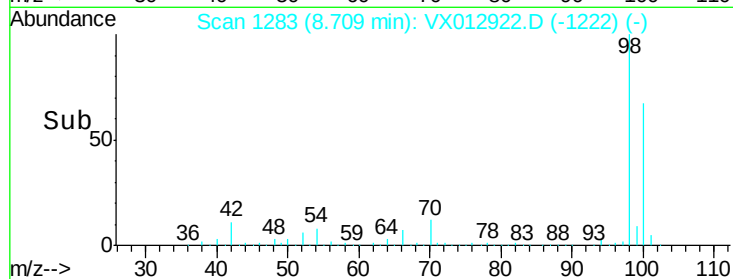
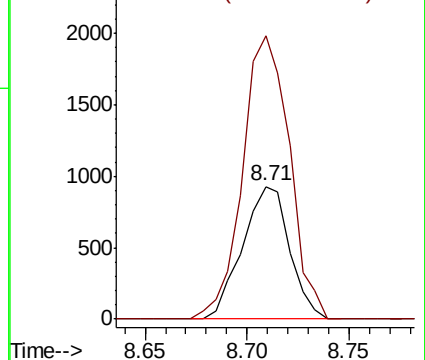
43 100

58 212.2 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#56

Ethyl methacrylate

Concen: 1.841 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.16 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

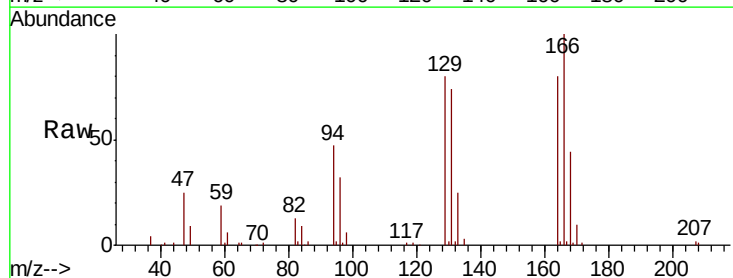
Tgt Ion: 69 Resp: 35

Ion Ratio Lower Upper

69 100

41 397.1 52.1 78.1#

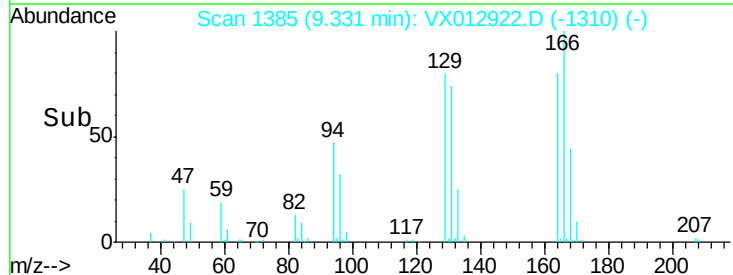
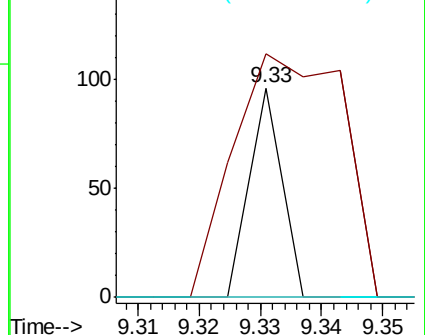
39 0.0 27.8 41.8#

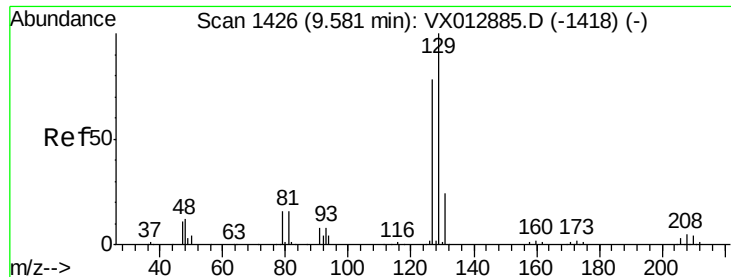


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#60

Dibromochloromethane

Concen: 12.230 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

Instrument :

