

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061825\  
 Data File : VX046746.D  
 Acq On : 18 Jun 2025 16:29  
 Operator : JC/MD  
 Sample : Q2345-16  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TT192D2-20250617

Quant Time: Jun 19 01:26:47 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061725W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 18 03:09:16 2025  
 Response via : Initial Calibration

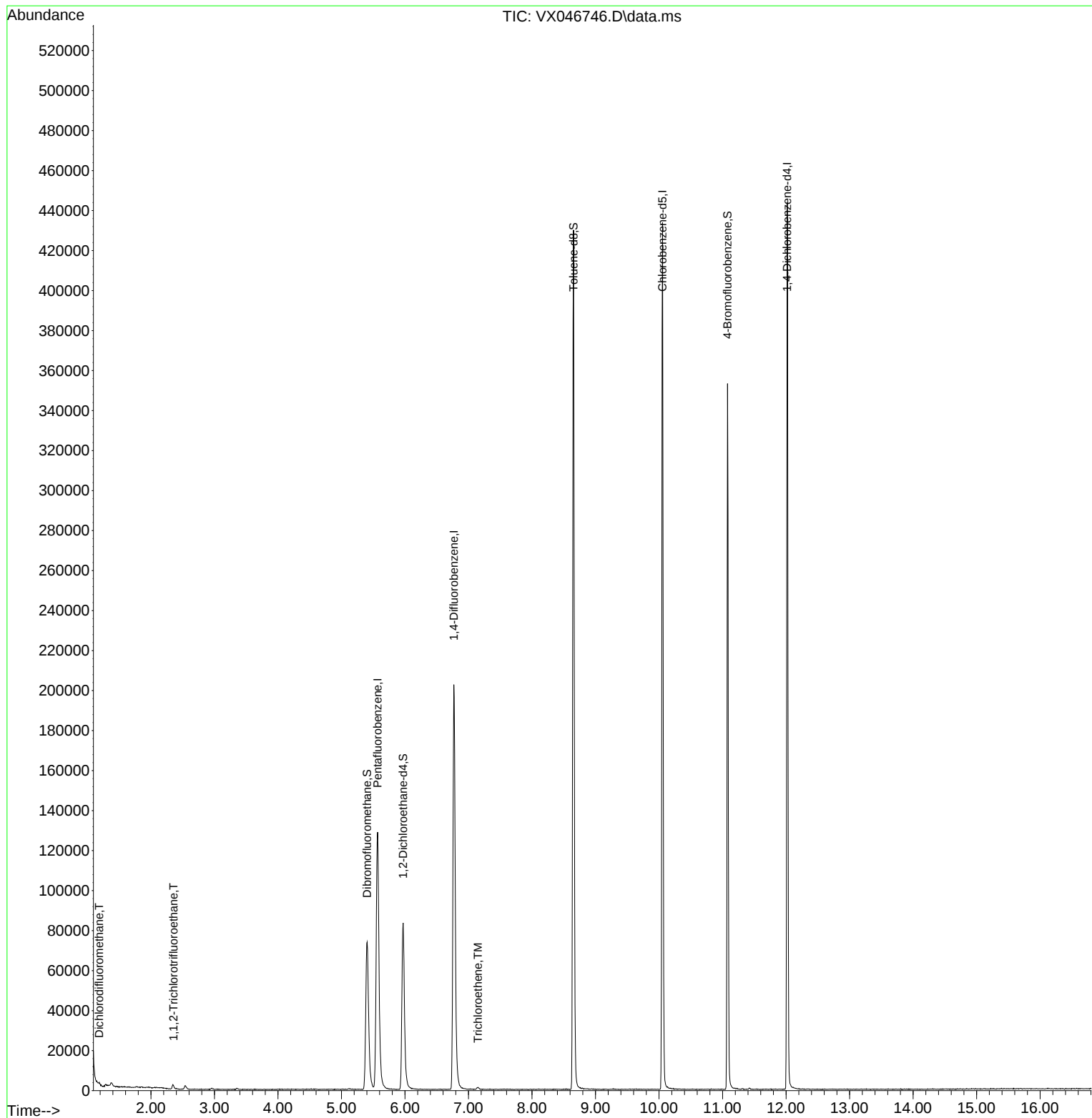
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.568  | 168   | 133130   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769  | 114   | 221280   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 195519   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 93964    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.970  | 65    | 87891    | 47.730   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 95.460%  |
| 35) Dibromofluoromethane     | 5.403  | 113   | 71957    | 49.149   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 98.300%  |
| 50) Toluene-d8               | 8.653  | 98    | 261758   | 49.764   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 99.520%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 94548    | 48.220   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 96.440%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.185  | 85    | 495      | 0.348    | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.355  | 101   | 1053     | 0.691    | ug/l   | 98       |
| 44) Trichloroethene          | 7.147  | 130   | 525      | 0.329    | ug/l   | 93       |
| -----                        |        |       |          |          |        |          |

