

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032025\  
 Data File : VX045369.D  
 Acq On : 20 Mar 2025 18:19  
 Operator : JC/MD  
 Sample : Q1582-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TT119S1-20250313

Quant Time: Mar 21 01:52:49 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 06:45:16 2025  
 Response via : Initial Calibration

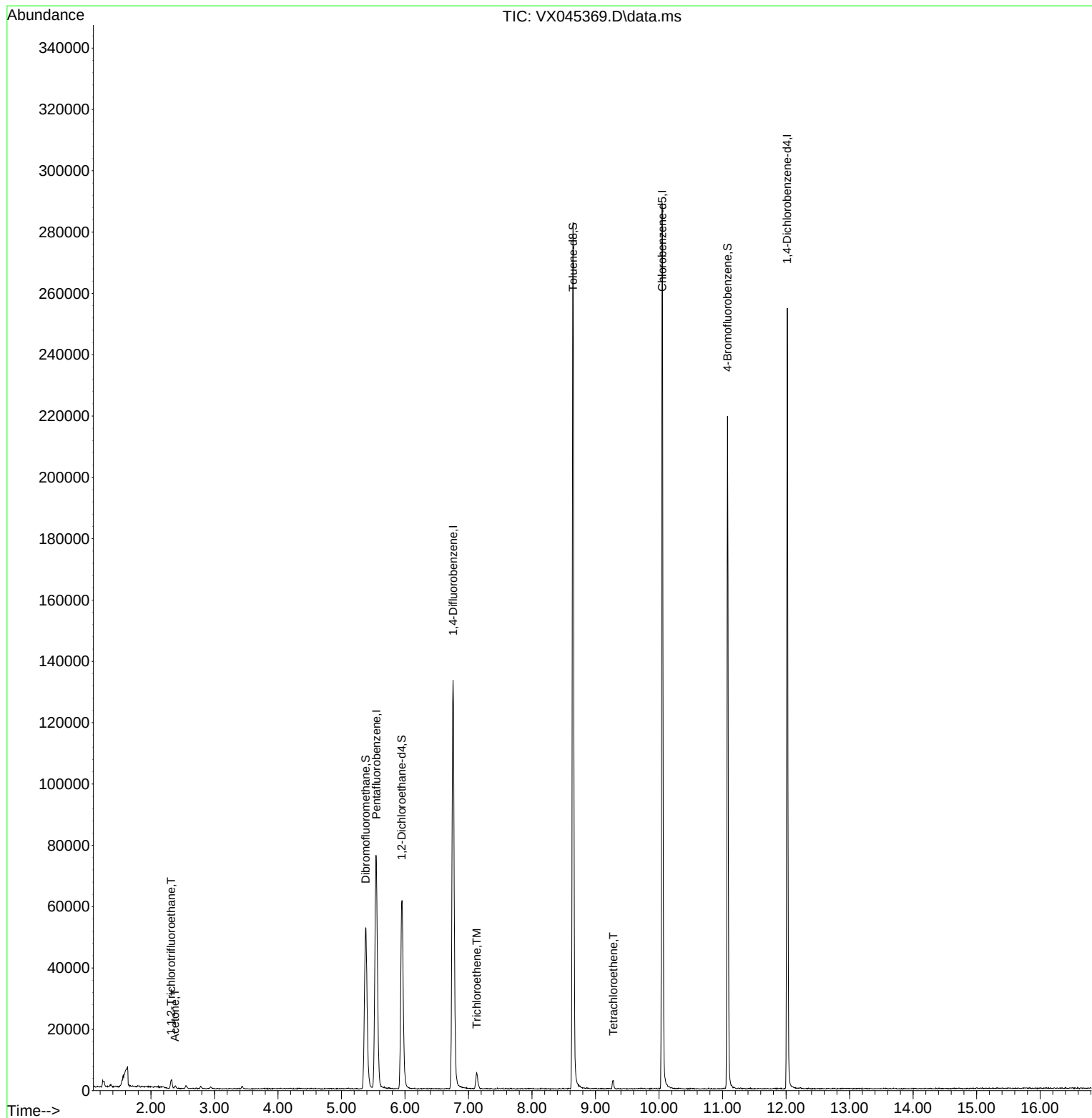
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 66589    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 130512   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.049 | 117   | 122323   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 47028    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.946  | 65    | 60689    | 57.297   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 114.600% |
| 35) Dibromofluoromethane     | 5.379  | 113   | 46381    | 53.147   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 106.300% |
| 50) Toluene-d8               | 8.647  | 98    | 162619   | 51.399   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 102.800% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 56246    | 53.649   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 107.300% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 1246     | 1.610    | ug/l   | 93       |
| 16) Acetone                  | 2.380  | 43    | 1104     | 2.246    | ug/l # | 86       |
| 44) Trichloroethene          | 7.129  | 130   | 2255     | 2.541    | ug/l   | 73       |
| 64) Tetrachloroethene        | 9.281  | 164   | 625      | 0.798    | ug/l # | 62       |
| -----                        |        |       |          |          |        |          |

