

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050225\  
 Data File : VX046015.D  
 Acq On : 02 May 2025 10:19  
 Operator : JC/MD  
 Sample : VX0502WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0502WBL01

Quant Time: May 02 13:01:21 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

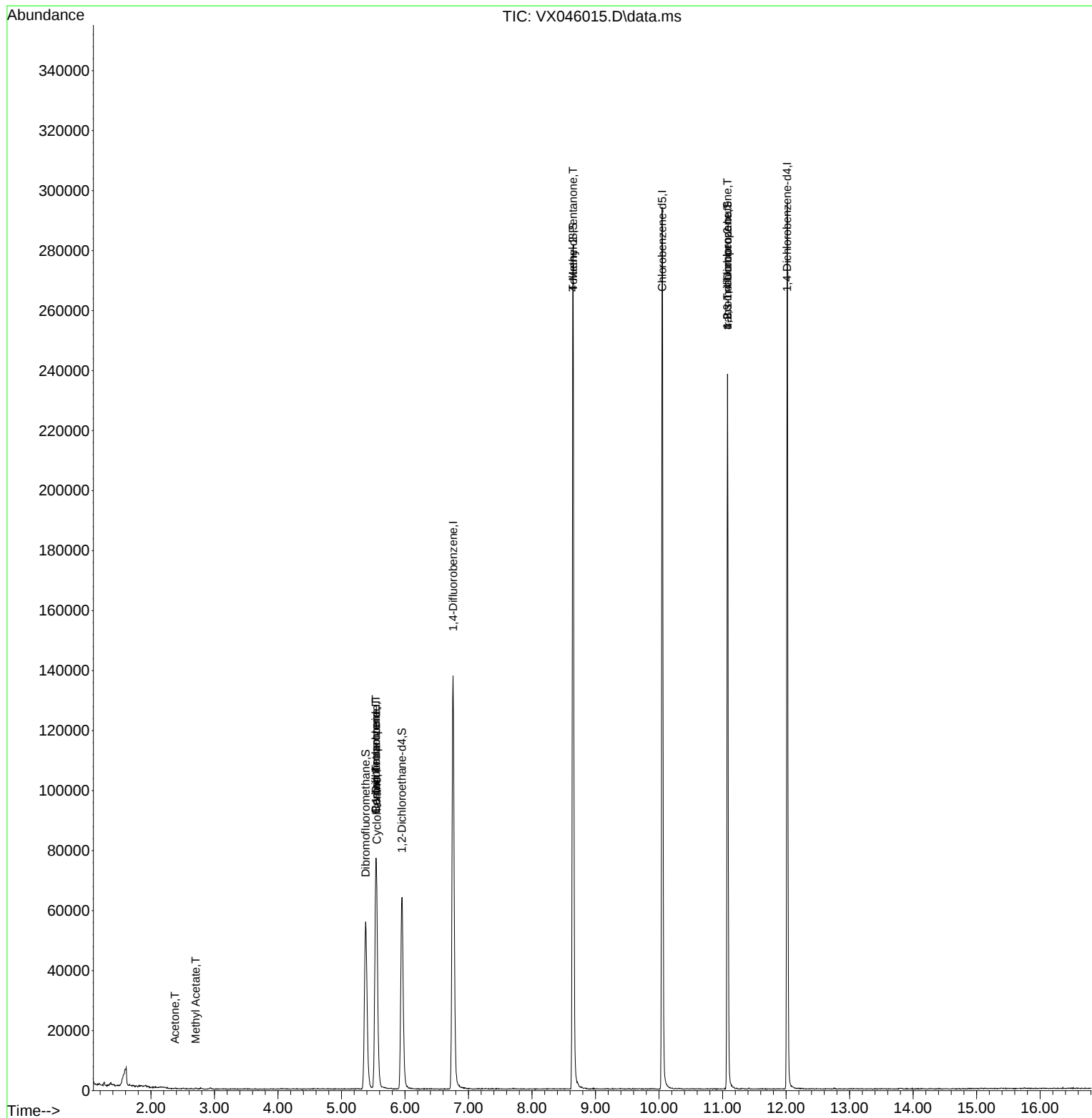
| Compound                      | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|------------|----------|
| -----                         |        |       |          |          |            |          |
| Internal Standards            |        |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.544  | 168   | 66865    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757  | 114   | 129422   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.049 | 117   | 121808   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018 | 152   | 52200    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 64859    | 53.042   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery | = 106.080% |          |
| 35) Dibromofluoromethane      | 5.379  | 113   | 47640    | 51.881   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | = 103.760% |          |
| 50) Toluene-d8                | 8.647  | 98    | 163418   | 50.988   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery | = 101.980% |          |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 61953    | 53.067   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 77 - 121 | Recovery | = 106.140% |          |
| Target Compounds              |        |       |          |          |            |          |
|                               |        |       |          |          | Qvalue     |          |
| 16) Acetone                   | 2.380  | 43    | 237      | 0.472    | ug/l #     | 47       |
| 18) Methyl Acetate            | 2.703  | 43    | 344      | 0.298    | ug/l #     | 66       |
| 31) Cyclohexane               | 5.556  | 56    | 1990     | 1.327    | ug/l #     | 13       |
| 36) 1,1-Dichloropropene       | 5.544  | 75    | 6659     | 5.371    | ug/l #     | 49       |
| 38) Carbon Tetrachloride      | 5.544  | 117   | 8298     | 6.193    | ug/l #     | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 946      | 0.603    | ug/l #     | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 35788    | 28.107   | ug/l #     | 37       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 35788    | 95.391   | ug/l #     | 1        |
| -----                         |        |       |          |          |            |          |

