

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042324\  
 Data File : VX041213.D  
 Acq On : 23 Apr 2024 13:50  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Apr 24 01:46:51 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042224W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 23 05:30:28 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------------|----------|
| -----                       |        |       |          |          |             |          |
| Internal Standards          |        |       |          |          |             |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 178778   | 50.000   | ug/l        | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 286893   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 221684   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 121740   | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 101023   | 59.361   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 118.720%# |          |
| 35) Dibromofluoromethane    | 5.379  | 113   | 81508    | 46.706   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 93.420%   |          |
| 50) Toluene-d8              | 8.647  | 98    | 274884   | 46.686   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 93.380%   |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 112402   | 51.721   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 103.440%  |          |

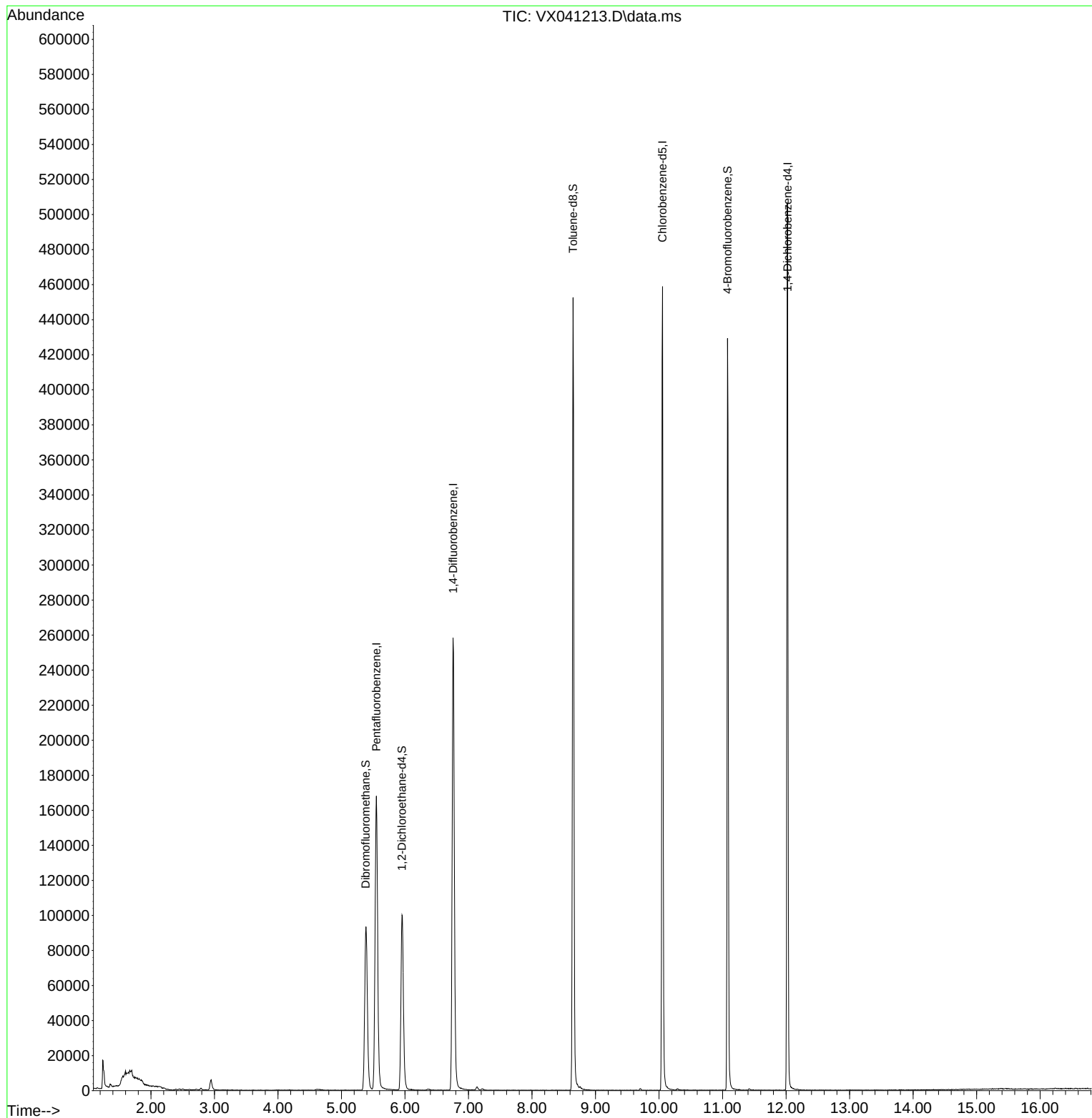
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

