

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040225\  
 Data File : VX045536.D  
 Acq On : 02 Apr 2025 10:53  
 Operator : JC/MD  
 Sample : VX0402WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBL01

Quant Time: Apr 03 01:46:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

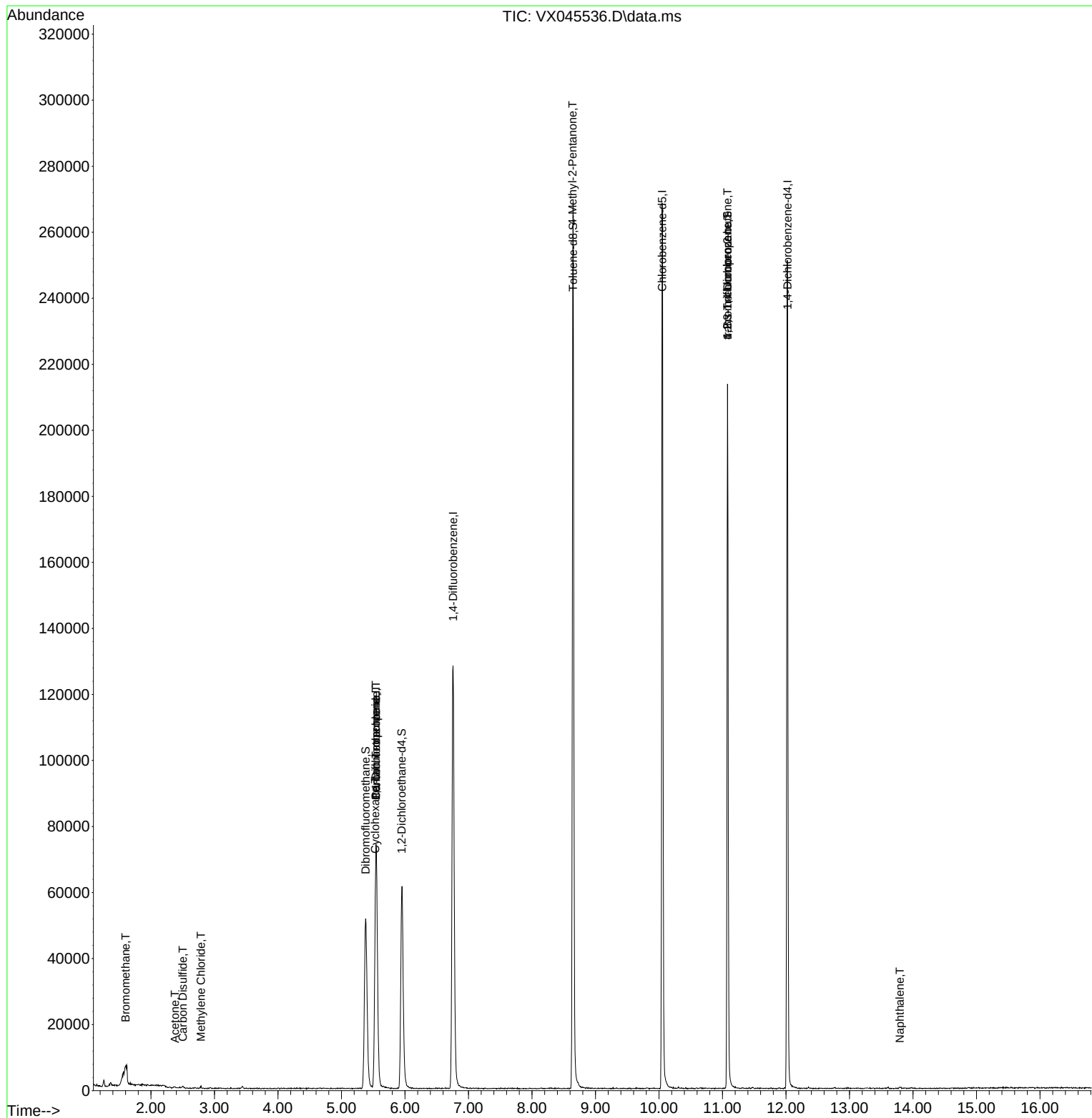
| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) Pentafluorobenzene         | 5.544          | 168  | 64793               | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757          | 114  | 125920              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.049         | 117  | 112849              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 48101               | 50.000 | ug/l   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.946          | 65   | 61387               | 51.808 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 103.620% |        |        |          |
| 35) Dibromofluoromethane      | 5.379          | 113  | 45556               | 50.992 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 101.980% |        |        |          |
| 50) Toluene-d8                | 8.647          | 98   | 154217              | 49.455 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 98.920%  |        |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 55894               | 49.209 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 77 - 121 |      | Recovery = 98.420%  |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        |        |          |
|                               |                |      |                     |        | Qvalue |          |
| 5) Bromomethane               | 1.599          | 94   | 222                 | 0.514  | ug/l # | 42       |
| 16) Acetone                   | 2.380          | 43   | 270                 | 0.555  | ug/l   | 90       |
| 17) Carbon Disulfide          | 2.502          | 76   | 707                 | 0.368  | ug/l # | 76       |
| 20) Methylene Chloride        | 2.788          | 84   | 228                 | 0.250  | ug/l # | 64       |
| 31) Cyclohexane               | 5.532          | 56   | 1850                | 1.273  | ug/l # | 46       |
| 36) 1,1-Dichloropropene       | 5.544          | 75   | 6437                | 5.336  | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.544          | 117  | 7517                | 5.766  | ug/l # | 19       |
| 51) 4-Methyl-2-Pentanone      | 8.641          | 43   | 848                 | 0.555  | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 32316               | 27.543 | ug/l # | 37       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 32316               | 93.477 | ug/l # | 1        |
| 95) Naphthalene               | 13.792         | 128  | 797                 | 0.239  | ug/l # | 73       |
| -----                         |                |      |                     |        |        |          |

