

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101325\  
 Data File : VX048132.D  
 Acq On : 13 Oct 2025 11:44  
 Operator : JC/MD  
 Sample : Q3324-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-184-GW-780-782

Quant Time: Oct 14 01:52:19 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

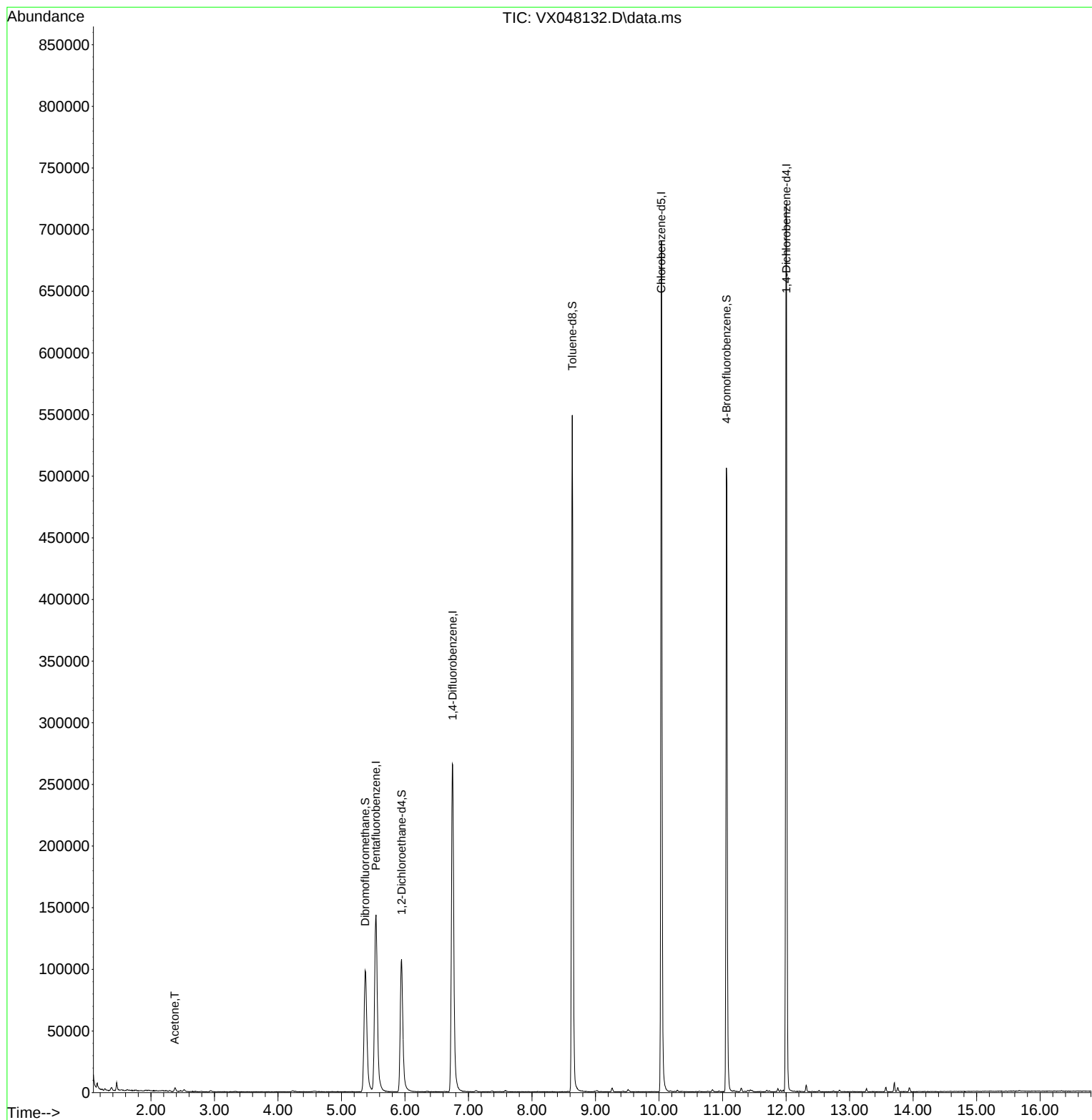
| Compound                    | R.T.   | QIon           | Response | Conc       | Units | Dev(Min)  |
|-----------------------------|--------|----------------|----------|------------|-------|-----------|
| -----                       |        |                |          |            |       |           |
| Internal Standards          |        |                |          |            |       |           |
| 1) Pentafluorobenzene       | 5.544  | 168            | 145285   | 50.000     | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.751  | 114            | 293131   | 50.000     | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.037 | 117            | 303093   | 50.000     | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.006 | 152            | 152502   | 50.000     | ug/l  | 0.00      |
| System Monitoring Compounds |        |                |          |            |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65             | 116568   | 50.406     | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range 78 - 117 | Recovery | = 100.820% |       |           |
| 35) Dibromofluoromethane    | 5.373  | 113            | 96052    | 48.859     | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | = 97.720%  |       |           |
| 50) Toluene-d8              | 8.635  | 98             | 331940   | 48.798     | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range 92 - 112 | Recovery | = 97.600%  |       |           |
| 62) 4-Bromofluorobenzene    | 11.061 | 95             | 145147   | 56.223     | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range 83 - 123 | Recovery | = 112.440% |       |           |
| Target Compounds            |        |                |          |            |       |           |
| 16) Acetone                 | 2.374  | 43             | 3821     | 3.800      | ug/l  | Qvalue 96 |
| -----                       |        |                |          |            |       |           |

