

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051023\  
 Data File : VX035582.D  
 Acq On : 10 May 2023 13:30  
 Operator : JC/MD  
 Sample : 02666-01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BU-02-050823

Quant Time: May 11 04:17:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 16:31:40 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 306924   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 491553   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 463315   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 229225   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 156586   | 42.288   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 84.580%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 148223   | 49.129   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.260%  |
| 50) Toluene-d8              | 8.647  | 98    | 574763   | 50.501   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 101.000% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 226012   | 52.789   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 105.580% |

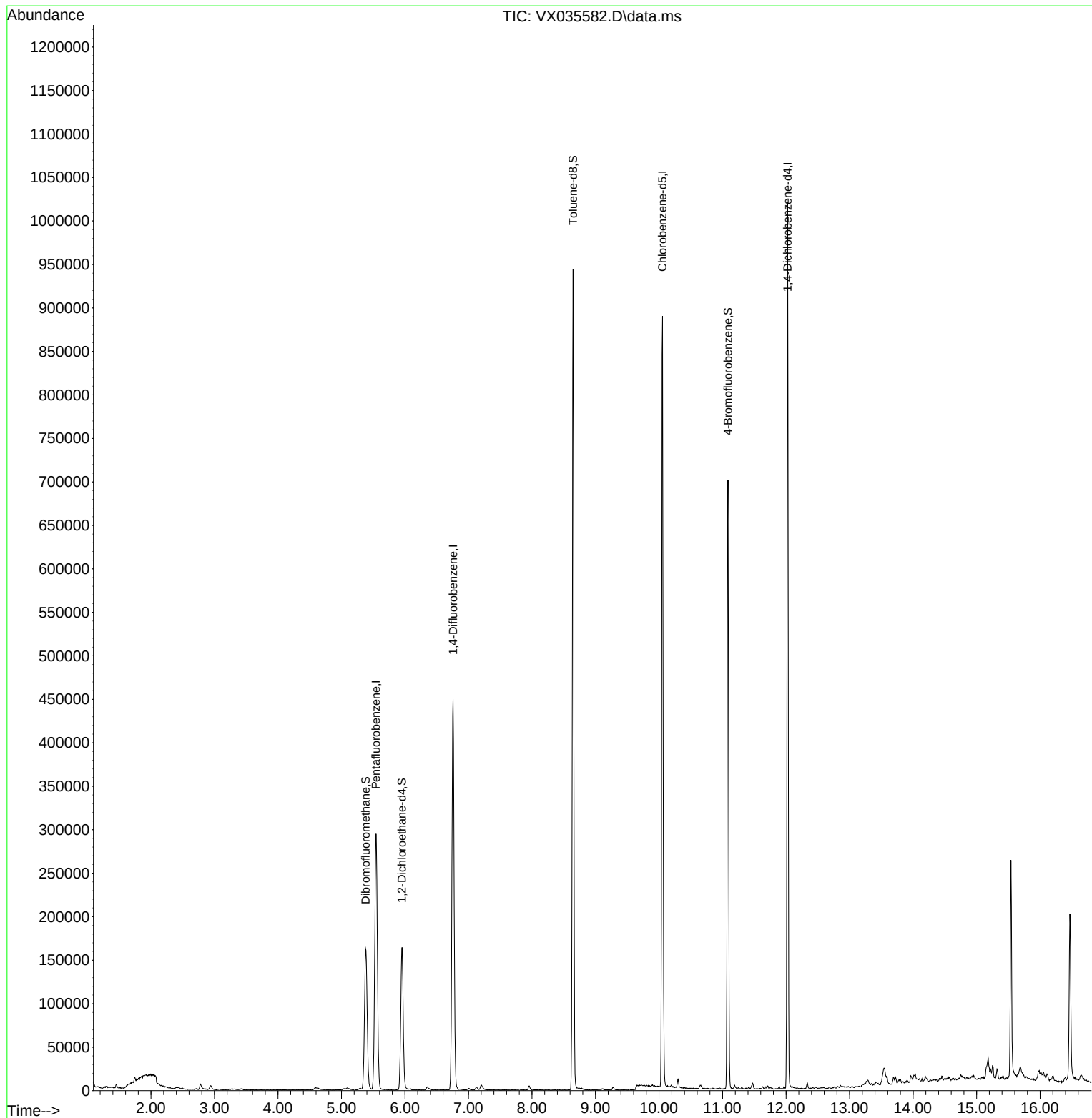
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