MSVOA\_X

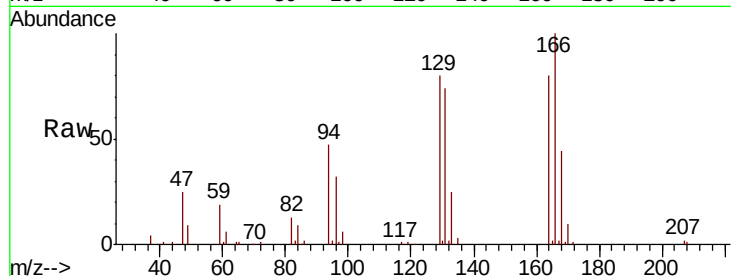
ClientSampled :

Tot Ion:129 Resp: 24628

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.33

15000

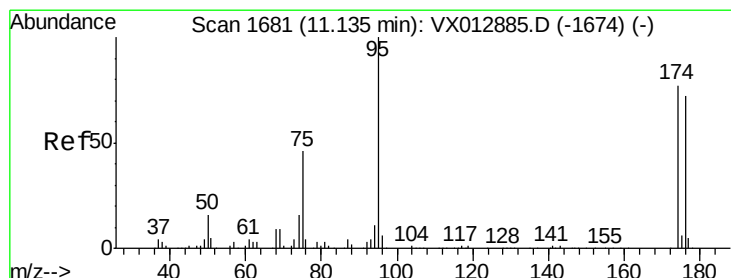
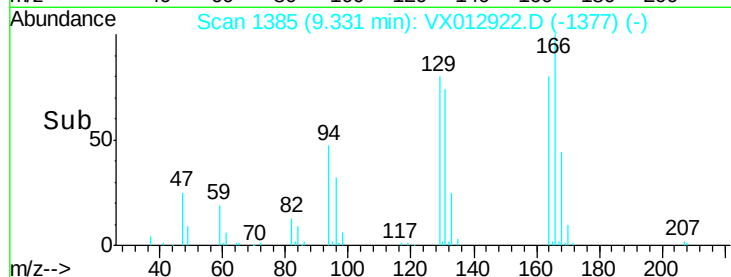
10000