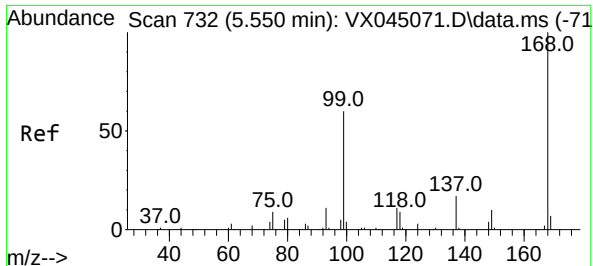
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 28 06:45:16 2025  
Response via : Initial Calibration

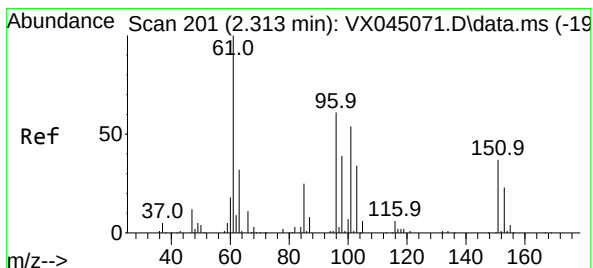
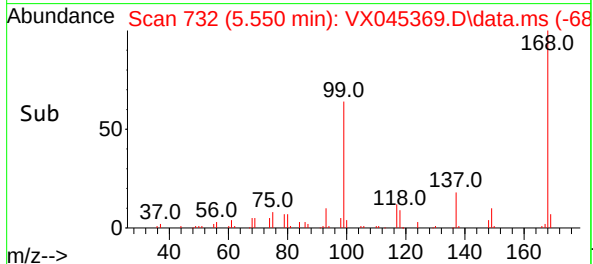
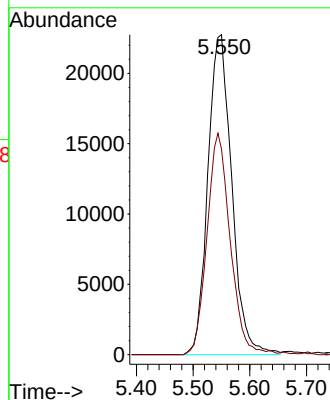
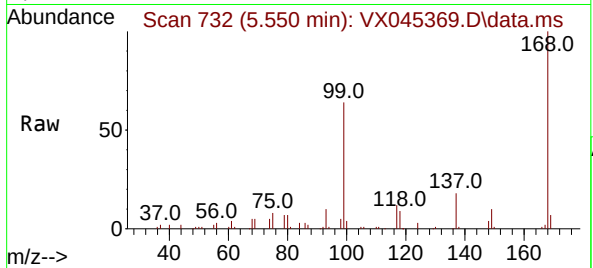




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX045369.D  
Acq: 20 Mar 2025 18:19