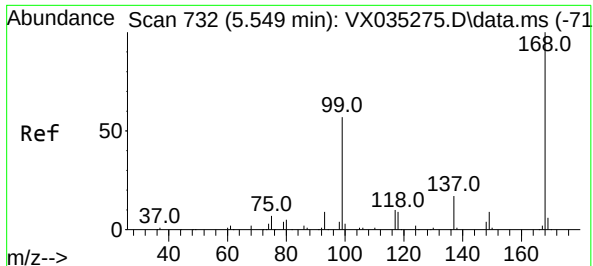
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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BU-02-050823

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 25 16:31:40 2023  
Response via : Initial Calibration

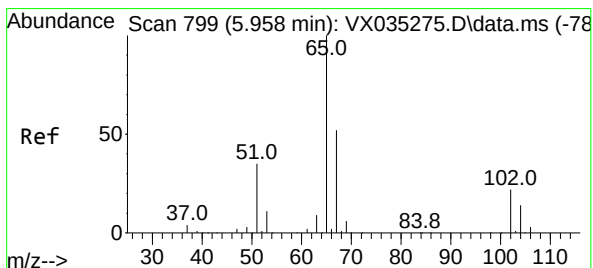
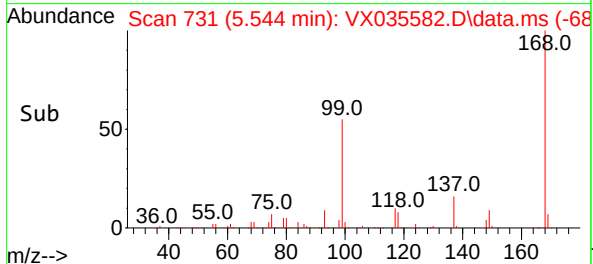
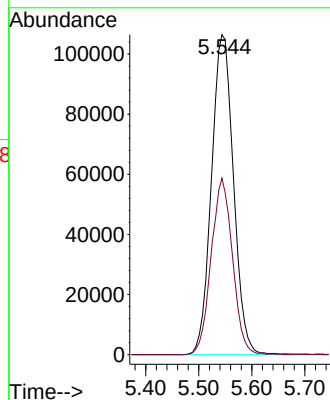
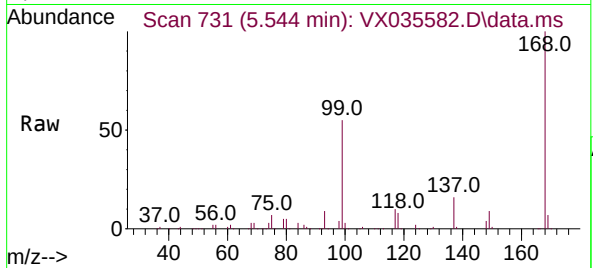




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.005 min  
Lab File: VX035582.D  
Acq: 10 May 2023 13:30

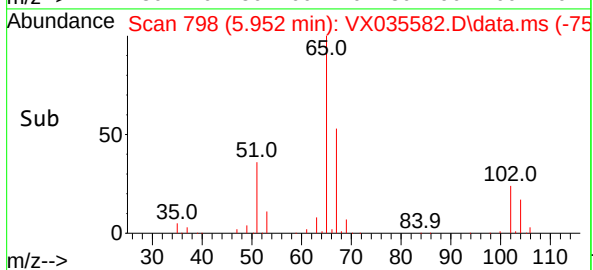
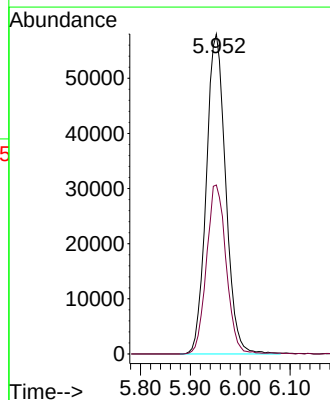
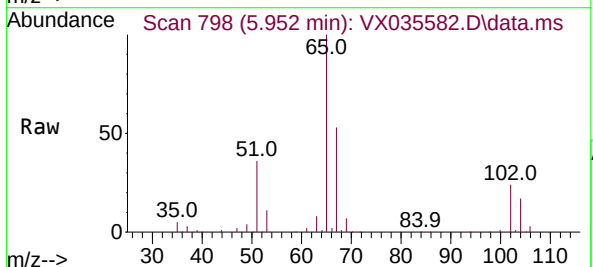
Instrument :  
MSVOA\_X  
ClientSampleId :  
BU-02-050823