5000

0

Time-->

9.25 9.30 9.35 9.40 9.45



#62

4-Bromofluorobenzene

Concen: 47.358 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

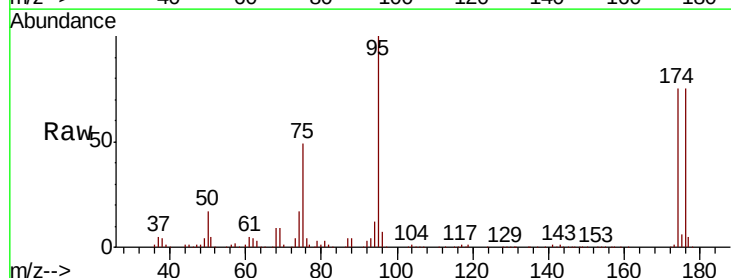
Tgt Ion: 95 Resp: 128709

Ion Ratio Lower Upper

95 100

174 71.4 0.0 143.4

176 69.4 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

120000

100000

80000

60000

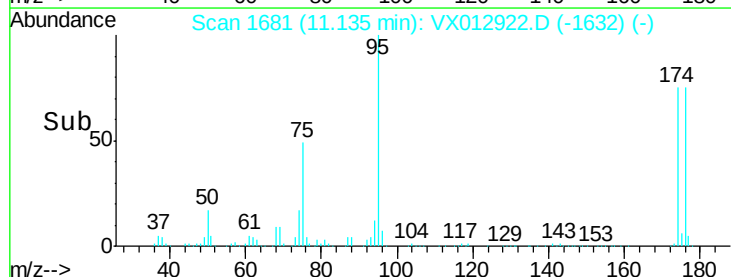
40000

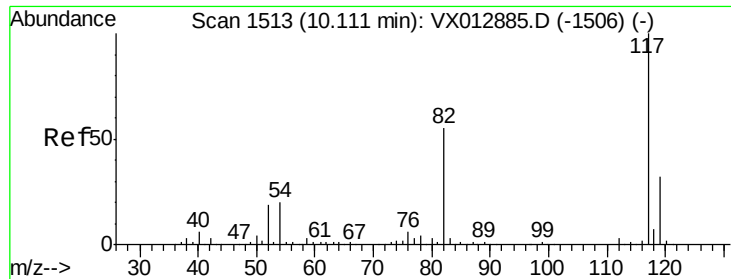
20000

0

Time-->

11.10 11.15 11.20

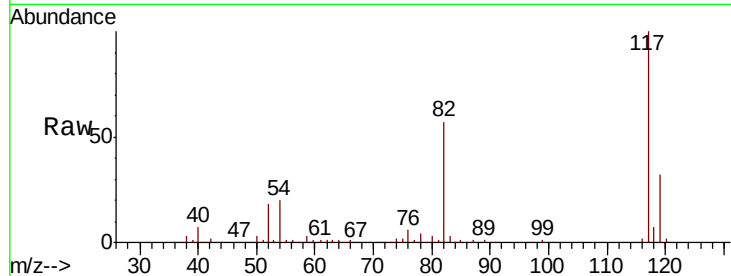




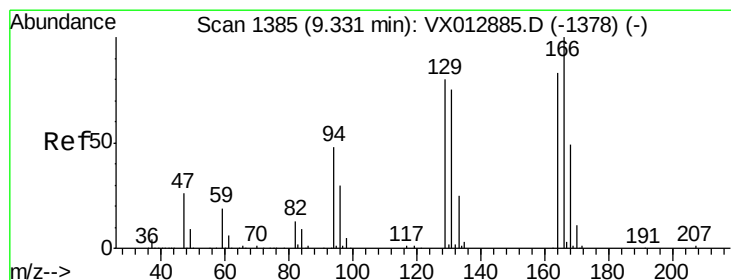
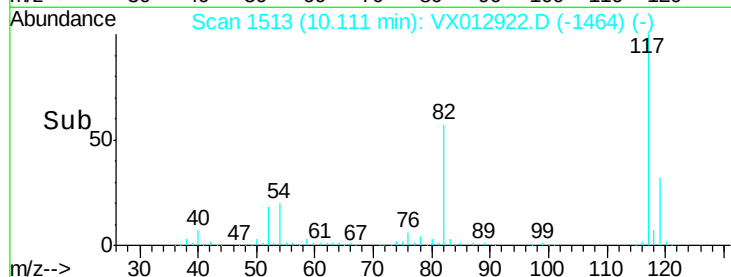
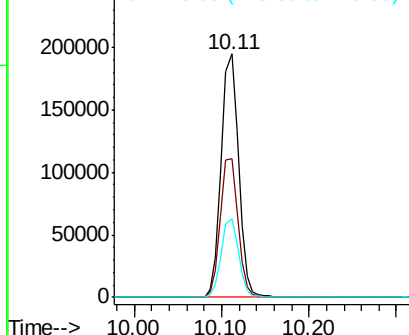
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VX012922.D  
Acq: 09 Oct 2019 05:05

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion:117 Resp: 268554  
Ion Ratio Lower Upper  
117 100  
82 57.1 44.1 66.1  
119 32.3 25.8 38.8

