

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012624\  
 Data File : VX039984.D  
 Acq On : 26 Jan 2024 16:10  
 Operator : JC/MD  
 Sample : P1261-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-191-GW-523-525

Quant Time: Jan 29 00:42:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 03:51:26 2024  
 Response via : Initial Calibration

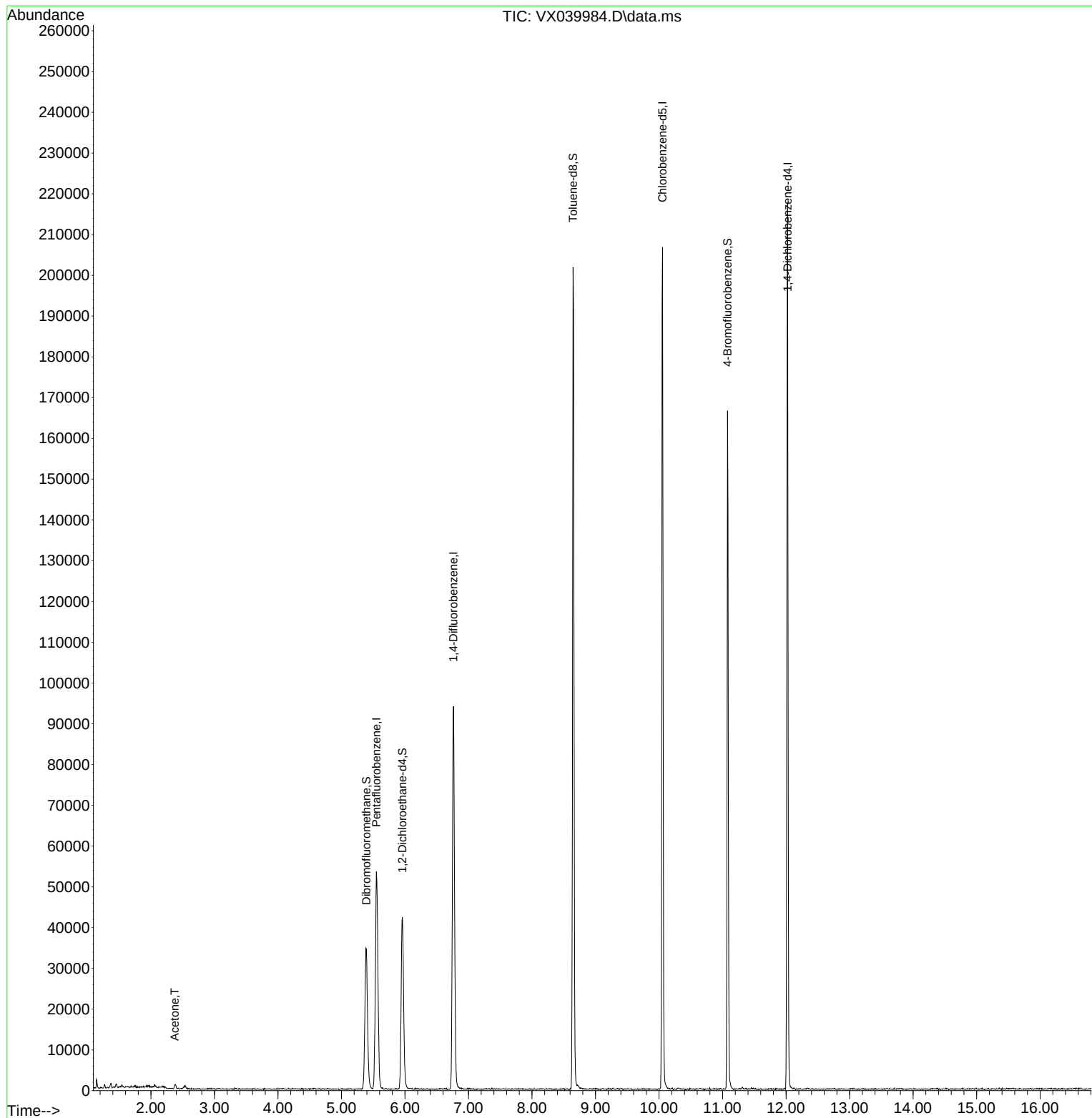
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.550  | 168   | 43580    | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 88073    | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 84066    | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 38756    | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 40485    | 55.457   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 110.920%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 29197    | 49.219   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 98.440%   |
| 50) Toluene-d8              | 8.647  | 98    | 115132   | 51.460   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 102.920%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 42123    | 48.146   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 96.300%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 2.373  | 43    | 1334     | 3.249    | ug/l  | Qvalue 92 |
| -----                       |        |       |          |          |       |           |