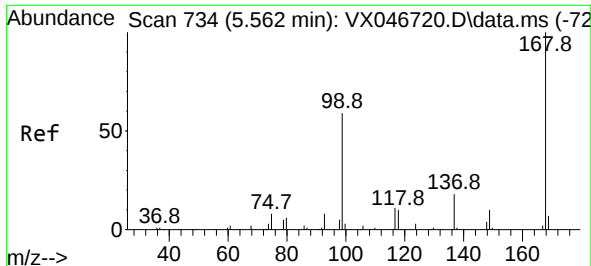
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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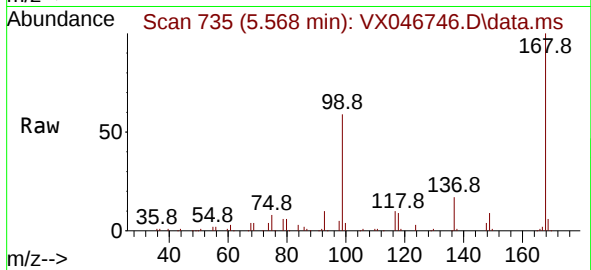
Quant Time: Jun 19 01:26:47 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061725W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 18 03:09:16 2025  
Response via : Initial Calibration



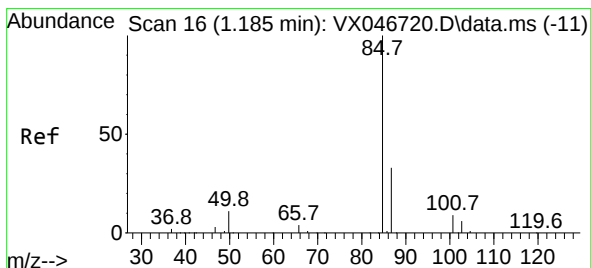
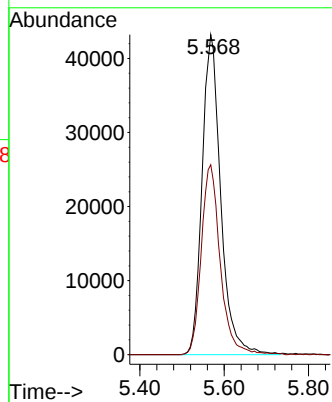
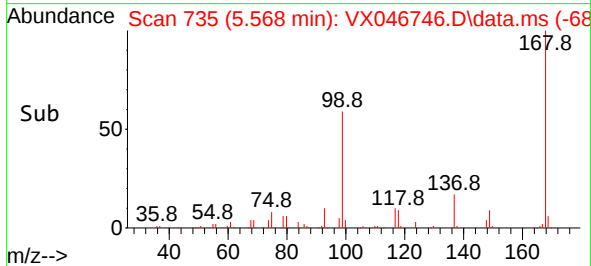


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.568 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX046746.D  
Acq: 18 Jun 2025 16:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
TT192D2-20250617

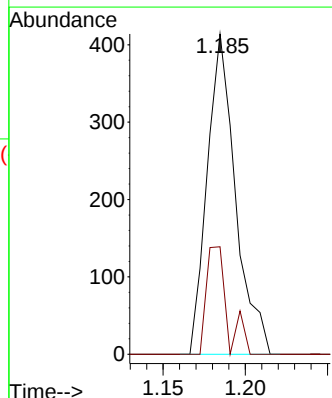
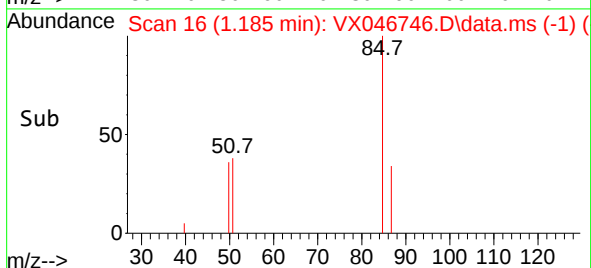
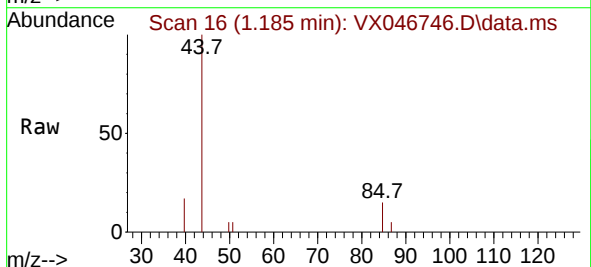


