

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041425\  
 Data File : VX045780.D  
 Acq On : 14 Apr 2025 19:50  
 Operator : JC/MD  
 Sample : Q1798-02 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TOTE(COMP)-1799

Quant Time: Apr 15 01:31:45 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

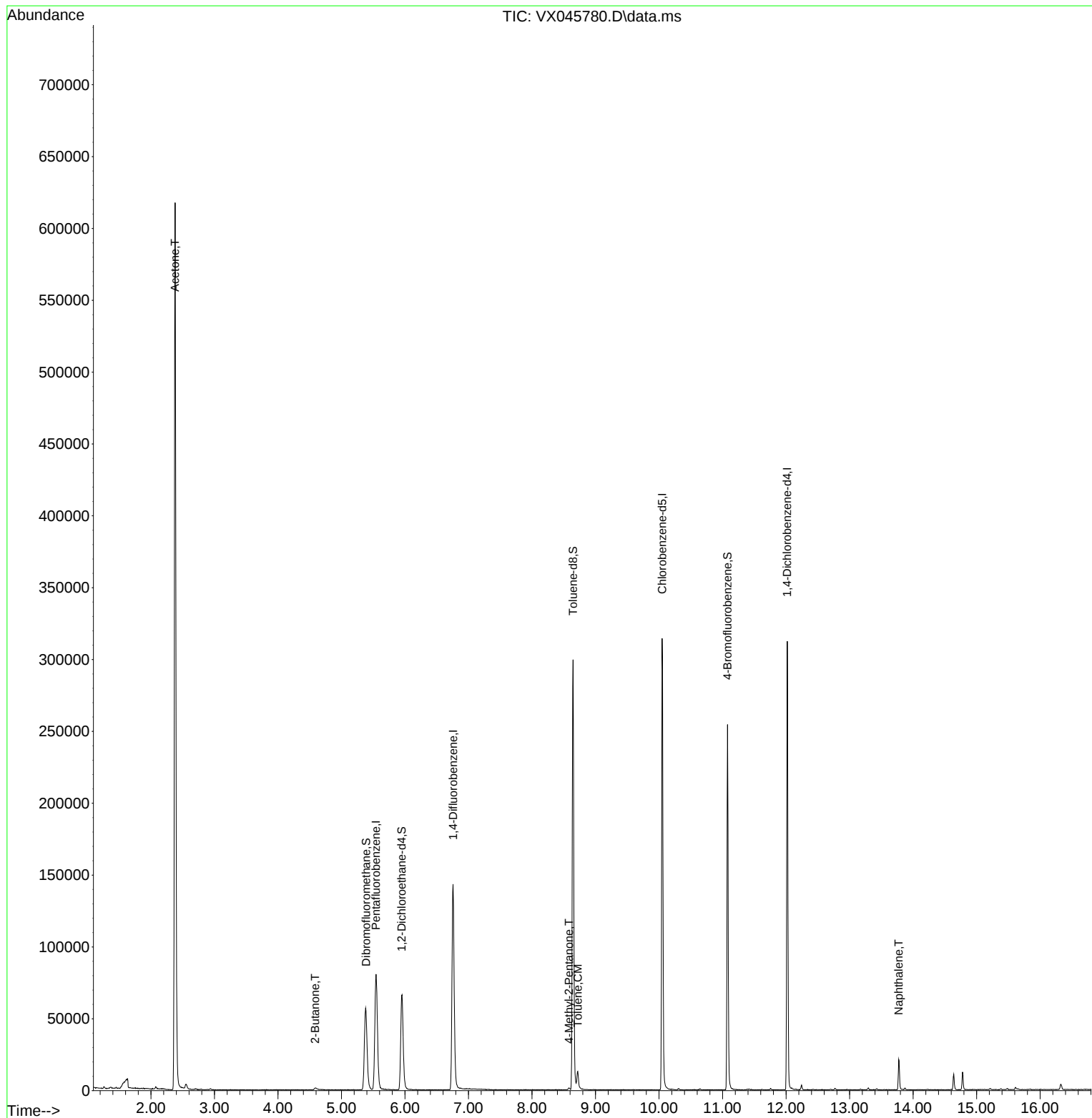
| Compound                    | R.T. QIon |          | Response | Conc     | Units    | Dev(Min) |
|-----------------------------|-----------|----------|----------|----------|----------|----------|
| -----                       |           |          |          |          |          |          |
| Internal Standards          |           |          |          |          |          |          |
| 1) Pentafluorobenzene       | 5.544     | 168      | 69186    | 50.000   | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114      | 136782   | 50.000   | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 10.049    | 117      | 129615   | 50.000   | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152      | 57288    | 50.000   | ug/l     | 0.00     |
| System Monitoring Compounds |           |          |          |          |          |          |
| 33) 1,2-Dichloroethane-d4   | 5.946     | 65       | 69924    | 55.266   | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range     | 74 - 125 | Recovery | =        | 110.540% |          |
| 35) Dibromofluoromethane    | 5.385     | 113      | 49847    | 51.364   | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range     | 75 - 124 | Recovery | =        | 102.720% |          |
| 50) Toluene-d8              | 8.647     | 98       | 175258   | 51.739   | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range     | 86 - 113 | Recovery | =        | 103.480% |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95       | 65929    | 53.434   | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range     | 77 - 121 | Recovery | =        | 106.860% |          |
| Target Compounds            |           |          |          |          |          |          |
|                             |           |          |          |          | Qvalue   |          |
| 16) Acetone                 | 2.380     | 43       | 652976   | 1256.836 | ug/l     | 98       |
| 25) 2-Butanone              | 4.586     | 43       | 3122     | 4.105    | ug/l     | 93       |
| 51) 4-Methyl-2-Pentanone    | 8.580     | 43       | 1116     | 0.673    | ug/l #   | 74       |
| 52) Toluene                 | 8.720     | 92       | 4598     | 1.899    | ug/l     | 96       |
| 95) Naphthalene             | 13.774    | 128      | 13832    | 3.480    | ug/l     | 98       |
| -----                       |           |          |          |          |          |          |