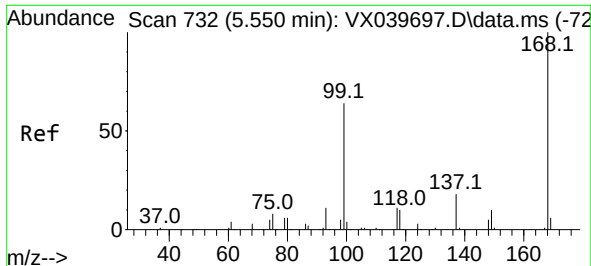
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
BP-VPB-191-GW-523-525

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration

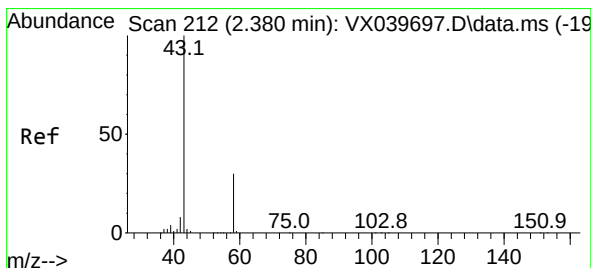
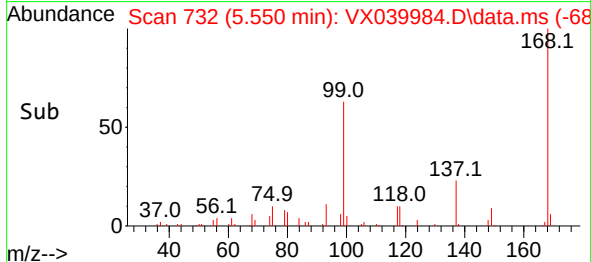
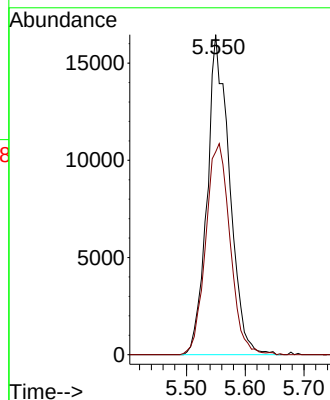
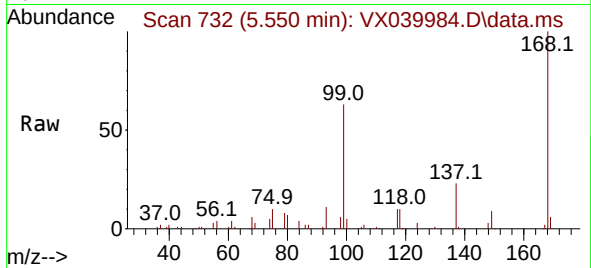




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

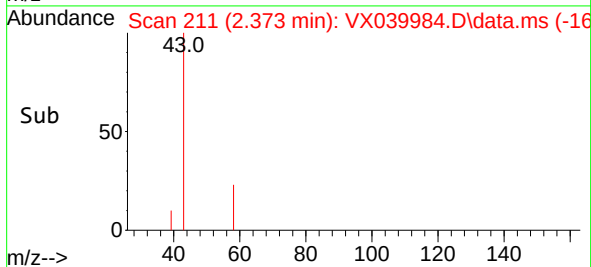
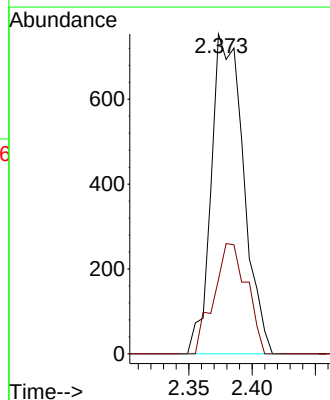
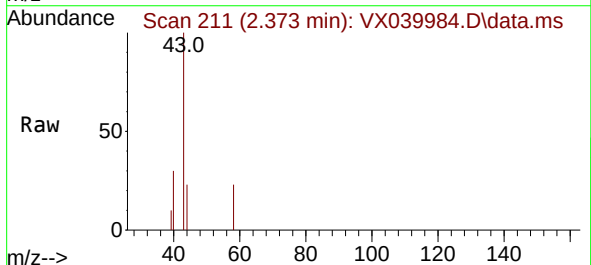
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-191-GW-523-525

