

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052722\  
 Data File : VX029018.D  
 Acq On : 27 May 2022 12:19  
 Operator : JC/MD  
 Sample : VX0527WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0527WBL01

Quant Time: May 27 16:39:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

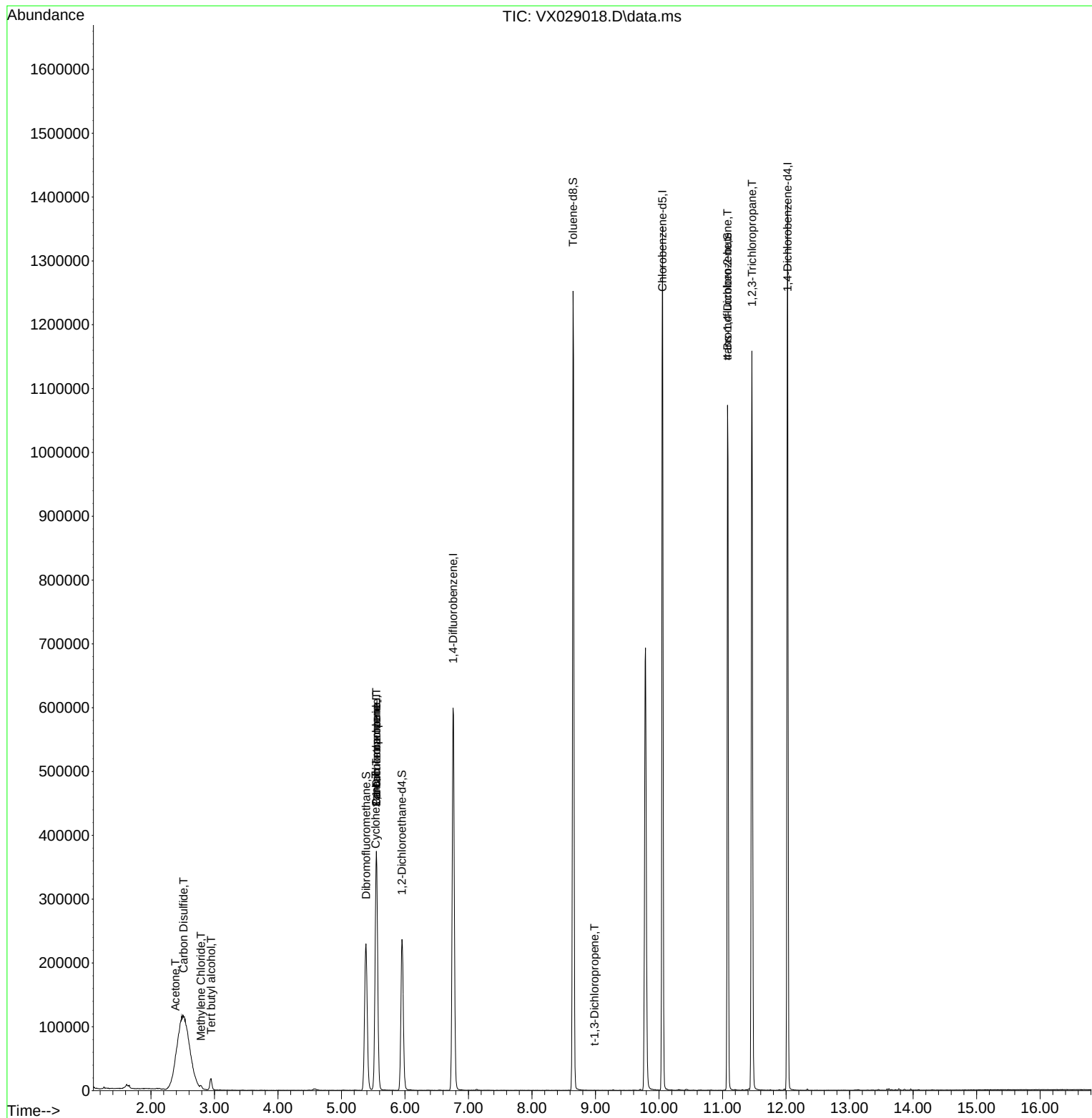
| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 5.550          | 168  | 352798     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757          | 114  | 630244     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 612114     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 287824     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952          | 65   | 232465     | 48.069    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 96.140%   |        |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 206496     | 50.008    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 100.020%  |        |          |
| 50) Toluene-d8                | 8.647          | 98   | 747924     | 48.042    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 96.080%   |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 296127     | 50.926    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 101.860%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        |          |
|                               |                |      |            |           | Qvalue |          |
| 5) Bromomethane               | 1.624          | 94   | 1218       | Below Cal | #      | 54       |
| 6) Chloroethane               | 1.685          | 64   | 238        | Below Cal | #      | 63       |
| 11) Tert butyl alcohol        | 2.947          | 59   | 10779      | 2.607     | ug/l # | 72       |
| 16) Acetone                   | 2.386          | 43   | 1759       | 0.848     | ug/l # | 54       |
| 17) Carbon Disulfide          | 2.514          | 76   | 6226       | 0.658     | ug/l # | 45       |
| 20) Methylene Chloride        | 2.788          | 84   | 1771       | 0.407     | ug/l # | 86       |
| 31) Cyclohexane               | 5.538          | 56   | 6669       | 0.993     | ug/l # | 3        |
| 36) 1,1-Dichloropropene       | 5.550          | 75   | 27650      | 4.458     | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 5.550          | 117  | 36611      | 5.866     | ug/l # | 16       |
| 53) t-1,3-Dichloropropene     | 8.982          | 75   | 144        | 1.660     | ug/l # | 43       |
| 76) 1,2,3-Trichloropropane    | 11.463         | 75   | 31421      | 4.661     | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 145826     | 63.414    | ug/l # | 15       |
| -----                         |                |      |            |           |        |          |

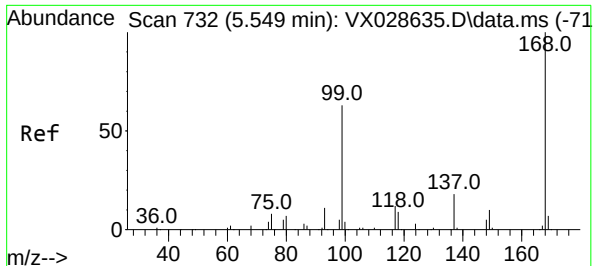
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052722\  
Data File : VX029018.D  
Acq On : 27 May 2022 12:19  
Operator : JC/MD  
Sample : VX0527WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBL01