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

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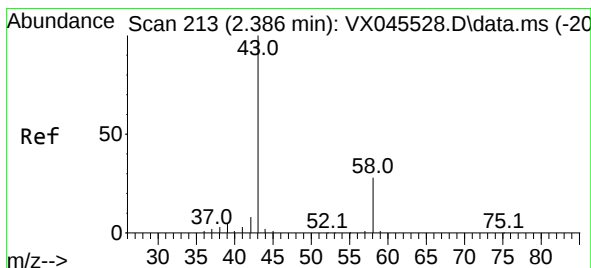
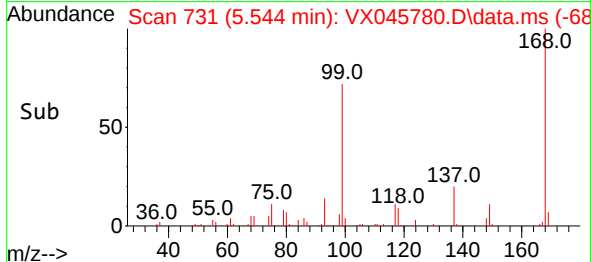
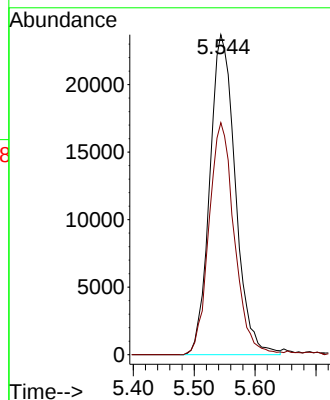
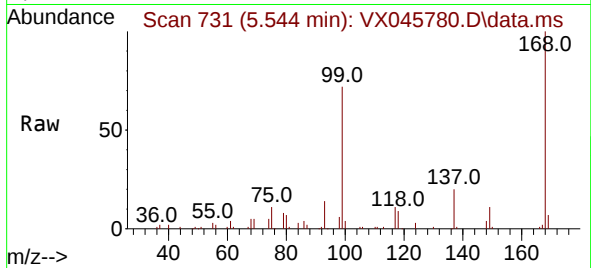




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045780.D  
Acq: 14 Apr 2025 19:50