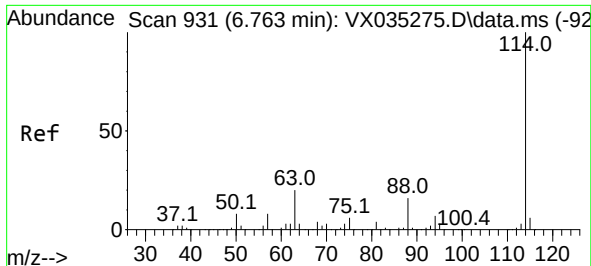
Tgt Ion:168 Resp: 306924  
Ion Ratio Lower Upper  
168 100  
99 55.1 45.7 68.5



#33  
1,2-Dichloroethane-d4  
Concen: 42.288 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX035582.D  
Acq: 10 May 2023 13:30

Tgt Ion: 65 Resp: 156586  
Ion Ratio Lower Upper  
65 100  
67 53.4 0.0 104.0

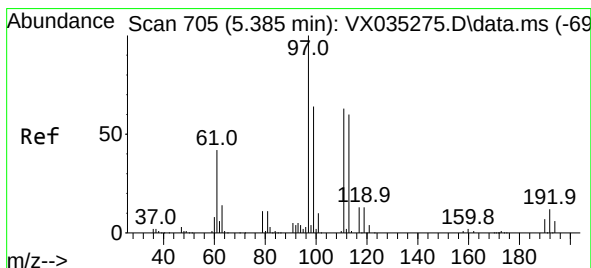
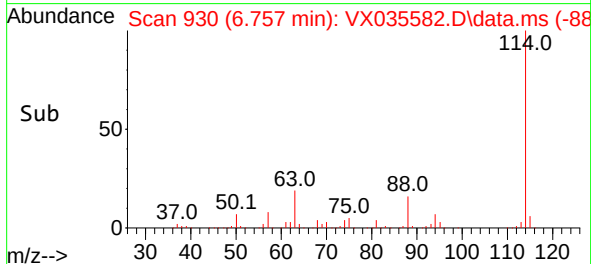
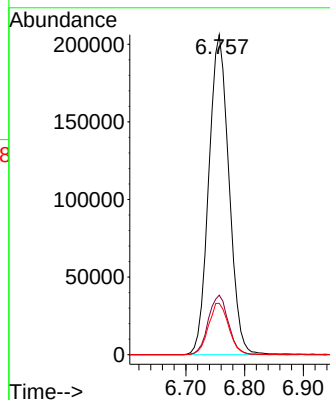
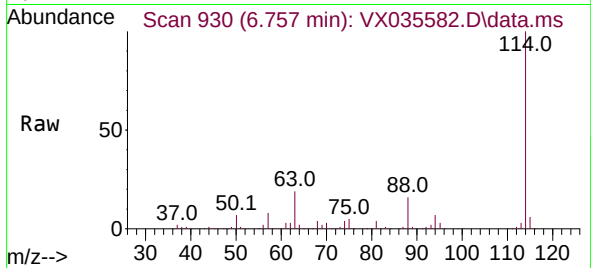




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX035582.D  
Acq: 10 May 2023 13:30