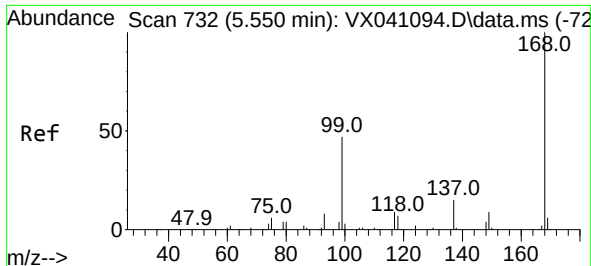
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Apr 23 05:30:28 2024  
Response via : Initial Calibration

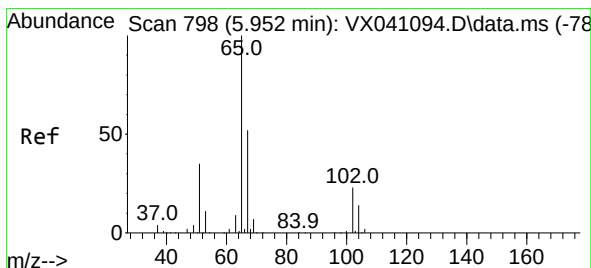
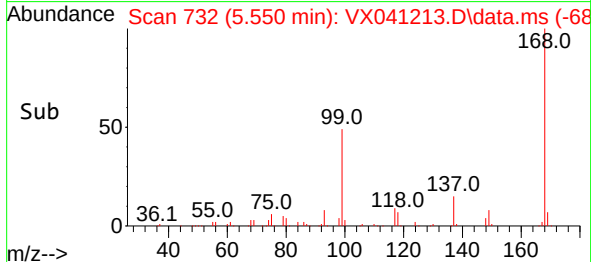
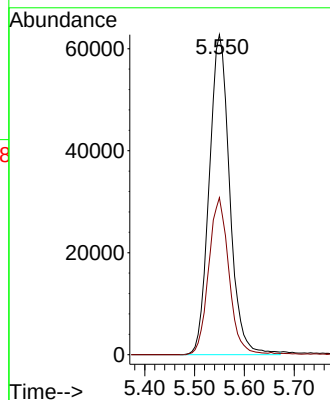
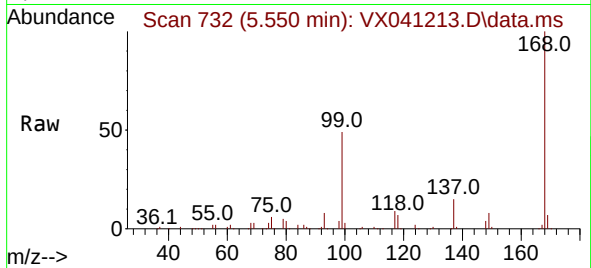




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX041213.D  
Acq: 23 Apr 2024 13:50

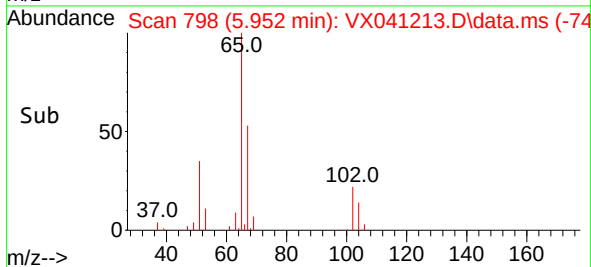
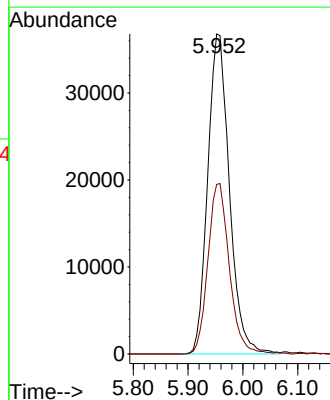
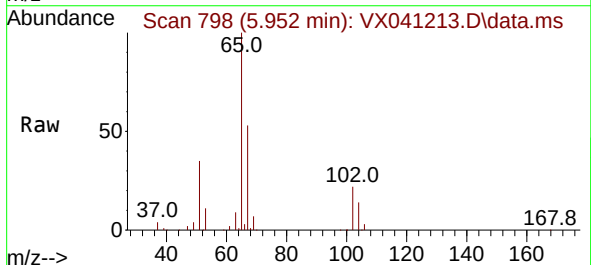
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