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

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BP-VPB-184-GW-780-782

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Quant Title : SW846 8260  
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Response via : Initial Calibration

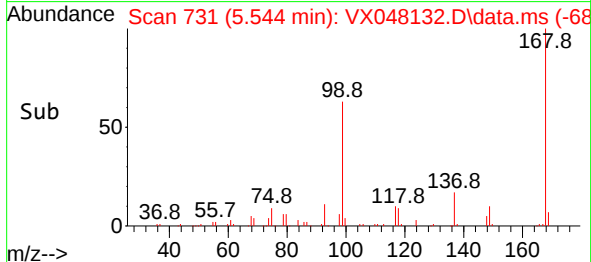
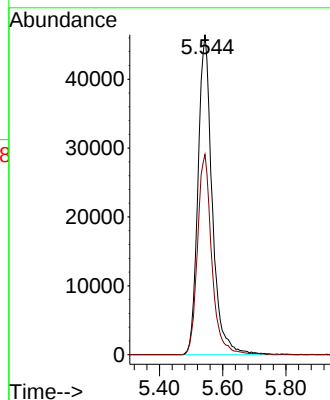
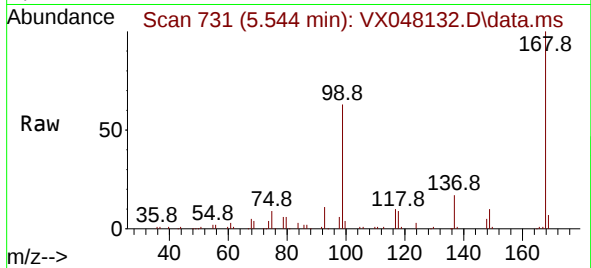




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VX048132.D  
Acq: 13 Oct 2025 11:44

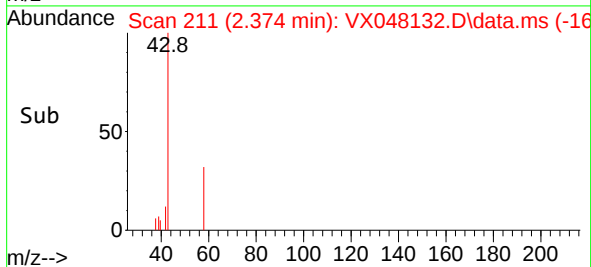
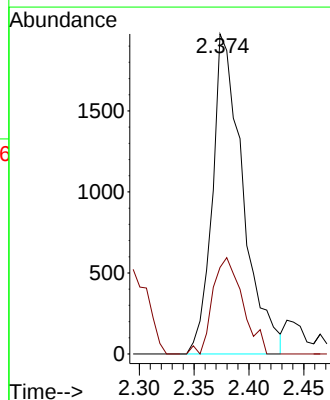
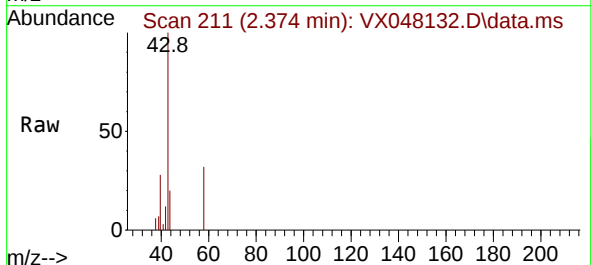
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-184-GW-780-782

Tgt Ion:168 Resp: 145285  
Ion Ratio Lower Upper  
168 100  
99 62.6 48.8 73.2



#16  
Acetone  
Concen: 3.800 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX048132.D  
Acq: 13 Oct 2025 11:44