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

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Sample : VX0502WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0502WBL01

Quant Time: May 02 13:01:21 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 02 03:11:43 2025  
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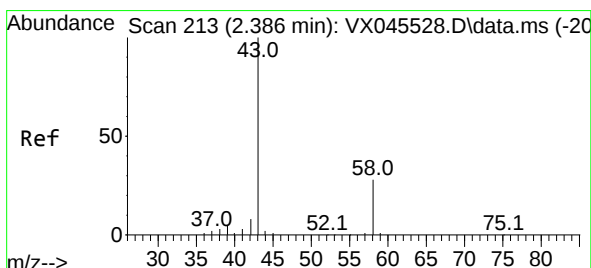
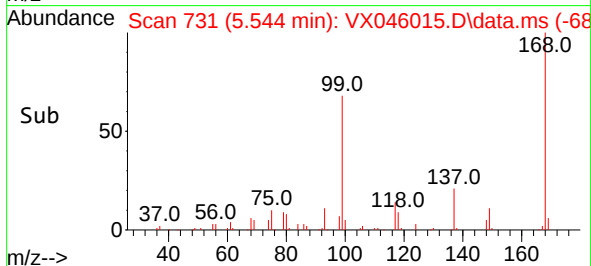
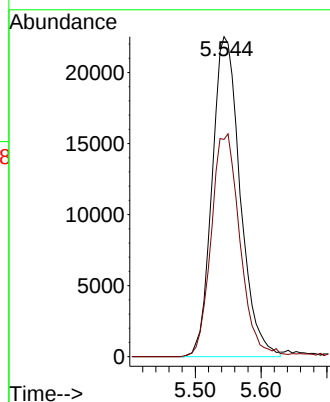
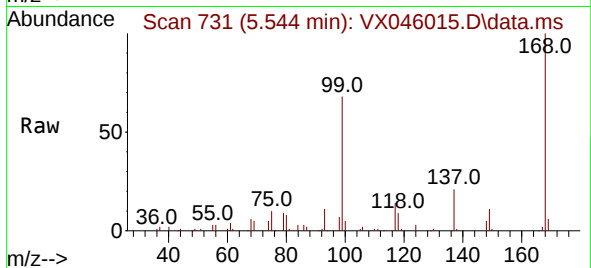




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX046015.D  
Acq: 02 May 2025 10:19

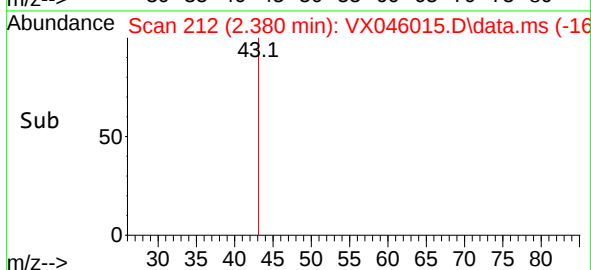
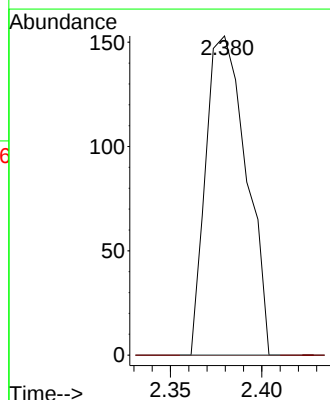
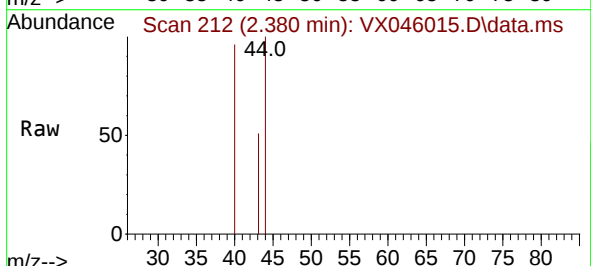
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0502WBL01

Tgt Ion:168 Resp: 66865  
Ion Ratio Lower Upper  
168 100  
99 67.9 52.3 78.5



#16  
Acetone  
Concen: 0.472 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX046015.D  
Acq: 02 May 2025 10:19

