

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040225\  
 Data File : VX045547.D  
 Acq On : 02 Apr 2025 15:18  
 Operator : JC/MD  
 Sample : Q1697-07 400X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-19B-72-040125

Quant Time: Apr 03 01:53:21 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

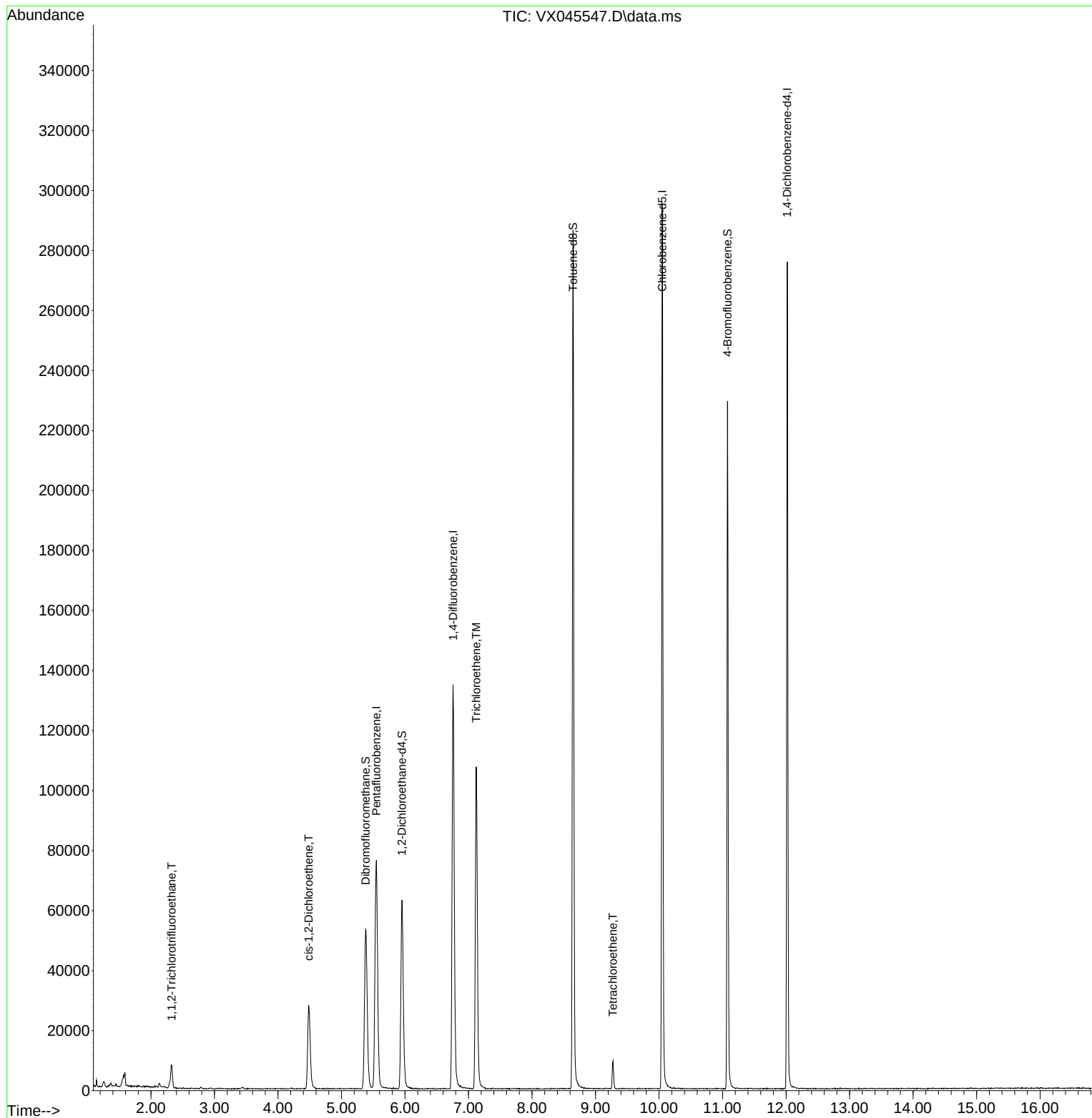
| Compound                     | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                        |           |                |          |            |        |          |
| Internal Standards           |           |                |          |            |        |          |
| 1) Pentafluorobenzene        | 5.550     | 168            | 66386    | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757     | 114            | 128676   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.049    | 117            | 120233   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018    | 152            | 50010    | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds  |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952     | 65             | 63178    | 52.040     | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range 74 - 125 | Recovery | = 104.080% |        |          |
| 35) Dibromofluoromethane     | 5.379     | 113            | 46895    | 51.366     | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range 75 - 124 | Recovery | = 102.740% |        |          |
| 50) Toluene-d8               | 8.647     | 98             | 161728   | 50.753     | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range 86 - 113 | Recovery | = 101.500% |        |          |
| 62) 4-Bromofluorobenzene     | 11.079    | 95             | 58223    | 50.161     | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range 77 - 121 | Recovery | = 100.320% |        |          |
| Target Compounds             |           |                |          |            |        |          |
|                              |           |                |          |            | Qvalue |          |
| 9) 1,1,2-Trichlorotrifluo... | 2.325     | 101            | 3099     | 3.800      | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 4.483     | 96             | 16930    | 17.067     | ug/l   | 91       |
| 44) Trichloroethene          | 7.123     | 130            | 39024    | 43.611     | ug/l   | 92       |
| 64) Tetrachloroethene        | 9.275     | 164            | 1750     | 2.062      | ug/l # | 79       |
| -----                        |           |                |          |            |        |          |