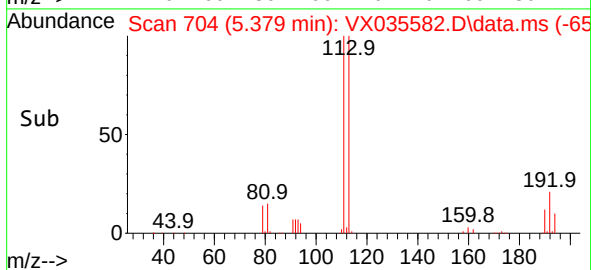
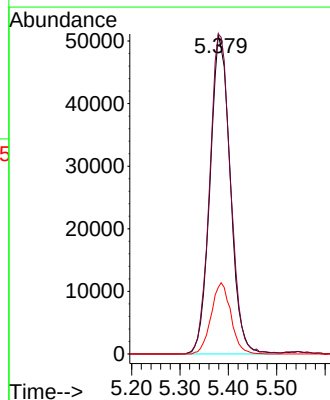
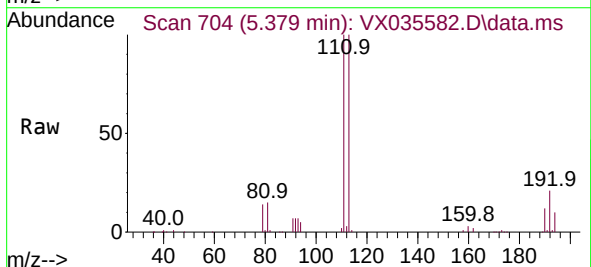
Instrument :  
MSVOA\_X  
ClientSampleId :  
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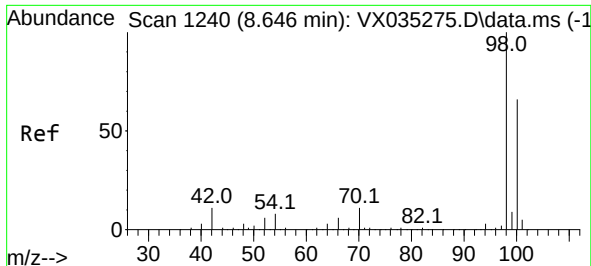
Tgt Ion:114 Resp: 491553  
Ion Ratio Lower Upper  
114 100  
63 18.6 0.0 42.2  
88 16.1 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 49.129 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX035582.D  
Acq: 10 May 2023 13:30

Tgt Ion:113 Resp: 148223  
Ion Ratio Lower Upper  
113 100  
111 103.2 83.7 125.5  
192 21.7 15.4 23.2

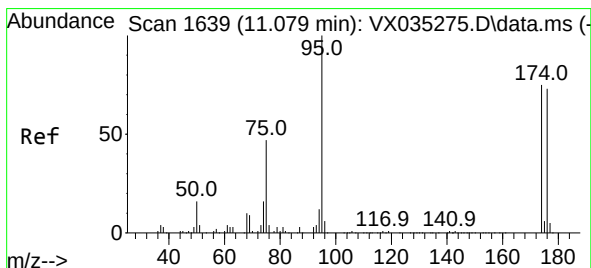
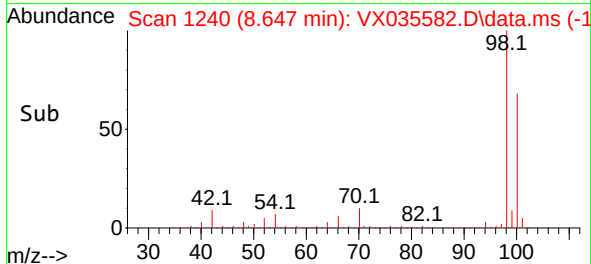
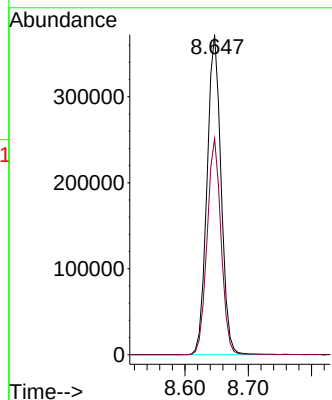
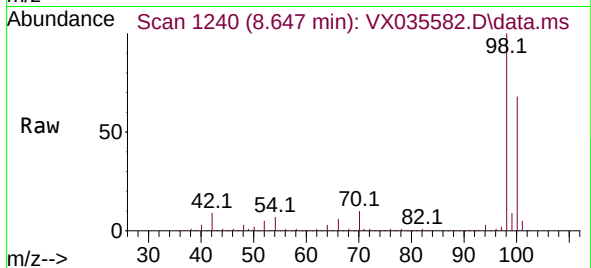




#50  
Toluene-d8  
Concen: 50.501 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX035582.D  
Acq: 10 May 2023 13:30