Quant Time: May 27 16:39:41 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 12 14:58:53 2022  
Response via : Initial Calibration

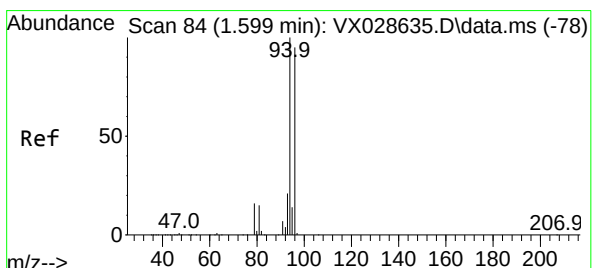
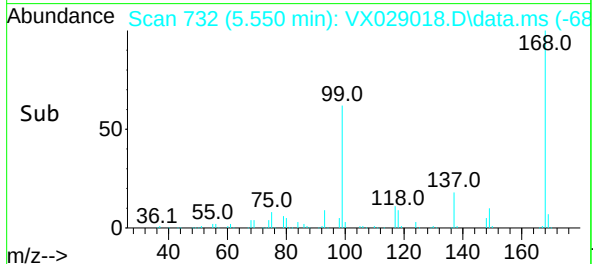
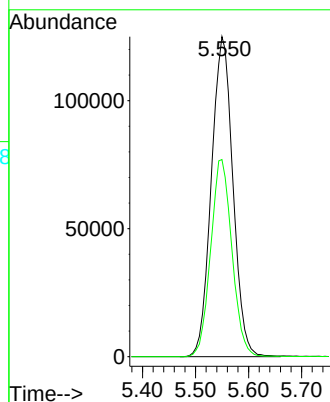
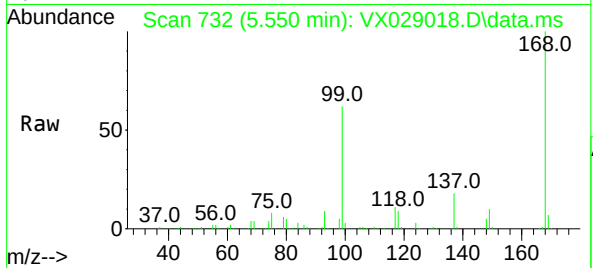




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX029018.D  
Acq: 27 May 2022 12:19

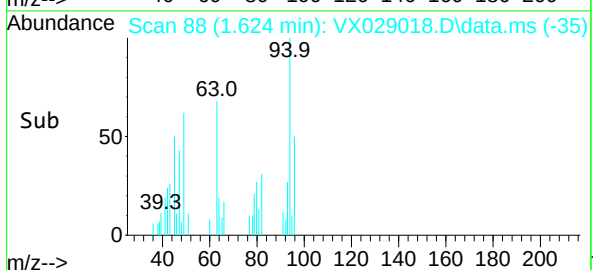
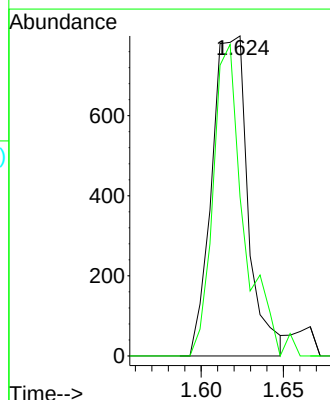
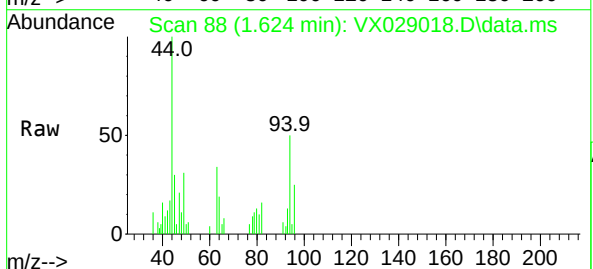
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBL01

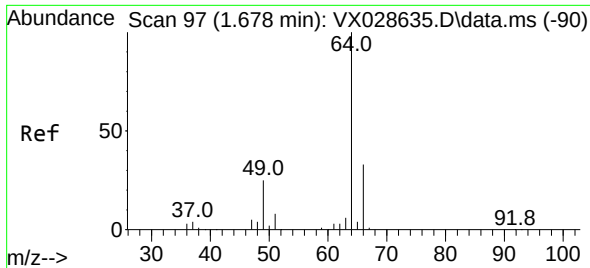
Tgt Ion:168 Resp: 352798  
Ion Ratio Lower Upper  
168 100  
99 61.6 41.7 62.5



#5  
Bromomethane  
Concen: Below Cal  
RT: 1.624 min Scan# 88  
Delta R.T. 0.025 min  
Lab File: VX029018.D  
Acq: 27 May 2022 12:19

Tgt Ion: 94 Resp: 1218  
Ion Ratio Lower Upper  
94 100  
96 49.7 75.3 112.9#

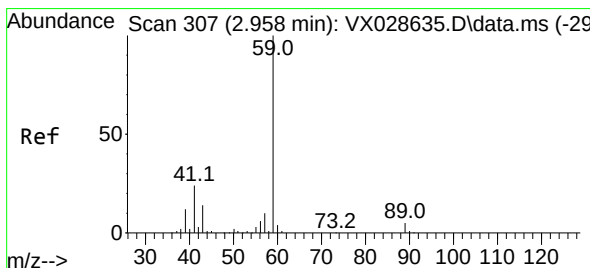
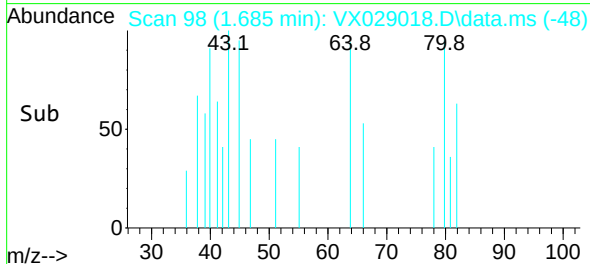
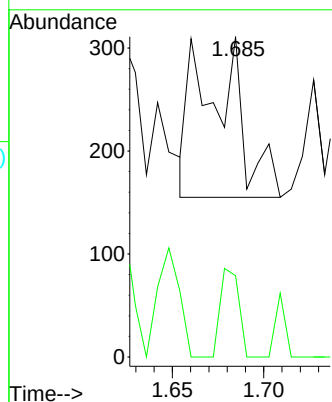
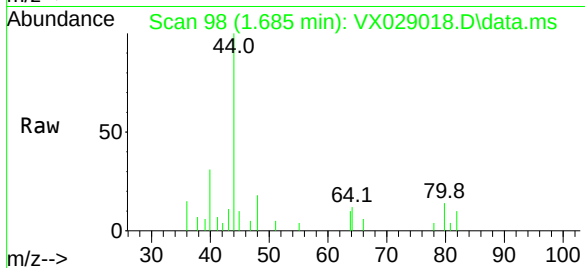