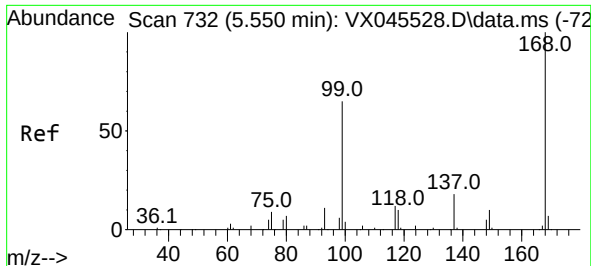
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040225\  
Data File : VX045547.D  
Acq On : 02 Apr 2025 15:18  
Operator : JC/MD  
Sample : Q1697-07 400X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-19B-72-040125

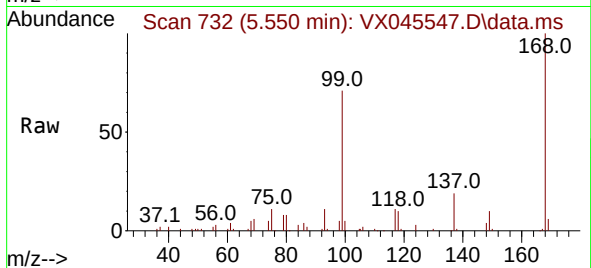
Quant Time: Apr 03 01:53:21 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 02 03:11:43 2025  
Response via : Initial Calibration



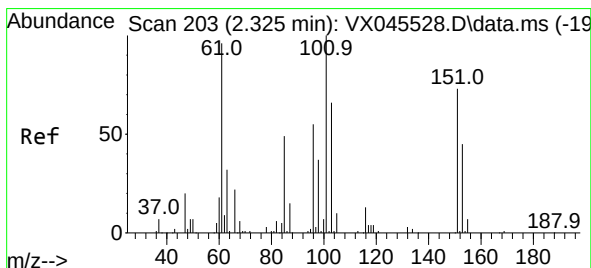
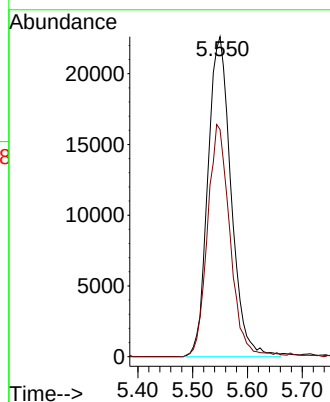
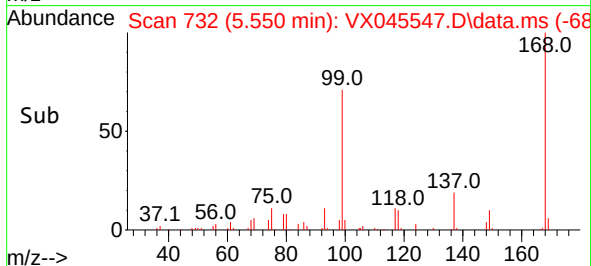


