

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031025\  
 Data File : VX045194.D  
 Acq On : 10 Mar 2025 14:29  
 Operator : JC/MD  
 Sample : Q1500-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW179D2-20250305

Quant Time: Mar 11 03:56:04 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

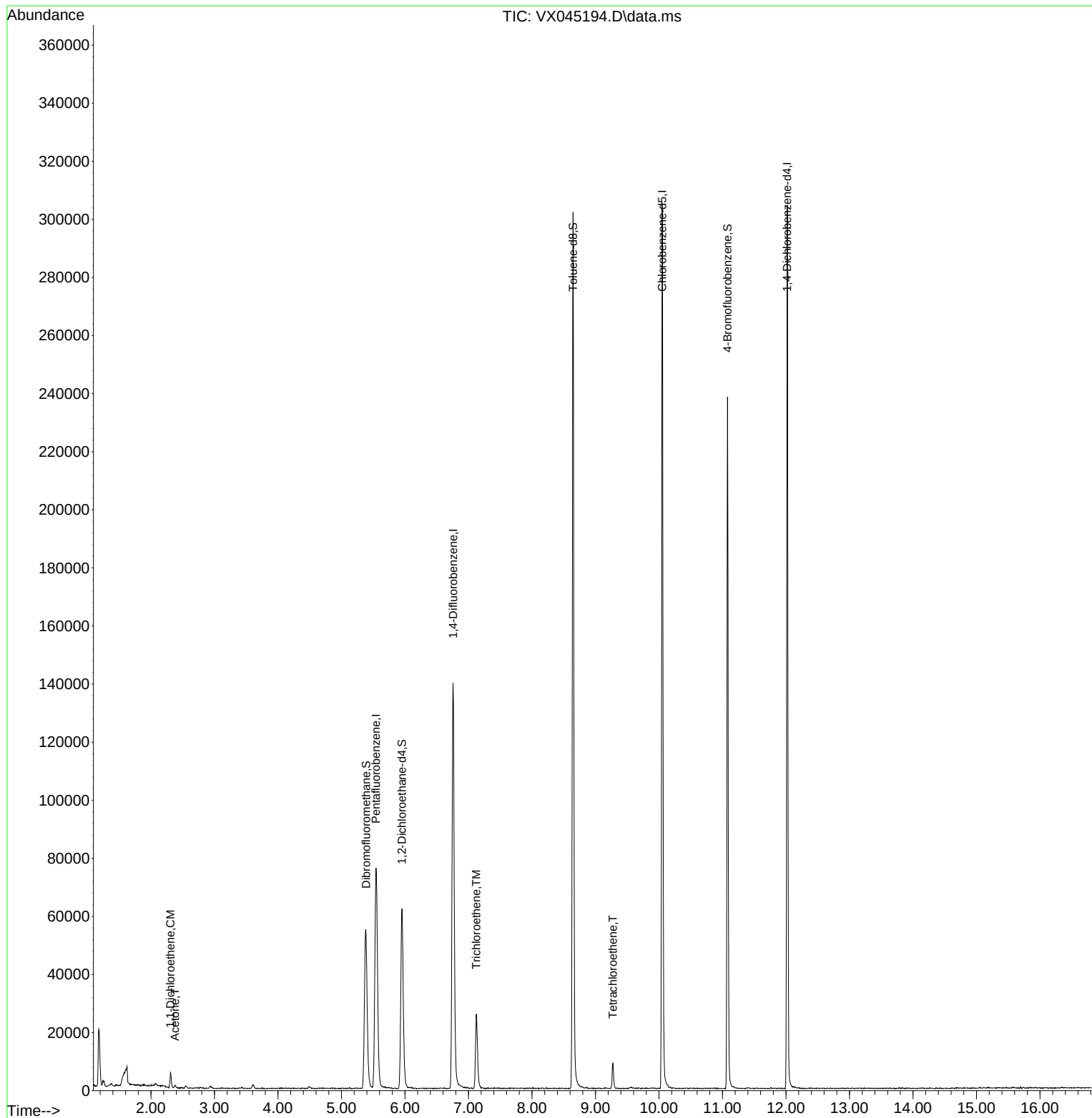
| Compound                    | R.T. QIon |                | Response | Conc       | Units | Dev(Min) |
|-----------------------------|-----------|----------------|----------|------------|-------|----------|
| -----                       |           |                |          |            |       |          |
| Internal Standards          |           |                |          |            |       |          |
| 1) Pentafluorobenzene       | 5.544     | 168            | 70271    | 50.000     | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114            | 141703   | 50.000     | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.049    | 117            | 133082   | 50.000     | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152            | 58595    | 50.000     | ug/l  | 0.00     |
| System Monitoring Compounds |           |                |          |            |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65             | 58640    | 52.462     | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range 74 - 125 | Recovery | = 104.920% |       |          |
| 35) Dibromofluoromethane    | 5.385     | 113            | 48480    | 51.165     | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | = 102.320% |       |          |
| 50) Toluene-d8              | 8.647     | 98             | 175387   | 51.057     | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range 86 - 113 | Recovery | = 102.120% |       |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95             | 62634    | 55.024     | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range 77 - 121 | Recovery | = 110.040% |       |          |
| Target Compounds            |           |                |          |            |       |          |
|                             |           |                |          |            |       | Qvalue   |
| 12) 1,1-Dichloroethene      | 2.307     | 96             | 1331     | 1.541      | ug/l  | 94       |
| 16) Acetone                 | 2.380     | 43             | 771      | 1.487      | ug/l  | 96       |
| 44) Trichloroethene         | 7.123     | 130            | 9818     | 10.190     | ug/l  | 93       |
| 64) Tetrachloroethene       | 9.275     | 164            | 1767     | 2.073      | ug/l  | 92       |
| -----                       |           |                |          |            |       |          |