#6  
Chloroethane  
Concen: Below Cal  
RT: 1.685 min Scan# 91  
Delta R.T. 0.007 min  
Lab File: VX029018.D  
Acq: 27 May 2022 12:19

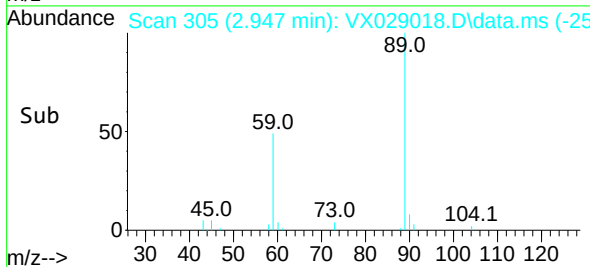
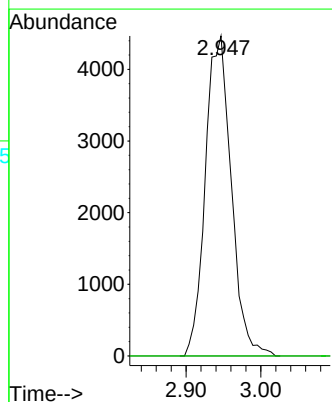
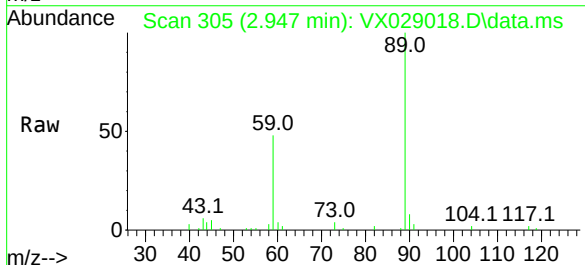
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBL01

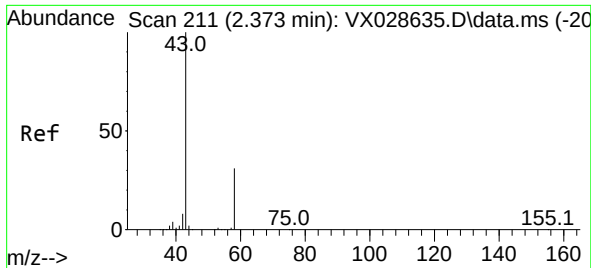
Tgt Ion: 64 Resp: 238  
Ion Ratio Lower Upper  
64 100  
66 10.9 25.3 37.9#



#11  
Tert butyl alcohol  
Concen: 2.607 ug/l  
RT: 2.947 min Scan# 305  
Delta R.T. -0.011 min  
Lab File: VX029018.D  
Acq: 27 May 2022 12:19

Tgt Ion: 59 Resp: 10779  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#





#16

Acetone

Concen: 0.848 ug/l

RT: 2.386 min Scan# 211

Delta R.T. 0.013 min

Lab File: VX029018.D

Acq: 27 May 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

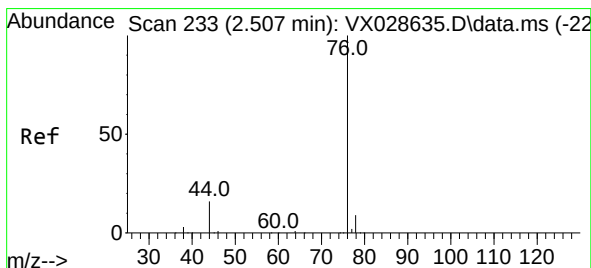
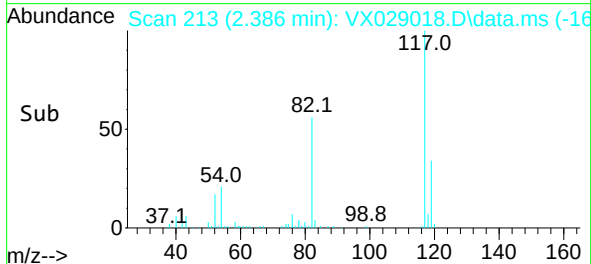
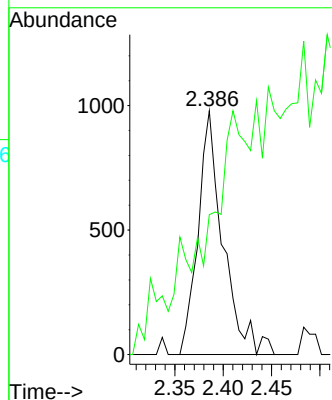
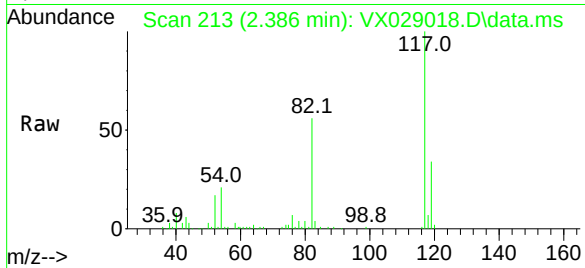
VX0527WBL01

Tgt Ion: 43 Resp: 1759

Ion Ratio Lower Upper

43 100

58 9.2 28.8 43.2#



#17

Carbon Disulfide

Concen: 0.658 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.007 min

Lab File: VX029018.D

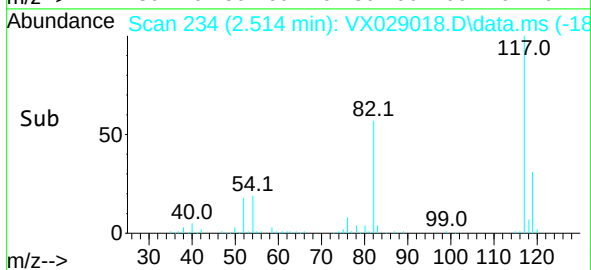
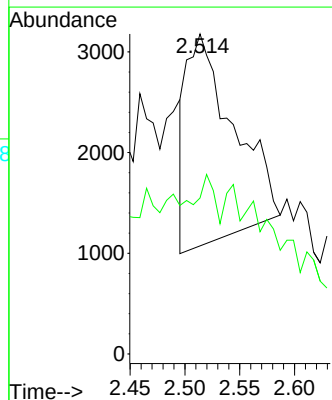
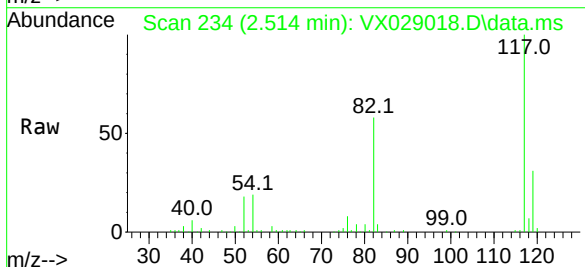
Acq: 27 May 2022 12:19