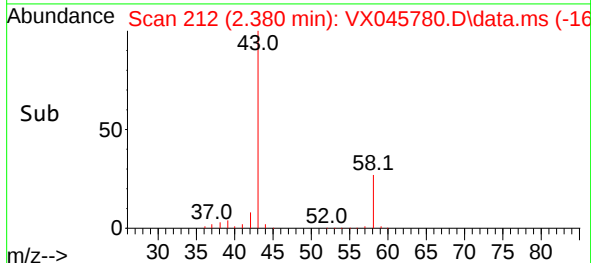
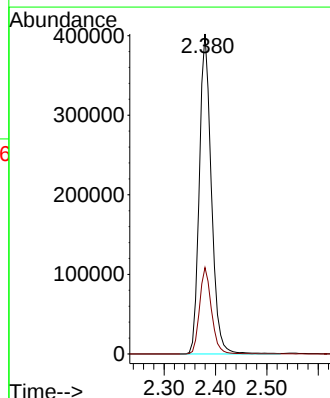
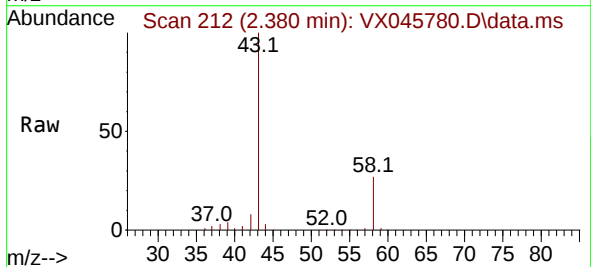
Instrument :  
MSVOA\_X  
ClientSampleId :  
TOTE(COMP)-1799

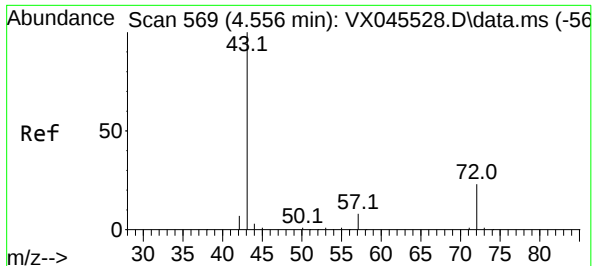
Tgt Ion:168 Resp: 69186  
Ion Ratio Lower Upper  
168 100  
99 72.5 52.3 78.5



#16  
Acetone  
Concen: 1256.836 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX045780.D  
Acq: 14 Apr 2025 19:50

Tgt Ion: 43 Resp: 652976  
Ion Ratio Lower Upper  
43 100  
58 27.0 22.3 33.5





#25

2-Butanone

Concen: 4.105 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX045780.D

Acq: 14 Apr 2025 19:50

Instrument :

MSVOA\_X

ClientSampleId :

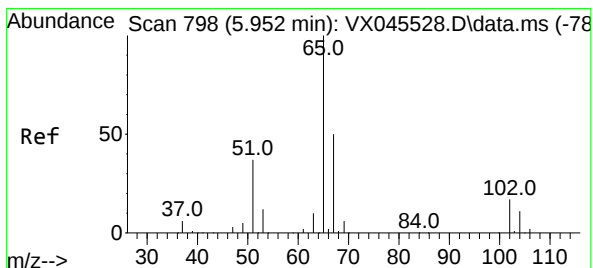
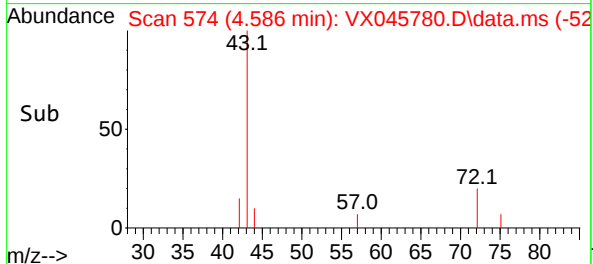
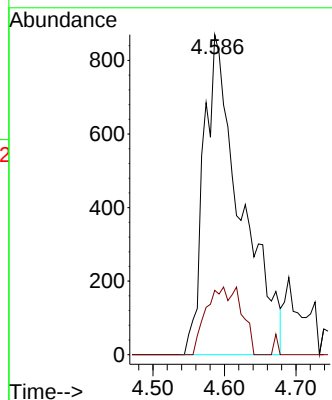
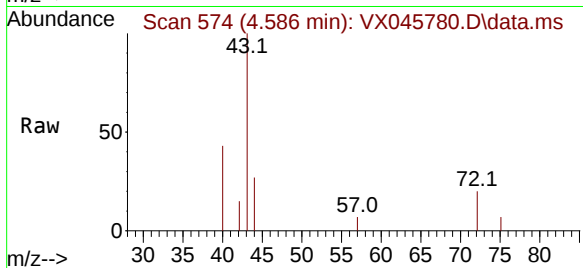
TOTE(COMP)-1799

