

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082125\  
 Data File : VX047468.D  
 Acq On : 21 Aug 2025 14:28  
 Operator : JC/MD  
 Sample : Q2869-04DL 20X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-11A-13.5-081325DL

Quant Time: Aug 22 03:47:07 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081525W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 18 04:18:28 2025  
 Response via : Initial Calibration

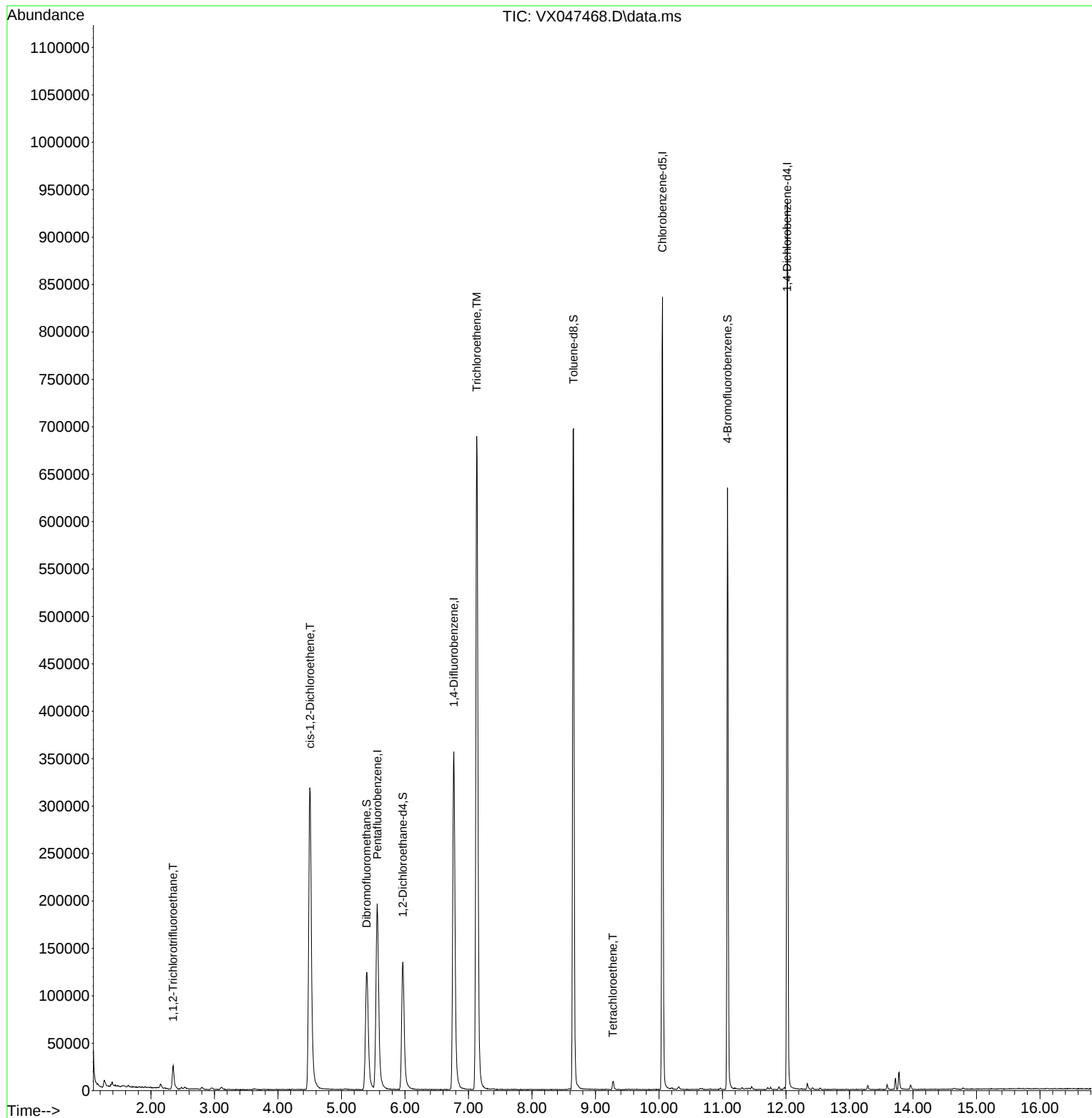
| Compound                     | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|-------|----------|
| -----                        |           |       |          |          |       |          |
| Internal Standards           |           |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.562     | 168   | 195089   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769     | 114   | 386665   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 376333   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018    | 152   | 185836   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.964     | 65    | 145202   | 53.181   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 78 - 117 | Recovery | =     | 106.360% |
| 35) Dibromofluoromethane     | 5.397     | 113   | 121502   | 48.417   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | =     | 96.840%  |
| 50) Toluene-d8               | 8.653     | 98    | 434529   | 48.445   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 92 - 112 | Recovery | =     | 96.880%  |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 175623   | 53.059   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | =     | 106.120% |
| Target Compounds             |           |       |          |          |       |          |
|                              |           |       |          |          |       | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.349     | 101   | 10607    | 4.402    | ug/l  | 96       |
| 27) cis-1,2-Dichloroethene   | 4.507     | 96    | 227423   | 74.896   | ug/l  | 89       |
| 44) Trichloroethene          | 7.129     | 130   | 286321   | 94.305   | ug/l  | 99       |
| 64) Tetrachloroethene        | 9.275     | 164   | 1793     | 0.659    | ug/l  | 95       |
| -----                        |           |       |          |          |       |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082125\  
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Acq On : 21 Aug 2025 14:28  
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Sample : Q2869-04DL 20X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11A-13.5-081325DL