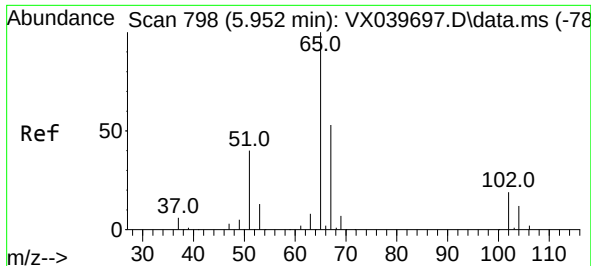
Tgt Ion:168 Resp: 43580  
Ion Ratio Lower Upper  
168 100  
99 63.4 56.6 85.0



#16  
Acetone  
Concen: 3.249 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

Tgt Ion: 43 Resp: 1334  
Ion Ratio Lower Upper  
43 100  
58 23.2 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 55.457 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039984.D

Acq: 26 Jan 2024 16:10

Instrument :

MSVOA\_X

ClientSampleId :

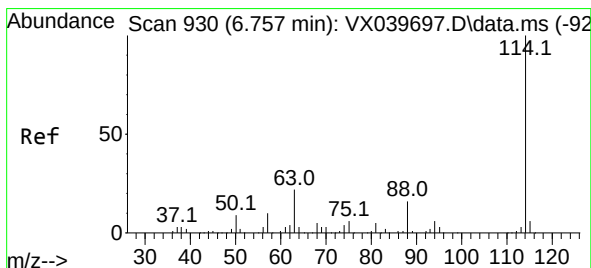
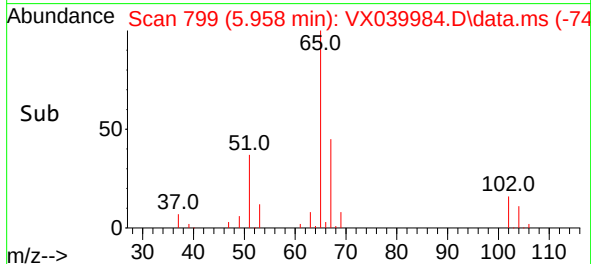
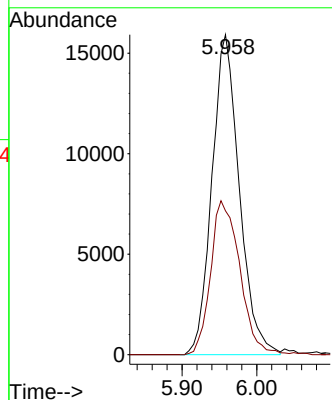
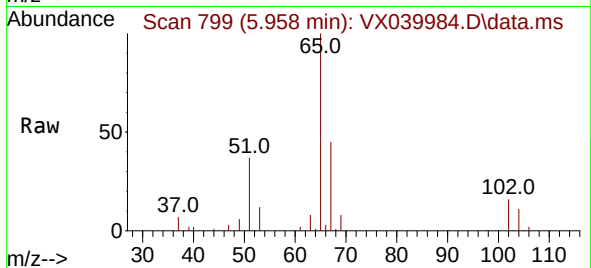
BP-VPB-191-GW-523-525