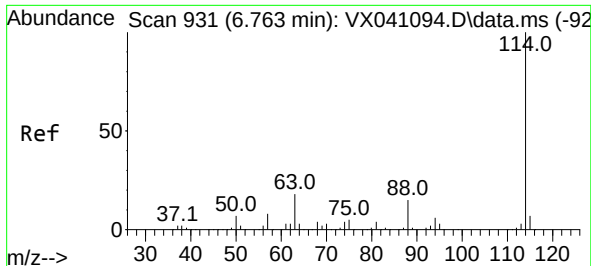
Tgt Ion:168 Resp: 178778  
Ion Ratio Lower Upper  
168 100  
99 49.1 56.6 85.0#



#33  
1,2-Dichloroethane-d4  
Concen: 59.361 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX041213.D  
Acq: 23 Apr 2024 13:50

Tgt Ion: 65 Resp: 101023  
Ion Ratio Lower Upper  
65 100  
67 52.5 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: VX041213.D

Acq: 23 Apr 2024 13:50

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

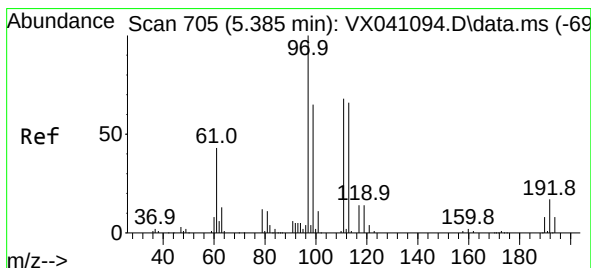
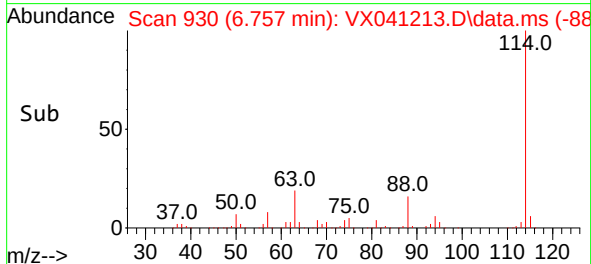
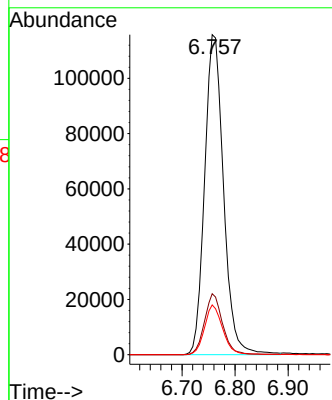
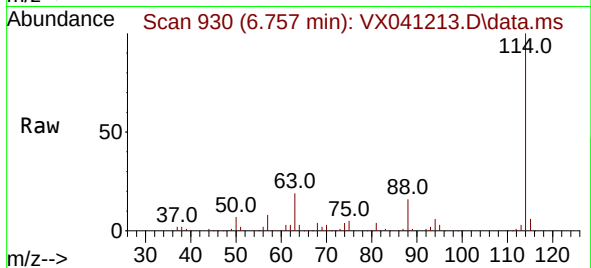
Tgt Ion:114 Resp: 286893

Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 15.6 0.0 36.6



#35

Dibromofluoromethane

Concen: 46.706 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX041213.D

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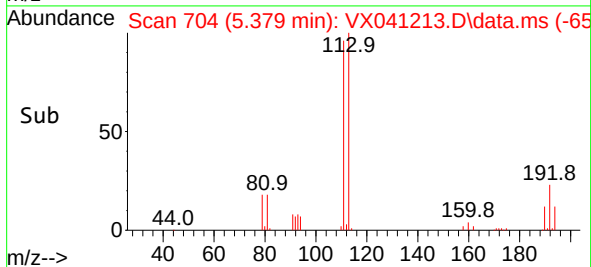
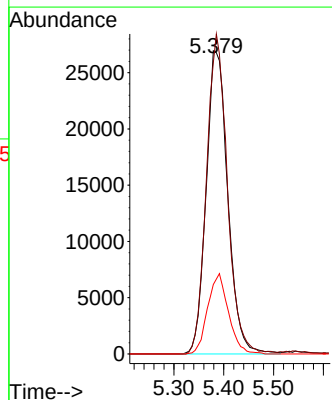
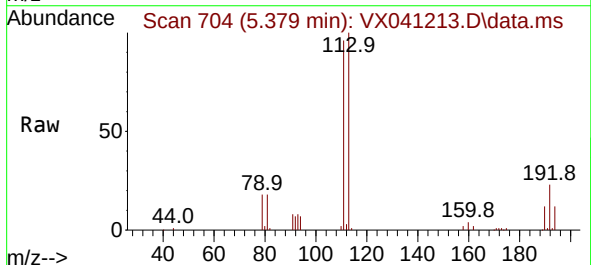
Tgt Ion:113 Resp: 81508

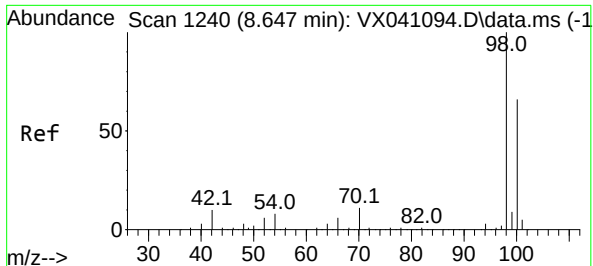
Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 25.3 13.3 19.9#

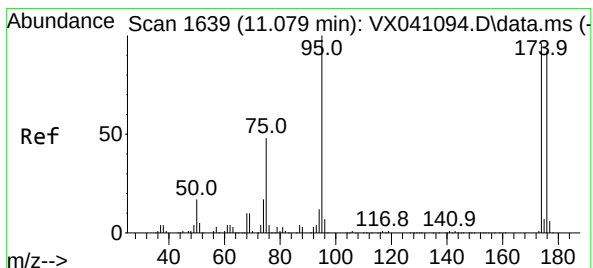
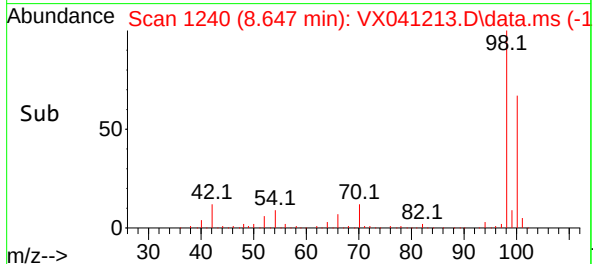
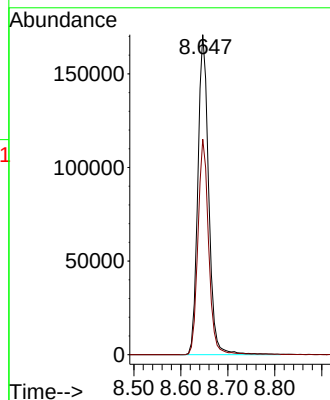
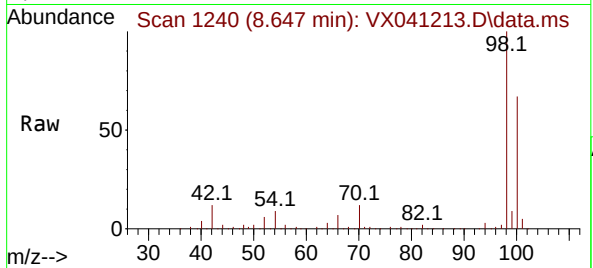




#50  
Toluene-d8  
Concen: 46.686 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX041213.D  
Acq: 23 Apr 2024 13:50