Tgt Ion: 43 Resp: 3821  
Ion Ratio Lower Upper  
43 100  
58 27.0 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 50.406 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048132.D

Acq: 13 Oct 2025 11:44

Instrument :

MSVOA\_X

ClientSampleId :

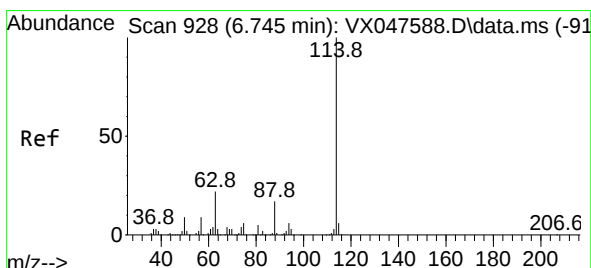
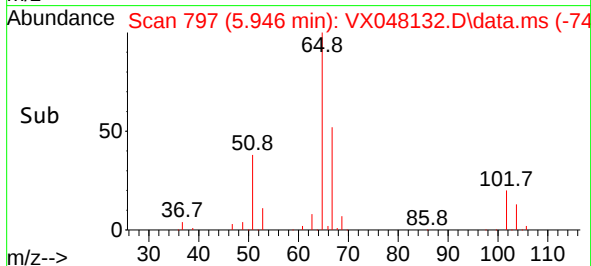
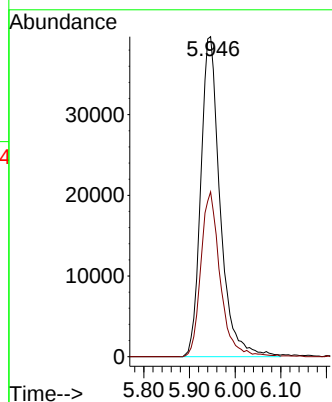
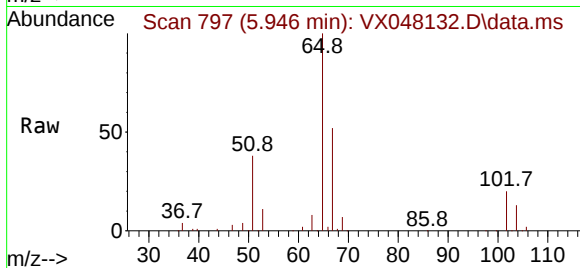
BP-VPB-184-GW-780-782

Tgt Ion: 65 Resp: 116568

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048132.D

Acq: 13 Oct 2025 11:44

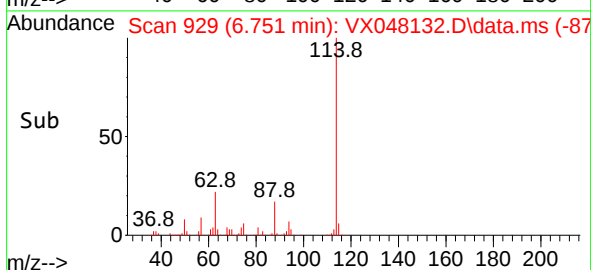
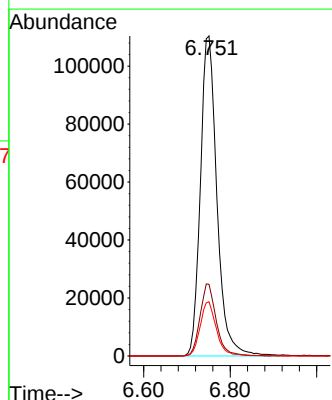
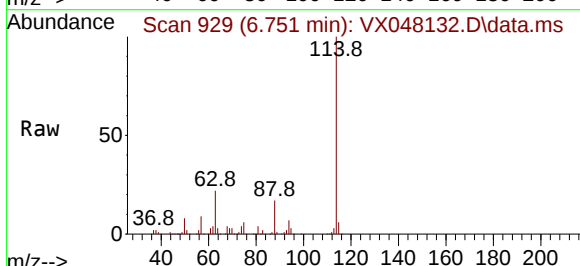
Tgt Ion: 114 Resp: 293131