Tgt Ion: 43 Resp: 3122

Ion Ratio Lower Upper

43 100

72 20.1 18.6 28.0



#33

1,2-Dichloroethane-d4

Concen: 55.266 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX045780.D

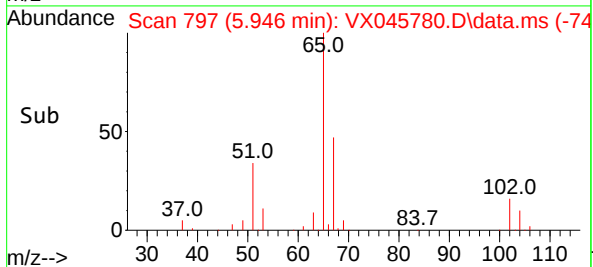
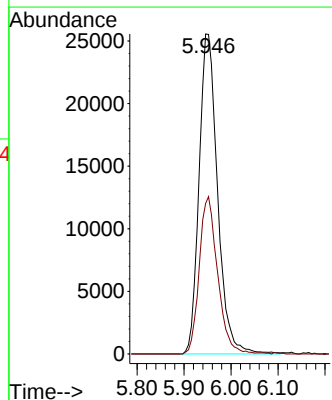
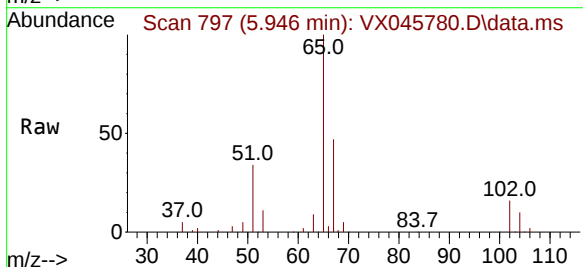
Acq: 14 Apr 2025 19:50

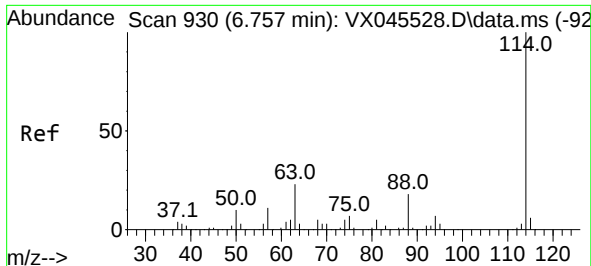
Tgt Ion: 65 Resp: 69924

Ion Ratio Lower Upper

65 100

67 48.8 0.0 99.0

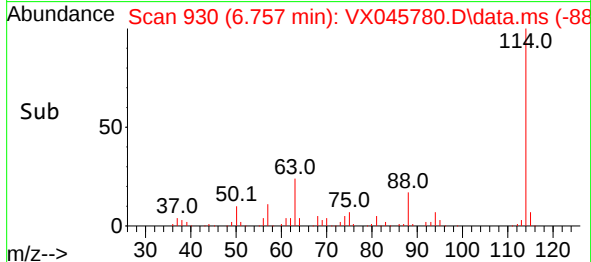
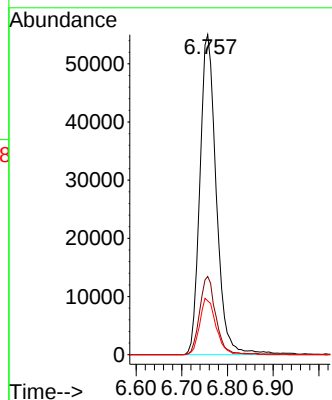
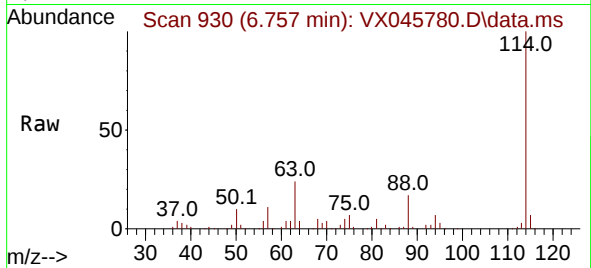