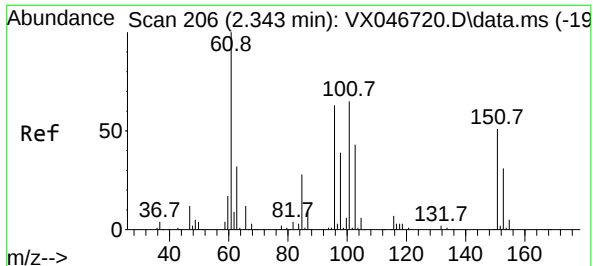
Tgt Ion:168 Resp: 133130  
Ion Ratio Lower Upper  
168 100  
99 59.4 48.5 72.7



#2  
Dichlorodifluoromethane  
Concen: 0.348 ug/l  
RT: 1.185 min Scan# 16  
Delta R.T. -0.000 min  
Lab File: VX046746.D  
Acq: 18 Jun 2025 16:29

Tgt Ion: 85 Resp: 495  
Ion Ratio Lower Upper  
85 100  
87 33.6 16.6 49.8

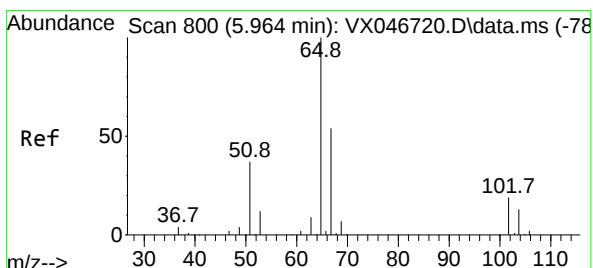
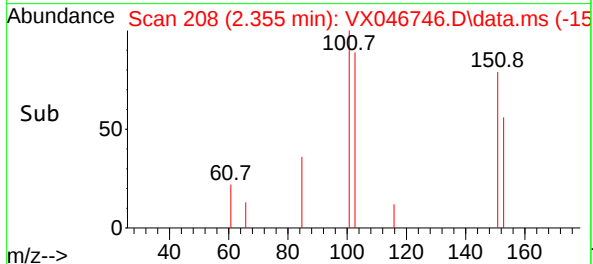
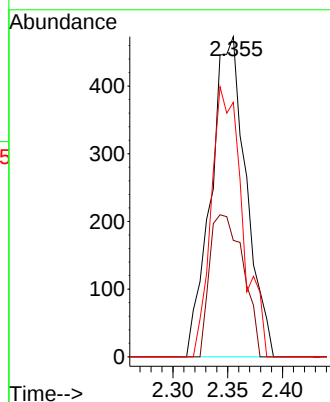
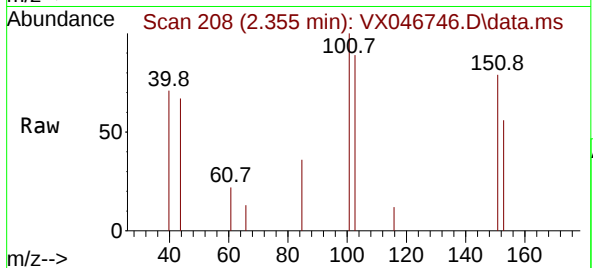




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.691 ug/l  
RT: 2.355 min Scan# 206  
Delta R.T. 0.012 min  
Lab File: VX046746.D  
Acq: 18 Jun 2025 16:29

