

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052125\  
 Data File : VX046295.D  
 Acq On : 21 May 2025 14:19  
 Operator : JC/MD  
 Sample : Q2082-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-182-GW-300-302

Quant Time: May 22 01:49:39 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

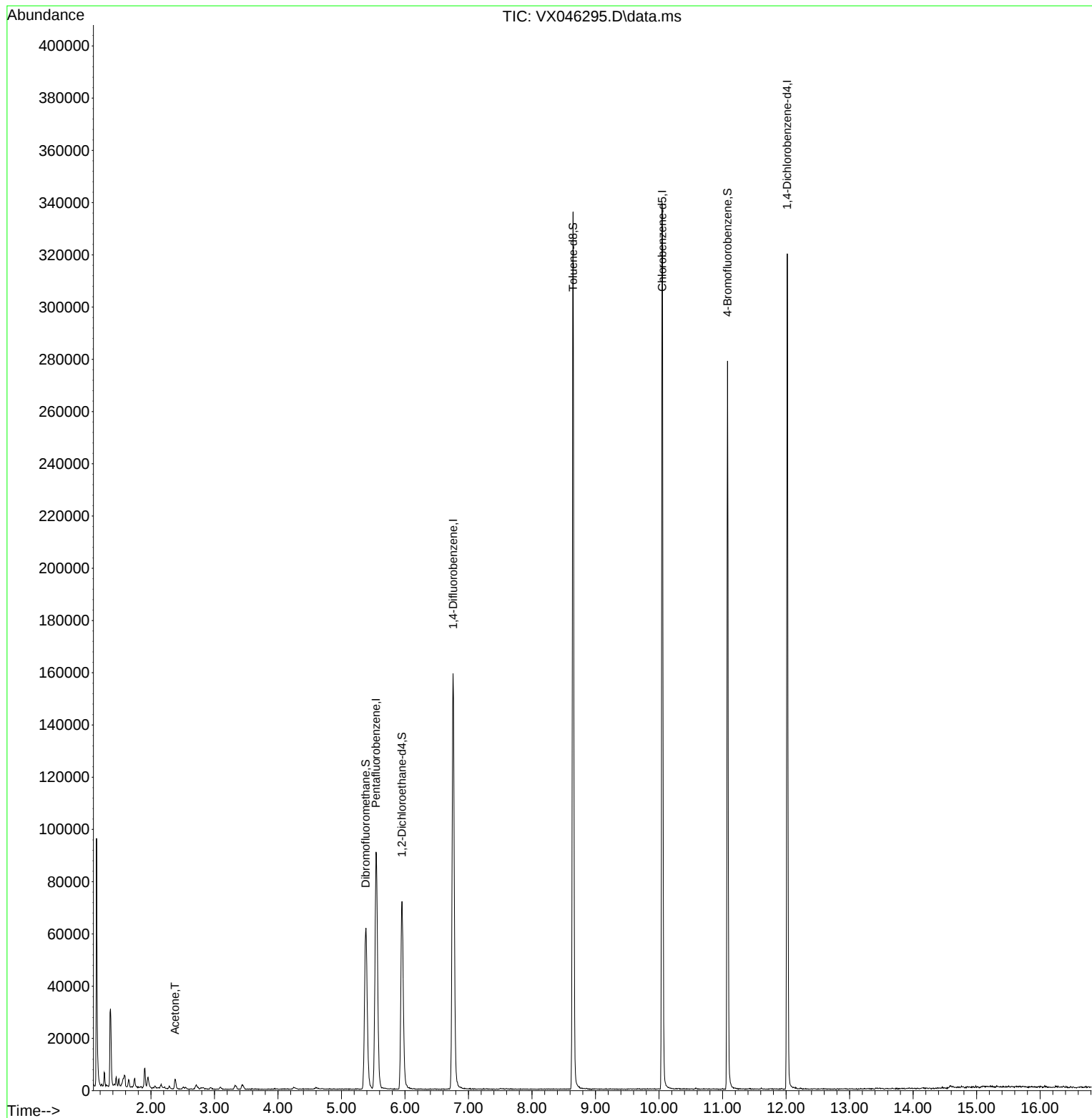
| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 5.544          | 168  | 76265               | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 151412              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.049         | 117  | 140047              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018         | 152  | 58719               | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 74947               | 52.712 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 105.420% |        |        |          |
| 35) Dibromofluoromethane    | 5.379          | 113  | 54679               | 50.149 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 100.300% |        |        |          |
| 50) Toluene-d8              | 8.647          | 98   | 190308              | 50.429 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 100.860% |        |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 73804               | 50.985 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 101.980% |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        | Qvalue |          |
| 16) Acetone                 | 2.380          | 43   | 4409                | 7.734  | ug/l   | 99       |
| -----                       |                |      |                     |        |        |          |