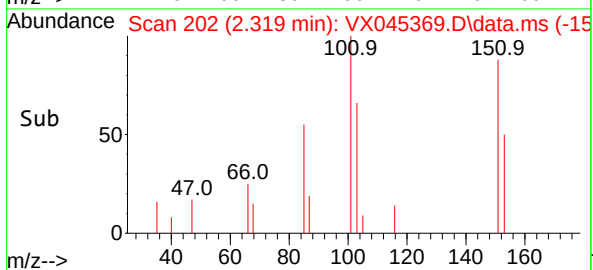
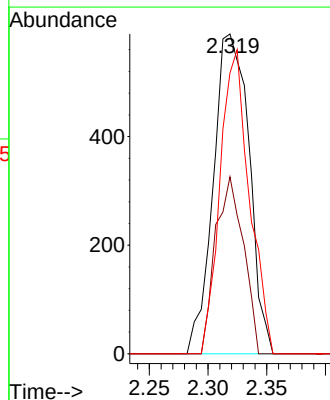
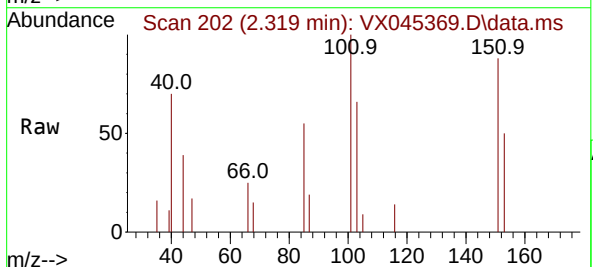
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MSVOA\_X  
ClientSampleId :  
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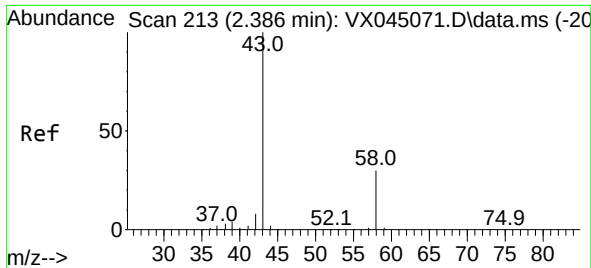
Tgt Ion:168 Resp: 66589  
Ion Ratio Lower Upper  
168 100  
99 64.2 48.2 72.4



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.610 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.006 min  
Lab File: VX045369.D  
Acq: 20 Mar 2025 18:19

Tgt Ion:101 Resp: 1246  
Ion Ratio Lower Upper  
101 100  
85 43.2 36.2 54.4  
151 78.0 56.4 84.6

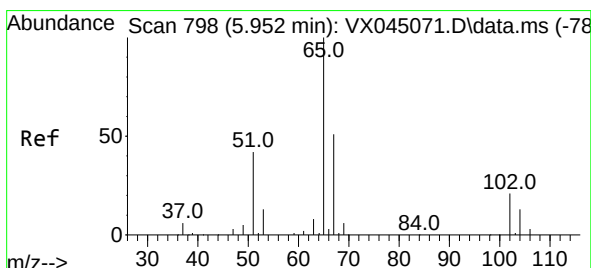
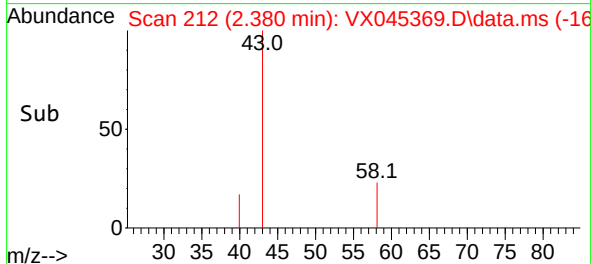
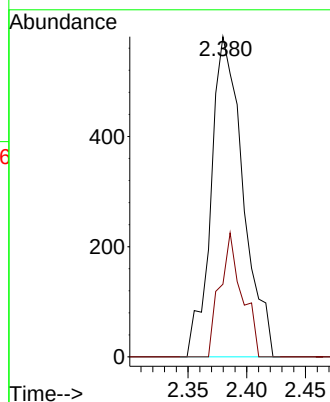
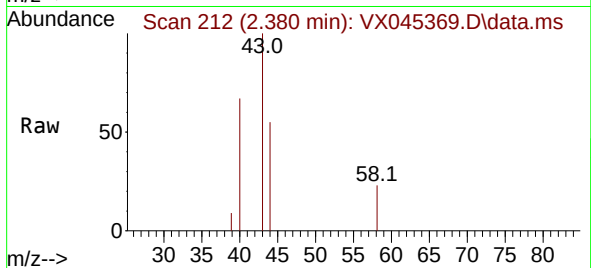