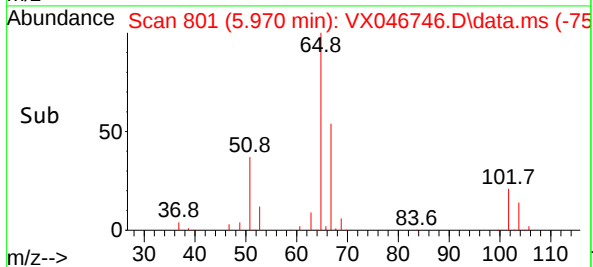
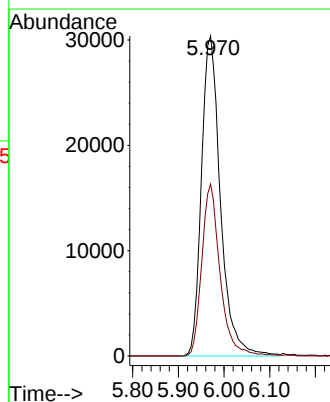
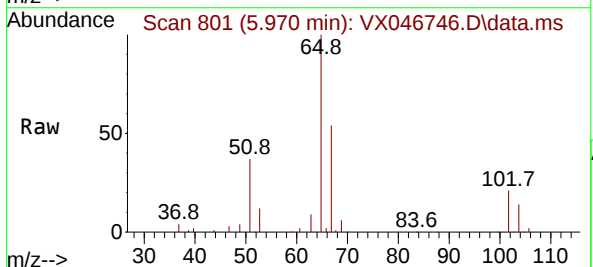
Instrument :  
MSVOA\_X  
ClientSampleId :  
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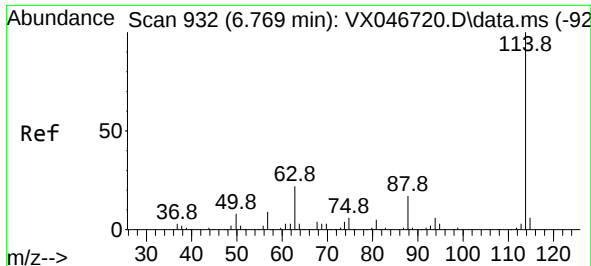
Tgt Ion:101 Resp: 1053  
Ion Ratio Lower Upper  
101 100  
85 42.5 35.4 53.0  
151 75.0 61.2 91.8



#33  
1,2-Dichloroethane-d4  
Concen: 47.730 ug/l  
RT: 5.970 min Scan# 801  
Delta R.T. 0.006 min  
Lab File: VX046746.D  
Acq: 18 Jun 2025 16:29

Tgt Ion: 65 Resp: 87891  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 105.4

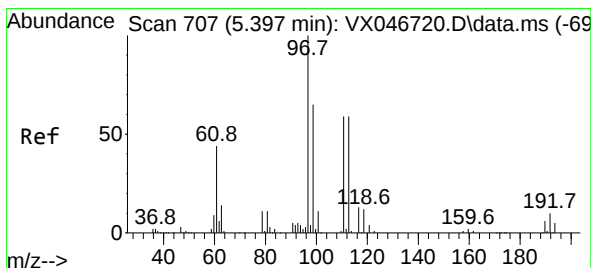
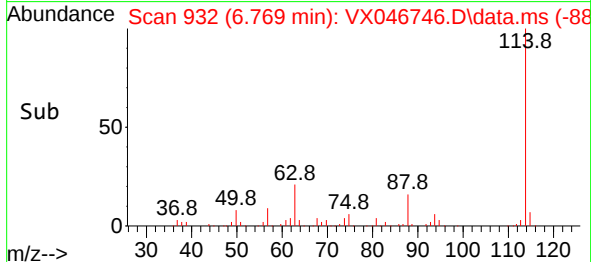
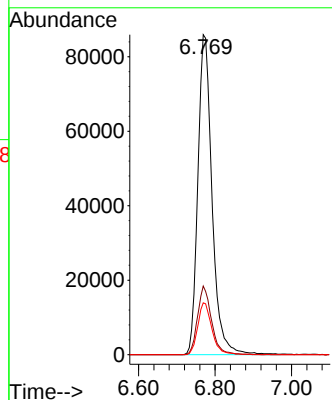
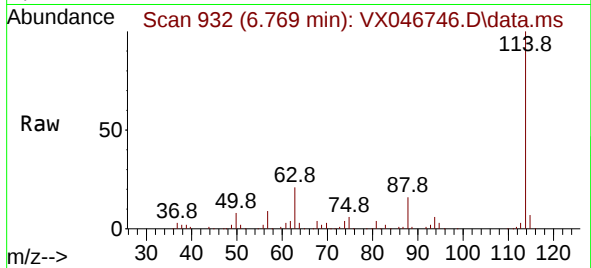