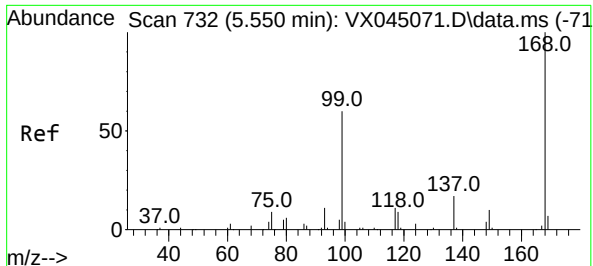
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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Quant Time: Mar 11 03:56:04 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

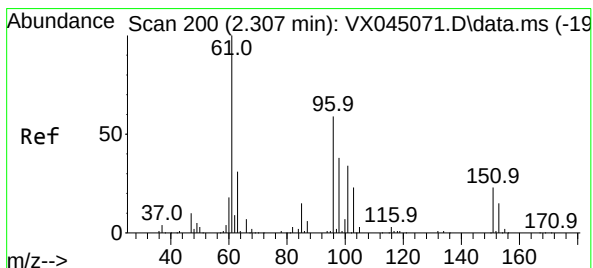
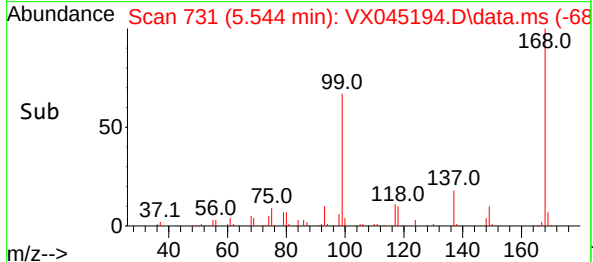
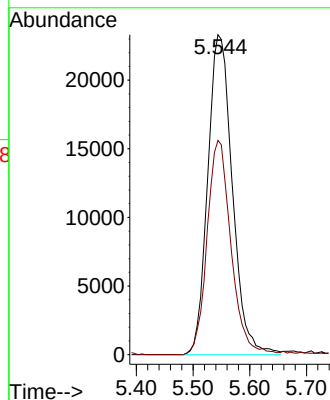
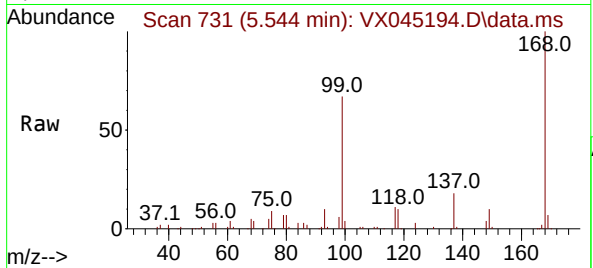