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX045780.D  
Acq: 14 Apr 2025 19:50

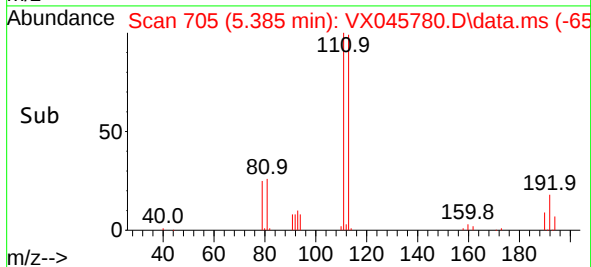
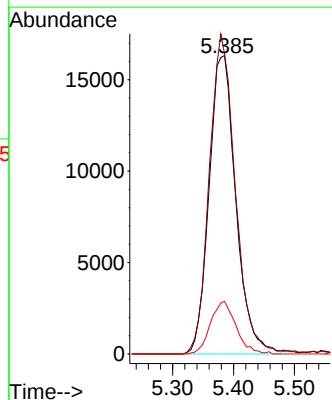
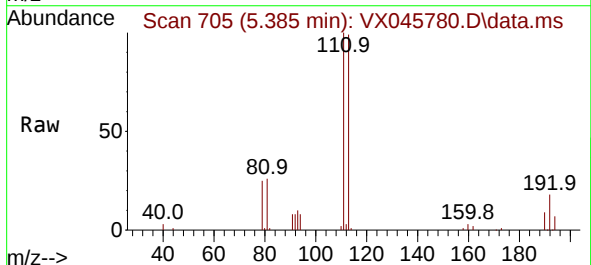
Instrument :  
MSVOA\_X  
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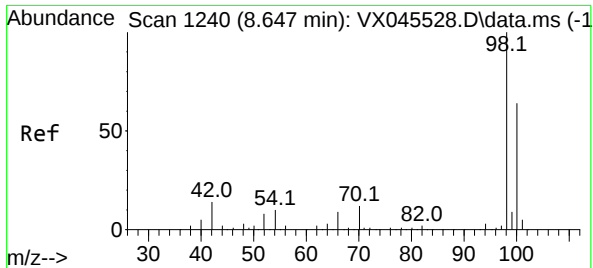
Tgt Ion:114 Resp: 136782  
Ion Ratio Lower Upper  
114 100  
63 24.5 0.0 46.8  
88 16.8 0.0 35.4



#35  
Dibromofluoromethane  
Concen: 51.364 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX045780.D  
Acq: 14 Apr 2025 19:50

Tgt Ion:113 Resp: 49847  
Ion Ratio Lower Upper  
113 100  
111 104.4 81.8 122.6  
192 16.8 13.8 20.6

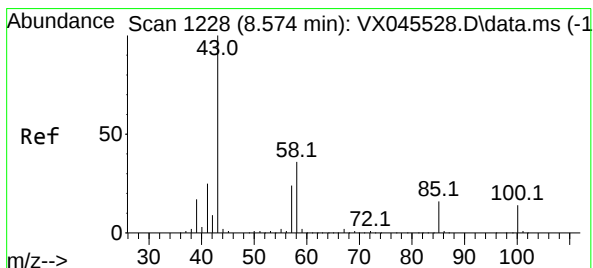
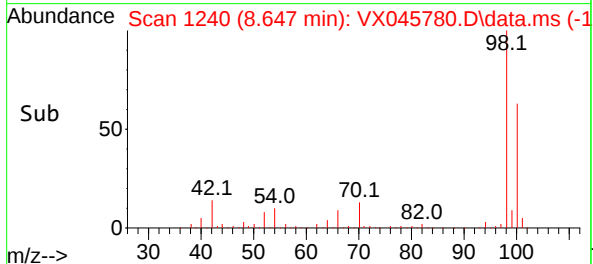
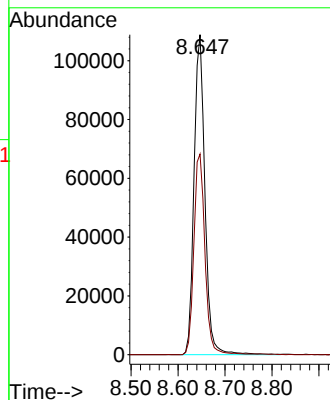
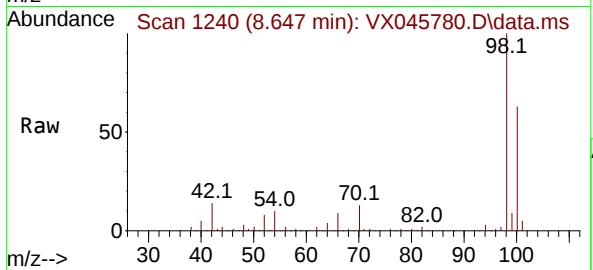