Quant Time: Aug 22 03:47:07 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081525W.M  
Quant Title : SW846 8260  
QLast Update : Mon Aug 18 04:18:28 2025  
Response via : Initial Calibration

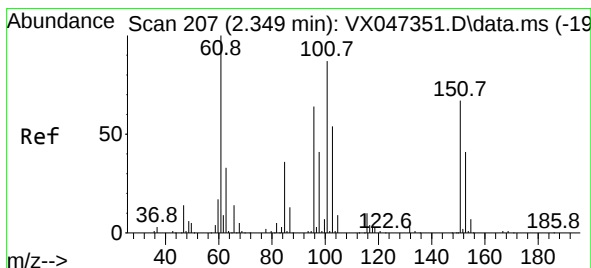
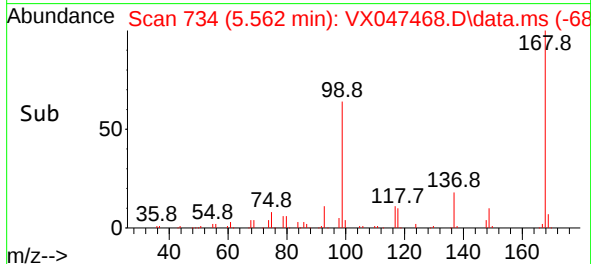
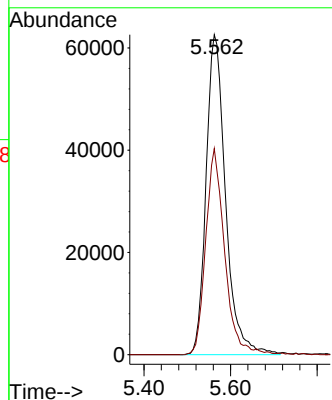
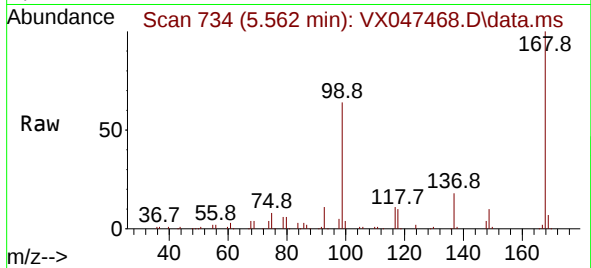




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX047468.D  
Acq: 21 Aug 2025 14:28