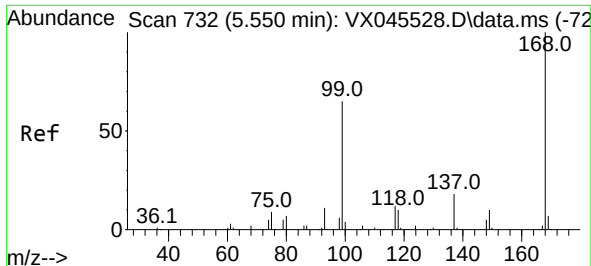
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040225\  
Data File : VX045536.D  
Acq On : 02 Apr 2025 10:53  
Operator : JC/MD  
Sample : VX0402WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBL01

Quant Time: Apr 03 01:46:38 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 02 03:11:43 2025  
Response via : Initial Calibration

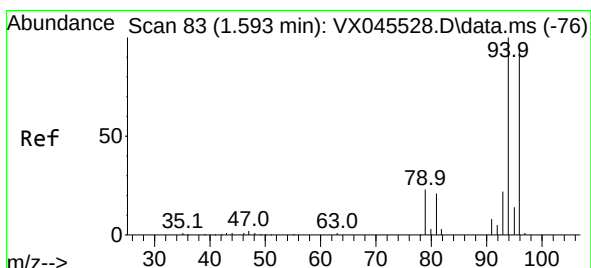
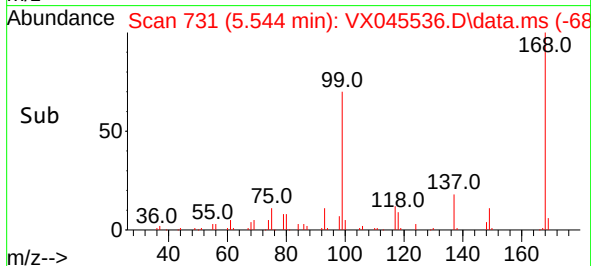
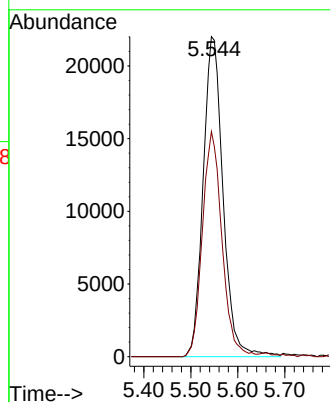
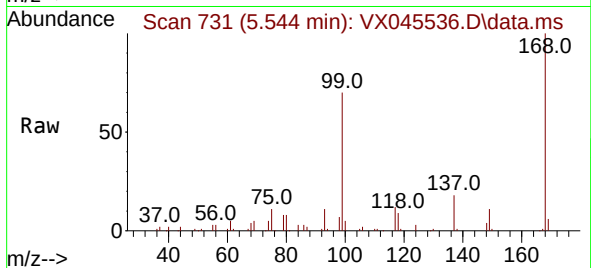




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

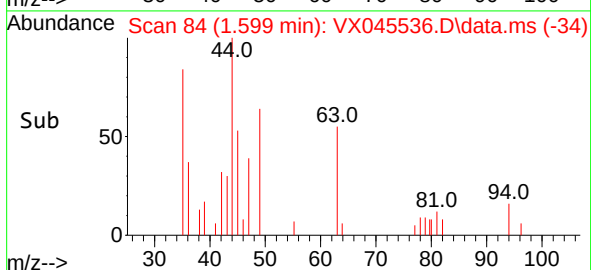
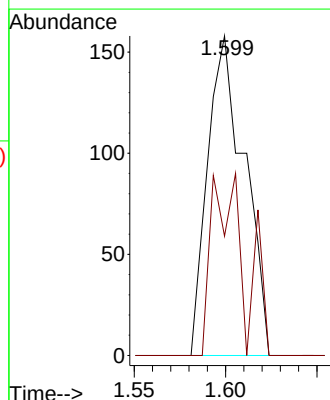
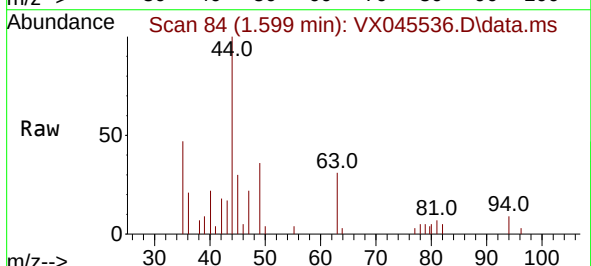
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBL01

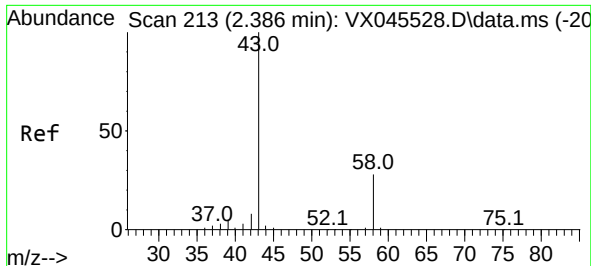
Tgt Ion:168 Resp: 64793  
Ion Ratio Lower Upper  
168 100  
99 70.4 52.3 78.5



#5  
Bromomethane  
Concen: 0.514 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

Tgt Ion: 94 Resp: 222  
Ion Ratio Lower Upper  
94 100  
96 37.3 74.8 112.2#

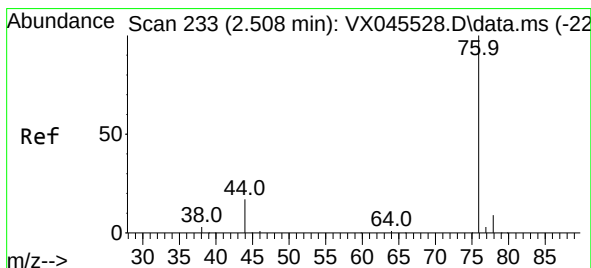
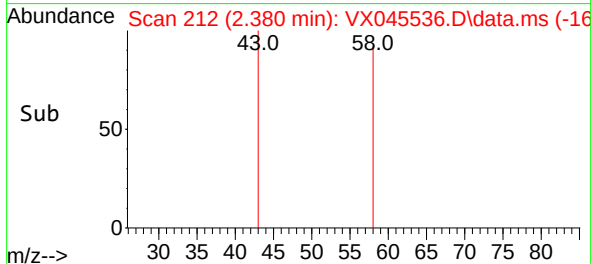
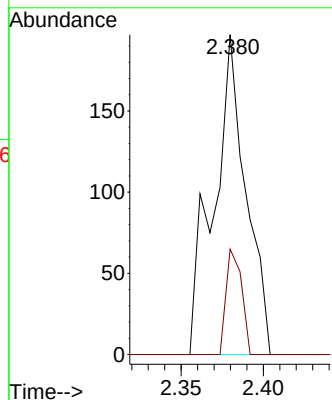
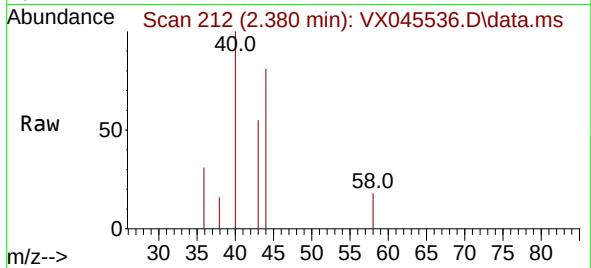




