

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050124\  
 Data File : VX041321.D  
 Acq On : 01 May 2024 13:12  
 Operator : JC/MD  
 Sample : P2264-11  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FB-042324-01

Quant Time: May 02 03:08:56 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 01 02:38:17 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.550  | 168   | 185128   | 50.000   | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 245492   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 210518   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 99038    | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 95138    | 47.206   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 94.420%   |
| 35) Dibromofluoromethane    | 5.385  | 113   | 82615    | 49.660   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 99.320%   |
| 50) Toluene-d8              | 8.647  | 98    | 305946   | 58.104   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 116.200%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 91587    | 44.933   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 89.860%   |

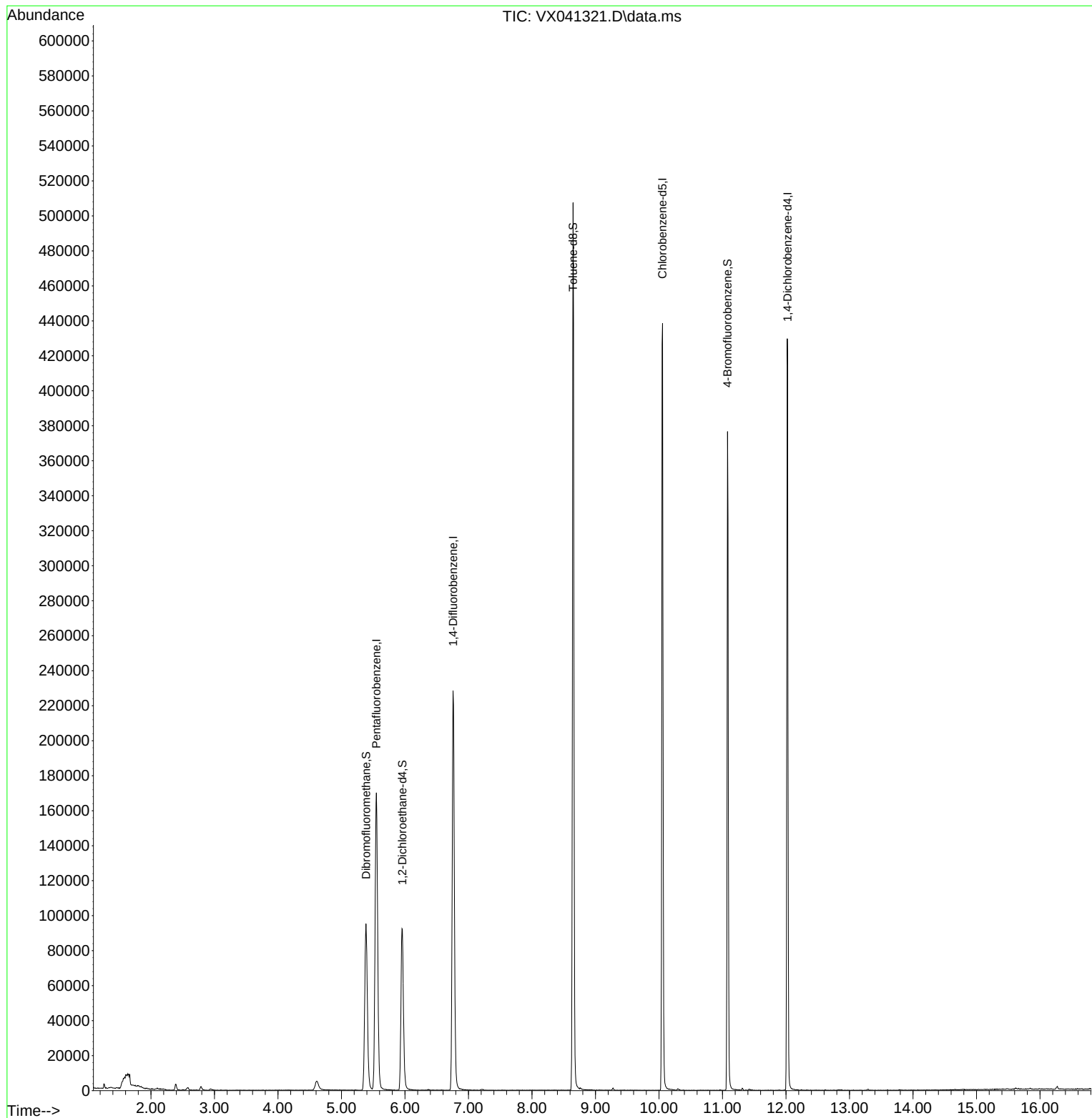
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