#50  
Toluene-d8  
Concen: 51.739 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045780.D  
Acq: 14 Apr 2025 19:50

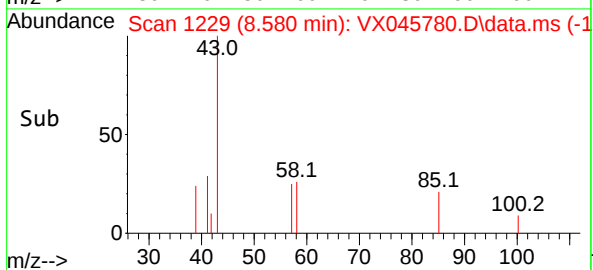
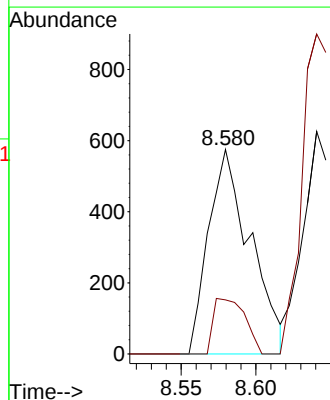
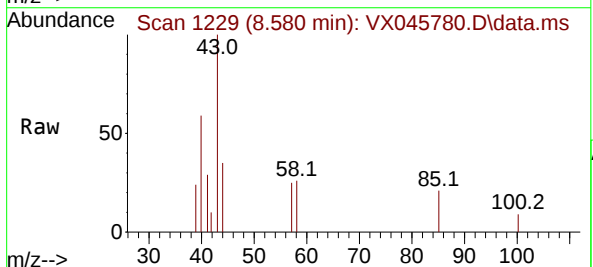
Instrument :  
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ClientSampleId :  
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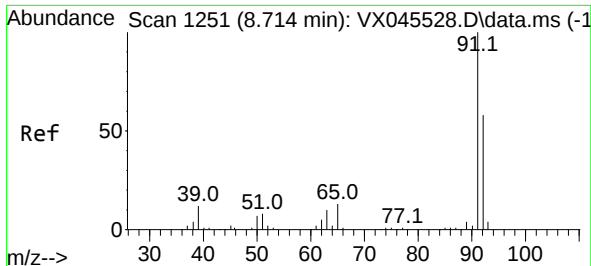
Tgt Ion: 98 Resp: 175258  
Ion Ratio Lower Upper  
98 100  
100 64.0 52.2 78.4



#51  
4-Methyl-2-Pentanone  
Concen: 0.673 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VX045780.D  
Acq: 14 Apr 2025 19:50

Tgt Ion: 43 Resp: 1116  
Ion Ratio Lower Upper  
43 100  
58 20.5 28.5 42.7#

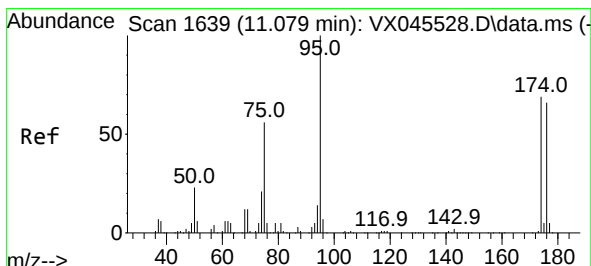
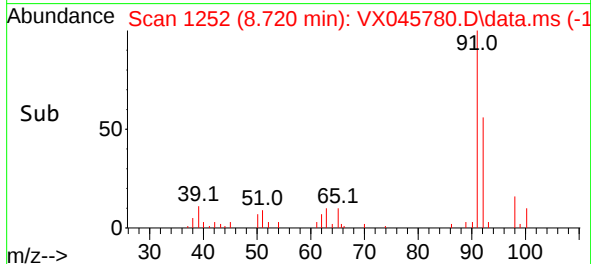
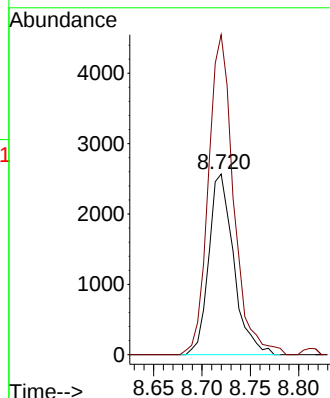
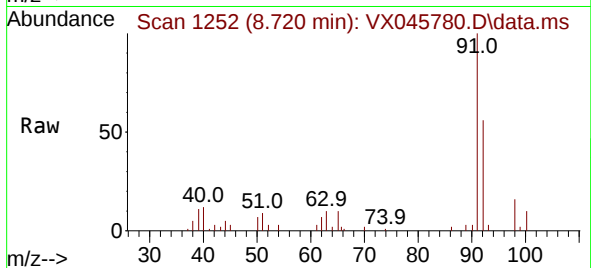