#16  
Acetone  
Concen: 2.246 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX045369.D  
Acq: 20 Mar 2025 18:19

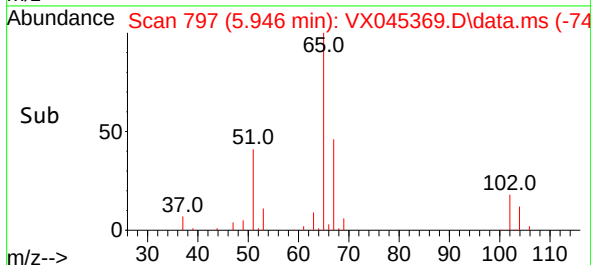
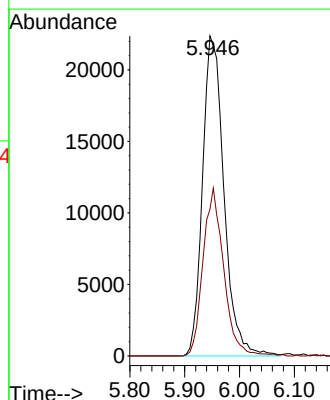
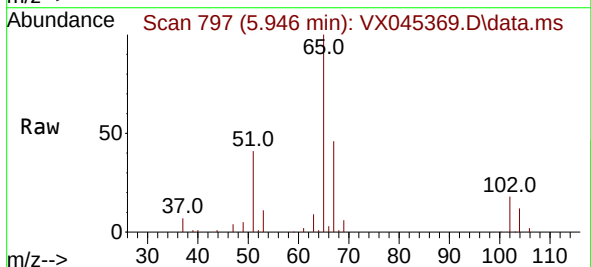
Instrument :  
MSVOA\_X  
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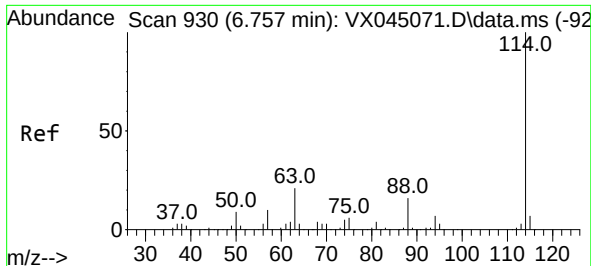
Tgt Ion: 43 Resp: 1104  
Ion Ratio Lower Upper  
43 100  
58 22.7 24.2 36.4#



#33  
1,2-Dichloroethane-d4  
Concen: 57.297 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: VX045369.D  
Acq: 20 Mar 2025 18:19

Tgt Ion: 65 Resp: 60689  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 106.2