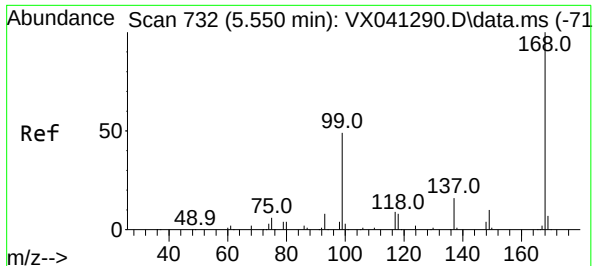
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed May 01 02:38:17 2024  
Response via : Initial Calibration





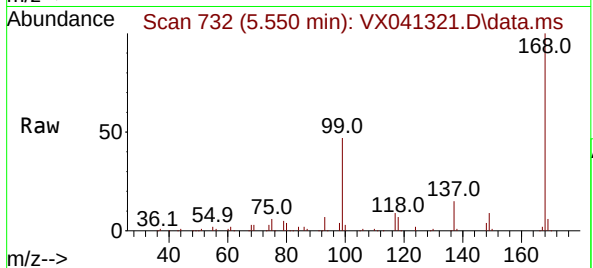
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX041321.D  
Acq: 01 May 2024 13:12

Instrument :

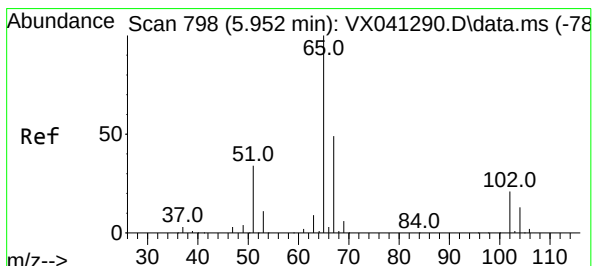
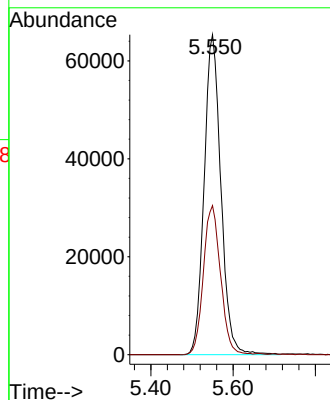
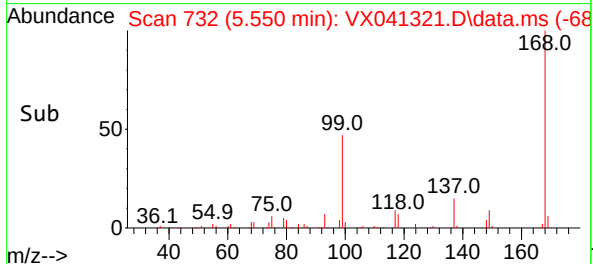
MSVOA\_X

ClientSampleId :

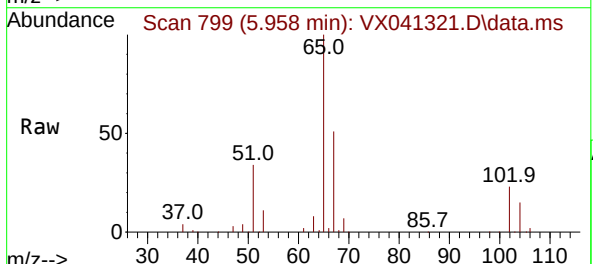
FB-042324-01



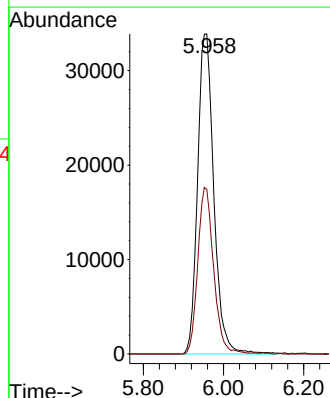
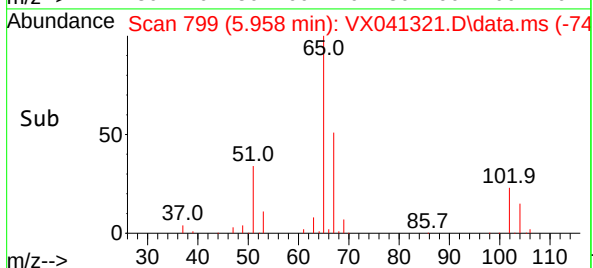
Tgt Ion:168 Resp: 185128  
Ion Ratio Lower Upper  
168 100  
99 46.6 56.6 85.0#