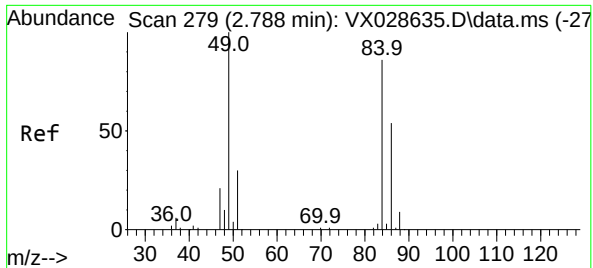
Tgt Ion: 76 Resp: 6226

Ion Ratio Lower Upper

76 100

78 28.9 7.2 10.8#

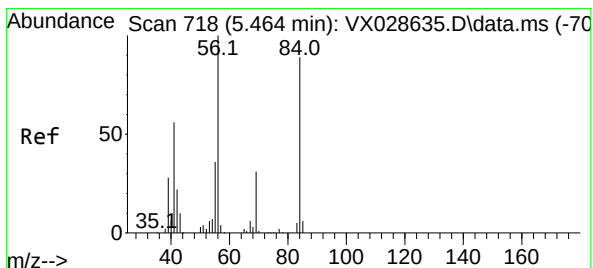
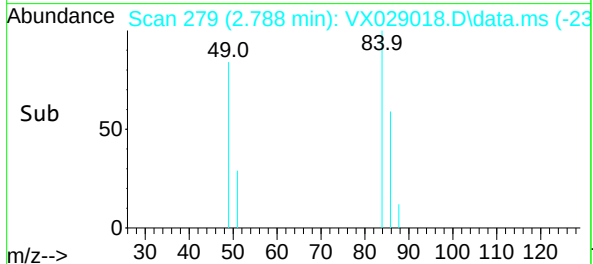
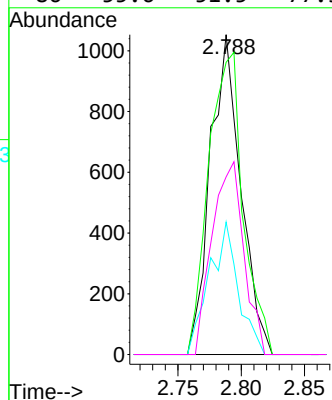
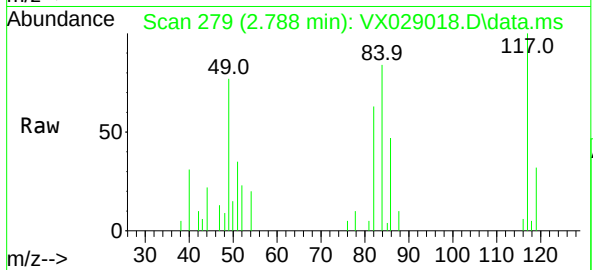




#20  
Methylene Chloride  
Concen: 0.407 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX029018.D  
Acq: 27 May 2022 12:19

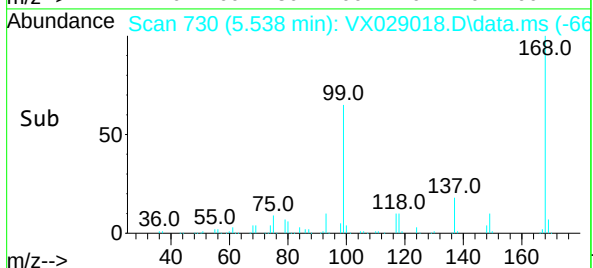
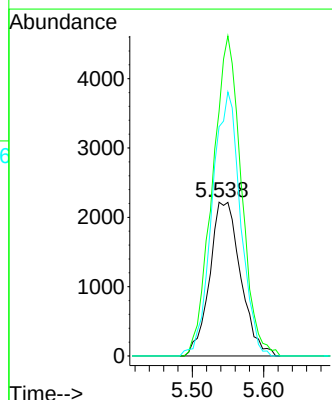
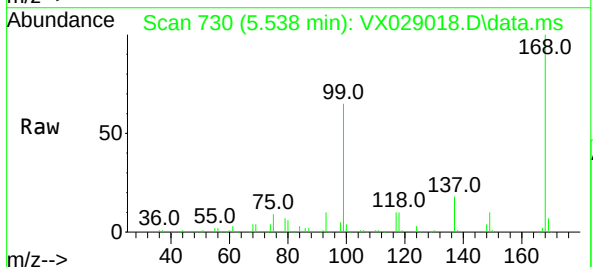
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBL01

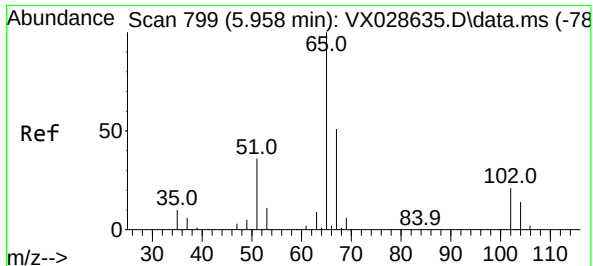
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 1771  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 91.4  | 85.5  | 128.3 |
| 51       | 41.4  | 26.6  | 39.8# |
| 86       | 55.6  | 51.5  | 77.3  |



#31  
Cyclohexane  
Concen: 0.993 ug/l  
RT: 5.538 min Scan# 730  
Delta R.T. 0.074 min  
Lab File: VX029018.D  
Acq: 27 May 2022 12:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 6669   |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 159.1 | 26.7  | 40.1#  |
| 84       | 149.1 | 77.2  | 115.8# |