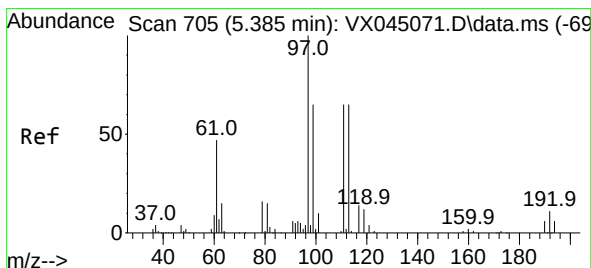
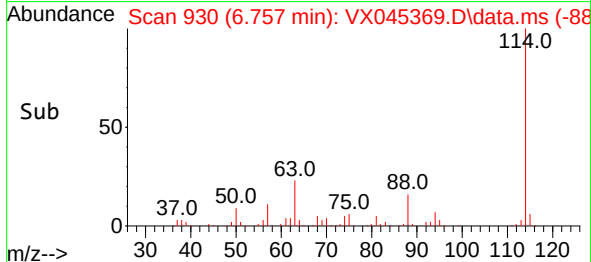
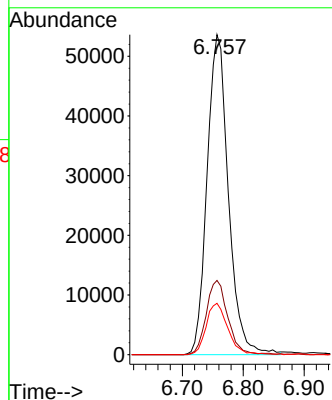
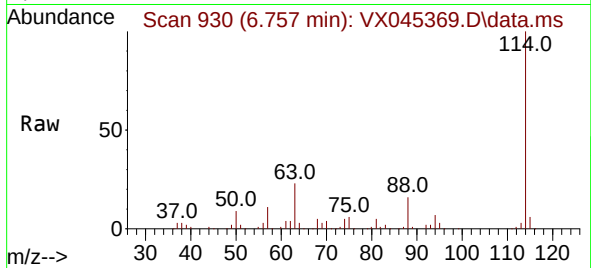




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX045369.D  
Acq: 20 Mar 2025 18:19

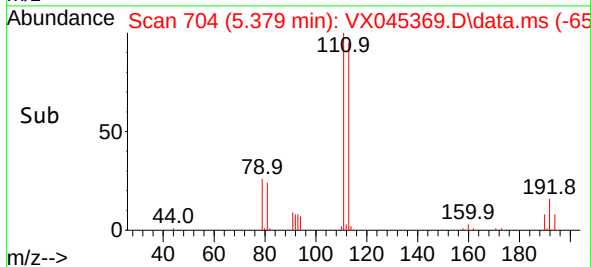
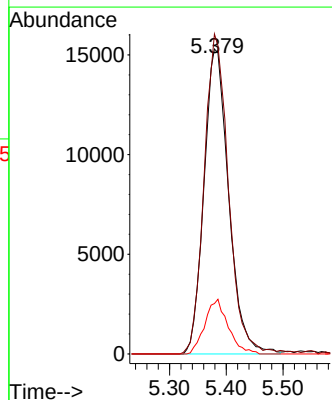
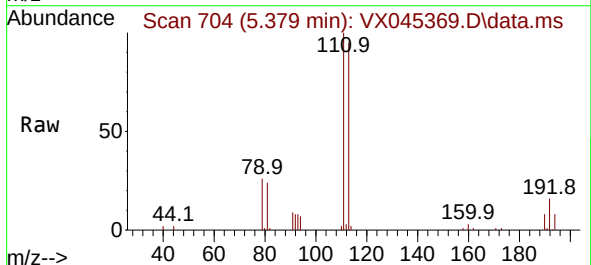
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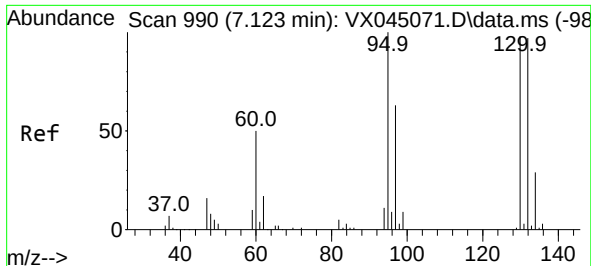
Tgt Ion:114 Resp: 130512  
Ion Ratio Lower Upper  
114 100  
63 23.2 0.0 41.8  
88 16.1 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 53.147 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX045369.D  
Acq: 20 Mar 2025 18:19

Tgt Ion:113 Resp: 46381  
Ion Ratio Lower Upper  
113 100  
111 102.7 81.8 122.6  
192 16.8 14.3 21.5