Tgt Ion: 43 Resp: 237  
Ion Ratio Lower Upper  
43 100  
58 0.0 22.3 33.5#

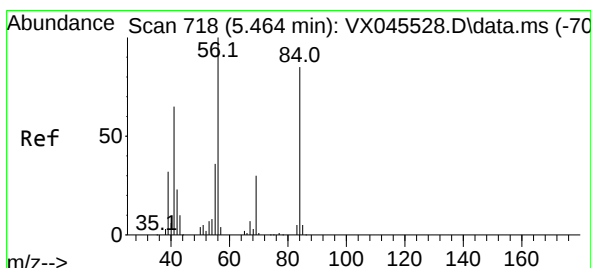
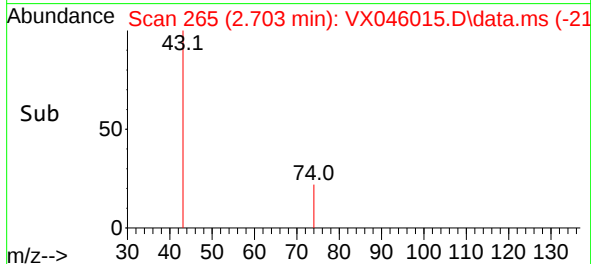
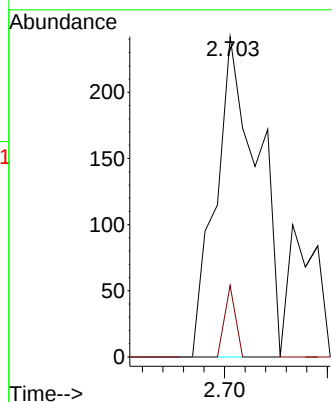
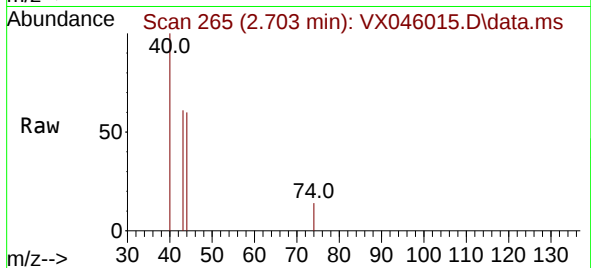




#18  
Methyl Acetate  
Concen: 0.298 ug/l  
RT: 2.703 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX046015.D  
Acq: 02 May 2025 10:19

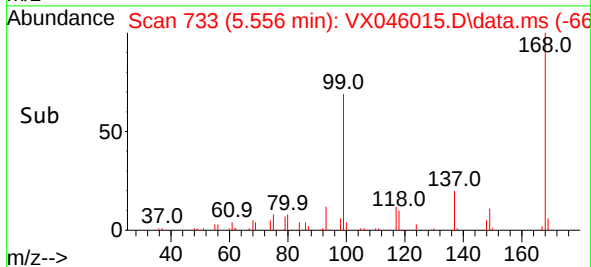
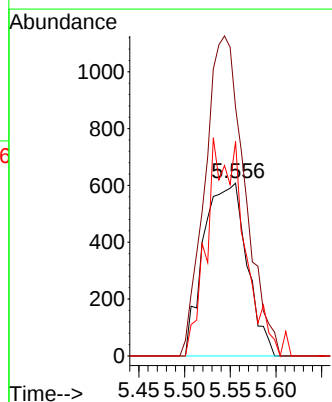
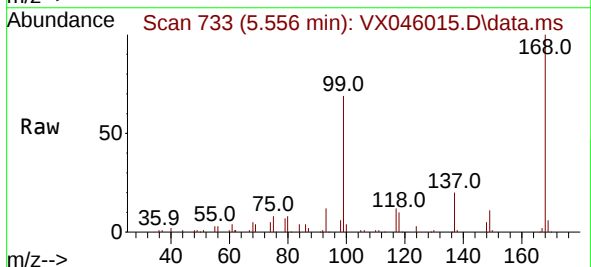
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0502WBL01

Tgt Ion: 43 Resp: 344  
Ion Ratio Lower Upper  
43 100  
74 5.8 17.5 26.3#



#31  
Cyclohexane  
Concen: 1.327 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.091 min  
Lab File: VX046015.D  
Acq: 02 May 2025 10:19

Tgt Ion: 56 Resp: 1990  
Ion Ratio Lower Upper  
56 100  
69 143.8 23.6 35.4#  
84 124.2 67.7 101.5#