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045194.D  
Acq: 10 Mar 2025 14:29

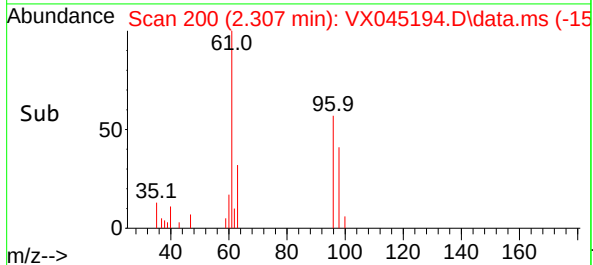
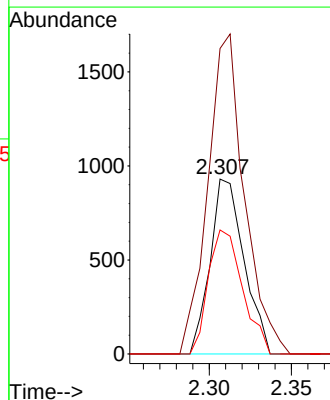
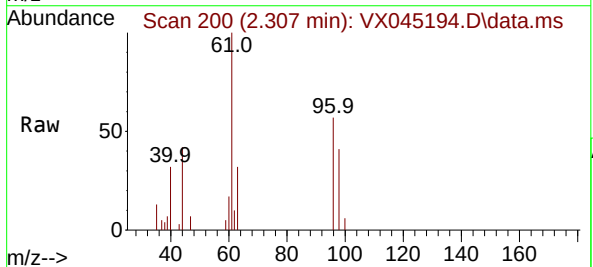
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MSVOA\_X  
ClientSampleId :  
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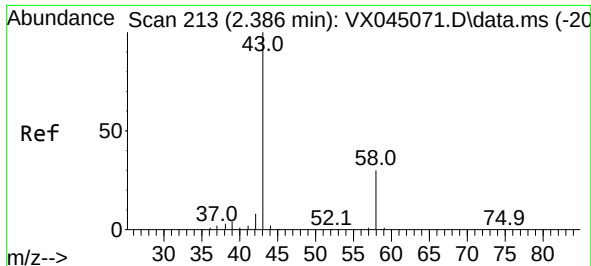
Tgt Ion:168 Resp: 70271  
Ion Ratio Lower Upper  
168 100  
99 67.0 48.2 72.4



#12  
1,1-Dichloroethene  
Concen: 1.541 ug/l  
RT: 2.307 min Scan# 200  
Delta R.T. 0.000 min  
Lab File: VX045194.D  
Acq: 10 Mar 2025 14:29

Tgt Ion: 96 Resp: 1331  
Ion Ratio Lower Upper  
96 100  
61 174.7 134.6 202.0  
98 71.0 51.0 76.6