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX045547.D  
Acq: 02 Apr 2025 15:18

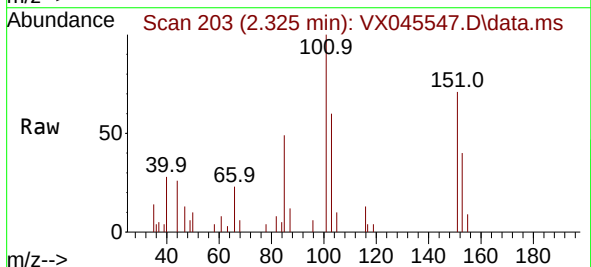
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-19B-72-040125



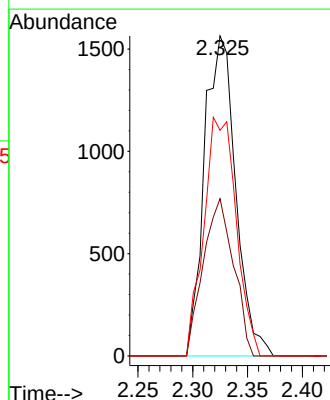
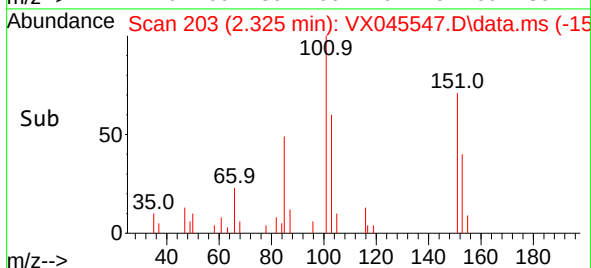
Tgt Ion:168 Resp: 66386  
Ion Ratio Lower Upper  
168 100  
99 71.0 52.3 78.5

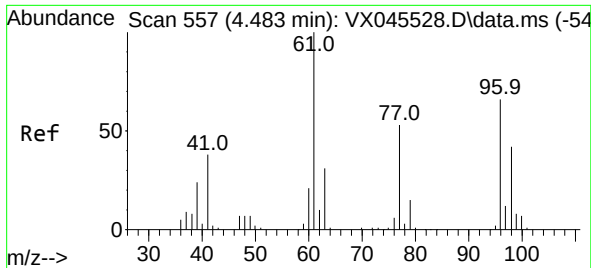


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 3.800 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VX045547.D  
Acq: 02 Apr 2025 15:18



Tgt Ion:101 Resp: 3099  
Ion Ratio Lower Upper  
101 100  
85 47.8 38.9 58.3  
151 77.3 57.5 86.3

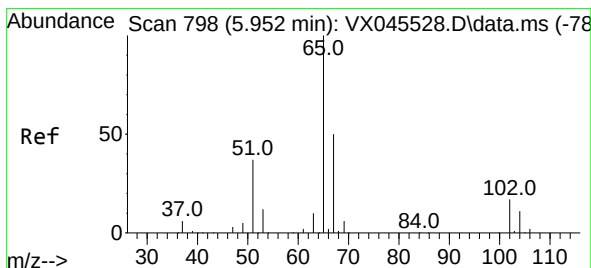
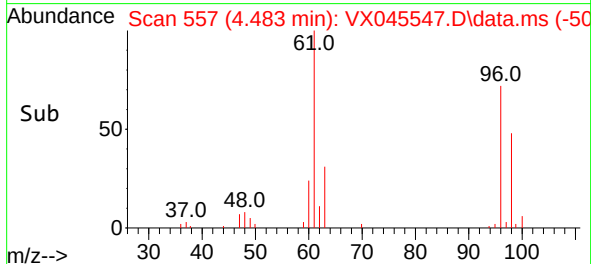
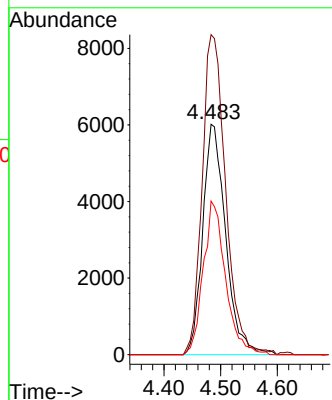
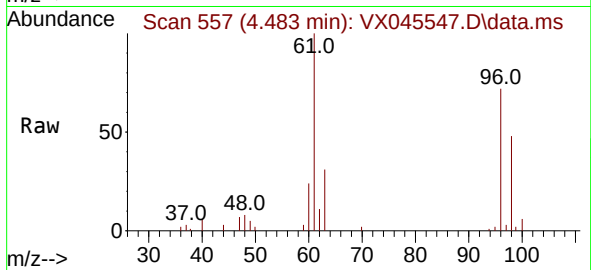