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

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MSVOA\_X  
ClientSampleId :  
BP-VPB-182-GW-300-302

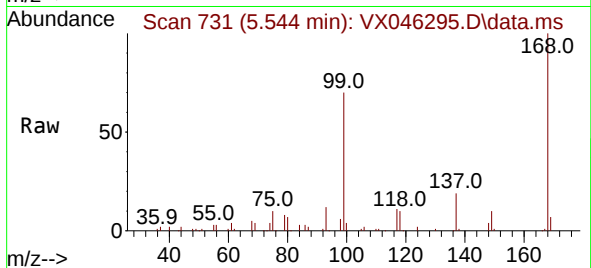
Quant Time: May 22 01:49:39 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260  
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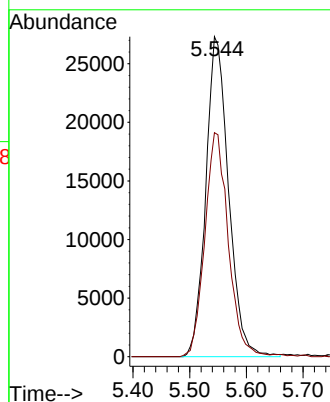
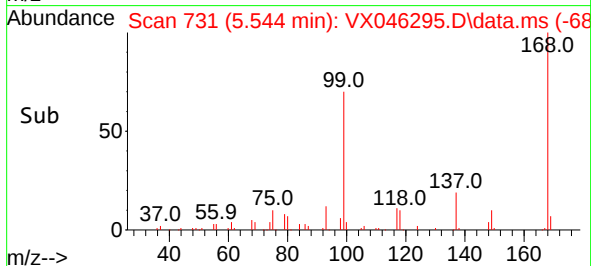


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX046295.D  
Acq: 21 May 2025 14:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-182-GW-300-302

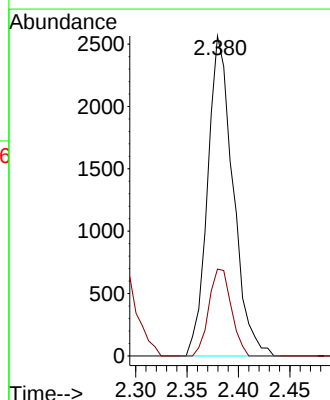
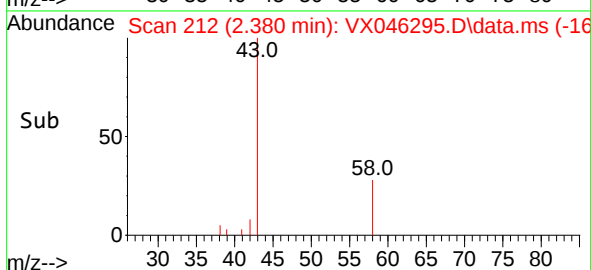
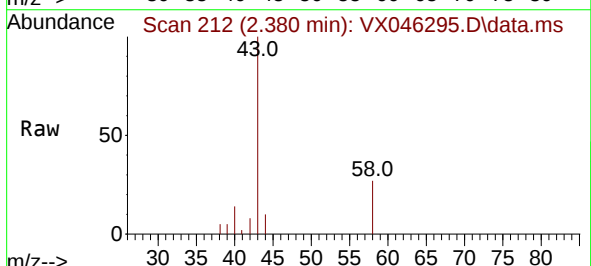


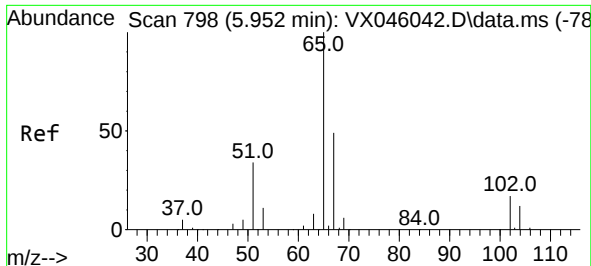
Tgt Ion:168 Resp: 76265  
Ion Ratio Lower Upper  
168 100  
99 70.0 54.9 82.3



#16  
Acetone  
Concen: 7.734 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX046295.D  
Acq: 21 May 2025 14:19