Tgt Ion: 65 Resp: 40485

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039984.D

Acq: 26 Jan 2024 16:10

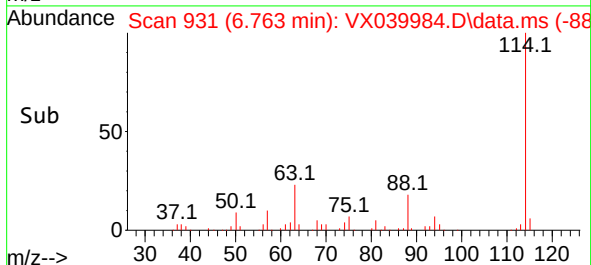
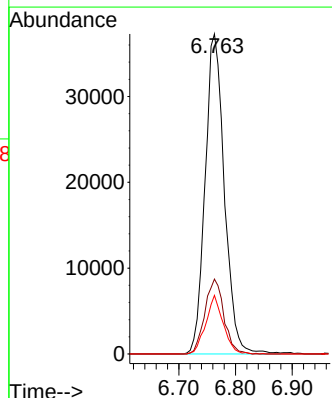
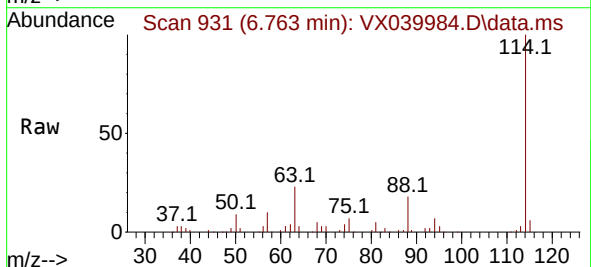
Tgt Ion: 114 Resp: 88073

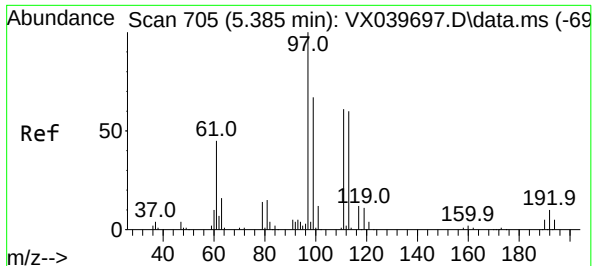
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 18.3 0.0 36.6

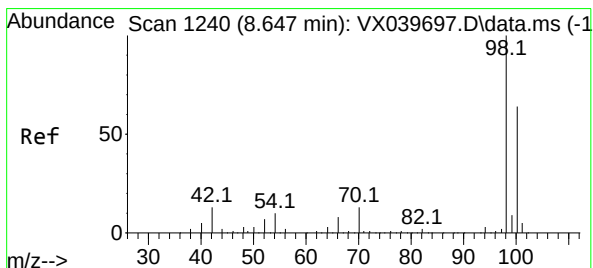
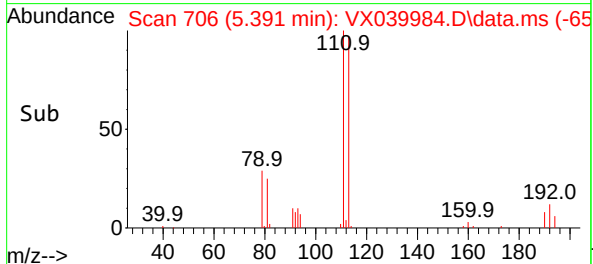
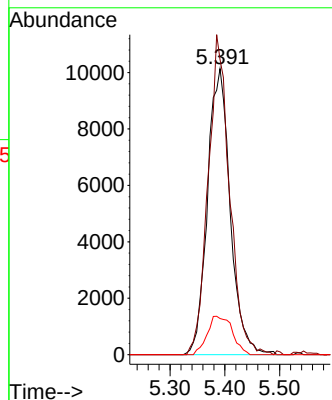
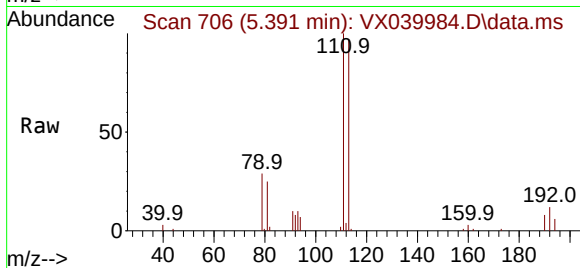