#27  
cis-1,2-Dichloroethene  
Concen: 17.067 ug/l  
RT: 4.483 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX045547.D  
Acq: 02 Apr 2025 15:18

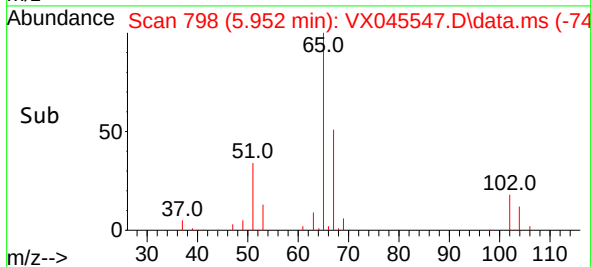
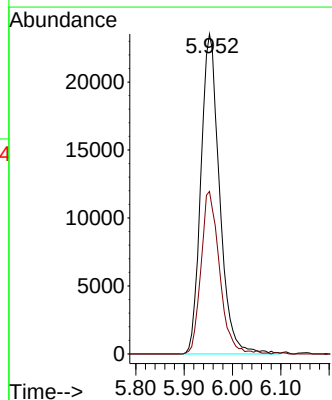
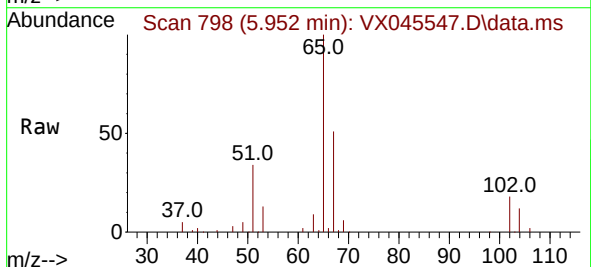
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-19B-72-040125

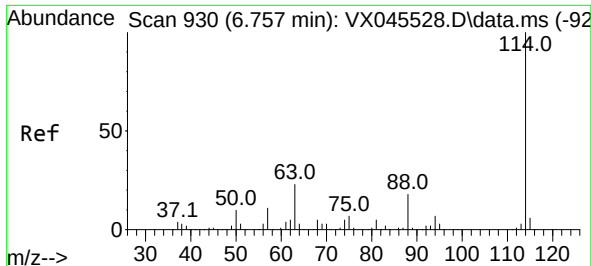
Tgt Ion: 96 Resp: 16930  
Ion Ratio Lower Upper  
96 100  
61 142.1 0.0 313.2  
98 64.9 0.0 126.4



#33  
1,2-Dichloroethane-d4  
Concen: 52.040 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX045547.D  
Acq: 02 Apr 2025 15:18