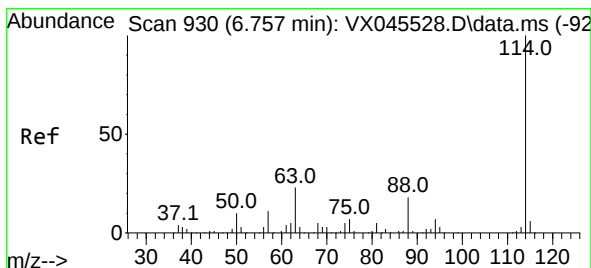
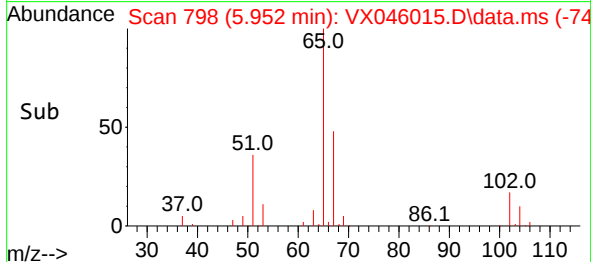
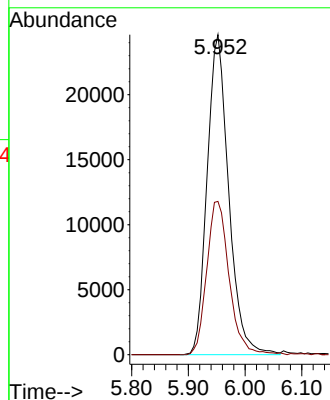
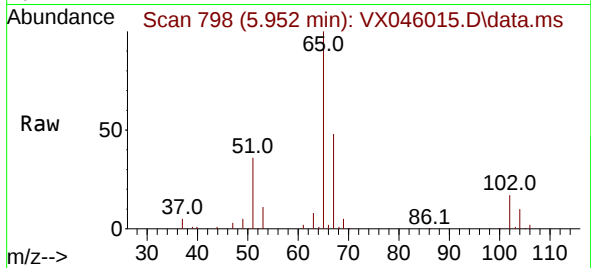




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.042 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. -0.000 min  
 Lab File: VX046015.D  
 Acq: 02 May 2025 10:19

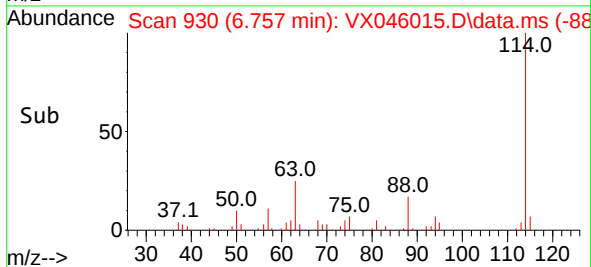
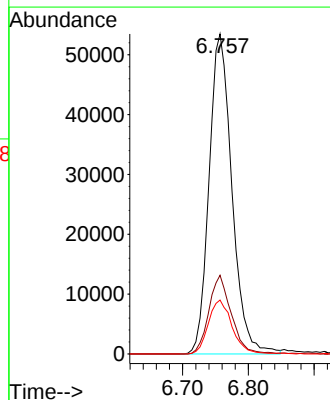
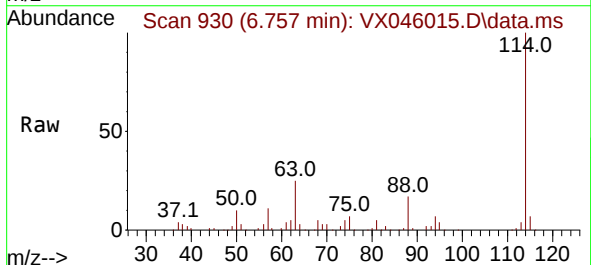
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0502WBL01

Tgt Ion: 65 Resp: 64859  
 Ion Ratio Lower Upper  
 65 100  
 67 50.0 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: VX046015.D  
 Acq: 02 May 2025 10:19

Tgt Ion: 114 Resp: 129422  
 Ion Ratio Lower Upper  
 114 100  
 63 24.6 0.0 46.8  
 88 16.9 0.0 35.4

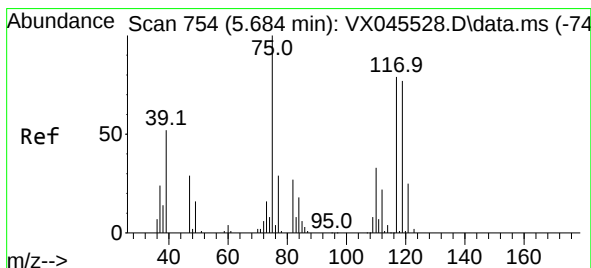
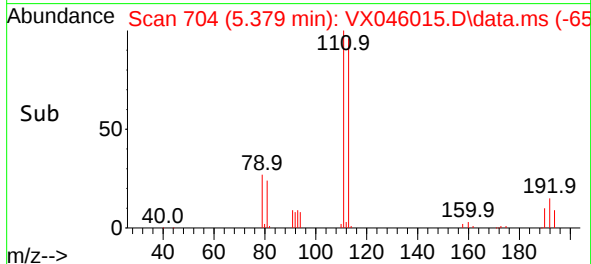
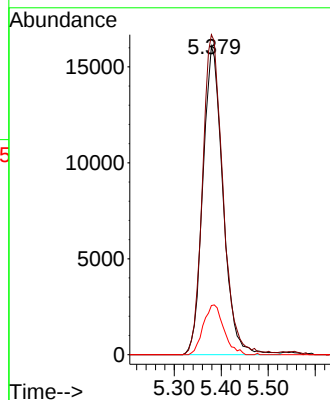
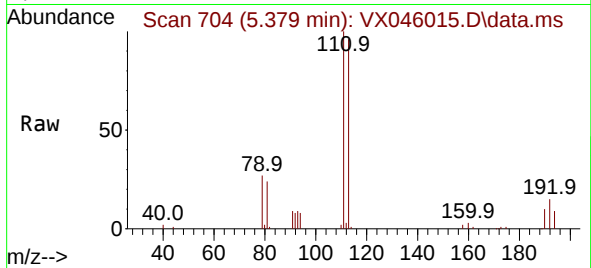