#33

1,2-Dichloroethane-d4

Concen: 48.069 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX029018.D

Acq: 27 May 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

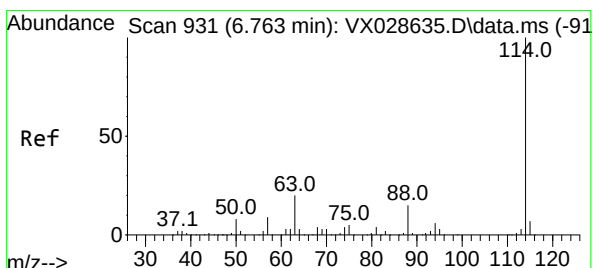
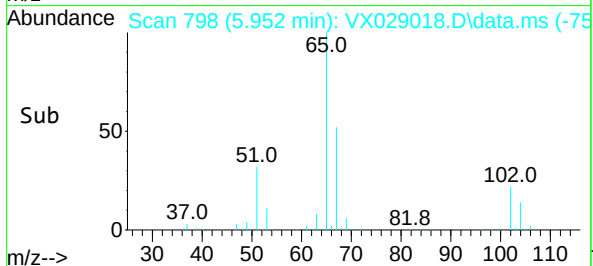
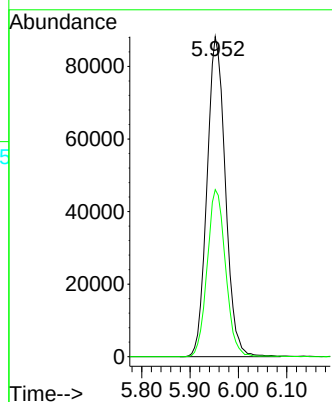
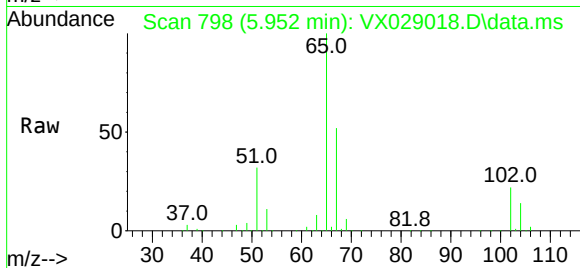
VX0527WBL01

Tgt Ion: 65 Resp: 232465

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX029018.D

Acq: 27 May 2022 12:19

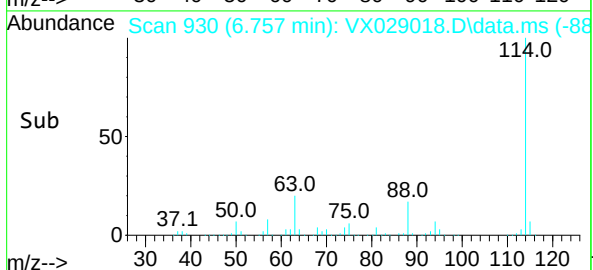
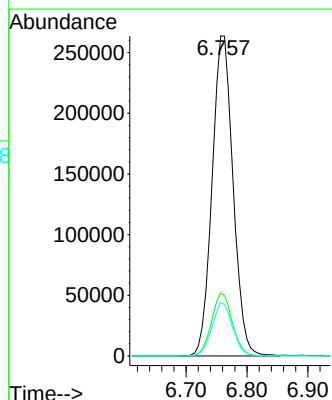
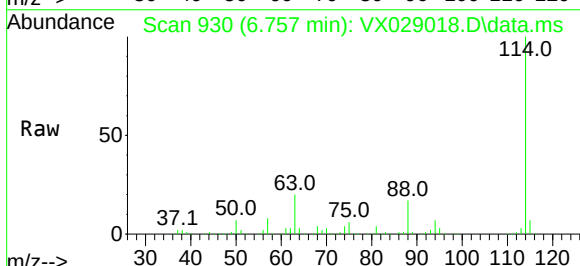
Tgt Ion: 114 Resp: 630244

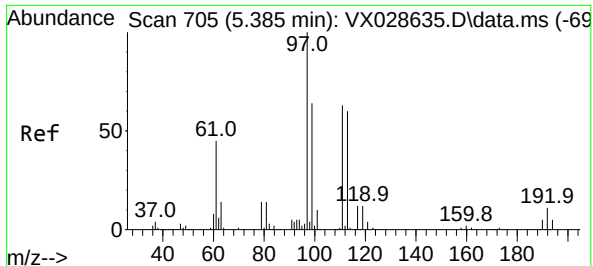
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.8

88 16.6 0.0 32.4

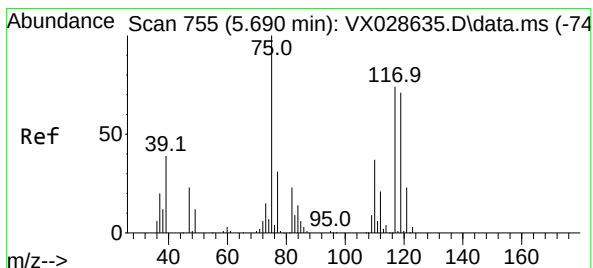
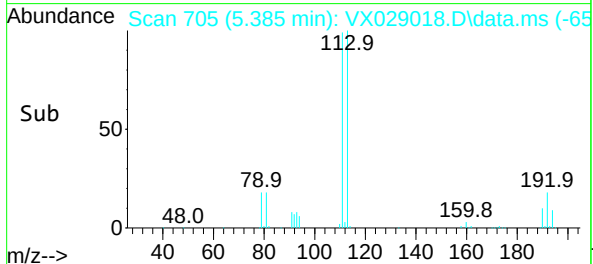
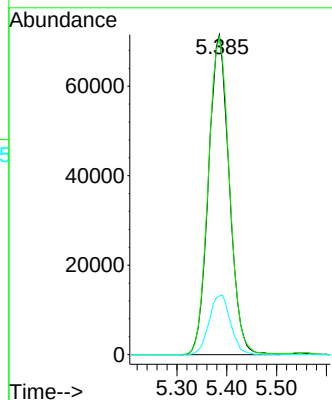
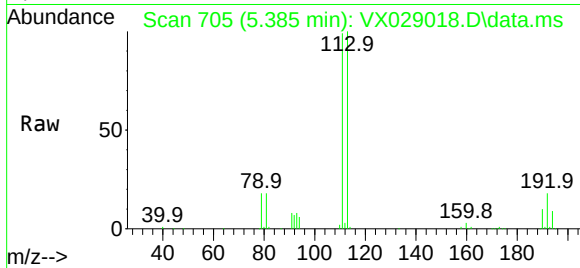




#35  
Dibromofluoromethane  
Concen: 50.008 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX029018.D  
Acq: 27 May 2022 12:19