#16  
Acetone  
Concen: 0.555 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

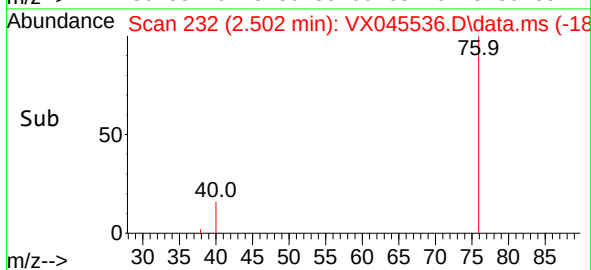
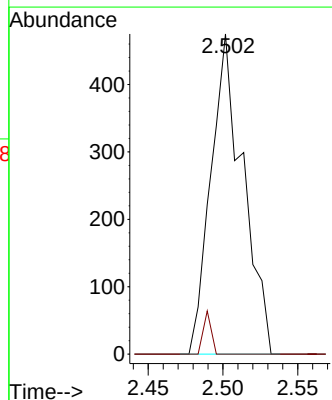
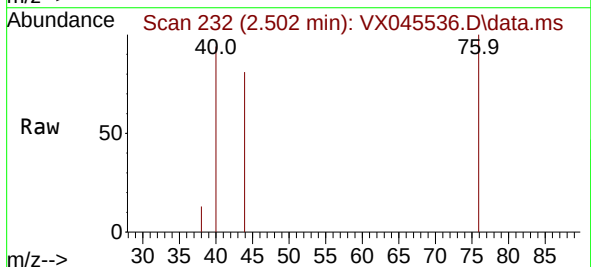
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBL01

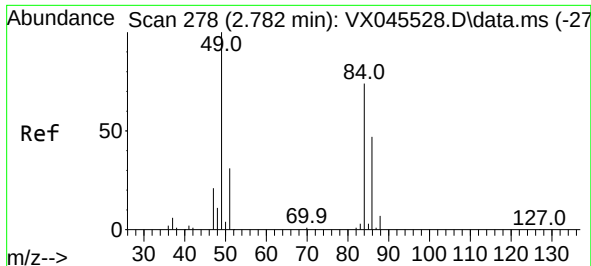
Tgt Ion: 43 Resp: 270  
Ion Ratio Lower Upper  
43 100  
58 33.0 22.3 33.5



#17  
Carbon Disulfide  
Concen: 0.368 ug/l  
RT: 2.502 min Scan# 232  
Delta R.T. -0.006 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

Tgt Ion: 76 Resp: 707  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.0 10.6#

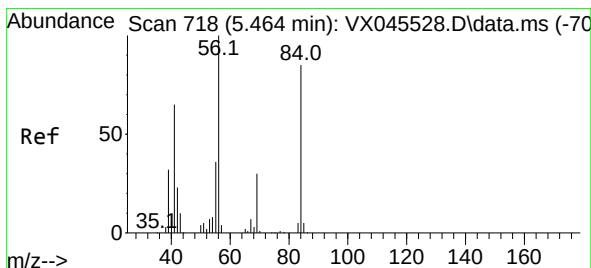
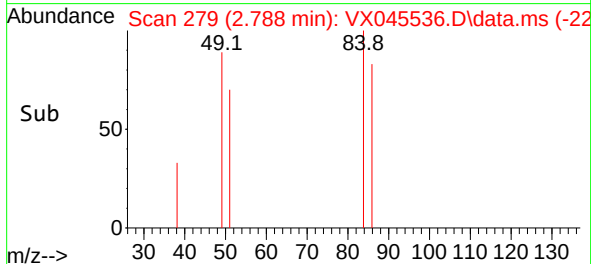
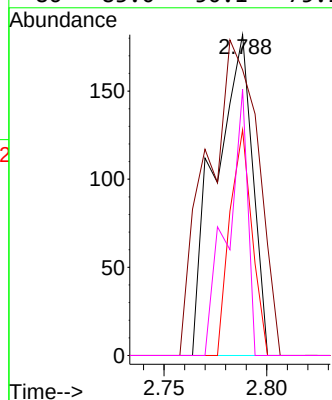
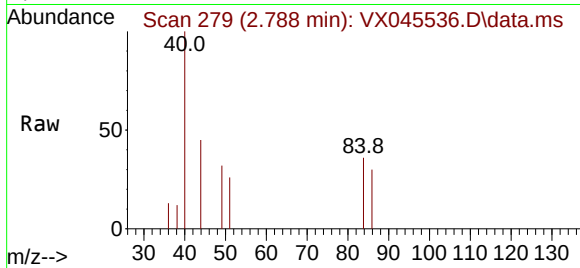




#20  
Methylene Chloride  
Concen: 0.250 ug/l  
RT: 2.788 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