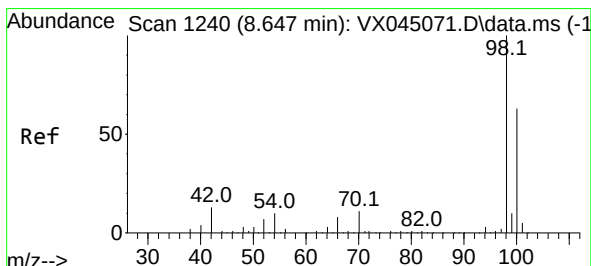
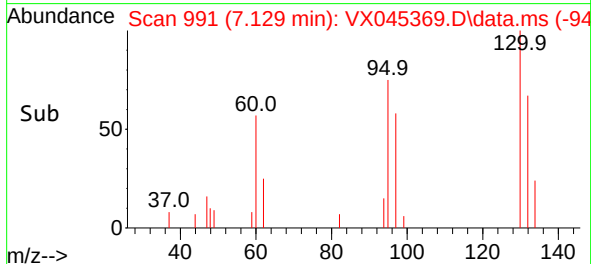
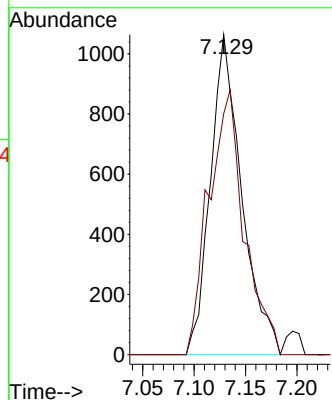
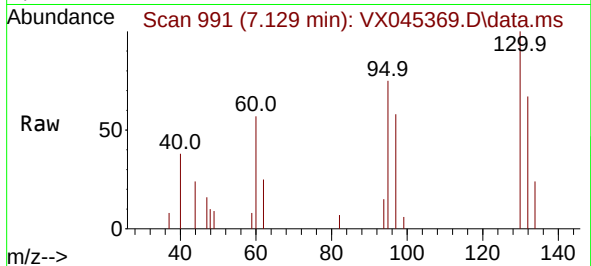




#44  
Trichloroethene  
Concen: 2.541 ug/l  
RT: 7.129 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: VX045369.D  
Acq: 20 Mar 2025 18:19

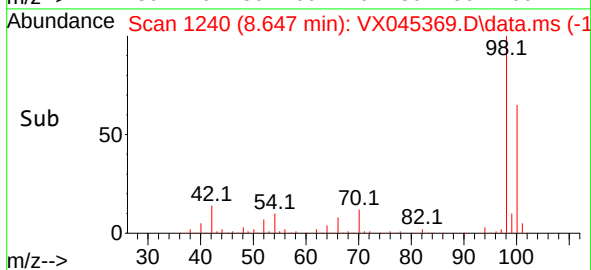
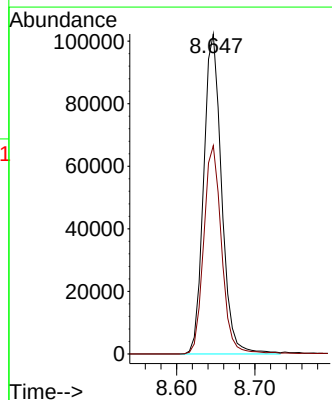
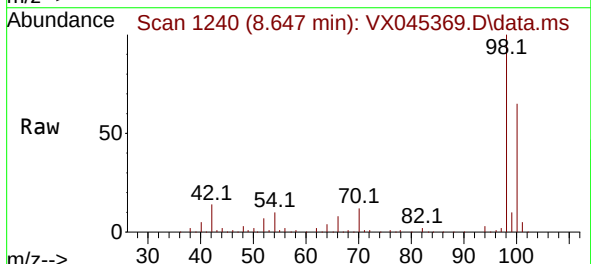
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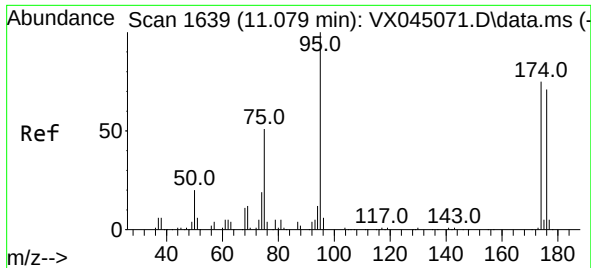
Tgt Ion:130 Resp: 2255  
Ion Ratio Lower Upper  
130 100  
95 75.3 0.0 205.0