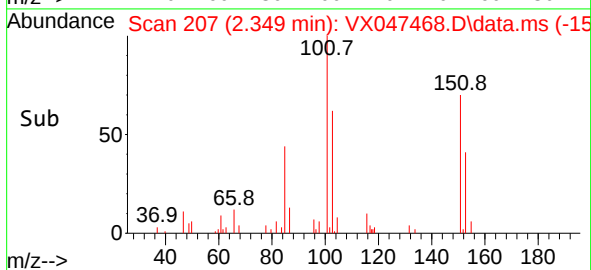
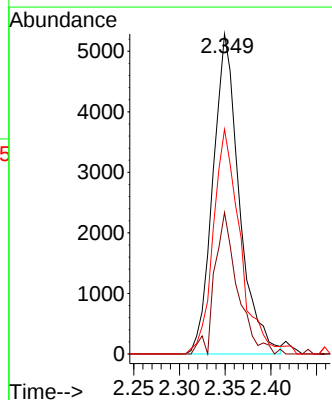
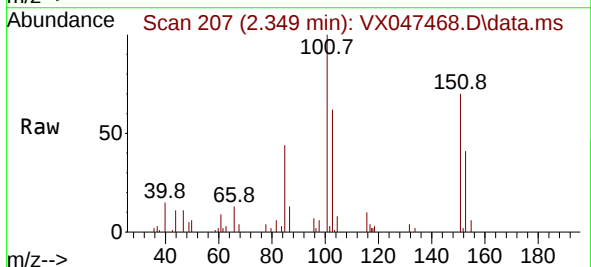
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11A-13.5-081325DL

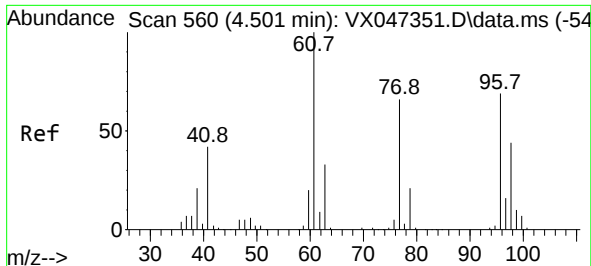
Tgt Ion:168 Resp: 195089  
Ion Ratio Lower Upper  
168 100  
99 64.4 47.9 71.9



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.402 ug/l  
RT: 2.349 min Scan# 207  
Delta R.T. 0.000 min  
Lab File: VX047468.D  
Acq: 21 Aug 2025 14:28

Tgt Ion:101 Resp: 10607  
Ion Ratio Lower Upper  
101 100  
85 38.5 34.3 51.5  
151 71.8 59.2 88.8

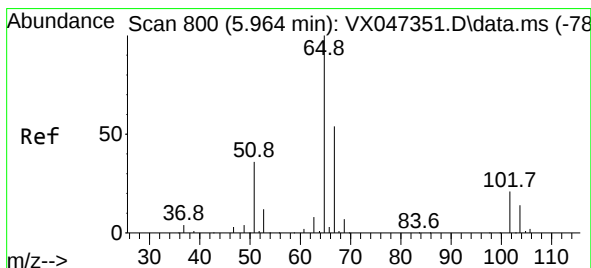
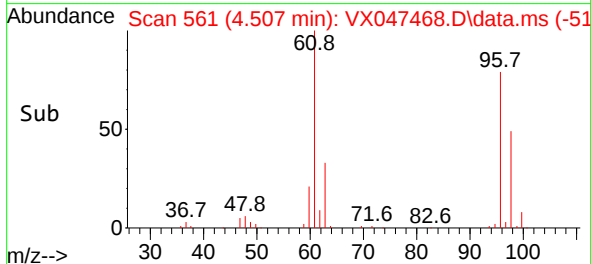
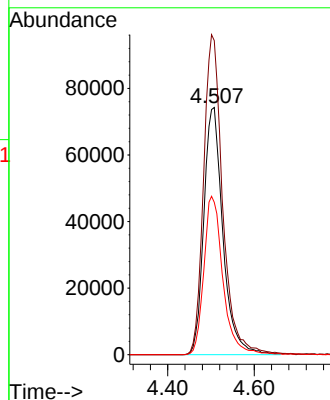
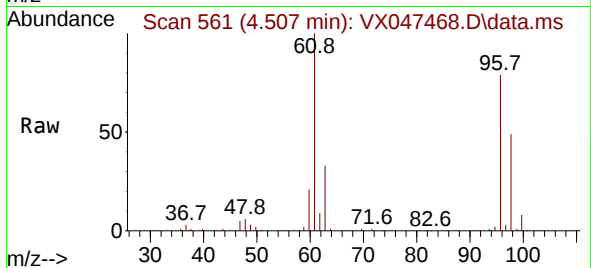