Tgt Ion: 65 Resp: 63178  
Ion Ratio Lower Upper  
65 100  
67 50.4 0.0 99.0

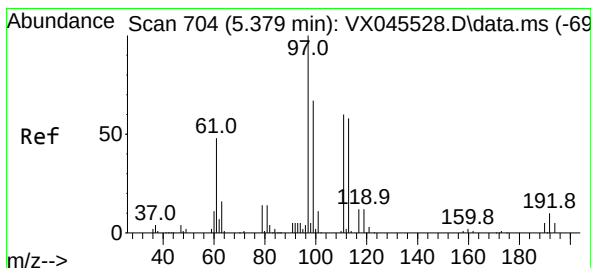
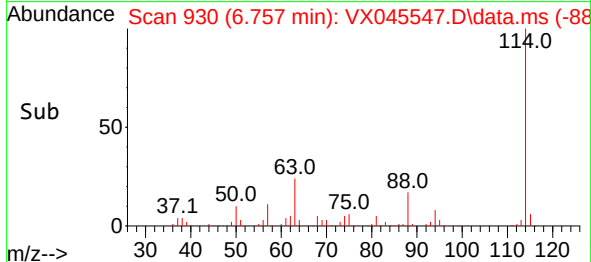
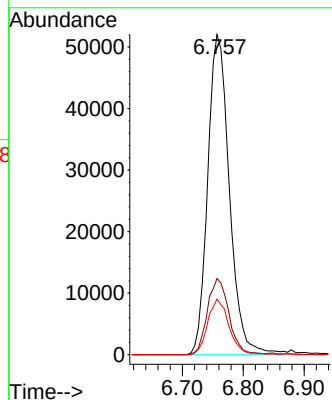
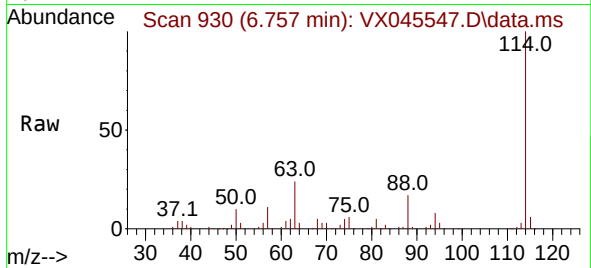




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VX045547.D  
 Acq: 02 Apr 2025 15:18

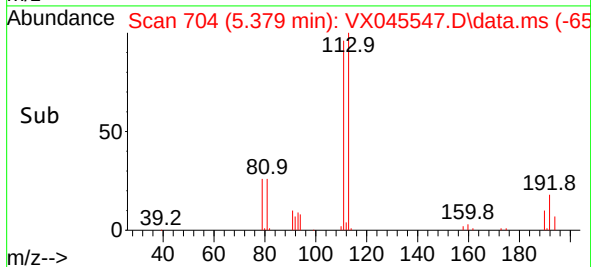
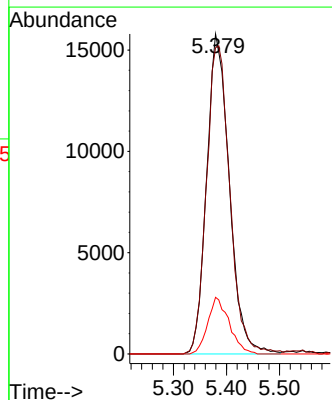
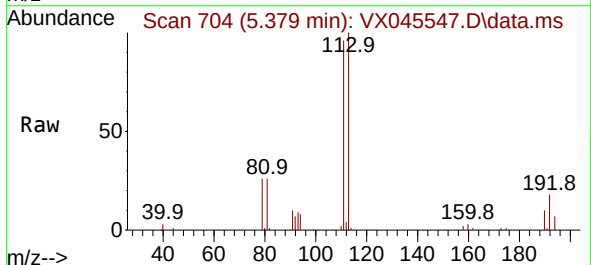
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-19B-72-040125

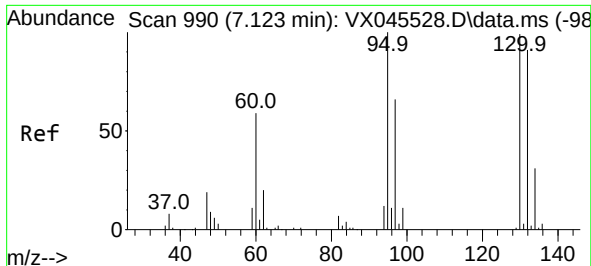
Tgt Ion:114 Resp: 128676  
 Ion Ratio Lower Upper  
 114 100  
 63 23.8 0.0 46.8  
 88 17.3 0.0 35.4



#35  
 Dibromofluoromethane  
 Concen: 51.366 ug/l  
 RT: 5.379 min Scan# 704  
 Delta R.T. 0.000 min  
 Lab File: VX045547.D  
 Acq: 02 Apr 2025 15:18