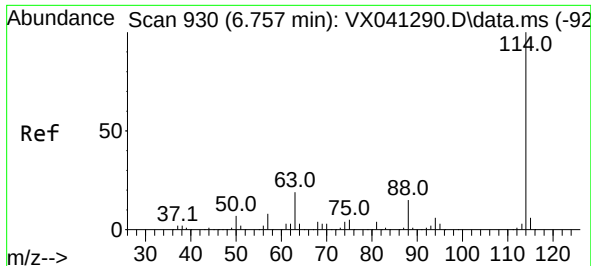


#33  
1,2-Dichloroethane-d4  
Concen: 47.206 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX041321.D  
Acq: 01 May 2024 13:12



Tgt Ion: 65 Resp: 95138  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 100.2

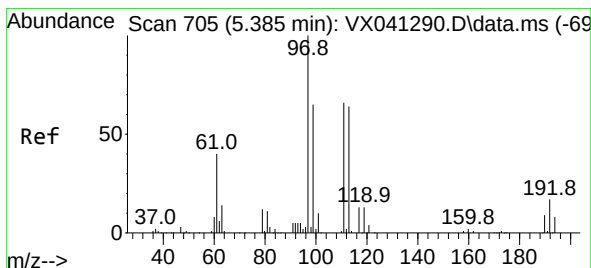
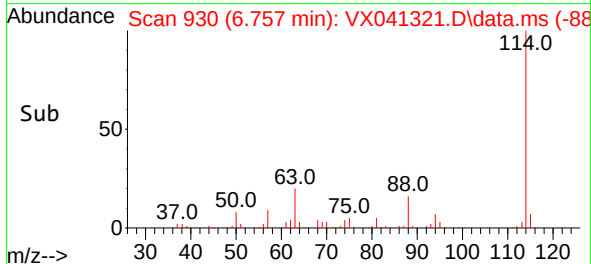
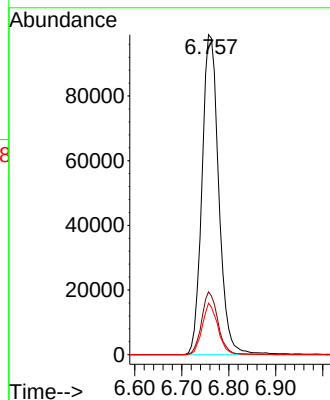
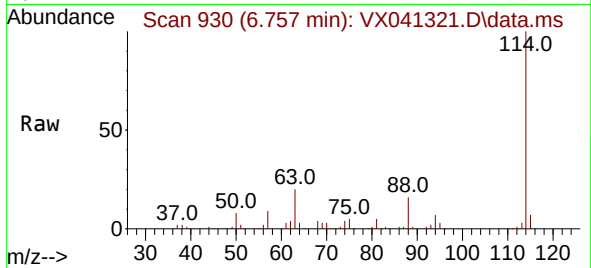




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX041321.D  
Acq: 01 May 2024 13:12

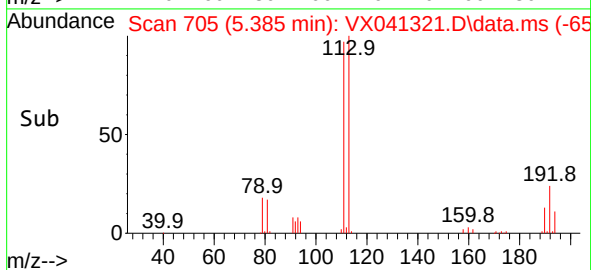
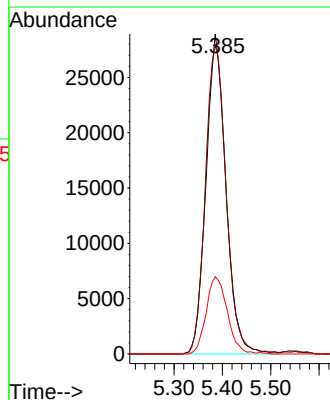
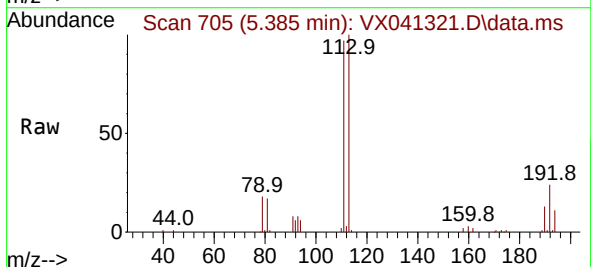
Instrument :  
MSVOA\_X  
ClientSampleId :  
FB-042324-01