#50  
Toluene-d8  
Concen: 51.399 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX045369.D  
Acq: 20 Mar 2025 18:19

Tgt Ion: 98 Resp: 162619  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.0 78.0

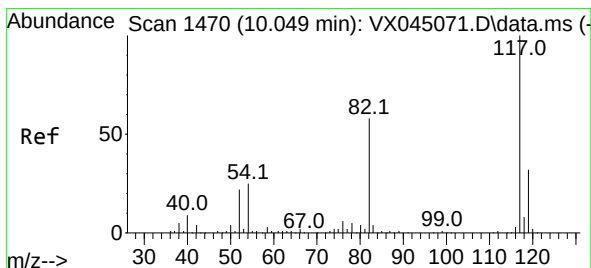
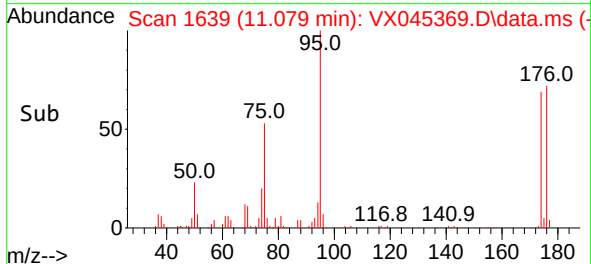
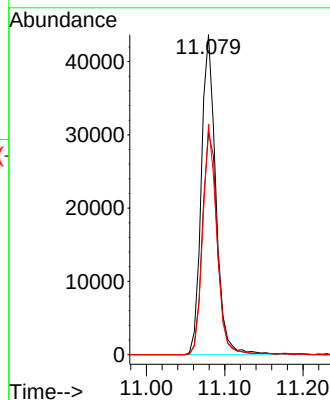
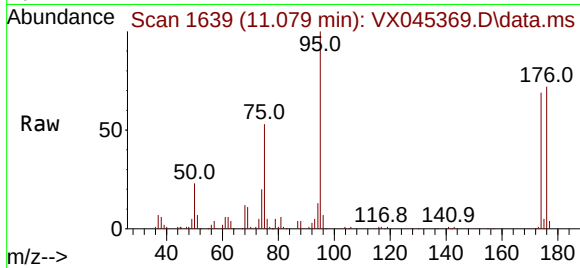




#62  
4-Bromofluorobenzene  
Concen: 53.649 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX045369.D  
Acq: 20 Mar 2025 18:19

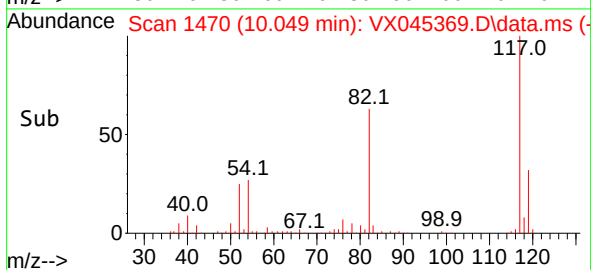
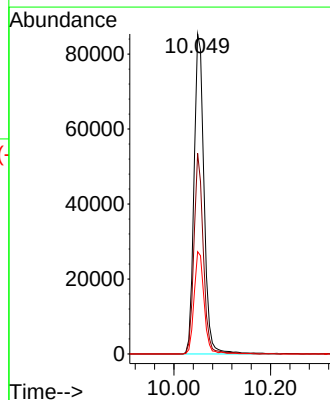
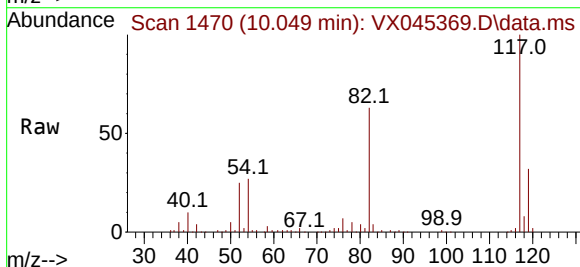
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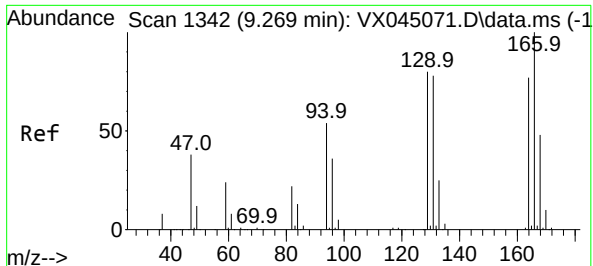
Tgt Ion: 95 Resp: 56246  
Ion Ratio Lower Upper  
95 100  
174 71.9 0.0 148.2  
176 69.1 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX045369.D  
Acq: 20 Mar 2025 18:19