#27  
 cis-1,2-Dichloroethene  
 Concen: 74.896 ug/l  
 RT: 4.507 min Scan# 560  
 Delta R.T. 0.006 min  
 Lab File: VX047468.D  
 Acq: 21 Aug 2025 14:28

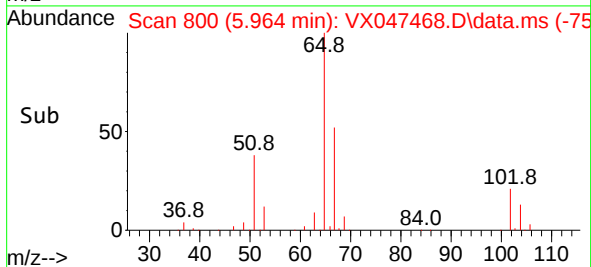
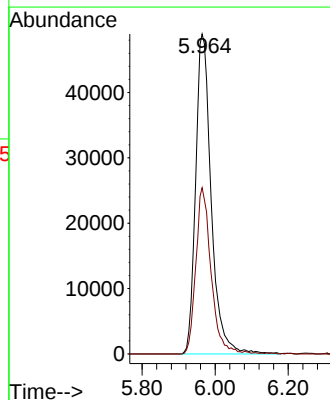
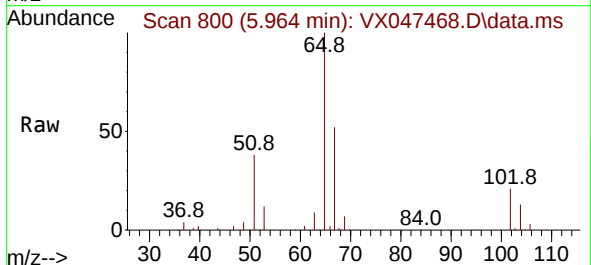
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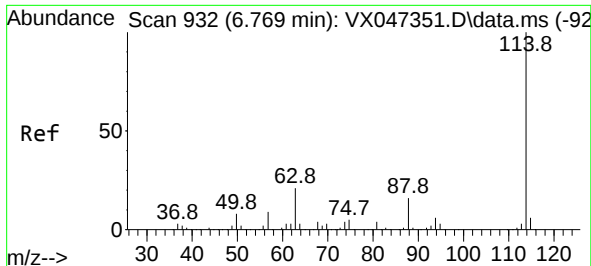
Tgt Ion: 96 Resp: 227423  
 Ion Ratio Lower Upper  
 96 100  
 61 129.5 0.0 296.6  
 98 64.0 0.0 130.4



#33  
 1,2-Dichloroethane-d4  
 Concen: 53.181 ug/l  
 RT: 5.964 min Scan# 800  
 Delta R.T. 0.000 min  
 Lab File: VX047468.D  
 Acq: 21 Aug 2025 14:28