Tgt Ion: 43 Resp: 4409  
Ion Ratio Lower Upper  
43 100  
58 27.1 21.2 31.8

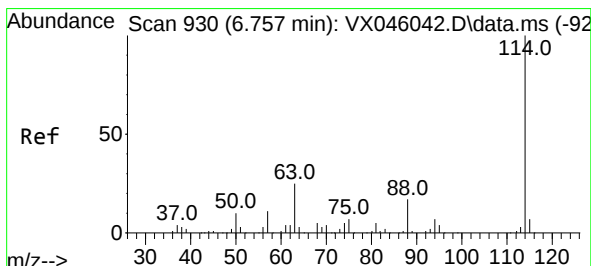
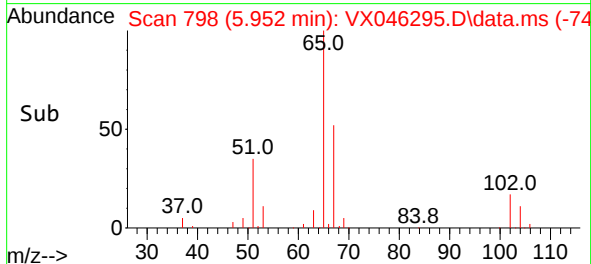
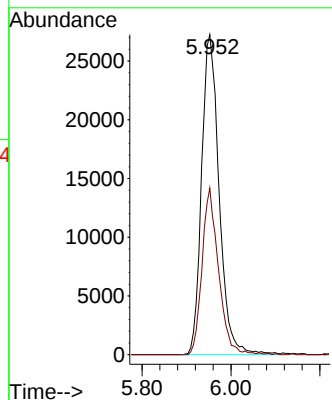
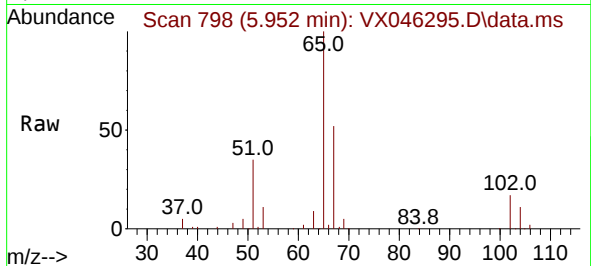




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.712 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. -0.000 min  
 Lab File: VX046295.D  
 Acq: 21 May 2025 14:19

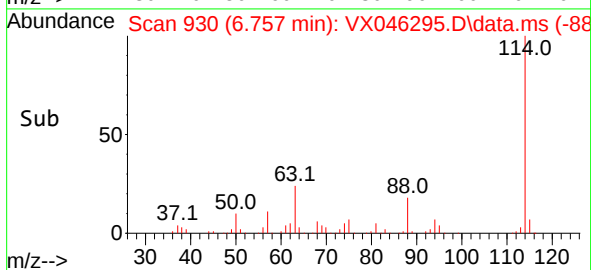
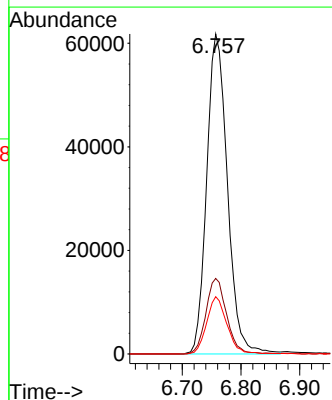
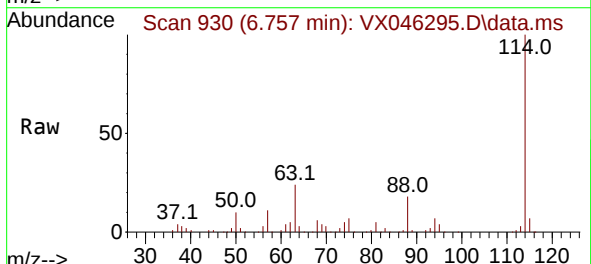
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-182-GW-300-302

Tgt Ion: 65 Resp: 74947  
 Ion Ratio Lower Upper  
 65 100  
 67 48.9 0.0 99.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. -0.000 min  
 Lab File: VX046295.D  
 Acq: 21 May 2025 14:19

Tgt Ion: 114 Resp: 151412  
 Ion Ratio Lower Upper  
 114 100  
 63 23.6 0.0 49.2  
 88 17.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.149 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046295.D