Tgt Ion: 117 Resp: 122323  
Ion Ratio Lower Upper  
117 100  
82 62.7 46.3 69.5  
119 31.9 25.7 38.5

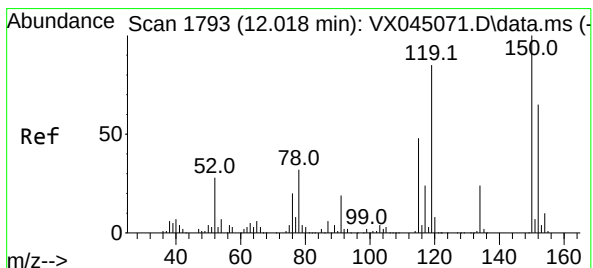
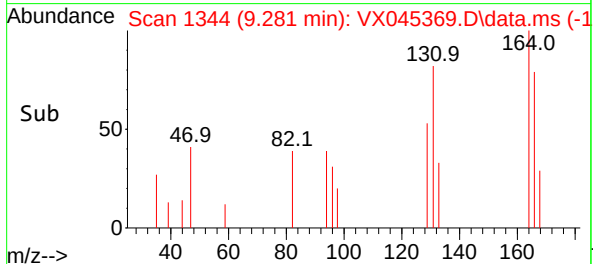
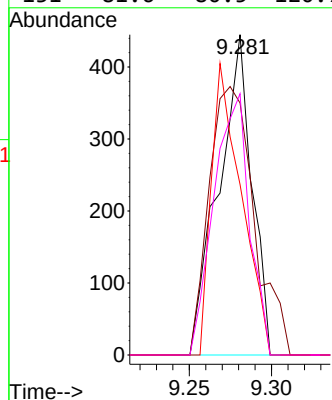
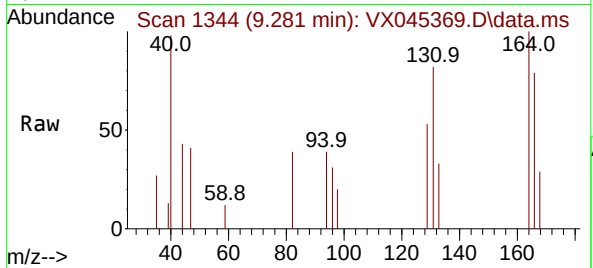




#64  
Tetrachloroethene  
Concen: 0.798 ug/l  
RT: 9.281 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VX045369.D  
Acq: 20 Mar 2025 18:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:164 Resp: 625  
Ion Ratio Lower Upper  
164 100  
166 78.7 103.6 155.4#  
129 53.3 82.7 124.1#  
131 81.6 80.5 120.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX045369.D  
Acq: 20 Mar 2025 18:19

Tgt Ion:152 Resp: 47028  
Ion Ratio Lower Upper  
152 100  
115 62.3 44.2 132.6  
150 161.3 0.0 349.0