Tgt Ion: 65 Resp: 145202  
 Ion Ratio Lower Upper  
 65 100  
 67 50.6 0.0 106.0

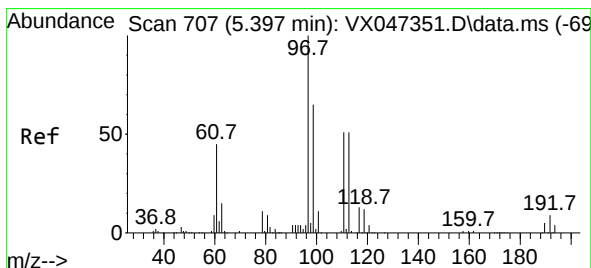
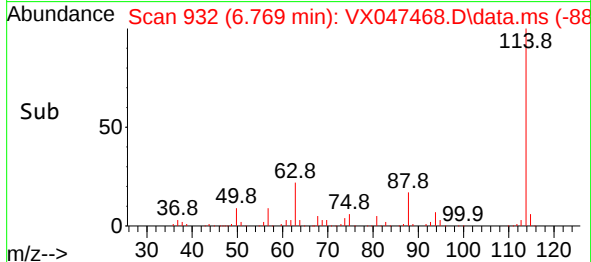
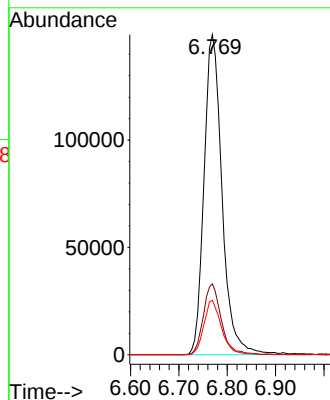
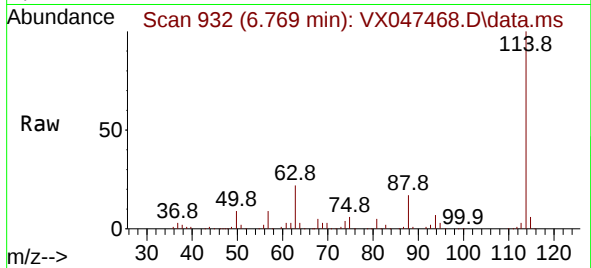




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX047468.D  
Acq: 21 Aug 2025 14:28

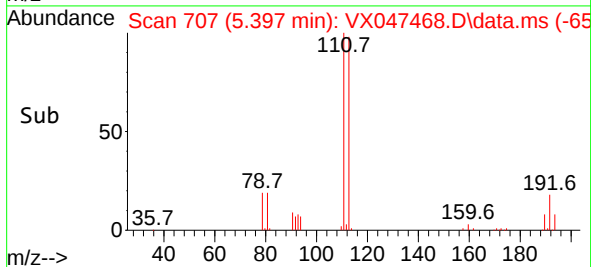
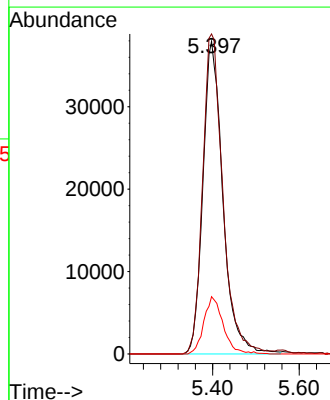
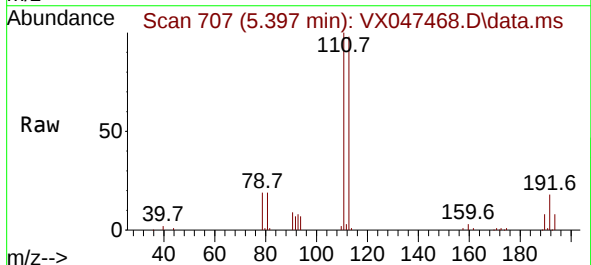
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ClientSampleId :  
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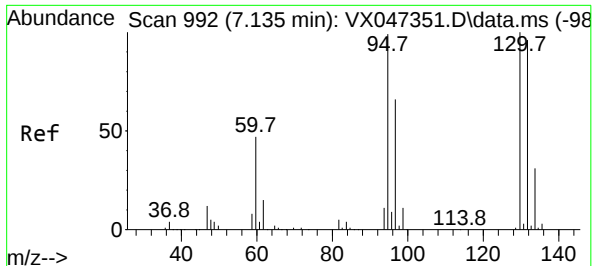
Tgt Ion:114 Resp: 386665  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 42.4  
88 17.0 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 48.417 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX047468.D  
Acq: 21 Aug 2025 14:28

Tgt Ion:113 Resp: 121502  
Ion Ratio Lower Upper  
113 100  
111 103.5 81.4 122.2  
192 17.8 14.1 21.1