#35  
Dibromofluoromethane  
Concen: 51.881 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX046015.D  
Acq: 02 May 2025 10:19

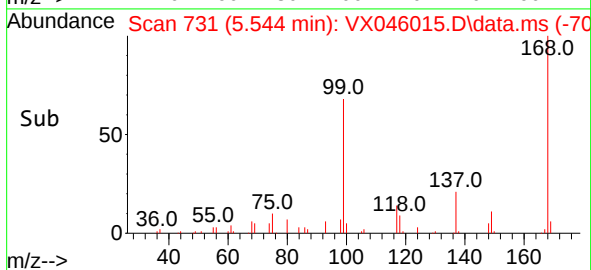
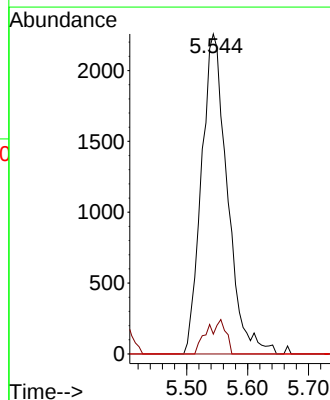
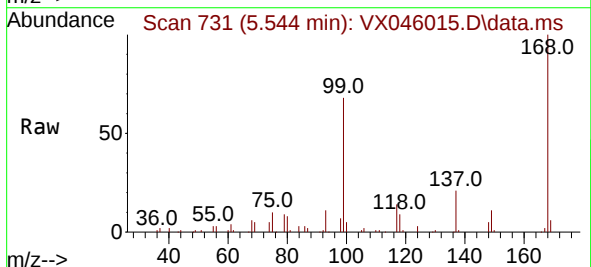
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0502WBL01

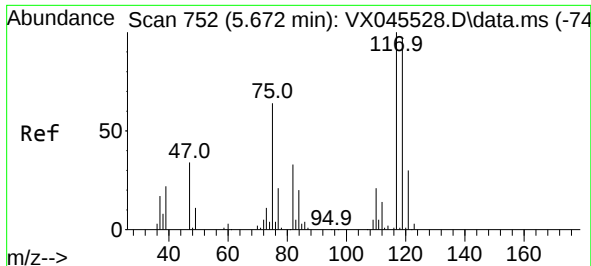
Tgt Ion:113 Resp: 47640  
Ion Ratio Lower Upper  
113 100  
111 104.8 81.8 122.6  
192 16.5 13.8 20.6



#36  
1,1-Dichloropropene  
Concen: 5.371 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.140 min  
Lab File: VX046015.D  
Acq: 02 May 2025 10:19

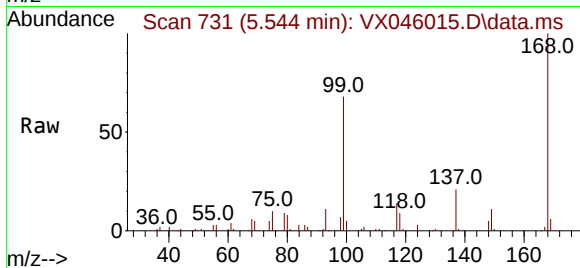
Tgt Ion: 75 Resp: 6659  
Ion Ratio Lower Upper  
75 100  
110 7.9 16.9 50.6#  
77 0.0 25.0 37.4#



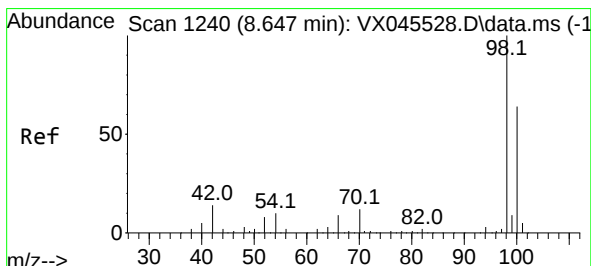
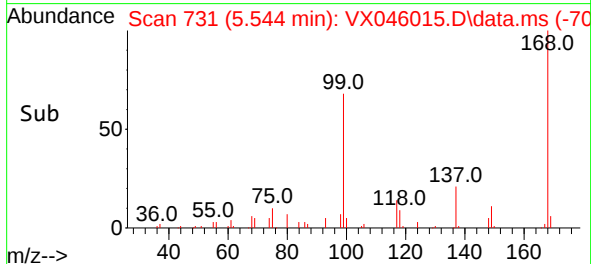
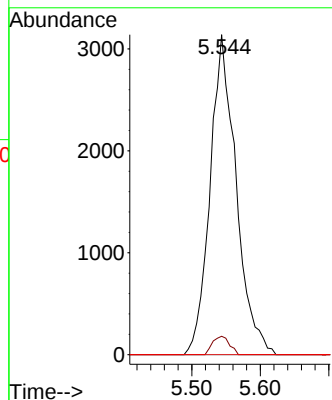