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX046746.D  
Acq: 18 Jun 2025 16:29

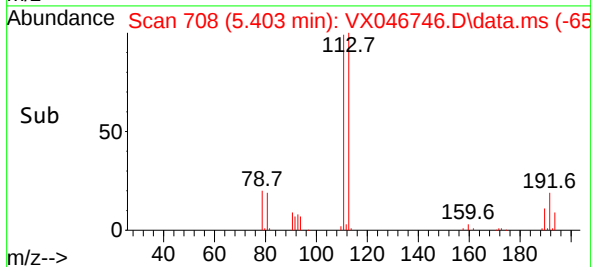
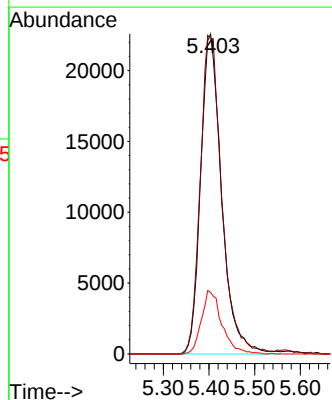
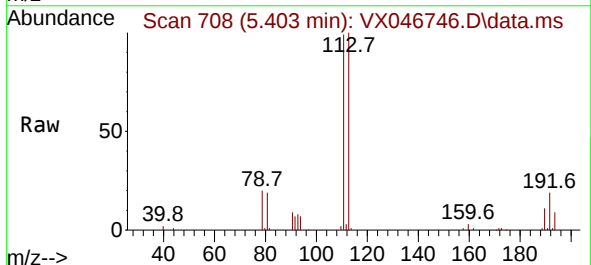
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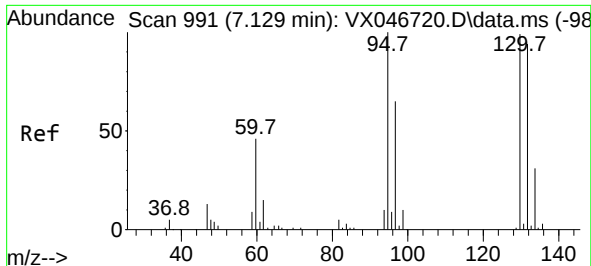
Tgt Ion:114 Resp: 221280  
Ion Ratio Lower Upper  
114 100  
63 21.5 0.0 44.2  
88 16.2 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 49.149 ug/l  
RT: 5.403 min Scan# 708  
Delta R.T. 0.006 min  
Lab File: VX046746.D  
Acq: 18 Jun 2025 16:29

Tgt Ion:113 Resp: 71957  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.0 123.0  
192 19.2 15.3 22.9

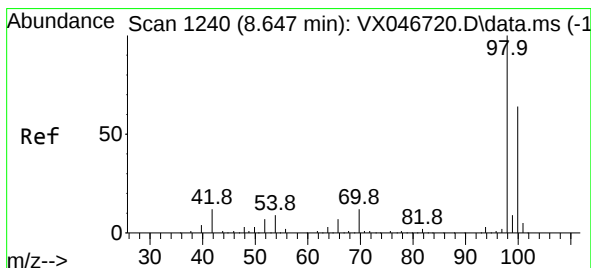
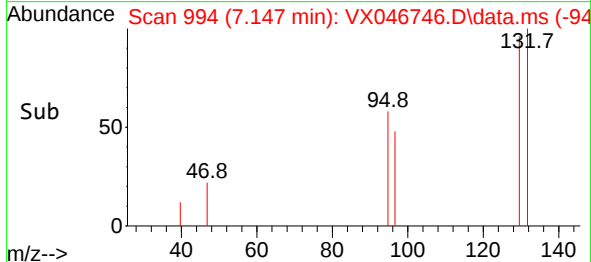
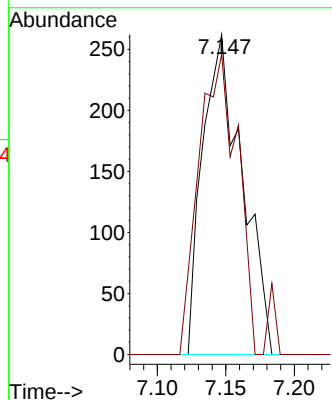
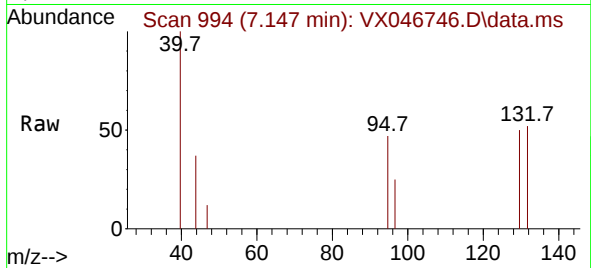