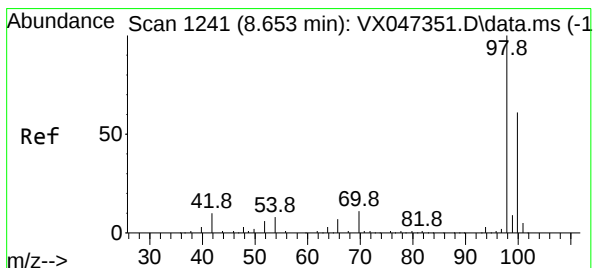
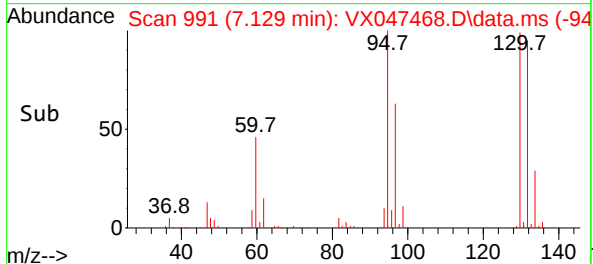
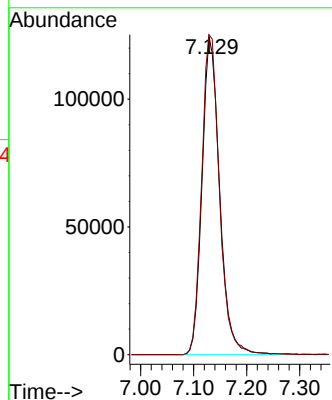
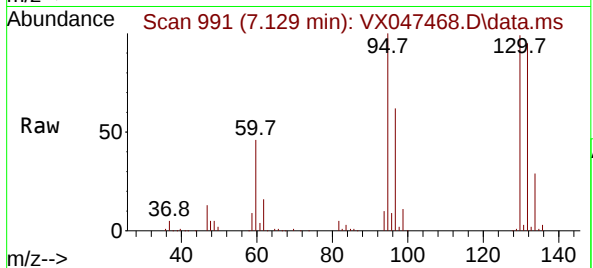




#44  
Trichloroethene  
Concen: 94.305 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VX047468.D  
Acq: 21 Aug 2025 14:28

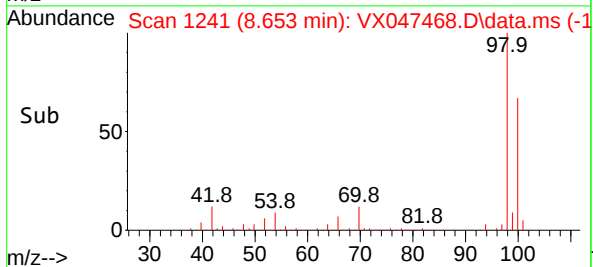
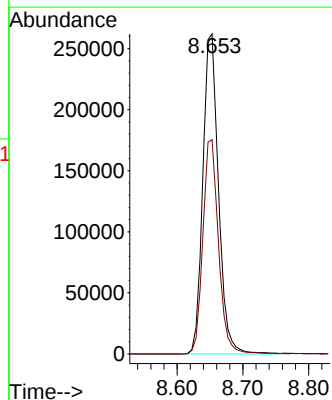
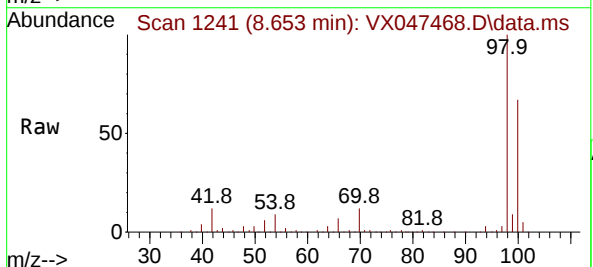
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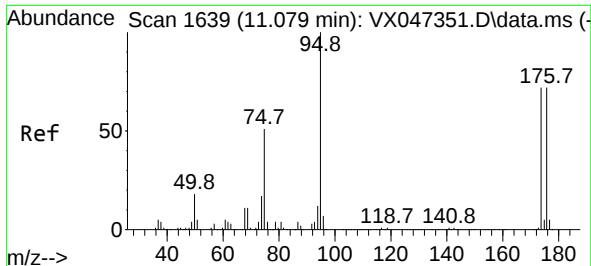
Tgt Ion:130 Resp: 286321  
Ion Ratio Lower Upper  
130 100  
95 100.7 0.0 198.6