#52  
Toluene  
Concen: 1.899 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX045780.D  
Acq: 14 Apr 2025 19:50

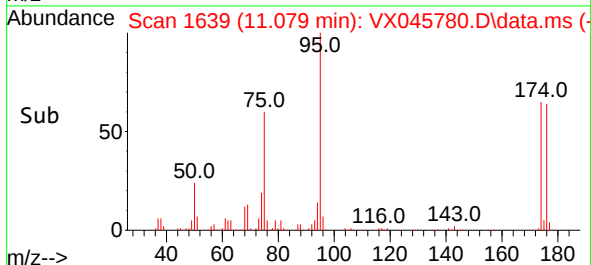
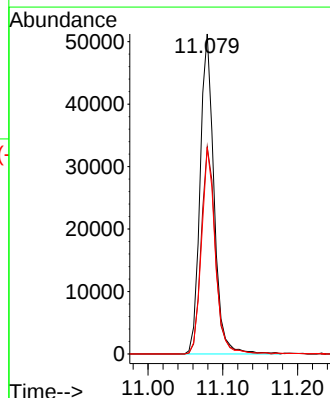
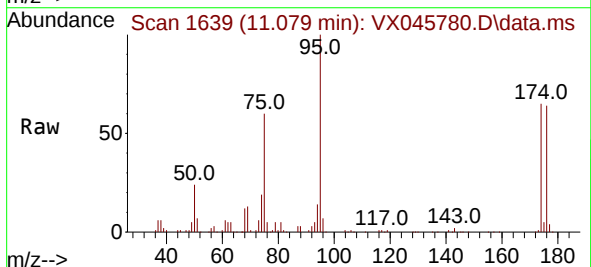
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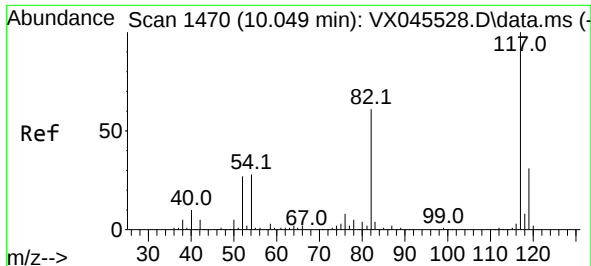
Tgt Ion: 92 Resp: 4598  
Ion Ratio Lower Upper  
92 100  
91 179.4 138.7 208.1



#62  
4-Bromofluorobenzene  
Concen: 53.434 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX045780.D  
Acq: 14 Apr 2025 19:50

Tgt Ion: 95 Resp: 65929  
Ion Ratio Lower Upper  
95 100  
174 66.5 0.0 135.8  
176 64.0 0.0 131.4