#44  
Trichloroethene  
Concen: 0.329 ug/l  
RT: 7.147 min Scan# 991  
Delta R.T. 0.018 min  
Lab File: VX046746.D  
Acq: 18 Jun 2025 16:29

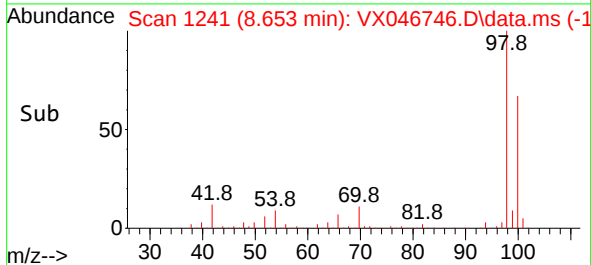
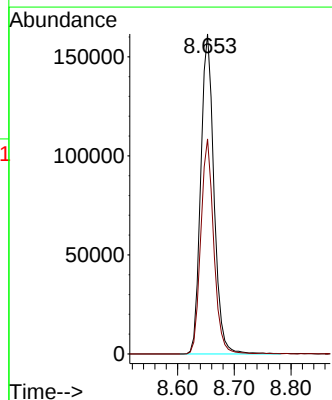
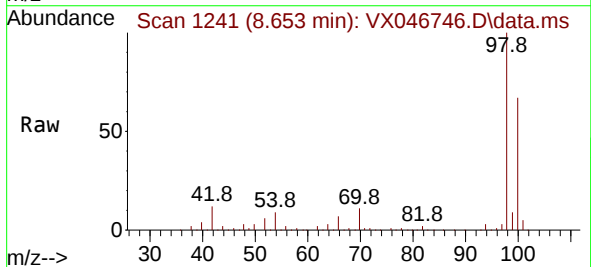
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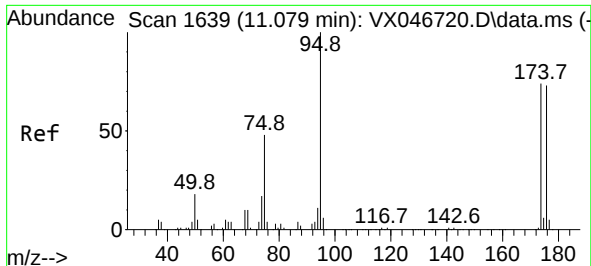
Tgt Ion:130 Resp: 525  
Ion Ratio Lower Upper  
130 100  
95 93.9 0.0 202.6



#50  
Toluene-d8  
Concen: 49.764 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.006 min  
Lab File: VX046746.D  
Acq: 18 Jun 2025 16:29

Tgt Ion: 98 Resp: 261758  
Ion Ratio Lower Upper  
98 100  
100 65.8 53.0 79.4

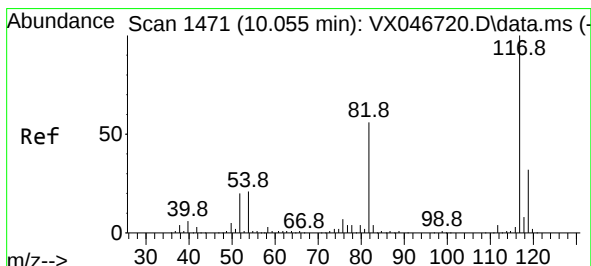
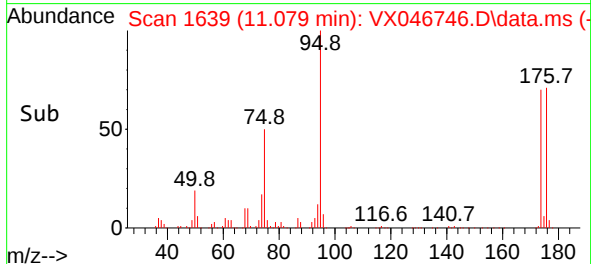
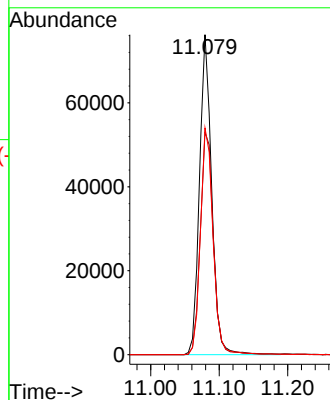
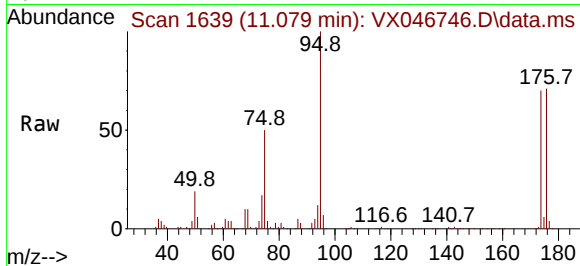