Tgt Ion:113 Resp: 46895  
 Ion Ratio Lower Upper  
 113 100  
 111 99.7 81.8 122.6  
 192 16.8 13.8 20.6

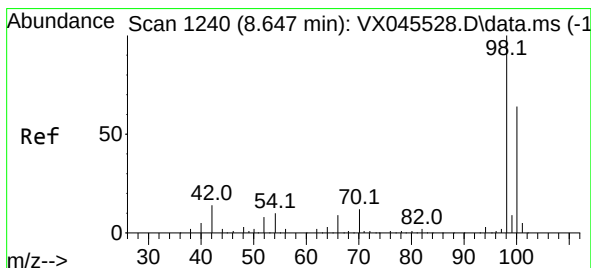
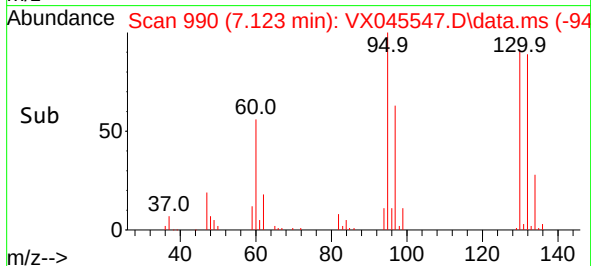
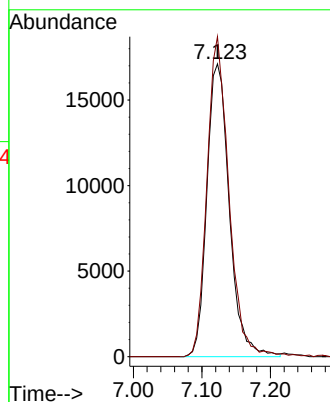
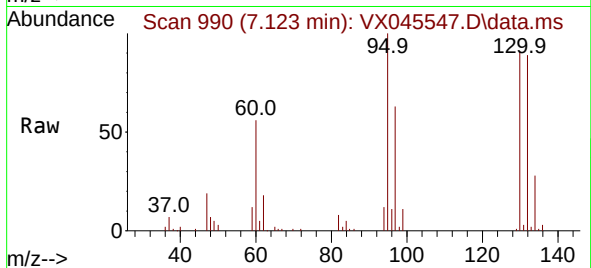




#44  
Trichloroethene  
Concen: 43.611 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX045547.D  
Acq: 02 Apr 2025 15:18

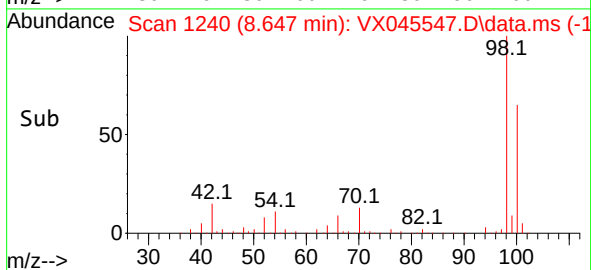
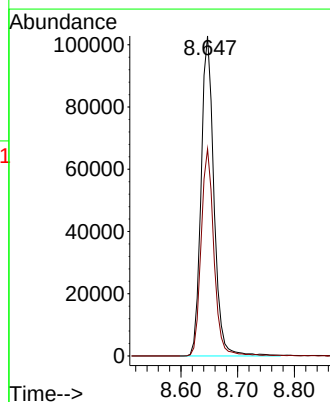
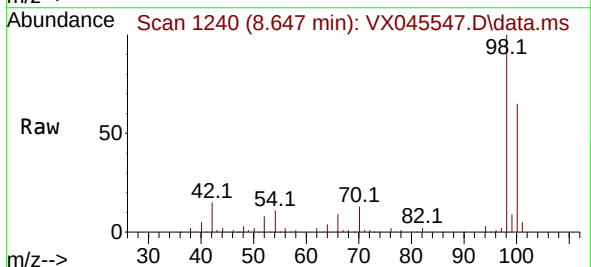
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-19B-72-040125