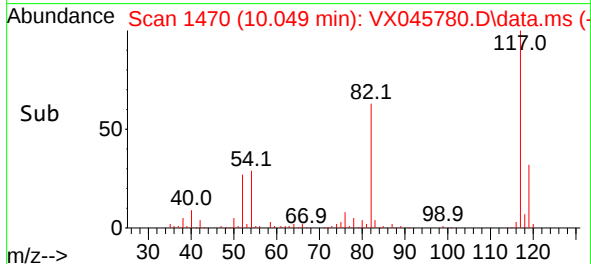
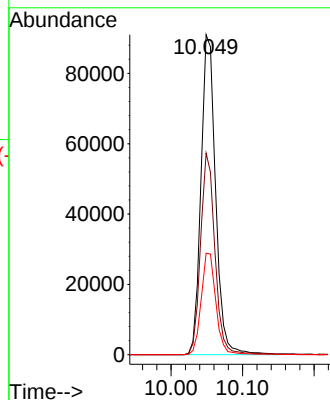
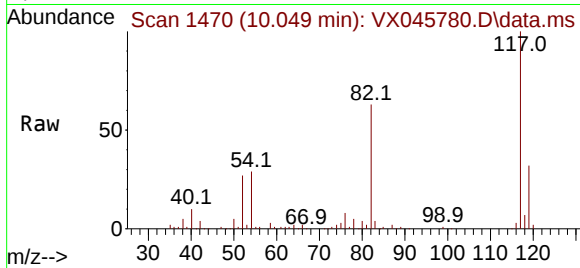




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX045780.D  
Acq: 14 Apr 2025 19:50

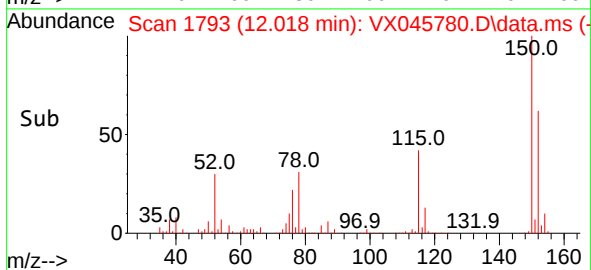
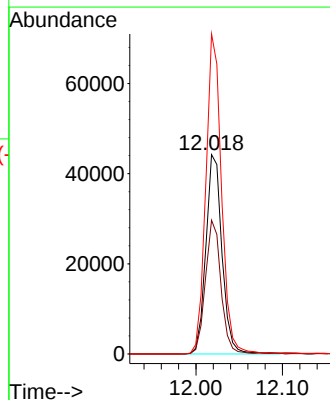
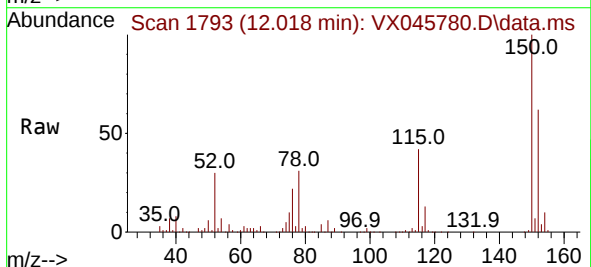
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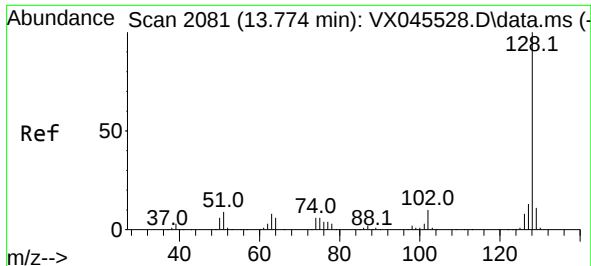
Tgt Ion:117 Resp: 129615  
Ion Ratio Lower Upper  
117 100  
82 63.0 49.2 73.8  
119 31.7 25.1 37.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX045780.D  
Acq: 14 Apr 2025 19:50

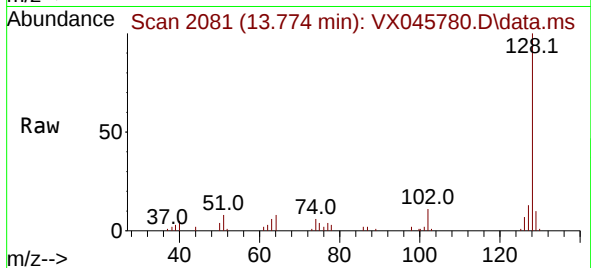
Tgt Ion:152 Resp: 57288  
Ion Ratio Lower Upper  
152 100  
115 65.0 46.9 140.7  
150 155.9 0.0 349.4





#95  
Naphthalene  
Concen: 3.480 ug/l  
RT: 13.774 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VX045780.D  
Acq: 14 Apr 2025 19:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:128 Resp: 13832  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.3 15.5  
129 10.1 8.6 12.8