#38  
Carbon Tetrachloride  
Concen: 6.193 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX046015.D  
Acq: 02 May 2025 10:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0502WBL01

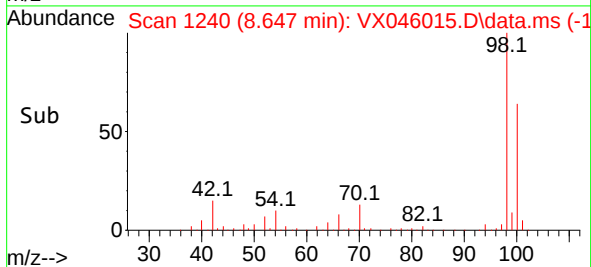
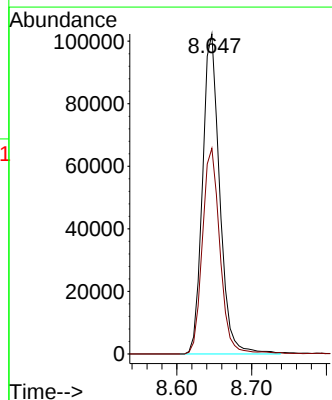
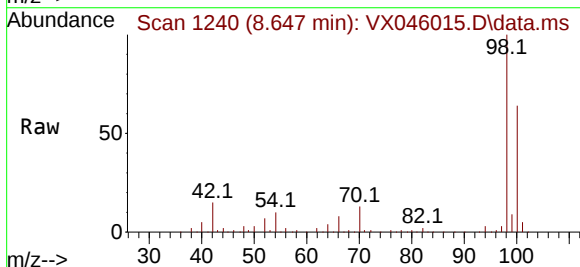


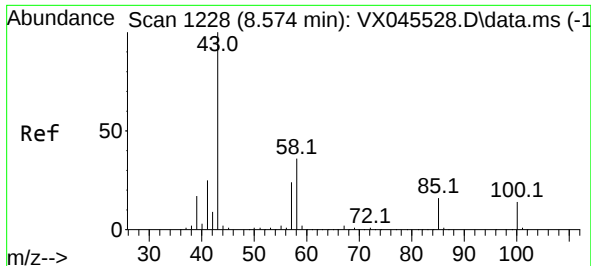
Tgt Ion:117 Resp: 8298  
Ion Ratio Lower Upper  
117 100  
119 5.7 76.9 115.3#  
121 0.0 24.2 36.2#



#50  
Toluene-d8  
Concen: 50.988 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX046015.D  
Acq: 02 May 2025 10:19

Tgt Ion: 98 Resp: 163418  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.2 78.4

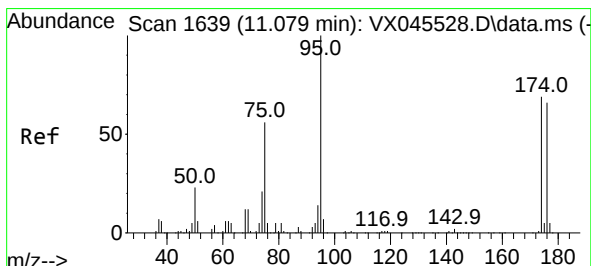
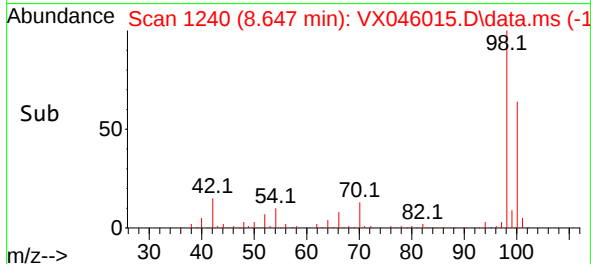
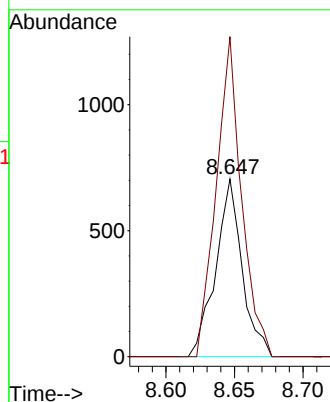
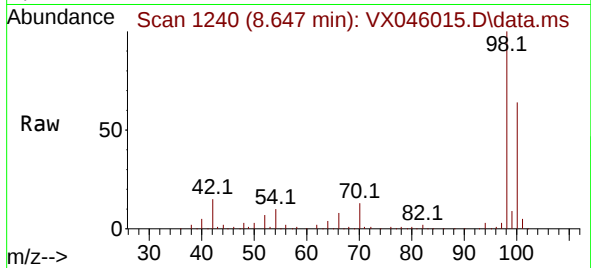