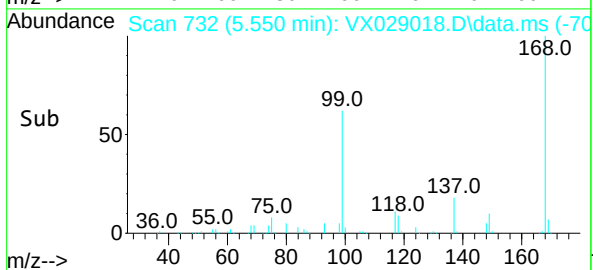
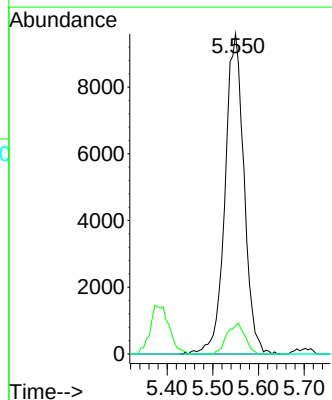
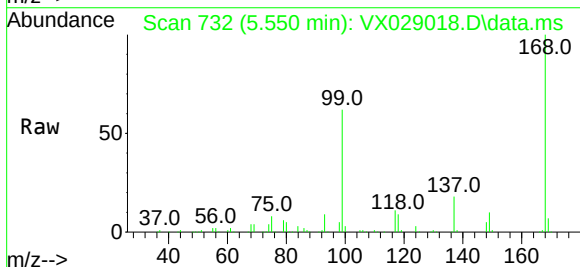
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBL01

Tgt Ion:113 Resp: 206496  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.8 124.2  
192 19.3 16.9 25.3

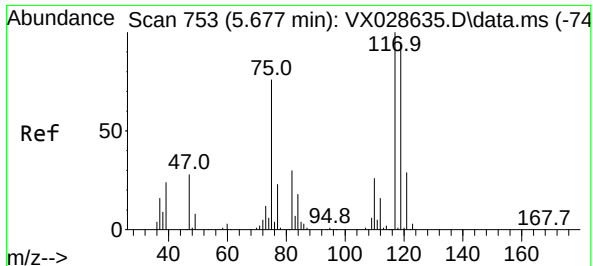


#36  
1,1-Dichloropropene  
Concen: 4.458 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.140 min  
Lab File: VX029018.D  
Acq: 27 May 2022 12:19

Tgt Ion: 75 Resp: 27650  
Ion Ratio Lower Upper  
75 100  
110 9.1 18.3 54.8#  
77 0.0 24.8 37.2#

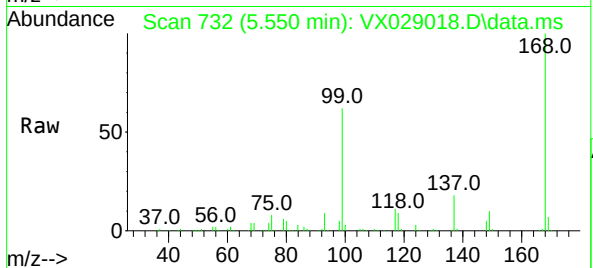




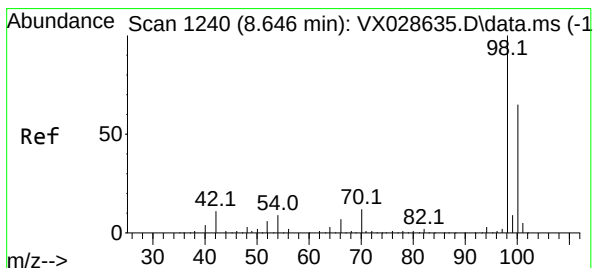
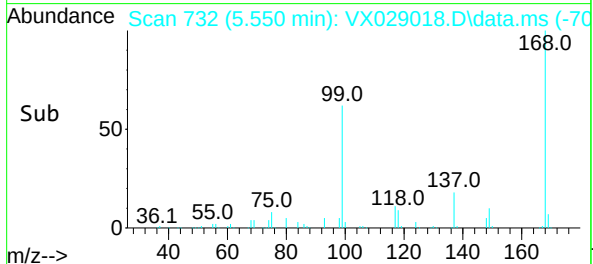
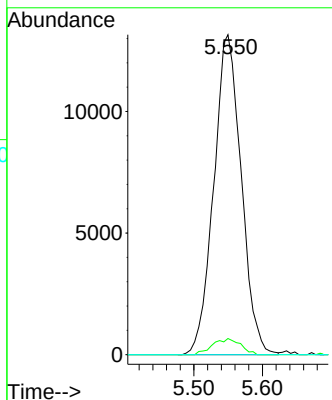


#38  
Carbon Tetrachloride  
Concen: 5.866 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.127 min  
Lab File: VX029018.D  
Acq: 27 May 2022 12:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBL01

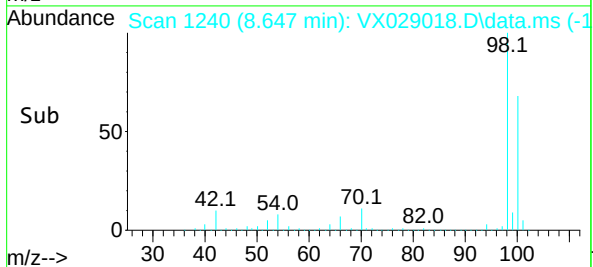
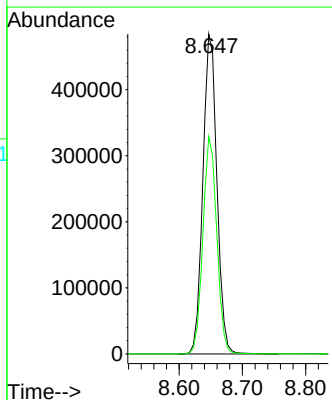
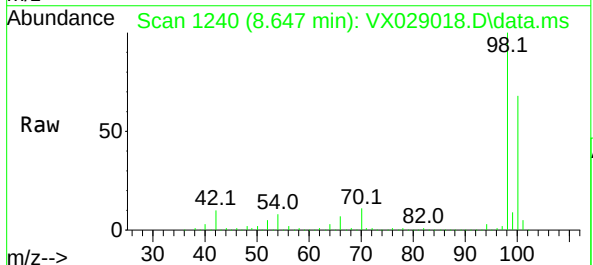