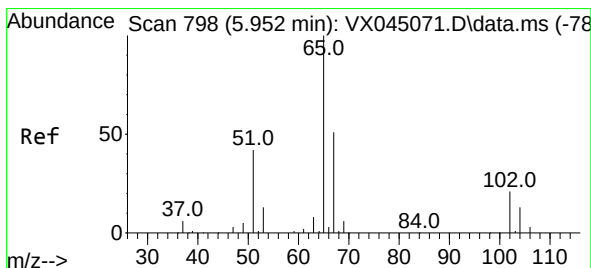
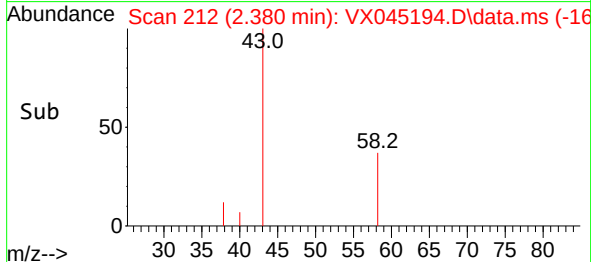
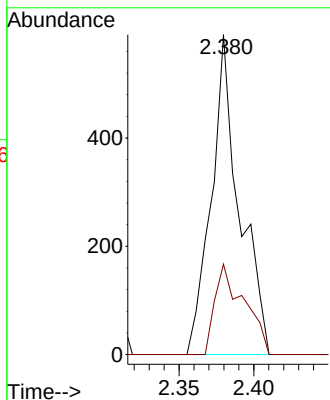
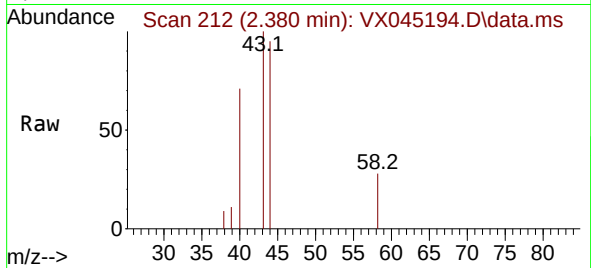




#16  
Acetone  
Concen: 1.487 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX045194.D  
Acq: 10 Mar 2025 14:29

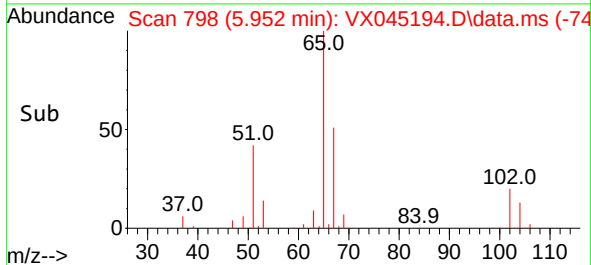
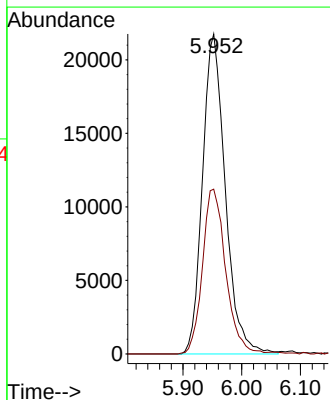
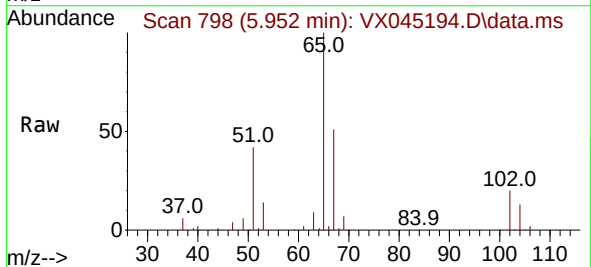
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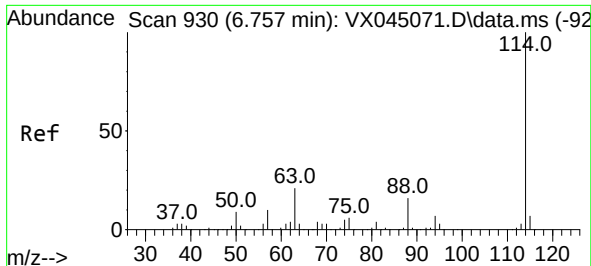
Tgt Ion: 43 Resp: 771  
Ion Ratio Lower Upper  
43 100  
58 28.3 24.2 36.4



#33  
1,2-Dichloroethane-d4  
Concen: 52.462 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX045194.D  
Acq: 10 Mar 2025 14:29

Tgt Ion: 65 Resp: 58640  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 106.2