#51  
4-Methyl-2-Pentanone  
Concen: 0.603 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.073 min  
Lab File: VX046015.D  
Acq: 02 May 2025 10:19

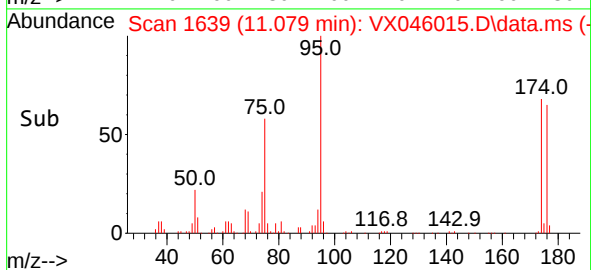
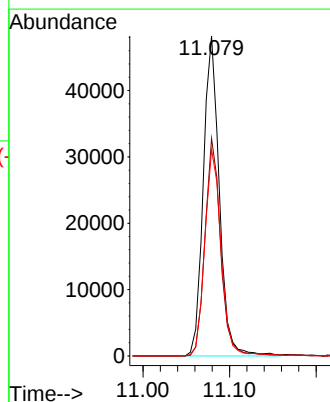
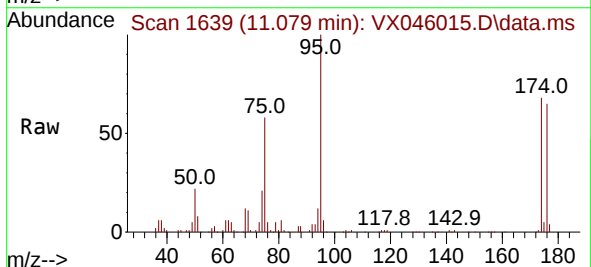
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VX0502WBL01

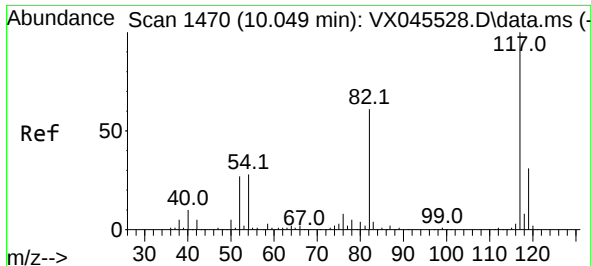
Tgt Ion: 43 Resp: 946  
Ion Ratio Lower Upper  
43 100  
58 172.6 28.5 42.7#



#62  
4-Bromofluorobenzene  
Concen: 53.067 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046015.D  
Acq: 02 May 2025 10:19

Tgt Ion: 95 Resp: 61953  
Ion Ratio Lower Upper  
95 100  
174 66.8 0.0 135.8  
176 65.4 0.0 131.4

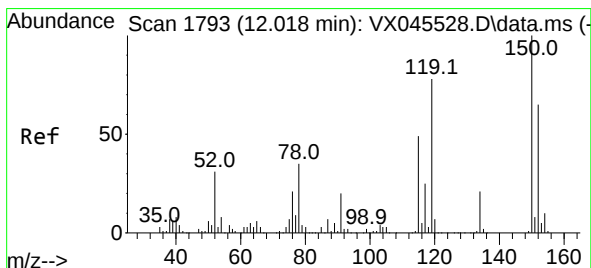
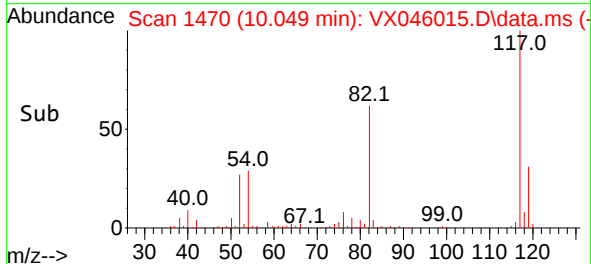
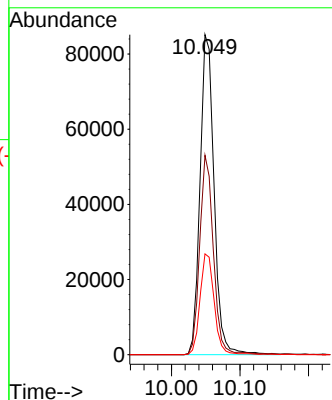
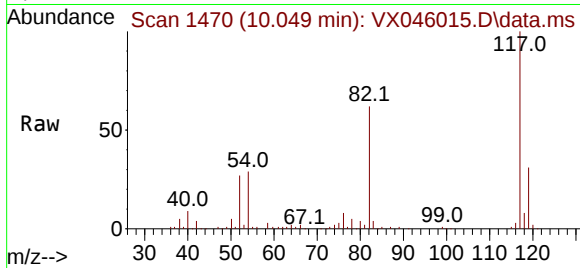




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX046015.D  
Acq: 02 May 2025 10:19