#50  
Toluene-d8  
Concen: 48.445 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX047468.D  
Acq: 21 Aug 2025 14:28

Tgt Ion: 98 Resp: 434529  
Ion Ratio Lower Upper  
98 100  
100 67.0 53.9 80.9

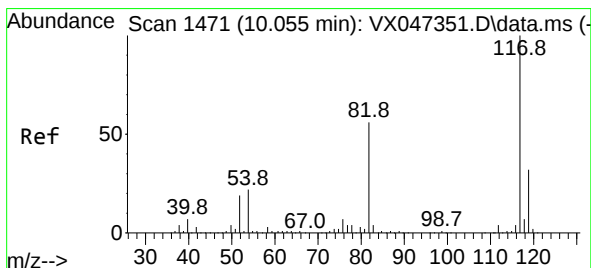
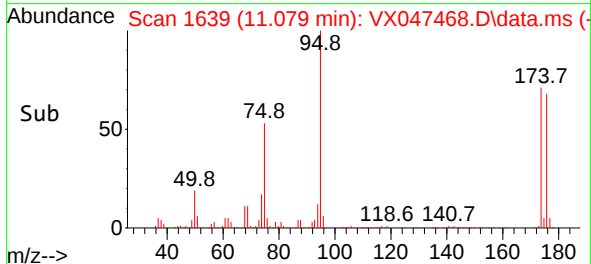
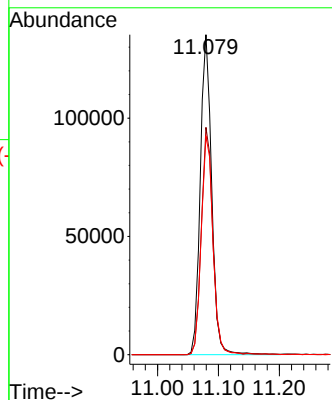
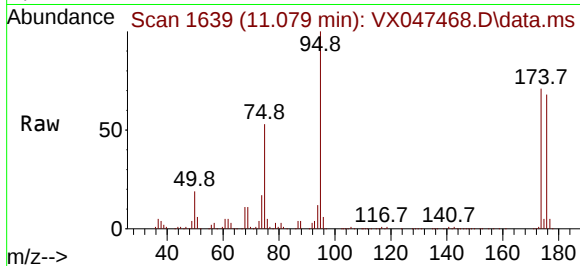




#62  
4-Bromofluorobenzene  
Concen: 53.059 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX047468.D  
Acq: 21 Aug 2025 14:28