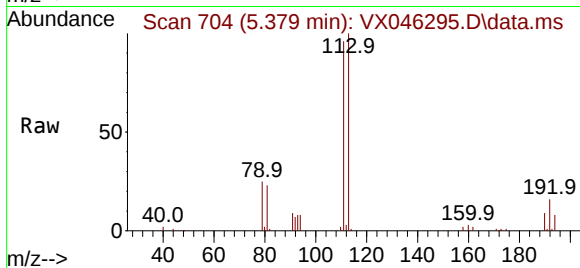
Acq: 21 May 2025 14:19

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-182-GW-300-302



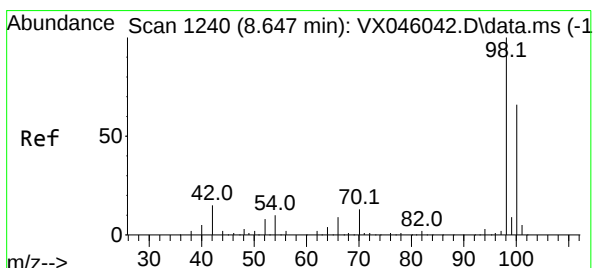
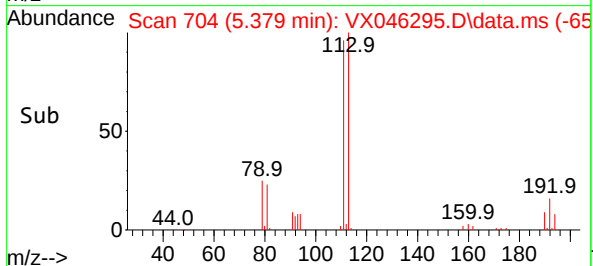
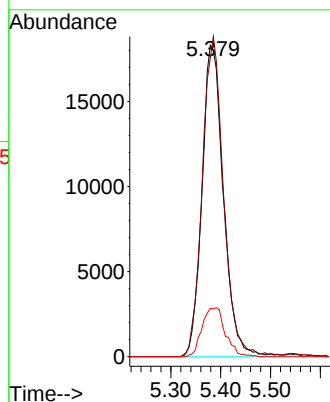
Tgt Ion:113 Resp: 54679

Ion Ratio Lower Upper

113 100

111 102.1 83.1 124.7

192 17.1 13.3 19.9



#50

Toluene-d8

Concen: 50.429 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046295.D

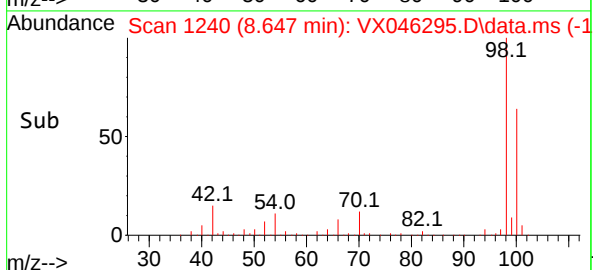
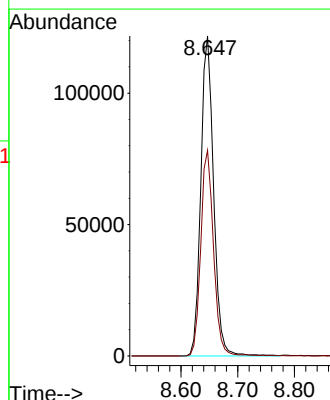
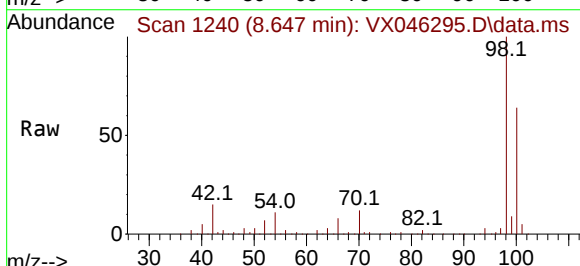
Acq: 21 May 2025 14:19