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.0

88 16.9 0.0 34.2

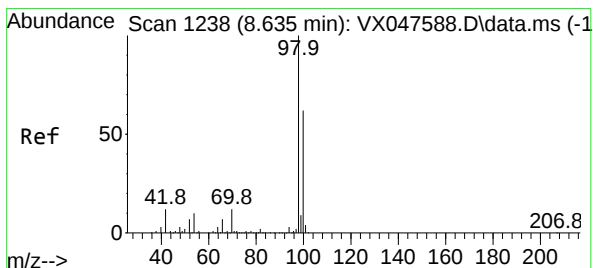
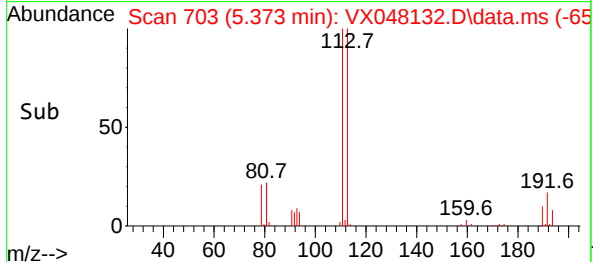
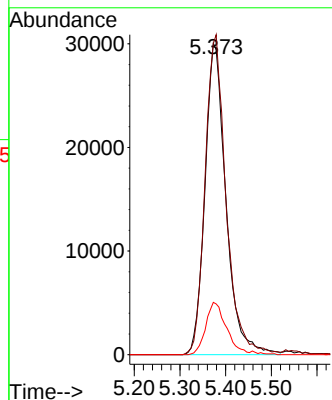
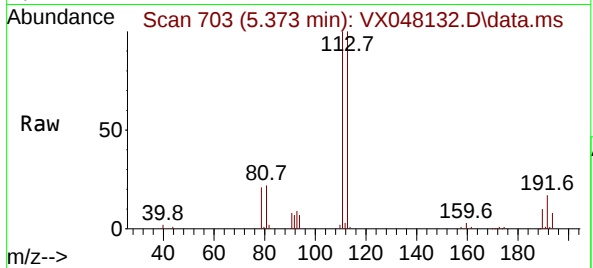




#35  
Dibromofluoromethane  
Concen: 48.859 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX048132.D  
Acq: 13 Oct 2025 11:44

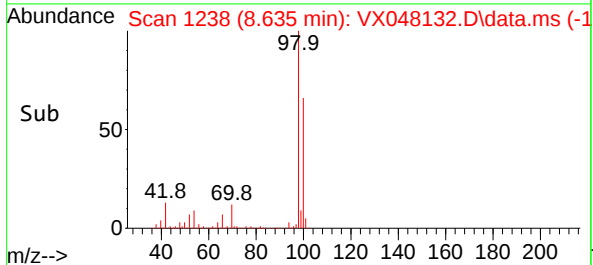
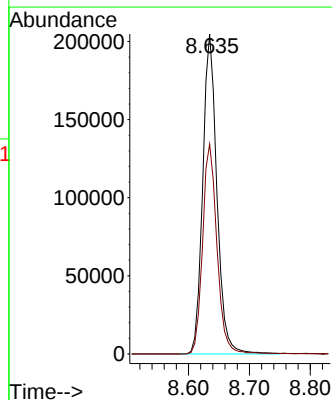
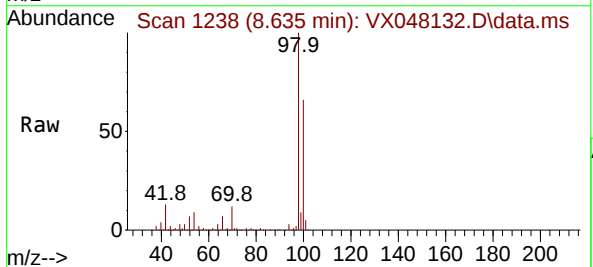
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-184-GW-780-782

Tgt Ion:113 Resp: 96052  
Ion Ratio Lower Upper  
113 100  
111 102.3 80.9 121.3  
192 16.5 14.2 21.4



#50  
Toluene-d8  
Concen: 48.798 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: VX048132.D  
Acq: 13 Oct 2025 11:44

Tgt Ion: 98 Resp: 331940  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.0 79.4