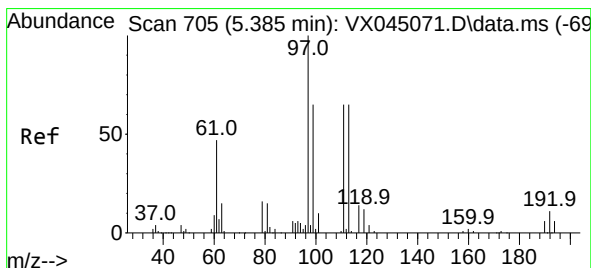
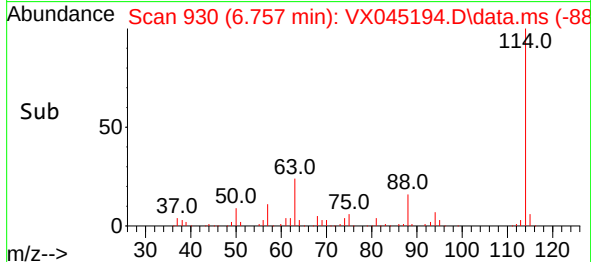
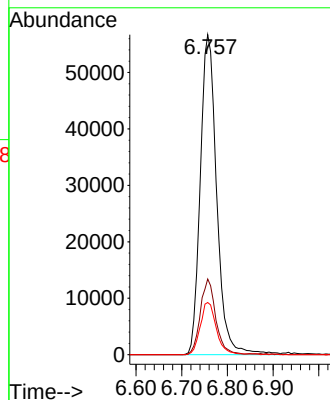
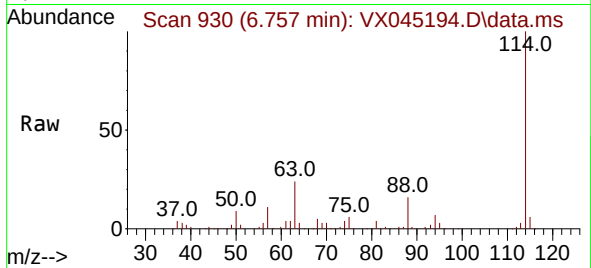




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX045194.D  
Acq: 10 Mar 2025 14:29

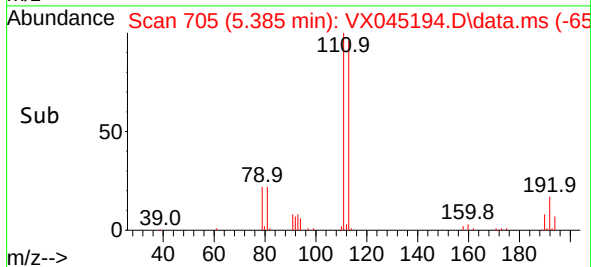
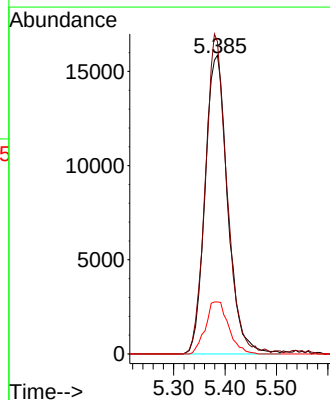
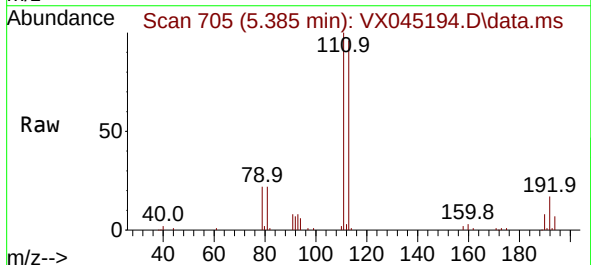
Instrument :  
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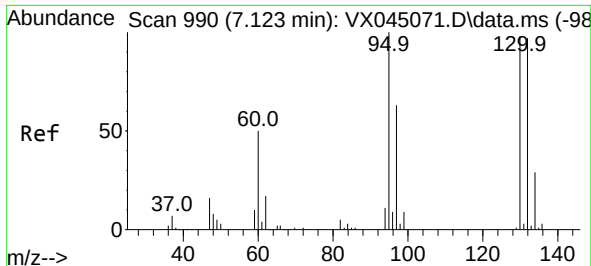
Tgt Ion:114 Resp: 141703  
Ion Ratio Lower Upper  
114 100  
63 23.7 0.0 41.8  
88 16.3 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 51.165 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX045194.D  
Acq: 10 Mar 2025 14:29