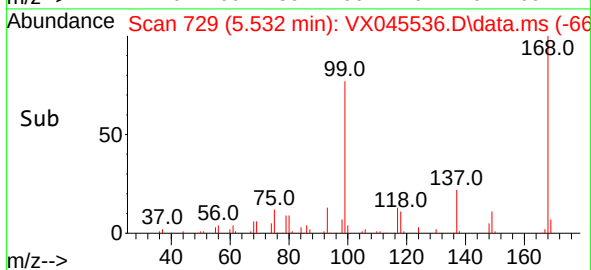
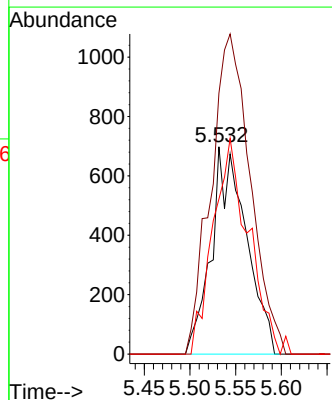
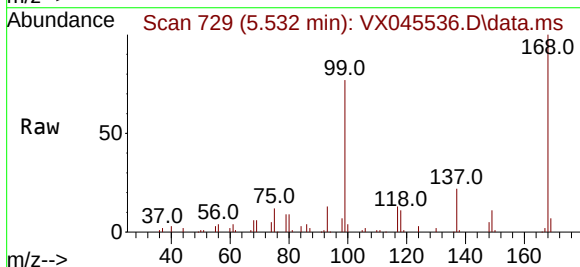
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBL01

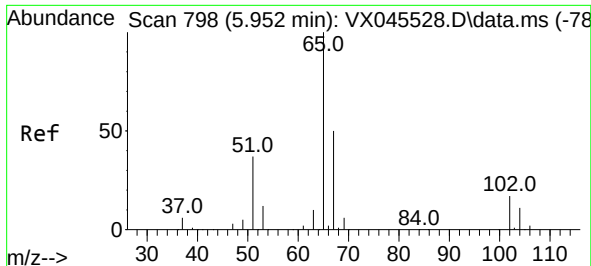
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 228    |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 89.0  | 107.5 | 161.3# |
| 51       | 70.3  | 33.0  | 49.6#  |
| 86       | 83.0  | 50.1  | 75.1#  |



#31  
Cyclohexane  
Concen: 1.273 ug/l  
RT: 5.532 min Scan# 729  
Delta R.T. 0.067 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 1850  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 125.8 | 23.6  | 35.4# |
| 84       | 74.8  | 67.7  | 101.5 |

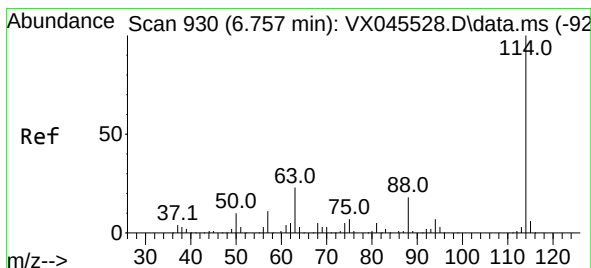
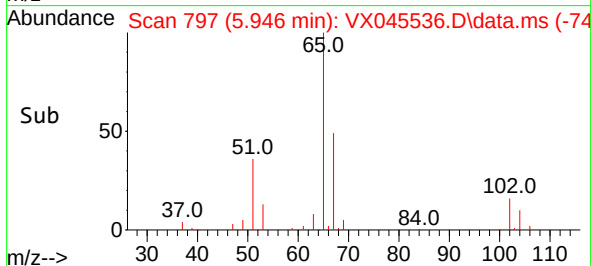
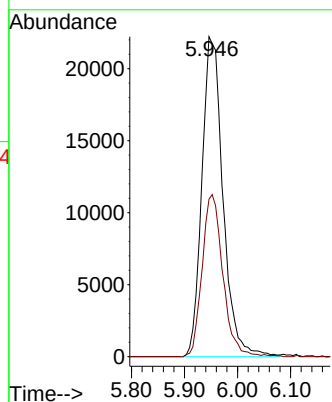
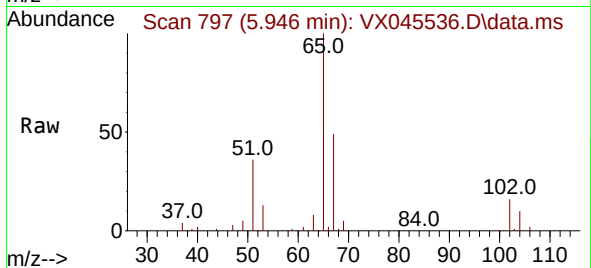




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.808 ug/l  
 RT: 5.946 min Scan# 798  
 Delta R.T. -0.006 min  
 Lab File: VX045536.D  
 Acq: 02 Apr 2025 10:53

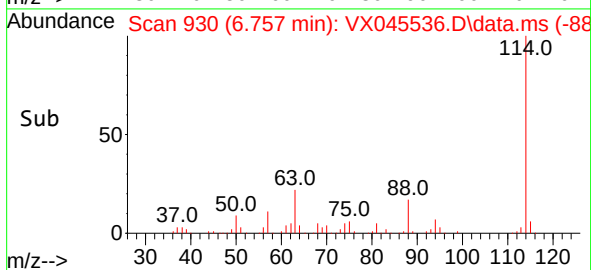
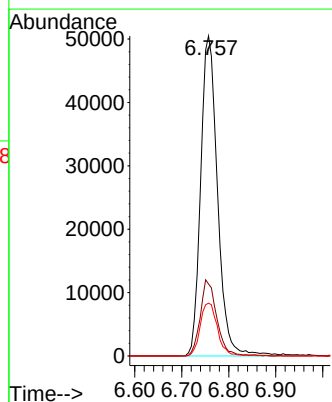
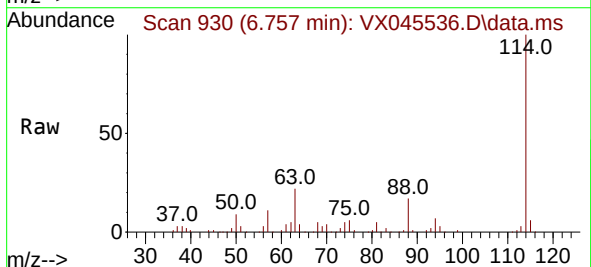
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBL01