#62  
4-Bromofluorobenzene  
Concen: 48.220 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX046746.D  
Acq: 18 Jun 2025 16:29

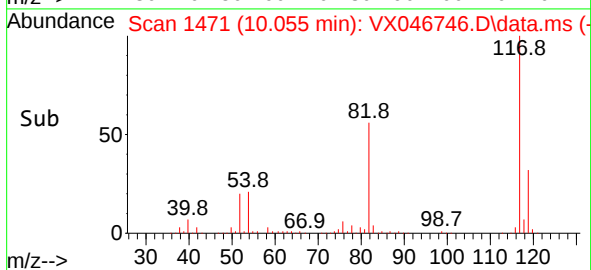
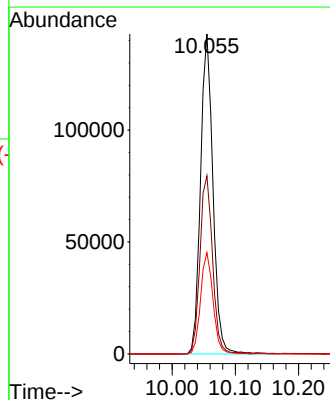
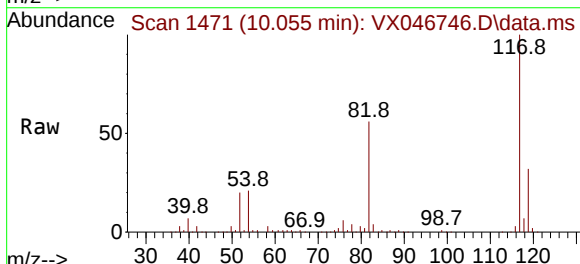
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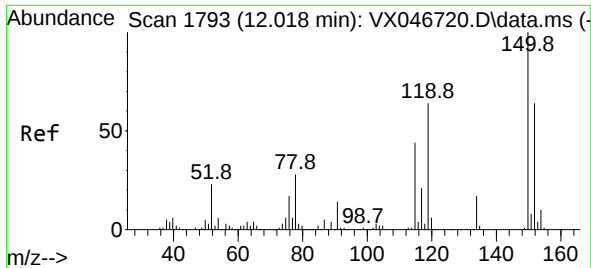
Tgt Ion: 95 Resp: 94548  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 150.4  
176 73.6 0.0 145.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX046746.D  
Acq: 18 Jun 2025 16:29

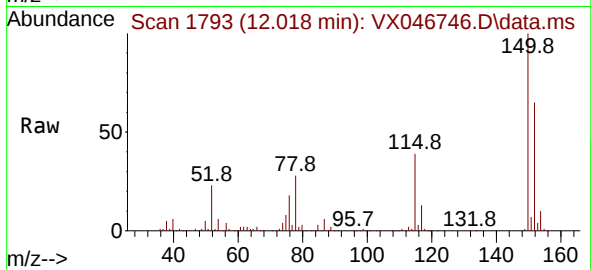
Tgt Ion: 117 Resp: 195519  
Ion Ratio Lower Upper  
117 100  
82 55.7 44.6 66.8  
119 31.7 25.8 38.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX046746.D  
 Acq: 18 Jun 2025 16:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 93964  
 Ion Ratio Lower Upper  
 152 100  
 115 61.0 43.2 129.6  
 150 155.1 0.0 346.8