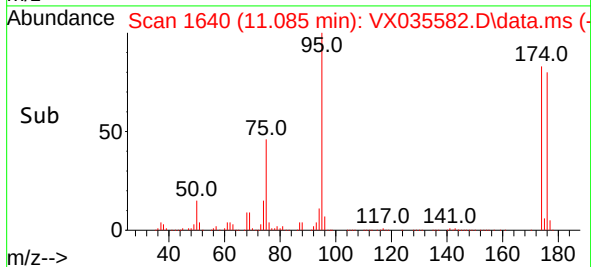
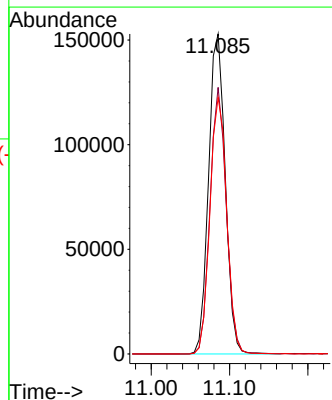
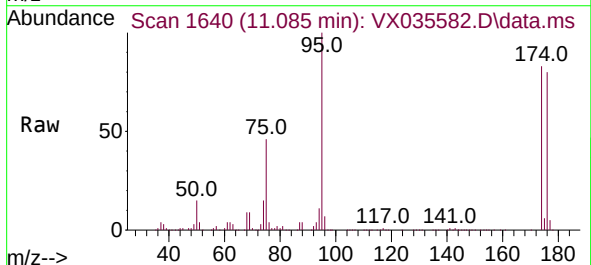
Instrument :  
MSVOA\_X  
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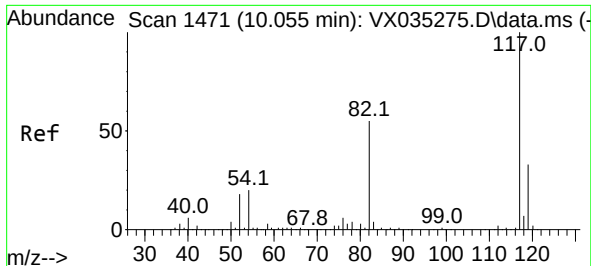
Tgt Ion: 98 Resp: 574763  
Ion Ratio Lower Upper  
98 100  
100 67.2 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 52.789 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX035582.D  
Acq: 10 May 2023 13:30

Tgt Ion: 95 Resp: 226012  
Ion Ratio Lower Upper  
95 100  
174 81.2 0.0 147.4  
176 80.7 0.0 140.6

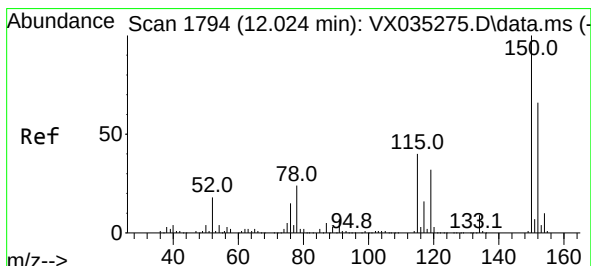
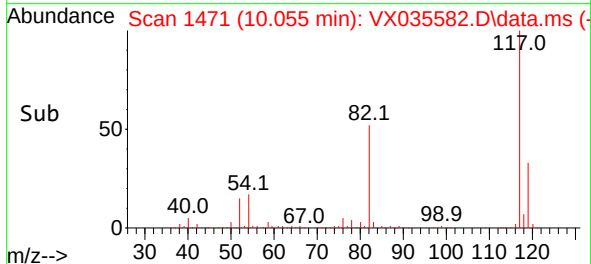
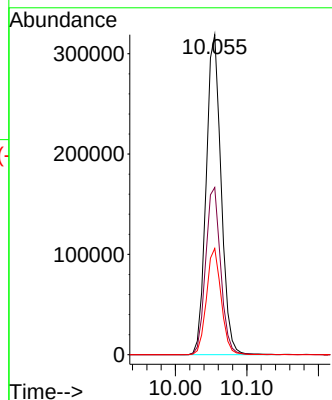
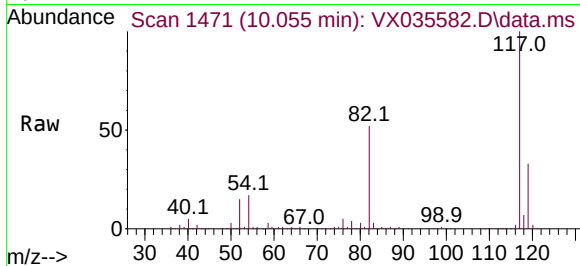




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX035582.D  
Acq: 10 May 2023 13:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
BU-02-050823

Tgt Ion:117 Resp: 463315  
Ion Ratio Lower Upper  
117 100  
82 52.2 45.0 67.4  
119 33.2 26.0 39.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX035582.D  
Acq: 10 May 2023 13:30

Tgt Ion:152 Resp: 229225  
Ion Ratio Lower Upper  
152 100  
115 57.9 45.0 135.0  
150 157.2 0.0 352.4