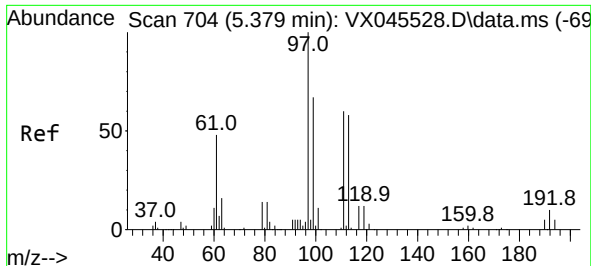
Tgt Ion: 65 Resp: 61387  
 Ion Ratio Lower Upper  
 65 100  
 67 49.9 0.0 99.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. 0.000 min  
 Lab File: VX045536.D  
 Acq: 02 Apr 2025 10:53

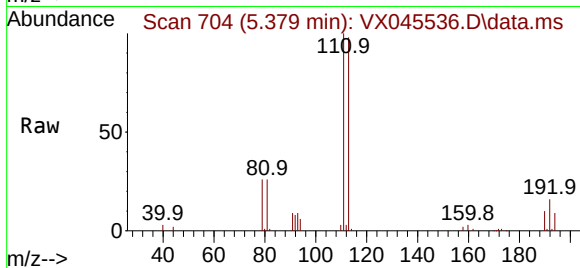
Tgt Ion: 114 Resp: 125920  
 Ion Ratio Lower Upper  
 114 100  
 63 22.5 0.0 46.8  
 88 16.5 0.0 35.4



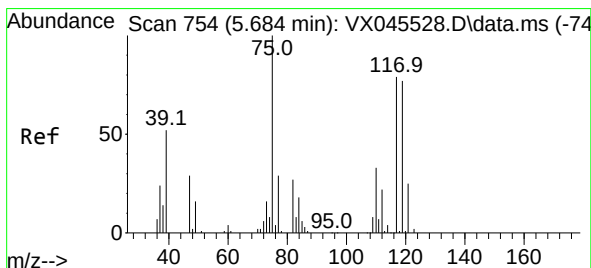
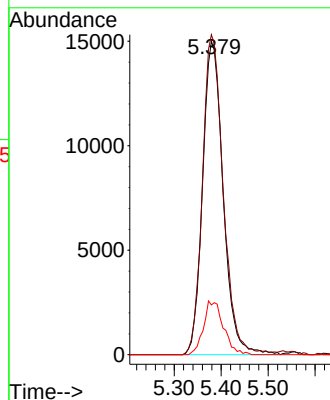
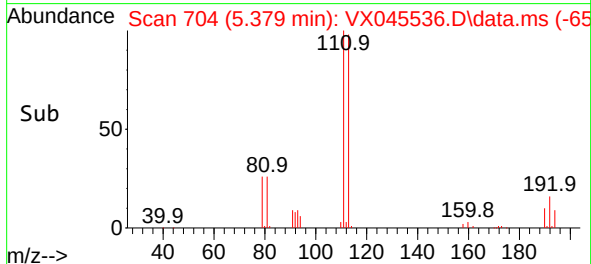


#35  
Dibromofluoromethane  
Concen: 50.992 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBL01

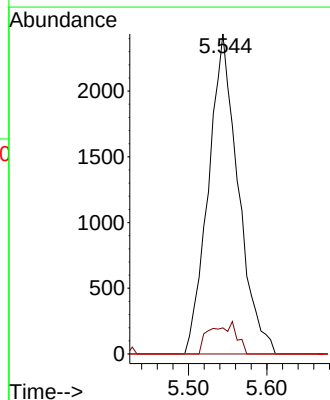
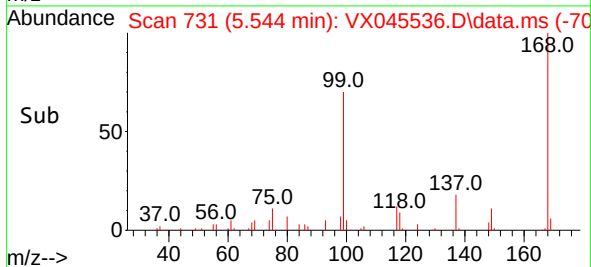
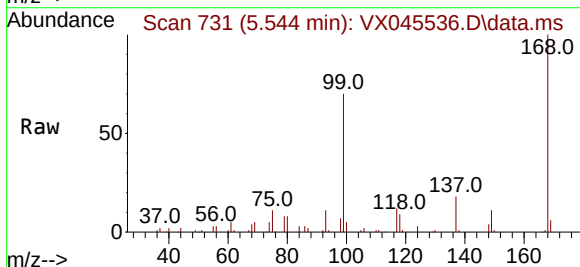


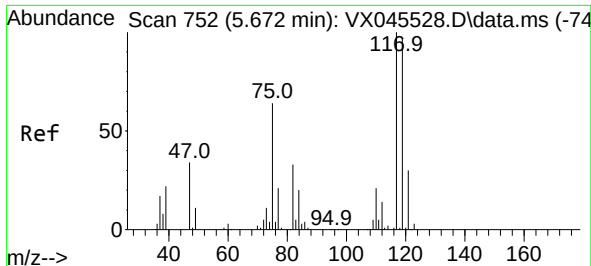
Tgt Ion:113 Resp: 45556  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.8 122.6  
192 16.6 13.8 20.6



#36  
1,1-Dichloropropene  
Concen: 5.336 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.140 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

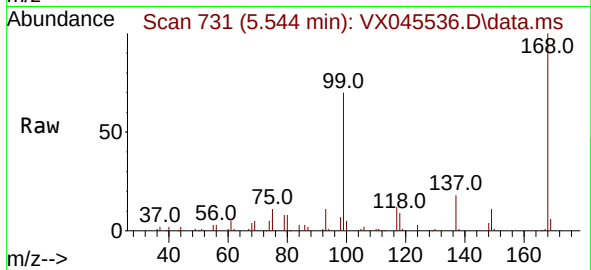
Tgt Ion: 75 Resp: 6437  
Ion Ratio Lower Upper  
75 100  
110 8.8 16.9 50.6#  
77 0.0 25.0 37.4#