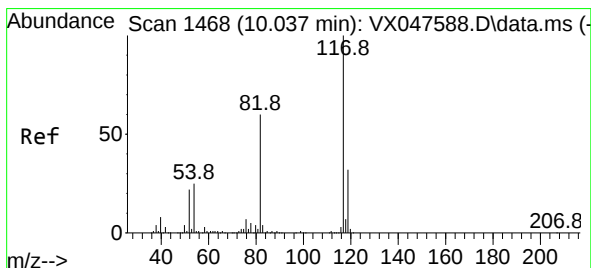
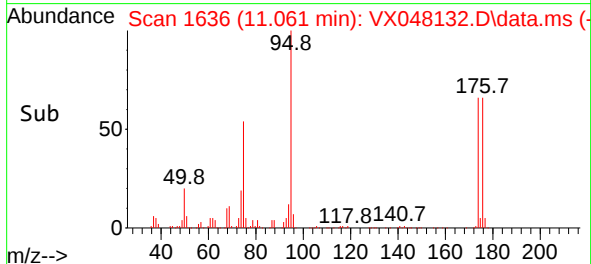
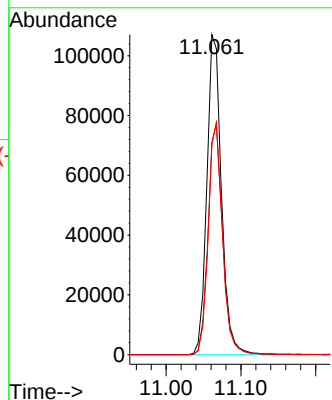
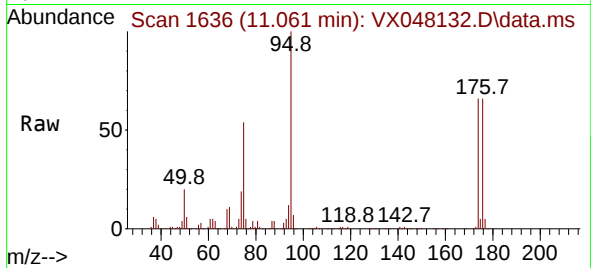




#62  
4-Bromofluorobenzene  
Concen: 56.223 ug/l  
RT: 11.061 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX048132.D  
Acq: 13 Oct 2025 11:44

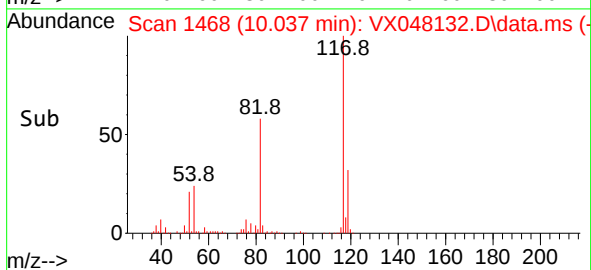
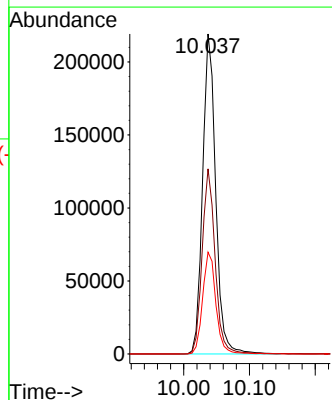
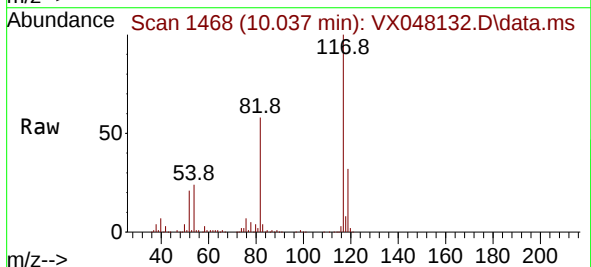
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-184-GW-780-782

Tgt Ion: 95 Resp: 145147  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 141.6  
176 70.8 0.0 138.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048132.D  
Acq: 13 Oct 2025 11:44

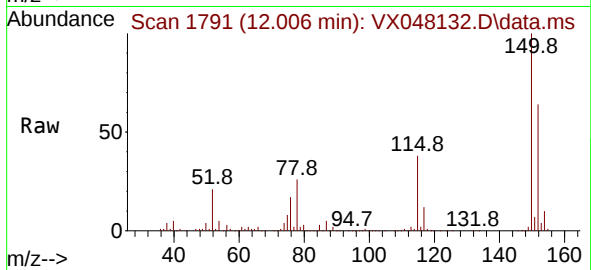
Tgt Ion: 117 Resp: 303093  
Ion Ratio Lower Upper  
117 100  
82 57.9 47.8 71.6  
119 31.8 25.2 37.8





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048132.D  
Acq: 13 Oct 2025 11:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-184-GW-780-782



Tgt Ion:152 Resp: 152502  
Ion Ratio Lower Upper  
152 100  
115 62.1 44.9 134.5  
150 155.6 0.0 352.0