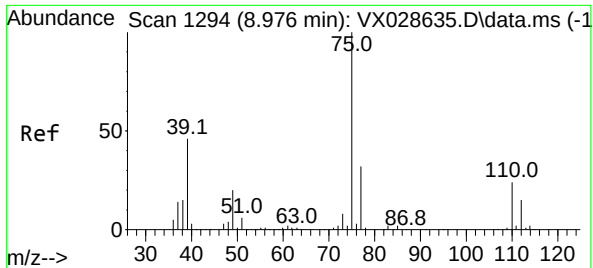
Tgt Ion:117 Resp: 36611  
Ion Ratio Lower Upper  
117 100  
119 5.1 77.3 115.9#  
121 0.0 24.2 36.2#



#50  
Toluene-d8  
Concen: 48.042 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.001 min  
Lab File: VX029018.D  
Acq: 27 May 2022 12:19

Tgt Ion: 98 Resp: 747924  
Ion Ratio Lower Upper  
98 100  
100 67.4 52.6 78.8

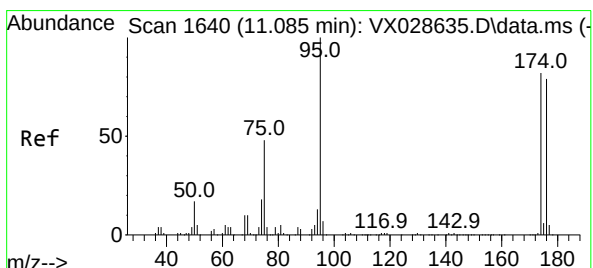
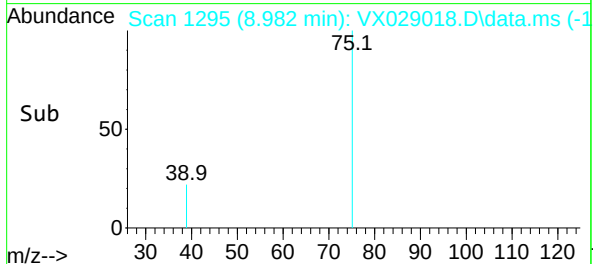
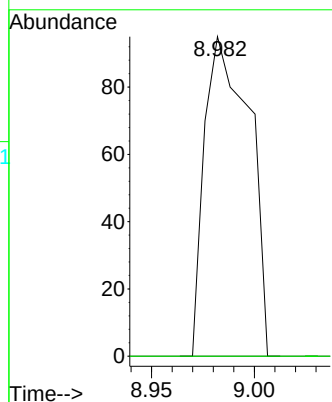
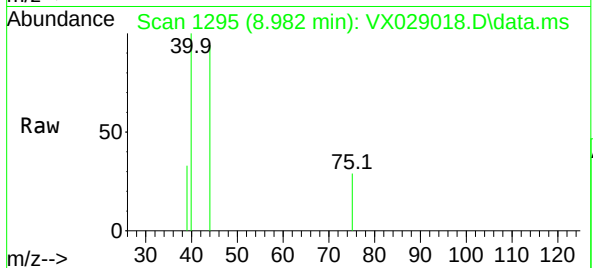




#53  
t-1,3-Dichloropropene  
Concen: 1.660 ug/l  
RT: 8.982 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX029018.D  
Acq: 27 May 2022 12:19

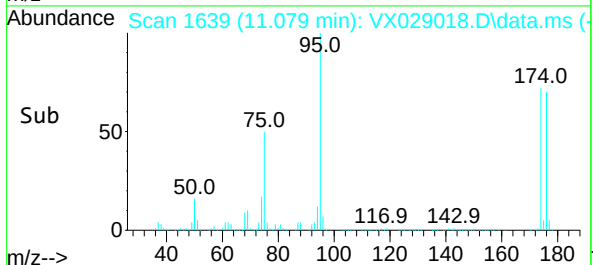
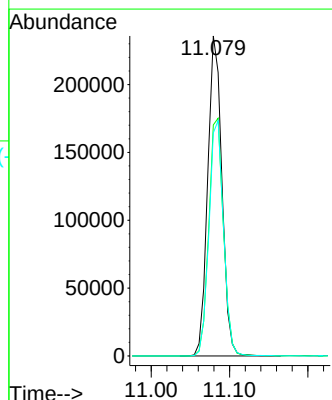
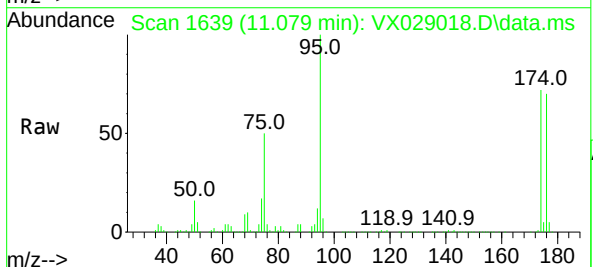
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBL01

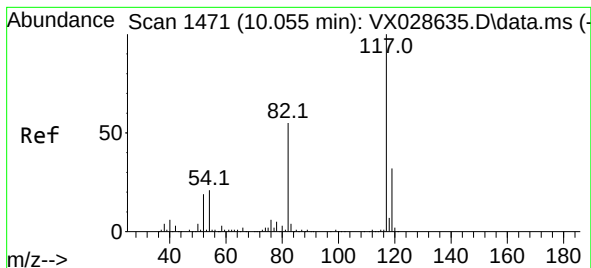
Tgt Ion: 75 Resp: 144  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.4 38.0#



#62  
4-Bromofluorobenzene  
Concen: 50.926 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX029018.D  
Acq: 27 May 2022 12:19

Tgt Ion: 95 Resp: 296127  
Ion Ratio Lower Upper  
95 100  
174 76.6 0.0 163.0  
176 75.2 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029018.D