Tgt Ion:113 Resp: 48480  
Ion Ratio Lower Upper  
113 100  
111 102.2 81.8 122.6  
192 17.7 14.3 21.5

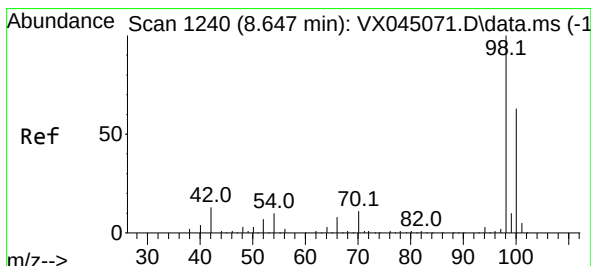
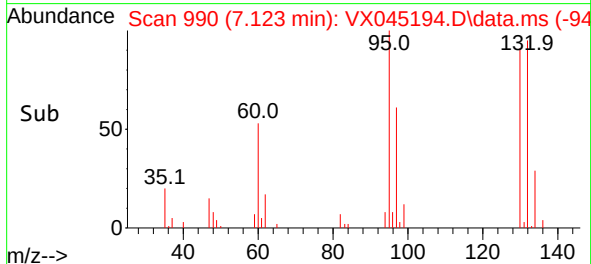
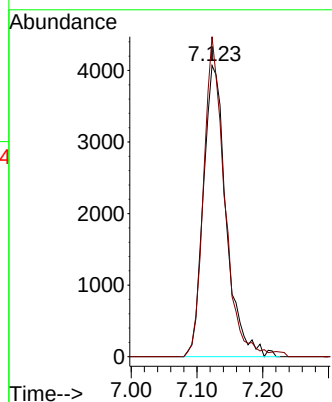
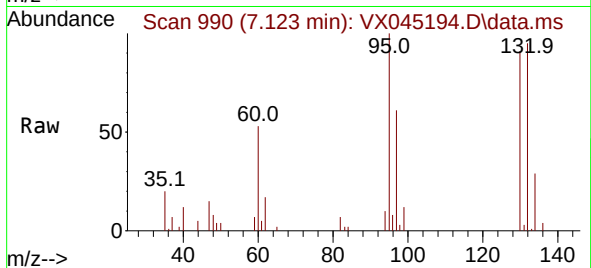




#44  
Trichloroethene  
Concen: 10.190 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX045194.D  
Acq: 10 Mar 2025 14:29

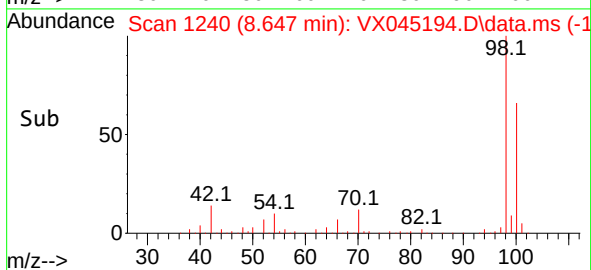
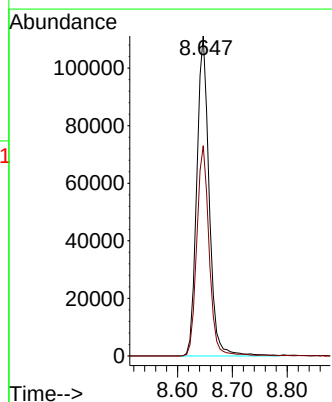
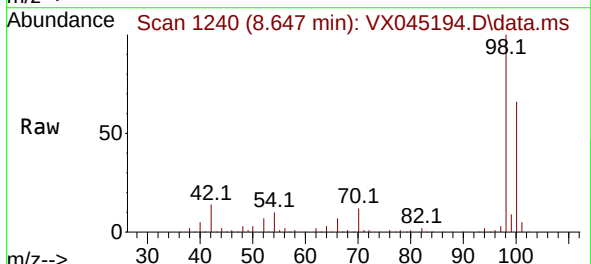
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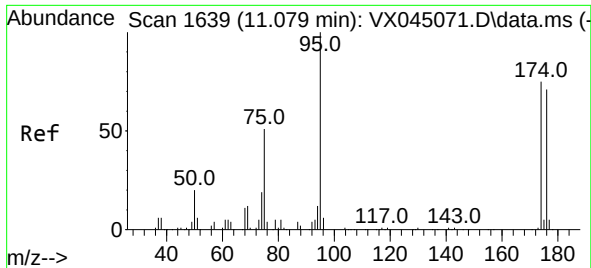
Tgt Ion:130 Resp: 9818  
Ion Ratio Lower Upper  
130 100  
95 109.9 0.0 205.0