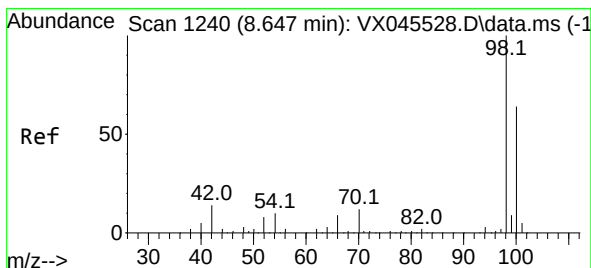
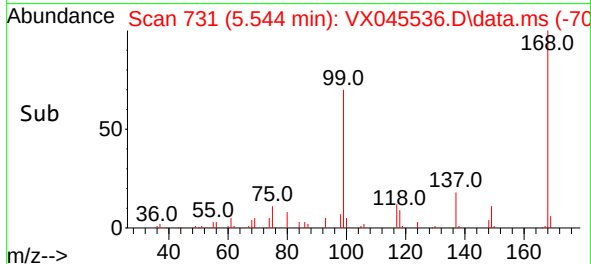
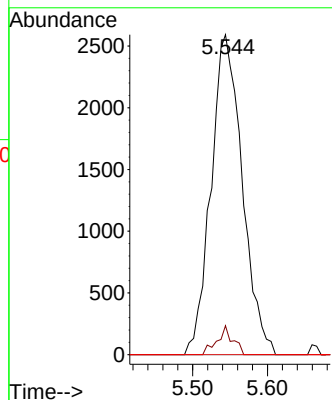


#38  
Carbon Tetrachloride  
Concen: 5.766 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBL01

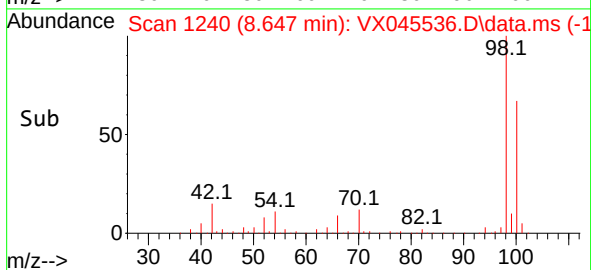
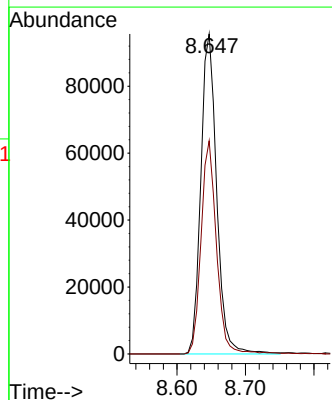
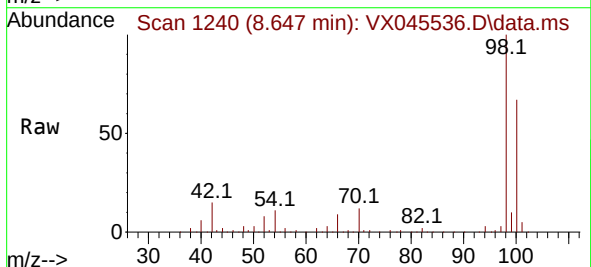


Tgt Ion:117 Resp: 7517  
Ion Ratio Lower Upper  
117 100  
119 9.0 76.9 115.3#  
121 0.0 24.2 36.2#

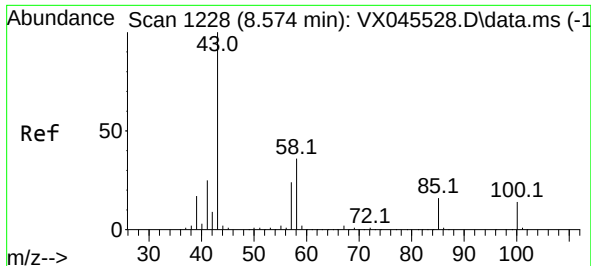


#50  
Toluene-d8  
Concen: 49.455 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

Tgt Ion: 98 Resp: 154217  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.2 78.4



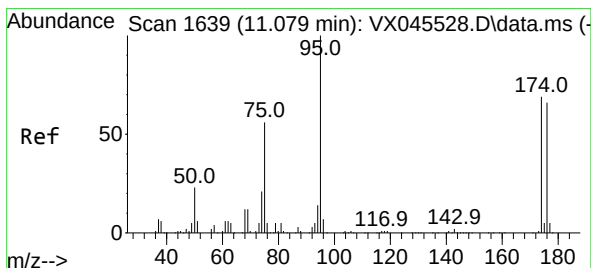
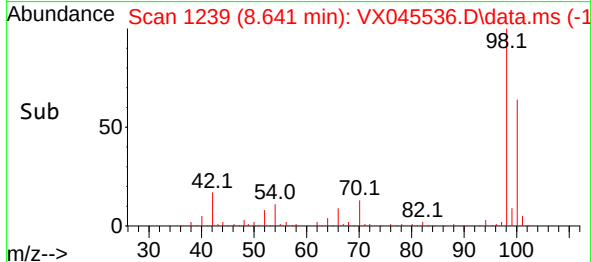
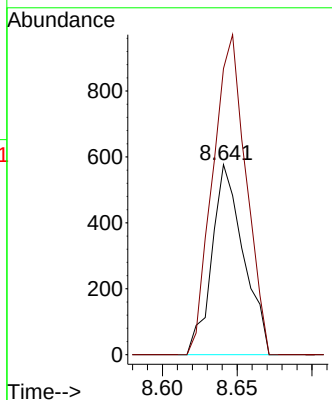
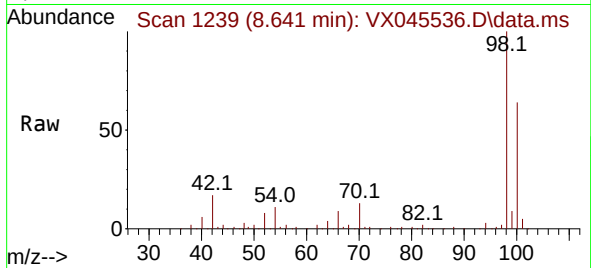




#51  
4-Methyl-2-Pentanone  
Concen: 0.555 ug/l  
RT: 8.641 min Scan# 1239  
Delta R.T. 0.067 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