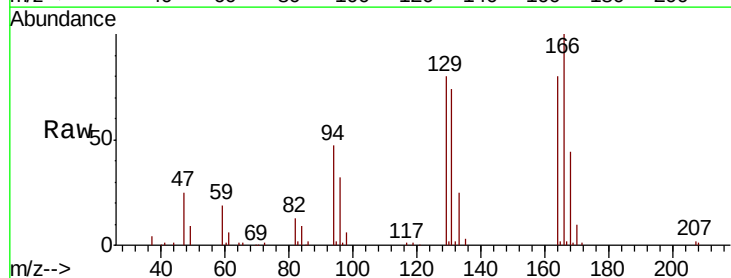


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

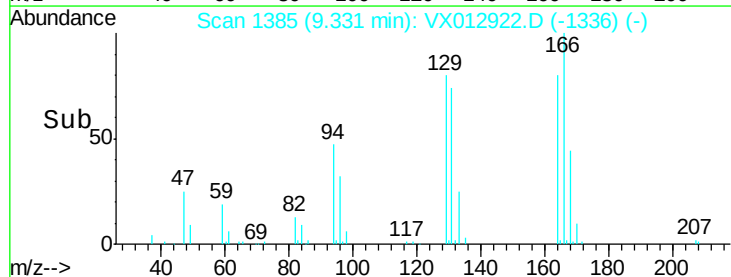
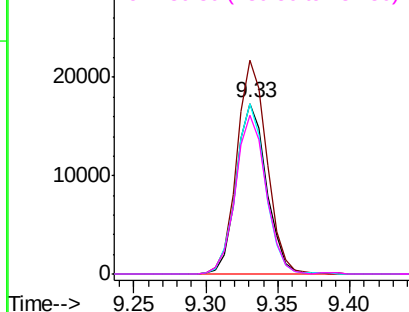


#64  
Tetrachloroethene  
Concen: 13.536 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX012922.D  
Acq: 09 Oct 2019 05:05

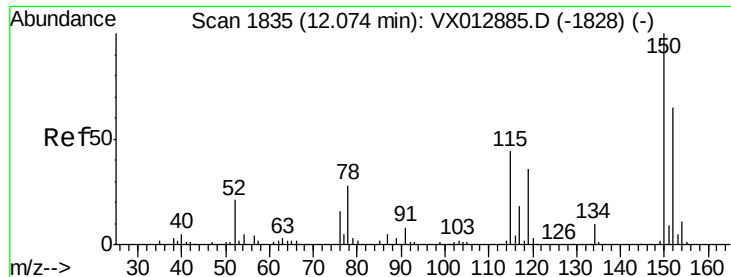
Tgt Ion:164 Resp: 25213  
Ion Ratio Lower Upper  
164 100  
166 125.4 96.9 145.3  
129 99.9 77.9 116.9  
131 93.4 72.7 109.1



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

Instrument :

MSVOA\_X

ClientSampleId :

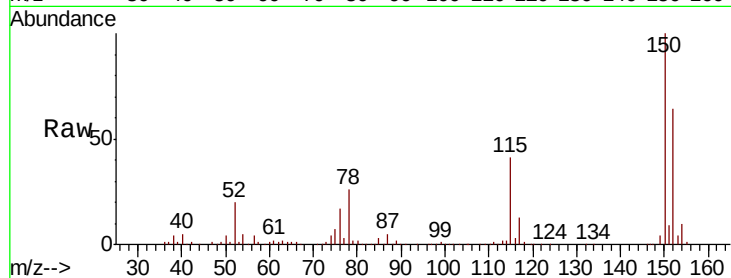
Tot Ion:152 Resp: 109320

Ion Ratio Lower Upper

152 100

115 63.4 44.5 133.5

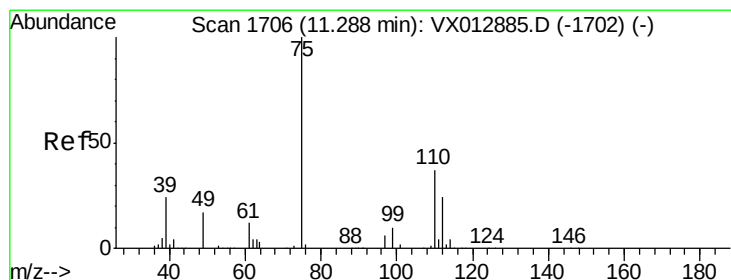
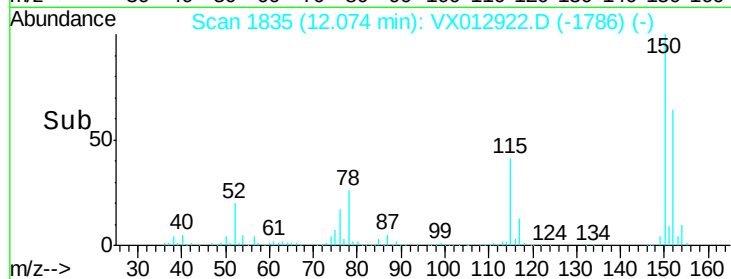
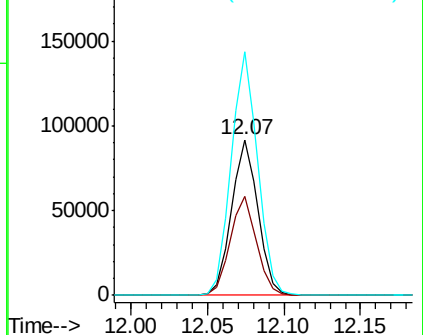
150 157.1 0.0 353.4