#50  
Toluene-d8  
Concen: 51.057 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX045194.D  
Acq: 10 Mar 2025 14:29

Tgt Ion: 98 Resp: 175387  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.0 78.0

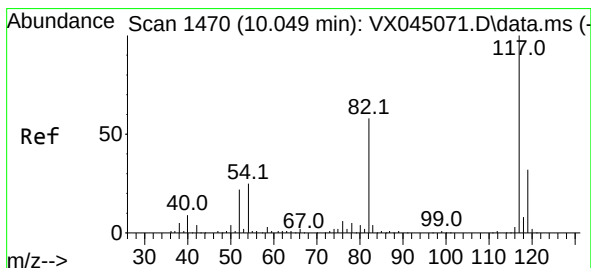
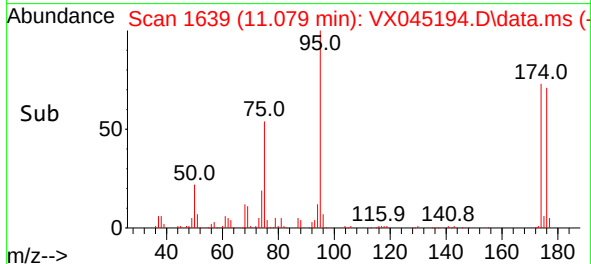
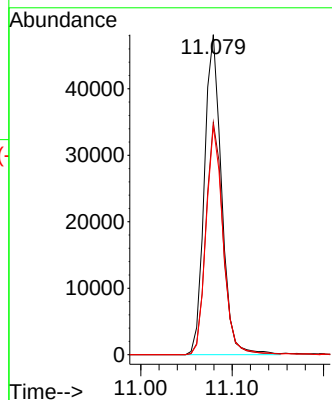
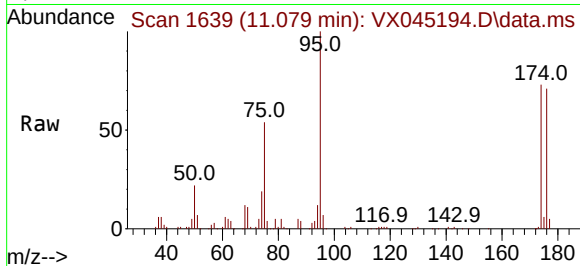




#62  
4-Bromofluorobenzene  
Concen: 55.024 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045194.D  
Acq: 10 Mar 2025 14:29

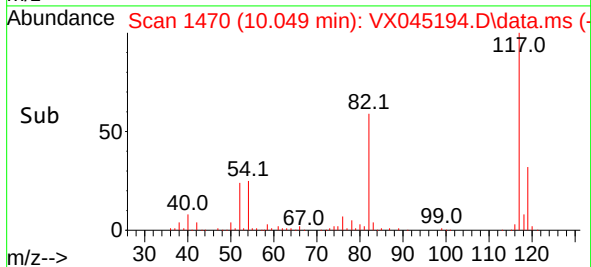
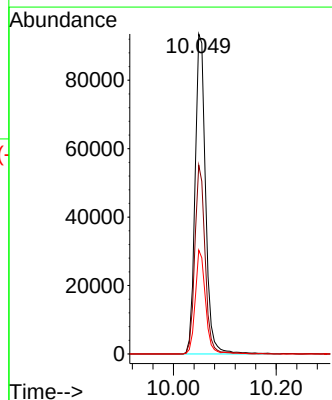
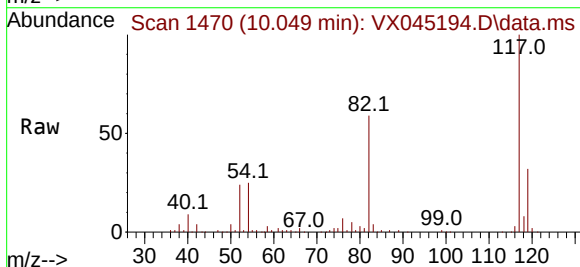
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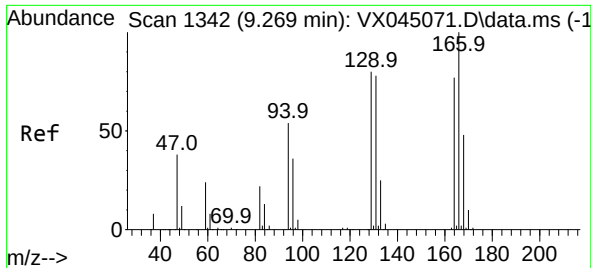
Tgt Ion: 95 Resp: 62634  
Ion Ratio Lower Upper  
95 100  
174 72.8 0.0 148.2  
176 70.8 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX045194.D  
Acq: 10 Mar 2025 14:29