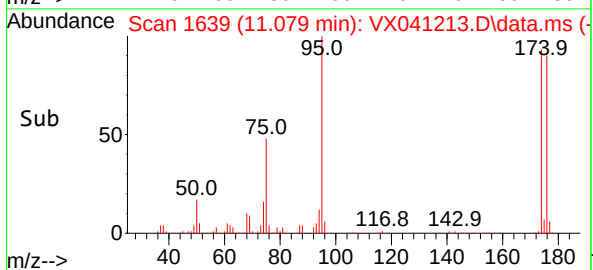
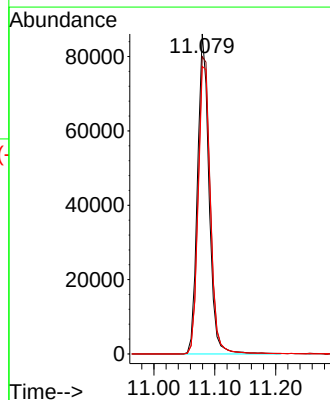
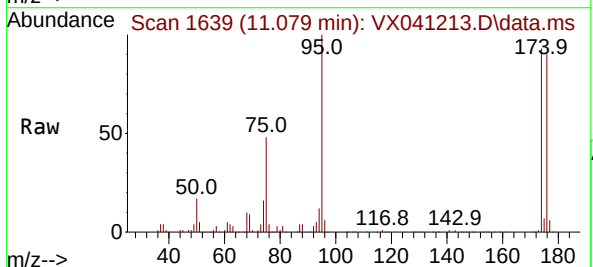
Instrument :  
MSVOA\_X  
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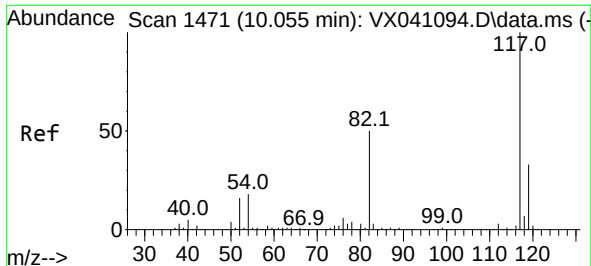
Tgt Ion: 98 Resp: 274884  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 51.721 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX041213.D  
Acq: 23 Apr 2024 13:50

Tgt Ion: 95 Resp: 112402  
Ion Ratio Lower Upper  
95 100  
174 99.4 0.0 135.6  
176 95.8 0.0 131.0

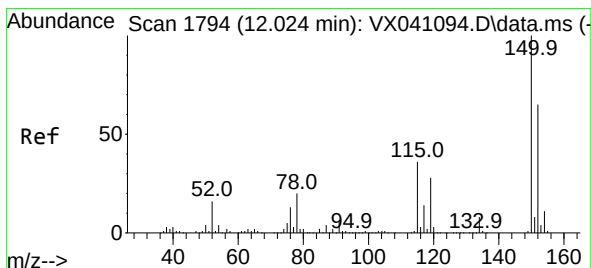
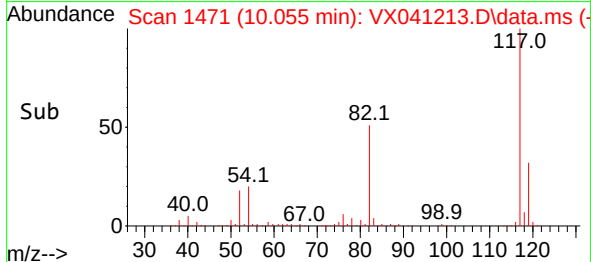
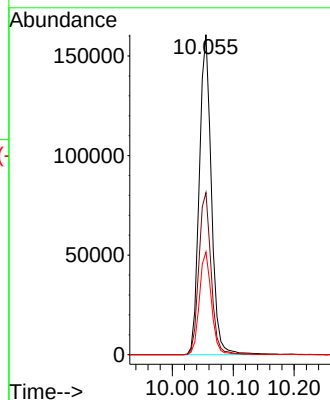
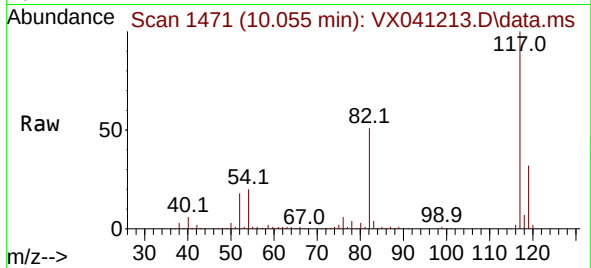




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX041213.D  
Acq: 23 Apr 2024 13:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 221684  
Ion Ratio Lower Upper  
117 100  
82 50.6 46.2 69.4  
119 32.1 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: VX041213.D  
Acq: 23 Apr 2024 13:50

Tgt Ion:152 Resp: 121740  
Ion Ratio Lower Upper  
152 100  
115 52.9 43.3 129.9  
150 156.4 0.0 345.0