Tgt Ion: 98 Resp: 190308

Ion Ratio Lower Upper

98 100

100 64.3 53.5 80.3

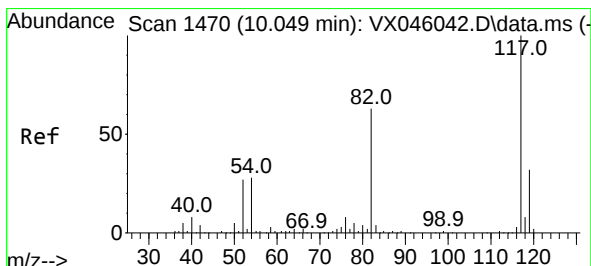
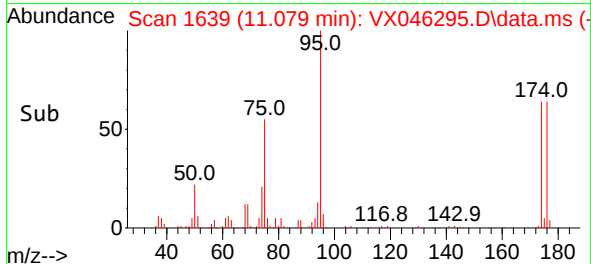
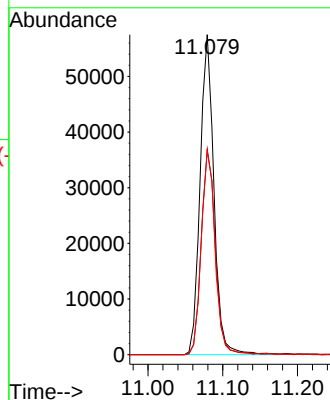
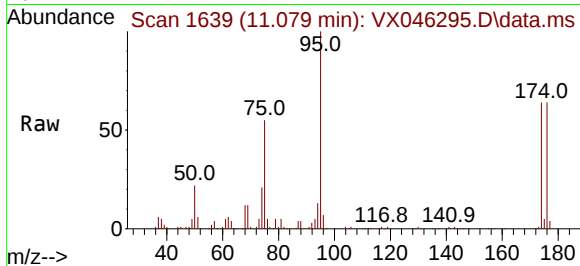




#62  
4-Bromofluorobenzene  
Concen: 50.985 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046295.D  
Acq: 21 May 2025 14:19

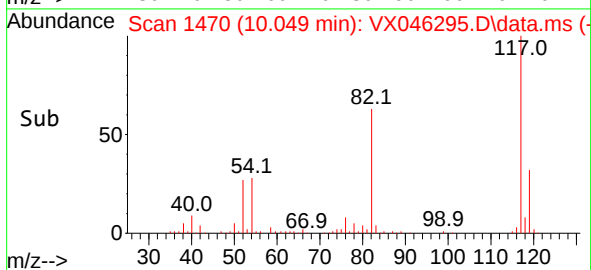
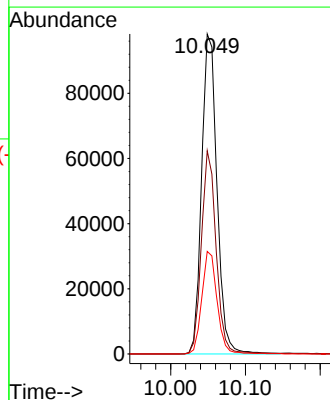
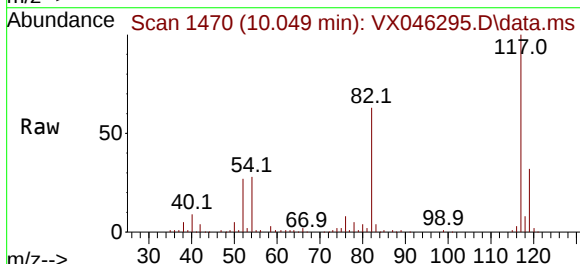
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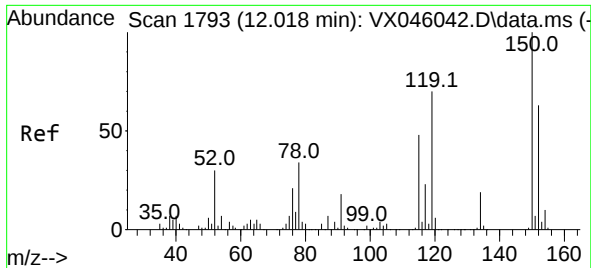
Tgt Ion: 95 Resp: 73804  
Ion Ratio Lower Upper  
95 100  
174 65.2 0.0 135.8  
176 63.9 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX046295.D  
Acq: 21 May 2025 14:19

Tgt Ion: 117 Resp: 140047  
Ion Ratio Lower Upper  
117 100  
82 63.5 50.6 76.0  
119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046295.D

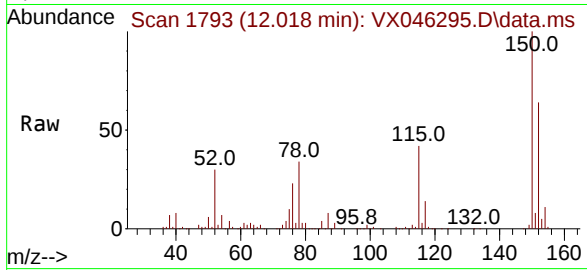
Acq: 21 May 2025 14:19

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-182-GW-300-302



Tgt Ion:152 Resp: 58719

Ion Ratio Lower Upper

152 100

115 66.3 46.9 140.7

150 159.2 0.0 351.0