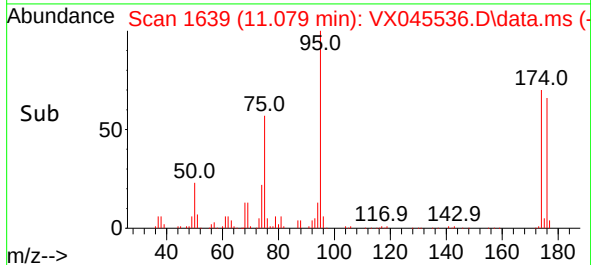
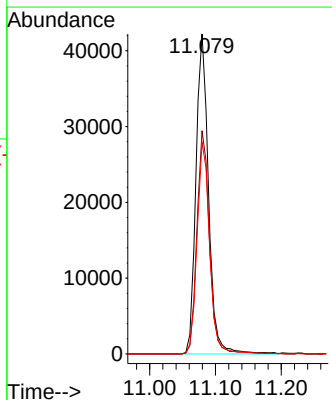
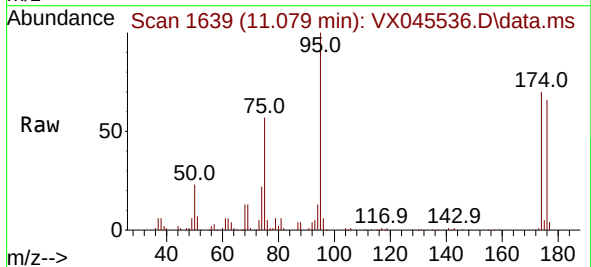
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBL01

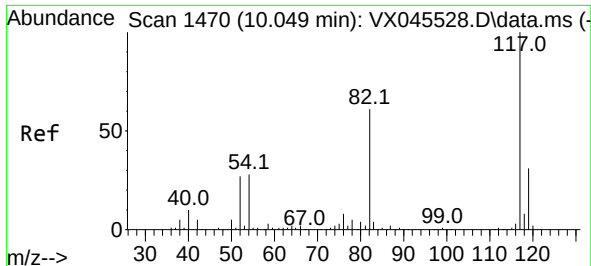
Tgt Ion: 43 Resp: 848  
Ion Ratio Lower Upper  
43 100  
58 177.0 28.5 42.7#



#62  
4-Bromofluorobenzene  
Concen: 49.209 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

Tgt Ion: 95 Resp: 55894  
Ion Ratio Lower Upper  
95 100  
174 70.0 0.0 135.8  
176 66.4 0.0 131.4

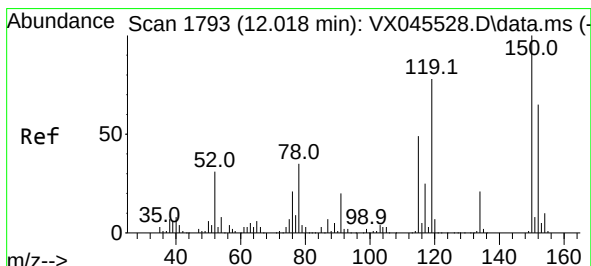
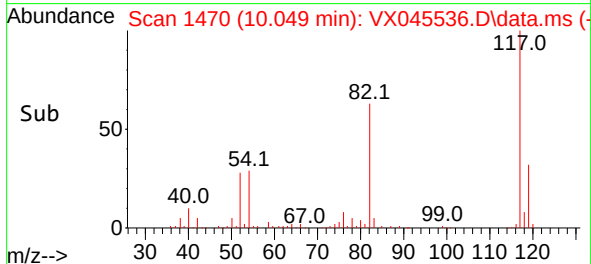
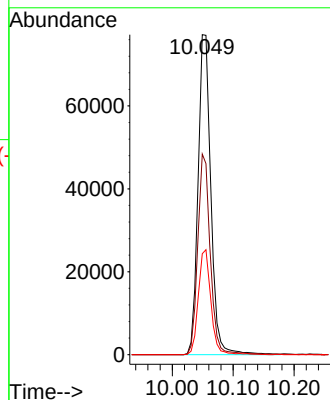
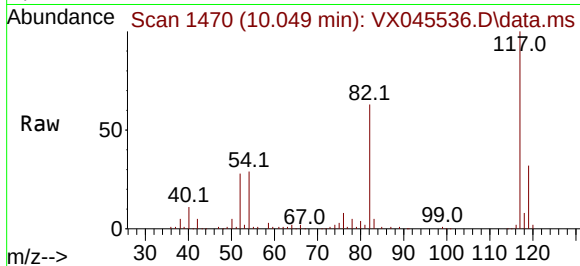




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

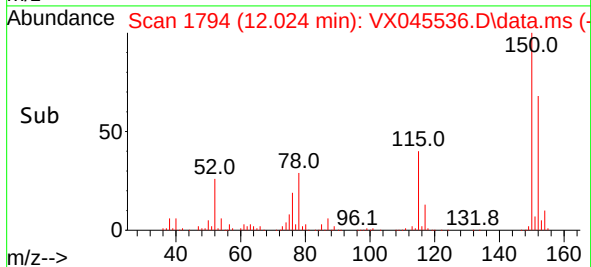
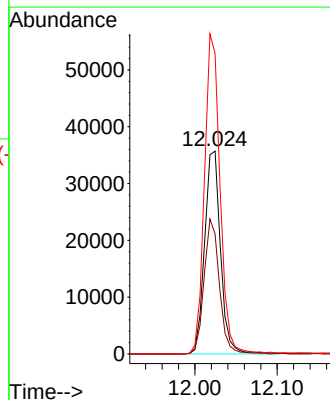
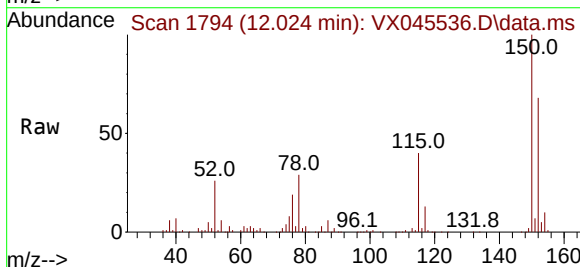
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBL01