Acq: 27 May 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

VX0527WBL01

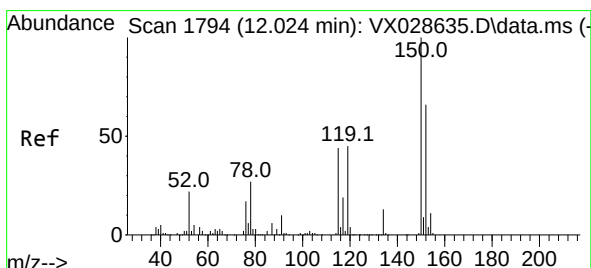
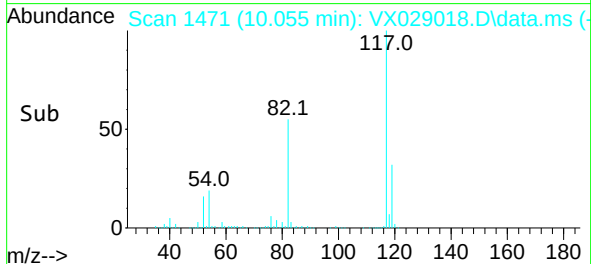
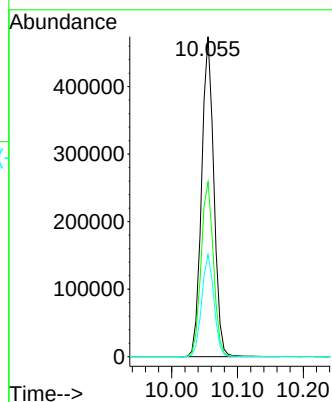
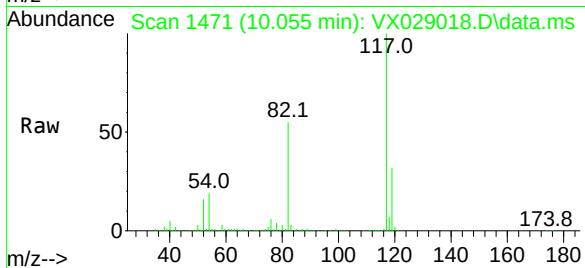
Tgt Ion:117 Resp: 612114

Ion Ratio Lower Upper

117 100

82 54.6 41.8 62.8

119 31.9 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX029018.D

Acq: 27 May 2022 12:19

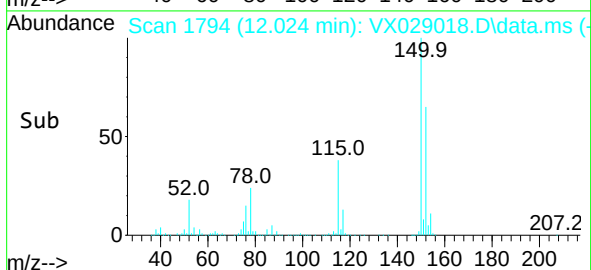
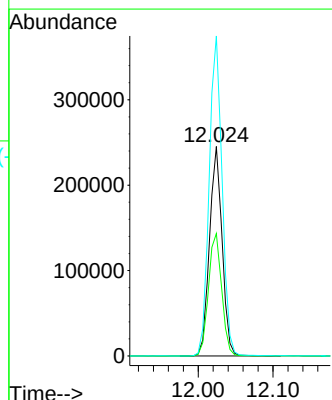
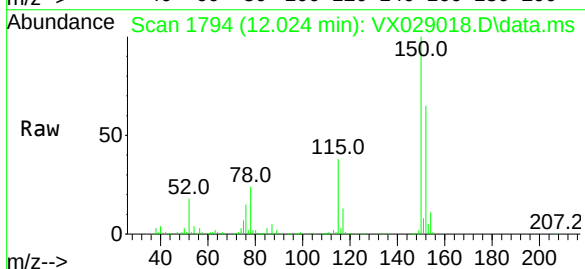
Tgt Ion:152 Resp: 287824

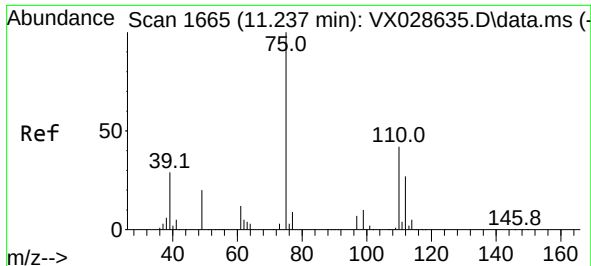
Ion Ratio Lower Upper

152 100

115 61.1 37.5 112.7

150 156.3 0.0 338.2

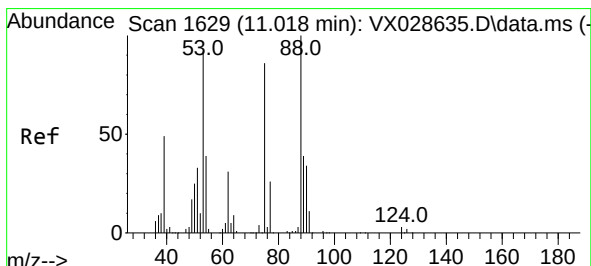
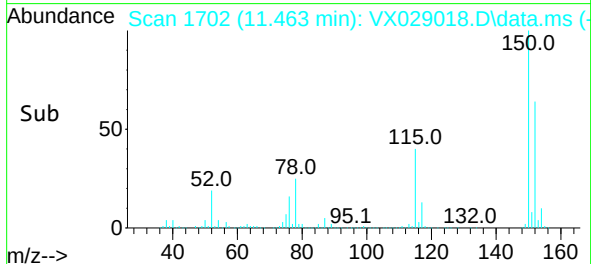
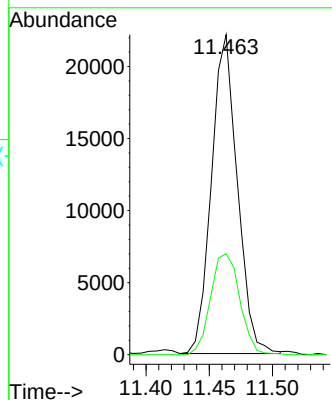
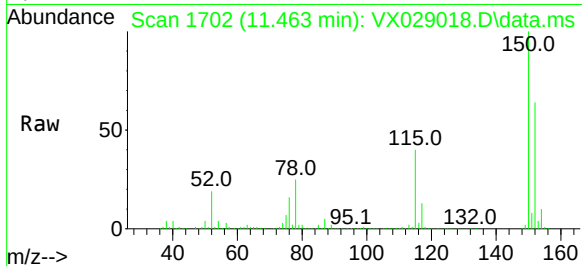




#76  
1,2,3-Trichloropropane  
Concen: 4.661 ug/l  
RT: 11.463 min Scan# 11  
Delta R.T. 0.226 min  
Lab File: VX029018.D  
Acq: 27 May 2022 12:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBL01

Tgt Ion: 75 Resp: 31421  
Ion Ratio Lower Upper  
75 100  
77 35.7 19.4 58.2



#81  
trans-1,4-Dichloro-2-butene  
Concen: 63.414 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX029018.D  
Acq: 27 May 2022 12:19

Tgt Ion: 75 Resp: 145826  
Ion Ratio Lower Upper  
75 100  
53 0.0 69.0 103.4#  
89 0.0 37.0 55.6#