#35  
Dibromofluoromethane  
Concen: 49.219 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

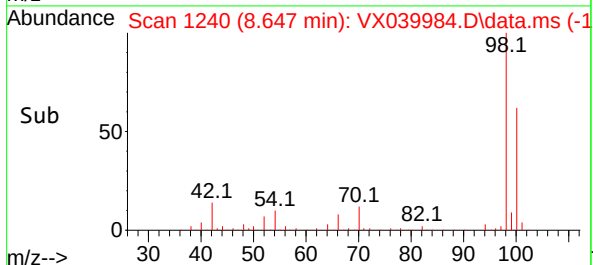
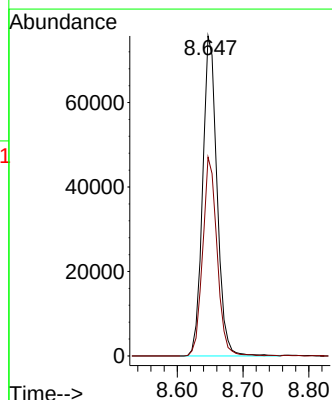
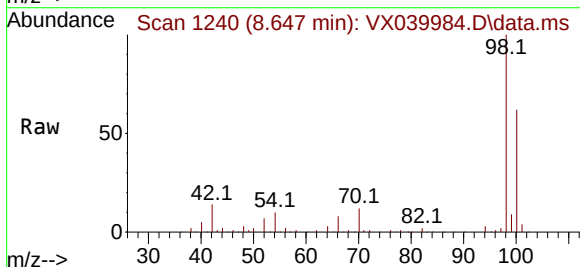
Instrument :  
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ClientSampleId :  
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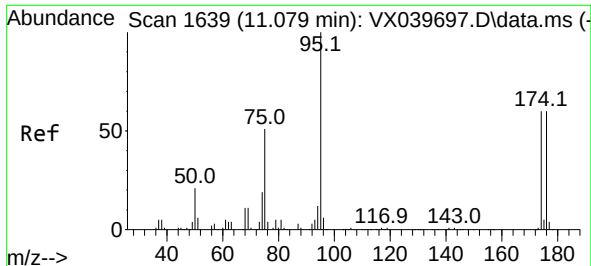
Tgt Ion:113 Resp: 29197  
Ion Ratio Lower Upper  
113 100  
111 105.3 82.9 124.3  
192 14.8 13.3 19.9



#50  
Toluene-d8  
Concen: 51.460 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

Tgt Ion: 98 Resp: 115132  
Ion Ratio Lower Upper  
98 100  
100 62.2 53.1 79.7

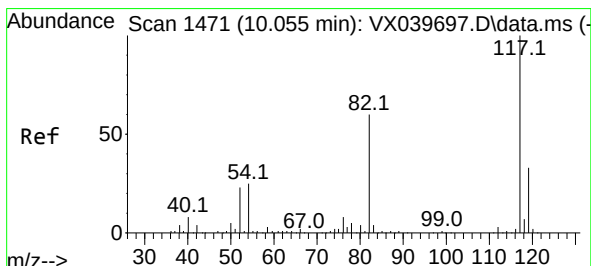
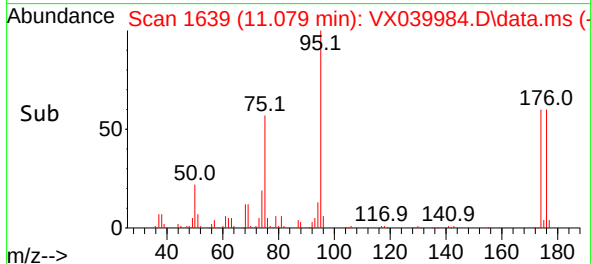
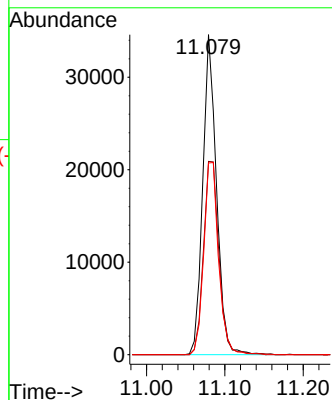
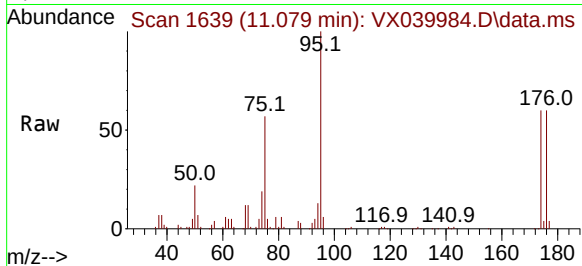