Tgt Ion: 117 Resp: 133082  
Ion Ratio Lower Upper  
117 100  
82 59.0 46.3 69.5  
119 32.4 25.7 38.5

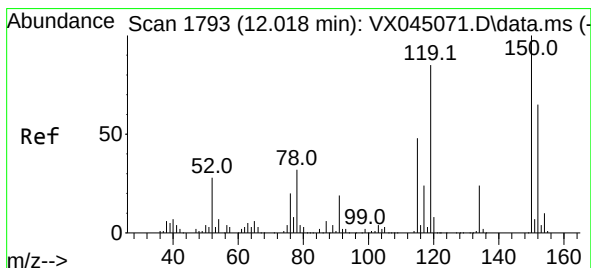
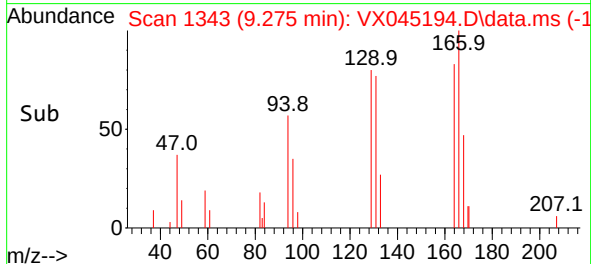
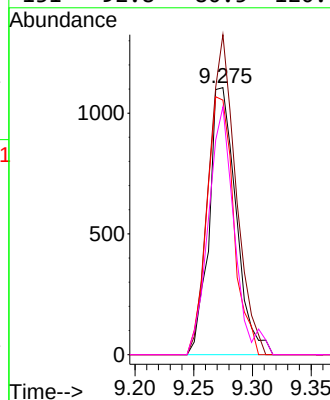
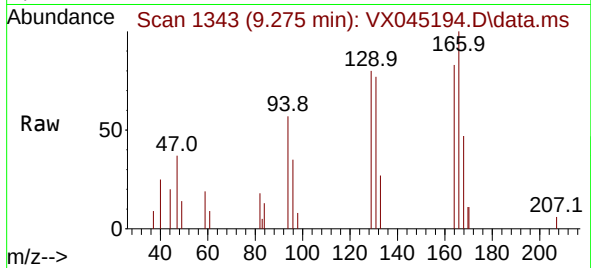




#64  
Tetrachloroethene  
Concen: 2.073 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX045194.D  
Acq: 10 Mar 2025 14:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW179D2-20250305

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:164 | Resp: | 1767  |
| Ion | Ratio   | Lower | Upper |
| 164 | 100     |       |       |
| 166 | 119.8   | 103.6 | 155.4 |
| 129 | 95.3    | 82.7  | 124.1 |
| 131 | 92.8    | 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: VX045194.D  
Acq: 10 Mar 2025 14:29

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:152 | Resp: | 58595 |       |
| Ion         | Ratio | Lower | Upper |
| 152         | 100   |       |       |
| 115         | 61.6  | 44.2  | 132.6 |
| 150         | 155.0 | 0.0   | 349.0 |