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



#76

1,2,3-Trichloropropane

Concen: 26.043 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012922.D

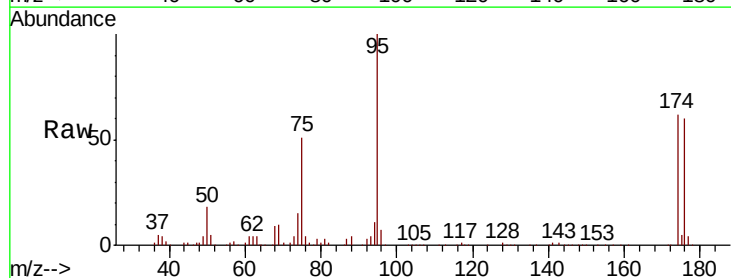
Acq: 09 Oct 2019 05:05

Tgt Ion: 75 Resp: 63146

Ion Ratio Lower Upper

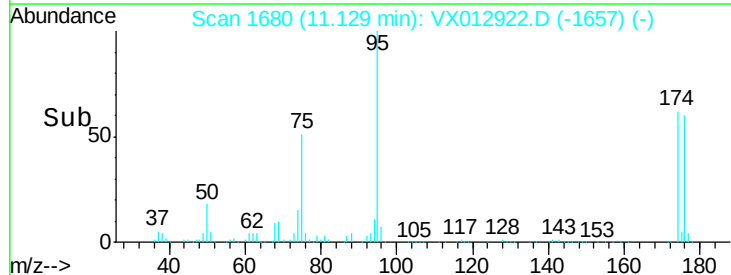
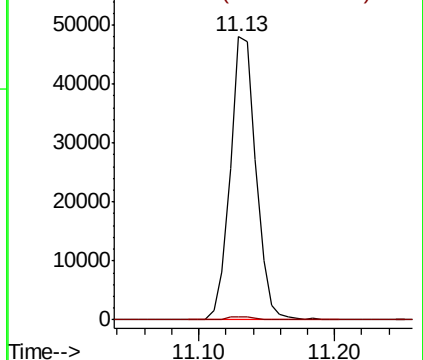
75 100

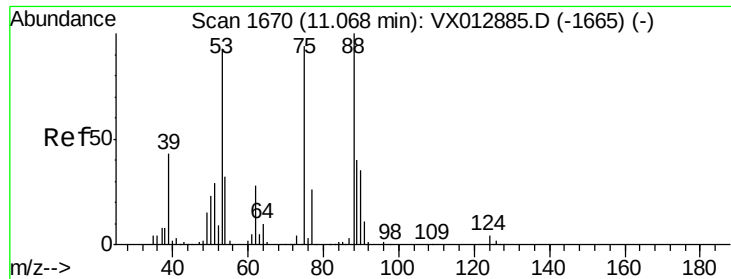
77 1.3 22.9 68.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 65.582 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

Instrument :

MSVOA\_X

ClientSampleId :

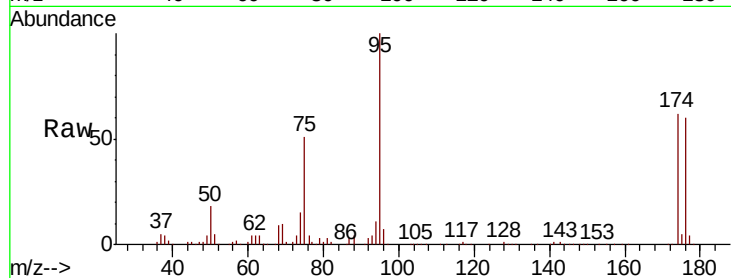
Tot Ion: 75 Resp: 63146

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.4 56.2#



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