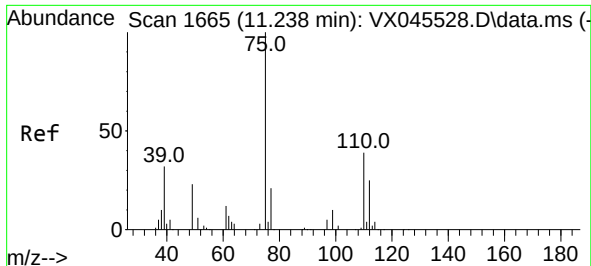
Tgt Ion:117 Resp: 112849  
Ion Ratio Lower Upper  
117 100  
82 62.7 49.2 73.8  
119 31.5 25.1 37.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

Tgt Ion:152 Resp: 48101  
Ion Ratio Lower Upper  
152 100  
115 63.9 46.9 140.7  
150 154.7 0.0 349.4

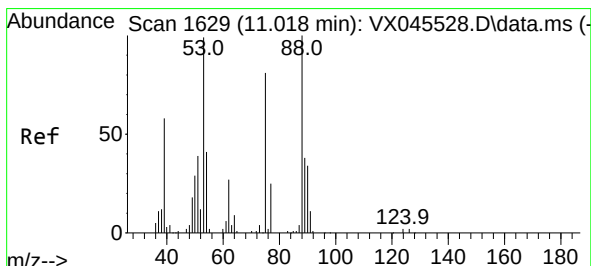
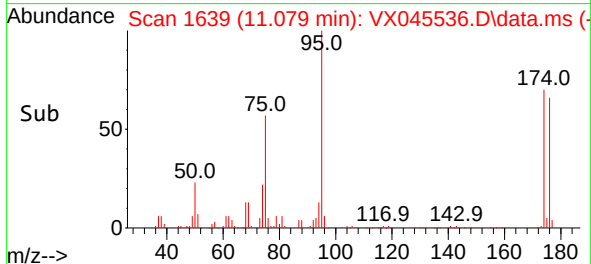
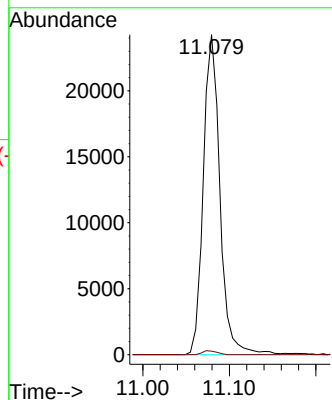
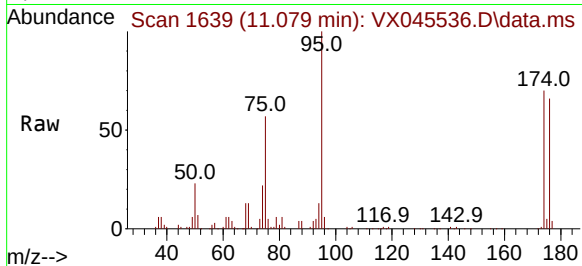




#76  
1,2,3-Trichloropropane  
Concen: 27.543 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

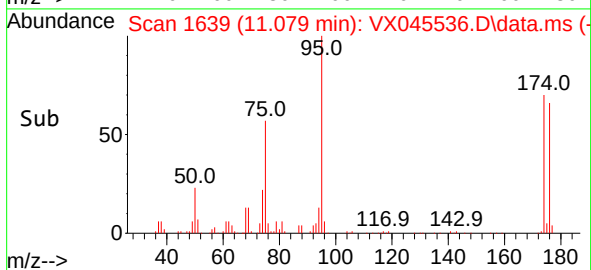
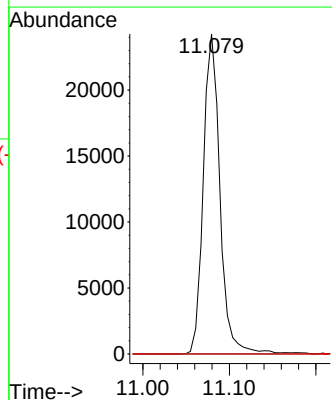
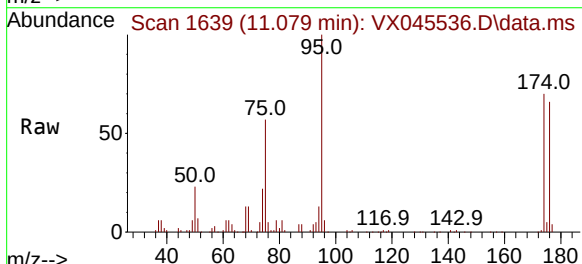
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBL01

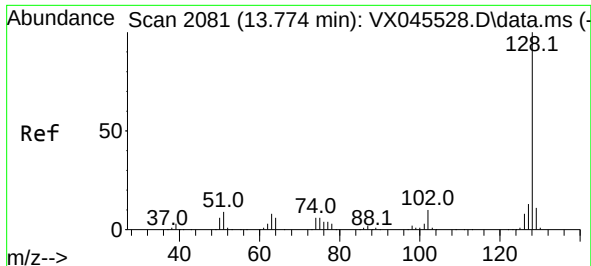
Tgt Ion: 75 Resp: 32316  
Ion Ratio Lower Upper  
75 100  
77 1.1 20.0 59.9#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 93.477 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX045536.D  
Acq: 02 Apr 2025 10:53

Tgt Ion: 75 Resp: 32316  
Ion Ratio Lower Upper  
75 100  
53 0.0 101.8 152.6#  
89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 0.239 ug/l

RT: 13.792 min Scan# 20

Delta R.T. 0.018 min

Lab File: VX045536.D

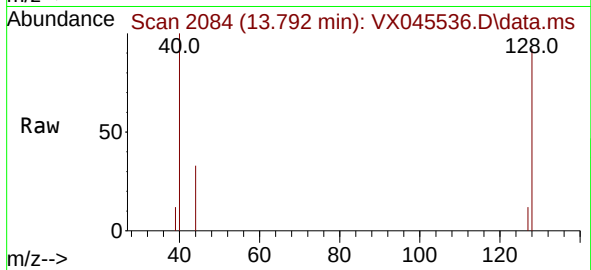
Acq: 02 Apr 2025 10:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0402WBL01



Tgt Ion:128 Resp: 797

Ion Ratio Lower Upper

128 100

127 2.5 10.3 15.5#

129 0.0 8.6 12.8#