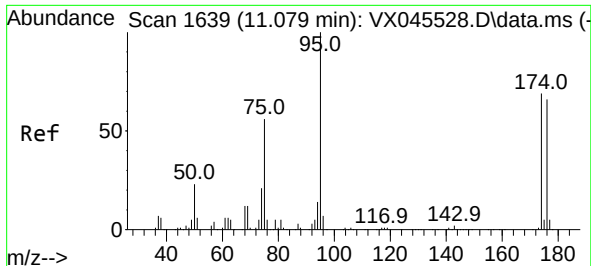
Tgt Ion:130 Resp: 39024  
Ion Ratio Lower Upper  
130 100  
95 109.3 0.0 202.0



#50  
Toluene-d8  
Concen: 50.753 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX045547.D  
Acq: 02 Apr 2025 15:18

Tgt Ion: 98 Resp: 161728  
Ion Ratio Lower Upper  
98 100  
100 64.3 52.2 78.4

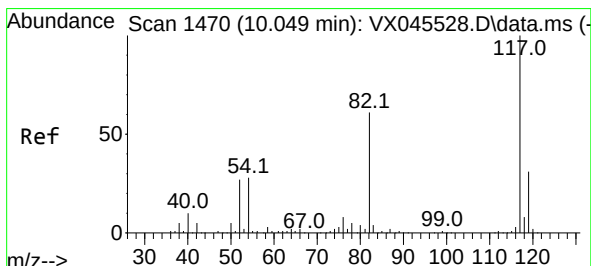
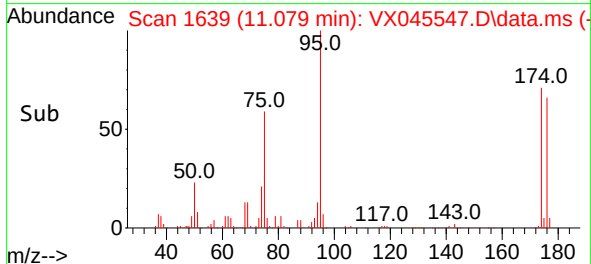
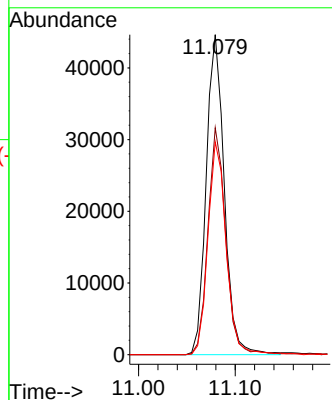
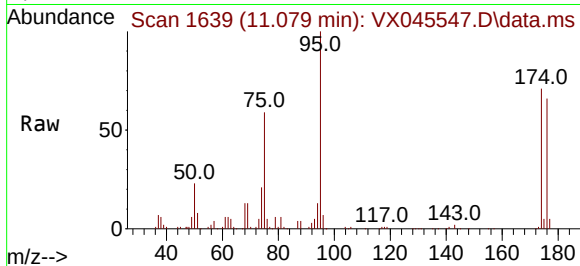




#62  
4-Bromofluorobenzene  
Concen: 50.161 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX045547.D  
Acq: 02 Apr 2025 15:18

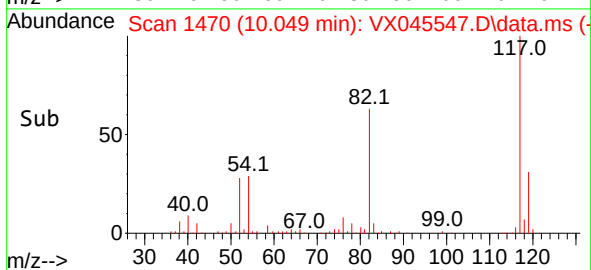
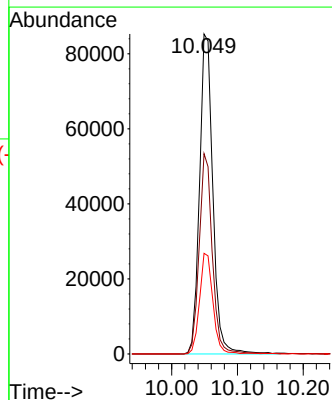
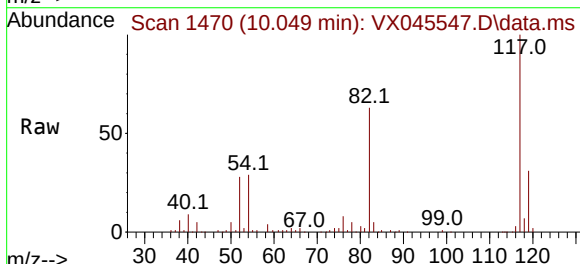
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-19B-72-040125