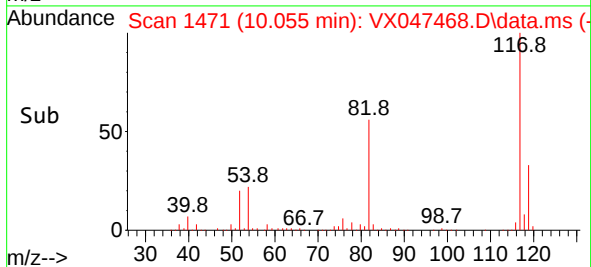
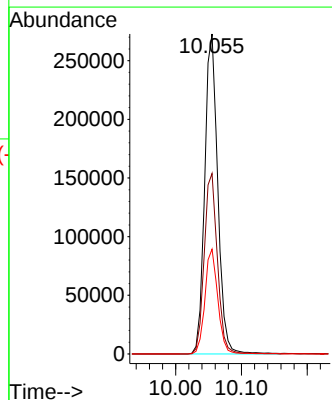
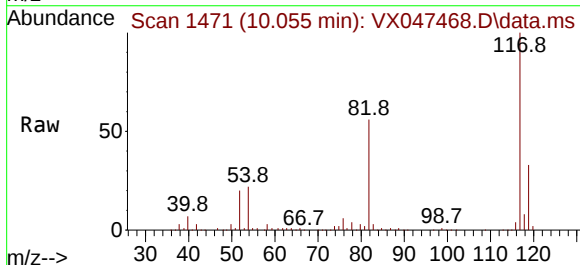
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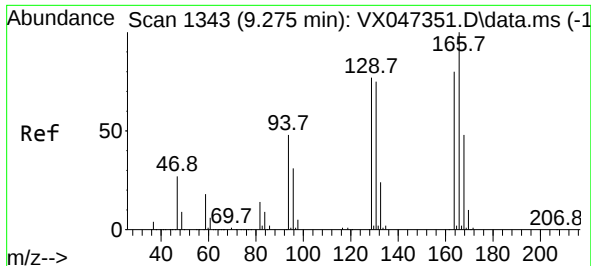
Tgt Ion: 95 Resp: 175623  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 148.0  
176 70.7 0.0 145.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX047468.D  
Acq: 21 Aug 2025 14:28

Tgt Ion: 117 Resp: 376333  
Ion Ratio Lower Upper  
117 100  
82 56.4 45.0 67.4  
119 32.7 25.8 38.8

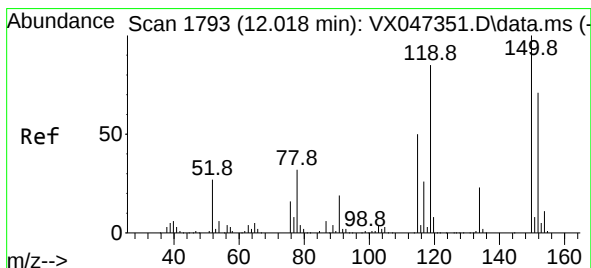
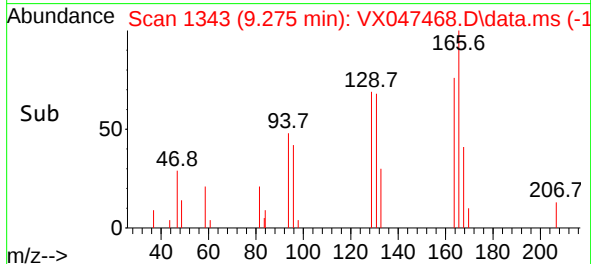
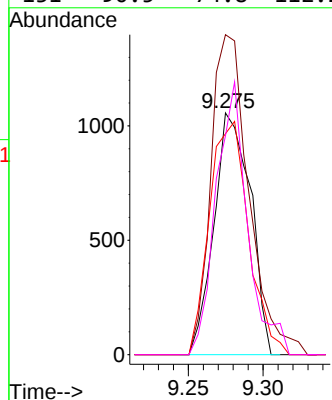
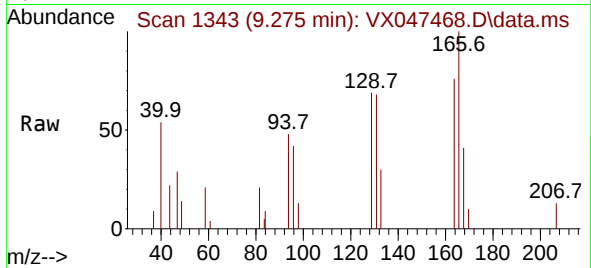




#64  
Tetrachloroethene  
Concen: 0.659 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX047468.D  
Acq: 21 Aug 2025 14:28

Instrument :  
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ClientSampleId :  
MW-11A-13.5-081325DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 1793  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 132.4 | 100.3 | 150.5 |
| 129      | 91.4  | 77.7  | 116.5 |
| 131      | 90.5  | 74.8  | 112.2 |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX047468.D  
Acq: 21 Aug 2025 14:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 185836 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 61.2  | 44.6  | 133.8  |
| 150      | 155.6 | 0.0   | 349.8  |