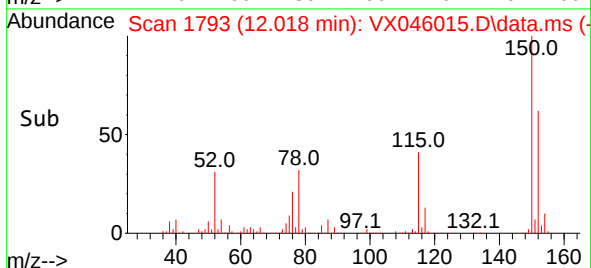
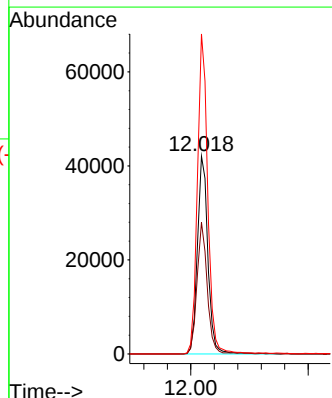
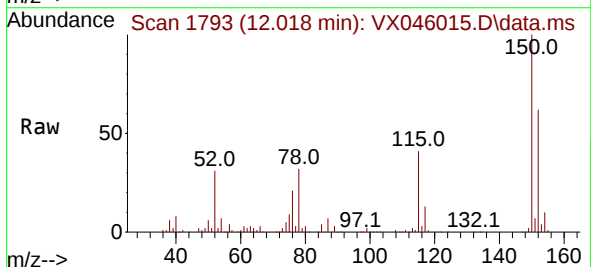
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0502WBL01

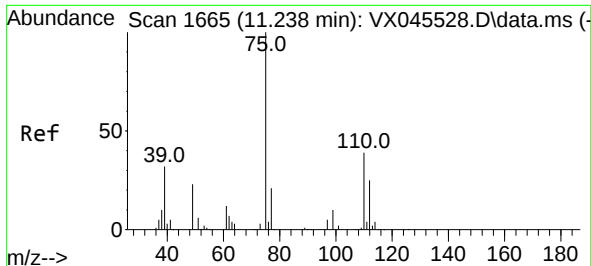
Tgt Ion:117 Resp: 121808  
Ion Ratio Lower Upper  
117 100  
82 62.3 49.2 73.8  
119 31.5 25.1 37.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX046015.D  
Acq: 02 May 2025 10:19

Tgt Ion:152 Resp: 52200  
Ion Ratio Lower Upper  
152 100  
115 65.3 46.9 140.7  
150 159.7 0.0 349.4

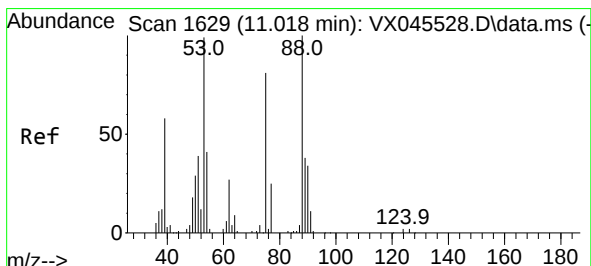
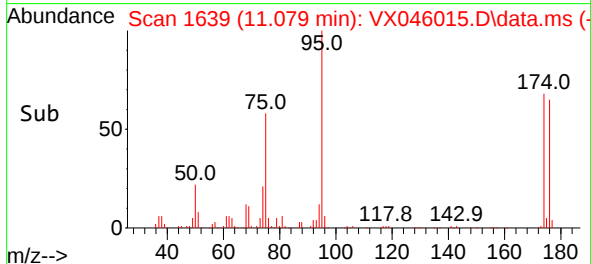
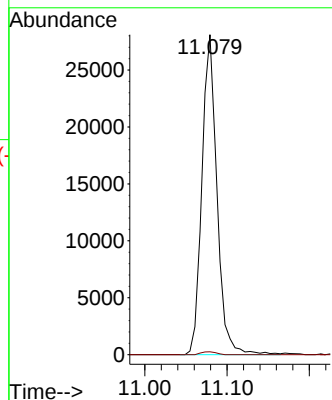
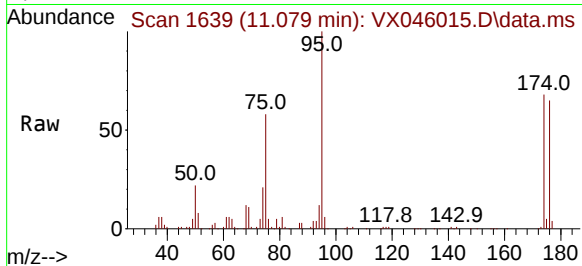




#76  
1,2,3-Trichloropropane  
Concen: 28.107 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.159 min  
Lab File: VX046015.D  
Acq: 02 May 2025 10:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0502WBL01

Tgt Ion: 75 Resp: 35788  
Ion Ratio Lower Upper  
75 100  
77 0.9 20.0 59.9#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 95.391 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX046015.D  
Acq: 02 May 2025 10:19

Tgt Ion: 75 Resp: 35788  
Ion Ratio Lower Upper  
75 100  
53 0.0 101.8 152.6#  
89 0.0 37.2 55.8#