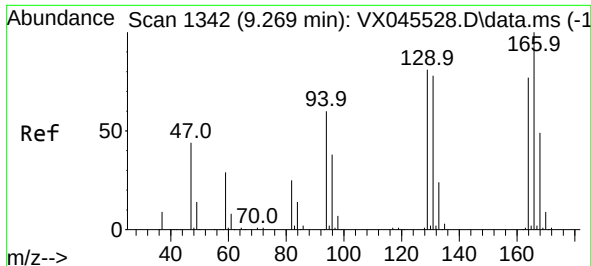
Tgt Ion: 95 Resp: 58223  
Ion Ratio Lower Upper  
95 100  
174 69.8 0.0 135.8  
176 66.9 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX045547.D  
Acq: 02 Apr 2025 15:18

Tgt Ion: 117 Resp: 120233  
Ion Ratio Lower Upper  
117 100  
82 62.6 49.2 73.8  
119 31.4 25.1 37.7

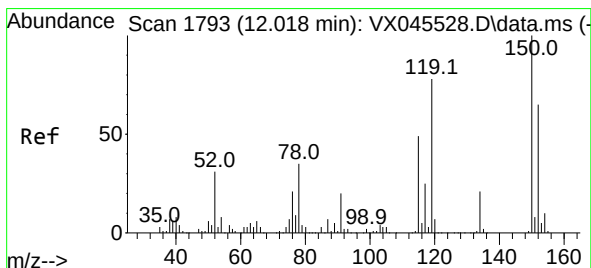
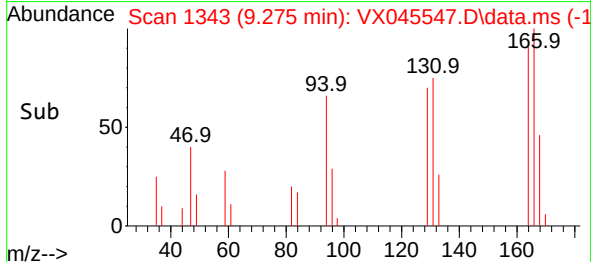
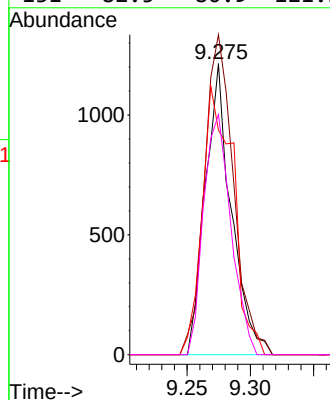
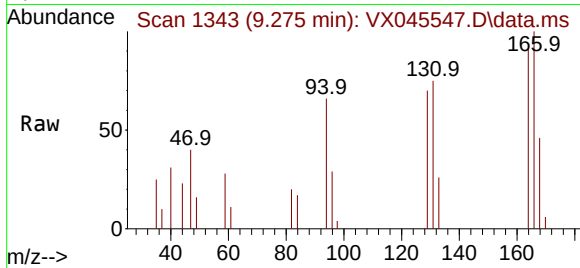




#64  
Tetrachloroethene  
Concen: 2.062 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX045547.D  
Acq: 02 Apr 2025 15:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-19B-72-040125

Tgt Ion:164 Resp: 1750  
Ion Ratio Lower Upper  
164 100  
166 110.0 103.8 155.8  
129 77.2 84.3 126.5#  
131 82.5 80.9 121.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX045547.D  
Acq: 02 Apr 2025 15:18

Tgt Ion:152 Resp: 50010  
Ion Ratio Lower Upper  
152 100  
115 65.7 46.9 140.7  
150 160.4 0.0 349.4