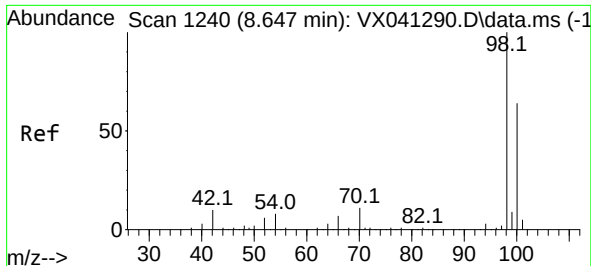
Tgt Ion:114 Resp: 245492  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 45.0  
88 16.1 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 49.660 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX041321.D  
Acq: 01 May 2024 13:12

Tgt Ion:113 Resp: 82615  
Ion Ratio Lower Upper  
113 100  
111 100.9 82.9 124.3  
192 25.5 13.3 19.9#

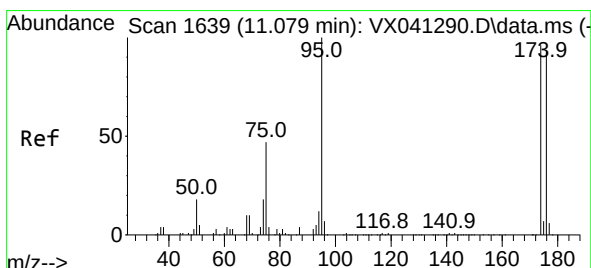
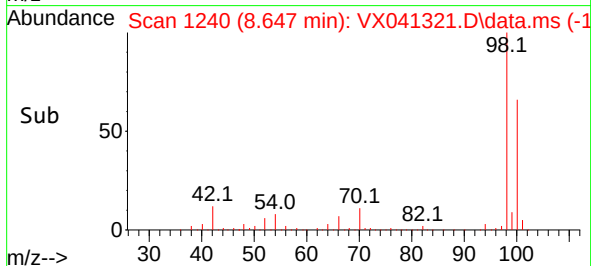
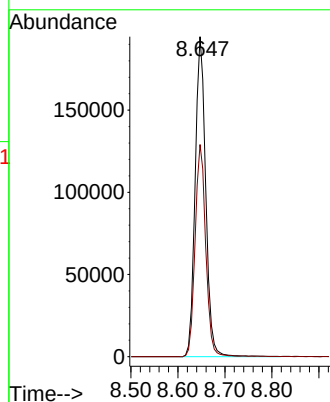
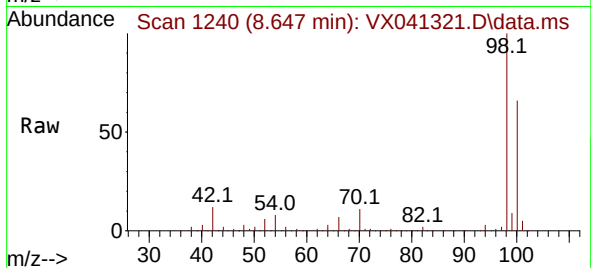




#50  
Toluene-d8  
Concen: 58.104 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX041321.D  
Acq: 01 May 2024 13:12