#62  
4-Bromofluorobenzene  
Concen: 48.146 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

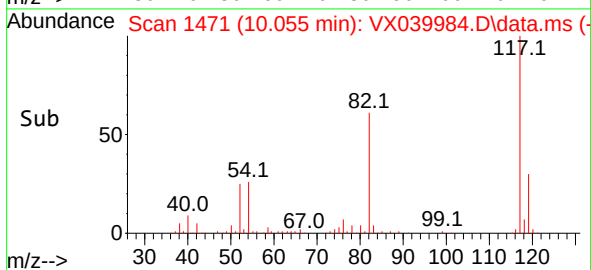
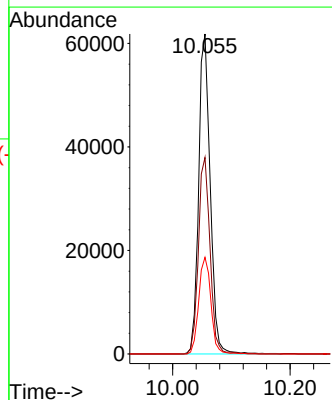
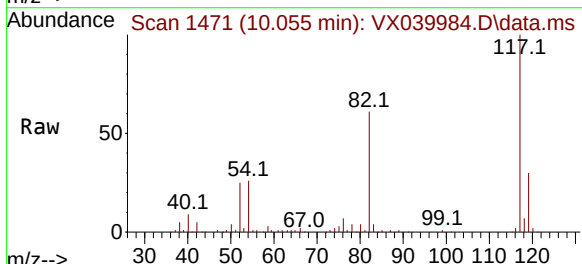
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-191-GW-523-525

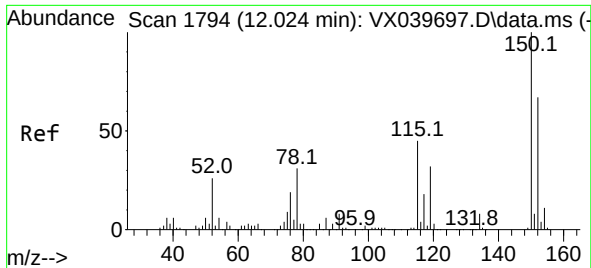
Tgt Ion: 95 Resp: 42123  
Ion Ratio Lower Upper  
95 100  
174 67.9 0.0 135.6  
176 65.0 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

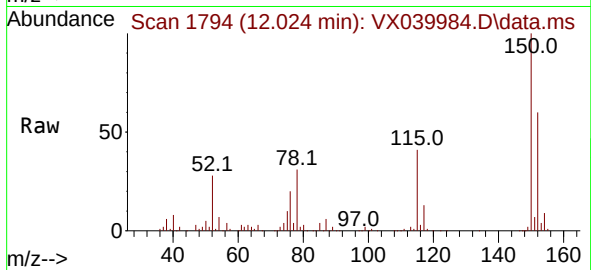
Tgt Ion: 117 Resp: 84066  
Ion Ratio Lower Upper  
117 100  
82 61.4 46.2 69.4  
119 30.2 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX039984.D  
 Acq: 26 Jan 2024 16:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-191-GW-523-525



Tgt Ion:152 Resp: 38756  
 Ion Ratio Lower Upper  
 152 100  
 115 68.7 43.3 129.9  
 150 162.2 0.0 345.0