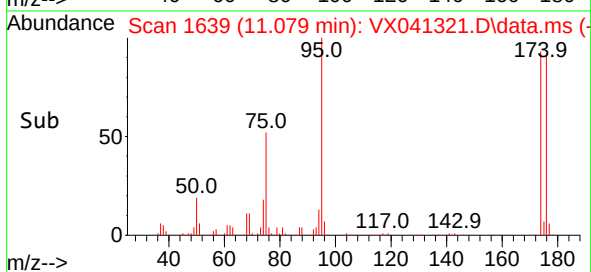
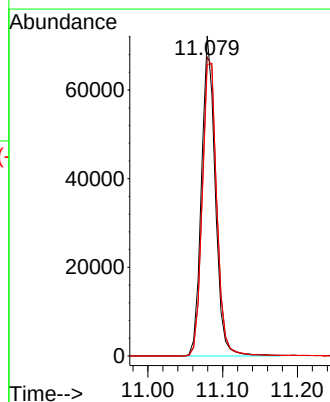
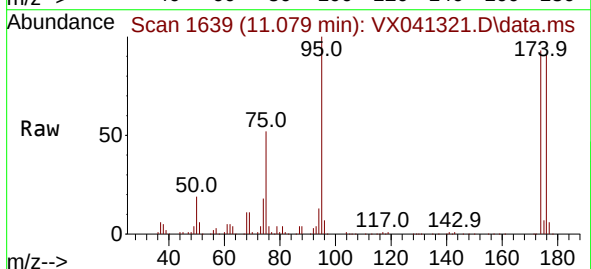
Instrument :  
MSVOA\_X  
ClientSampleId :  
FB-042324-01

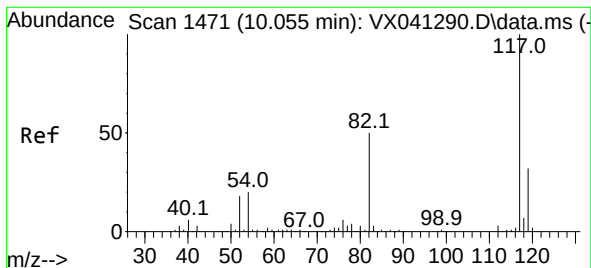
Tgt Ion: 98 Resp: 305946  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 44.933 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX041321.D  
Acq: 01 May 2024 13:12

Tgt Ion: 95 Resp: 91587  
Ion Ratio Lower Upper  
95 100  
174 99.1 0.0 135.6  
176 97.7 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: VX041321.D

Acq: 01 May 2024 13:12

Instrument :

MSVOA\_X

ClientSampleId :

FB-042324-01

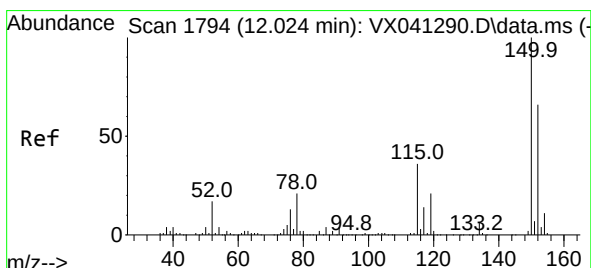
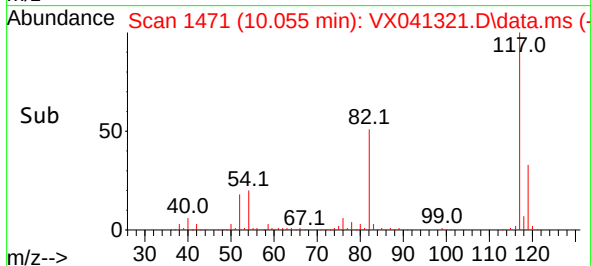
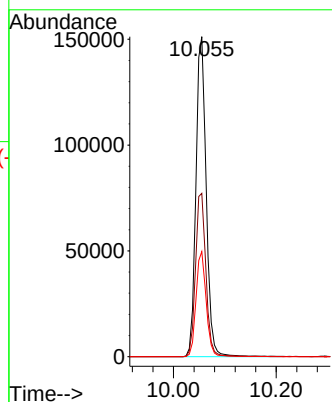
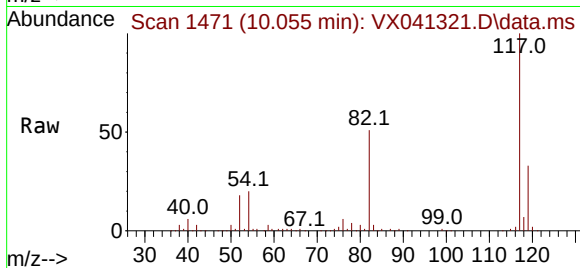
Tgt Ion:117 Resp: 210518

Ion Ratio Lower Upper

117 100

82 51.0 46.2 69.4

119 32.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041321.D

Acq: 01 May 2024 13:12

Tgt Ion:152 Resp: 99038

Ion Ratio Lower Upper

152 100

115 53.8 43.3 129.9

150 154.4 0.0 345.0

