

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110723\  
 Data File : VX038639.D  
 Acq On : 07 Nov 2023 18:02  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Nov 08 03:22:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 08 03:19:07 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 266505   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 433137   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 440487   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 245888   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 151533   | 45.671   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 91.340%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 141447   | 45.342   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 90.680%  |
| 50) Toluene-d8              | 8.647  | 98    | 512203   | 45.884   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 91.760%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 214155   | 49.480   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 98.960%  |

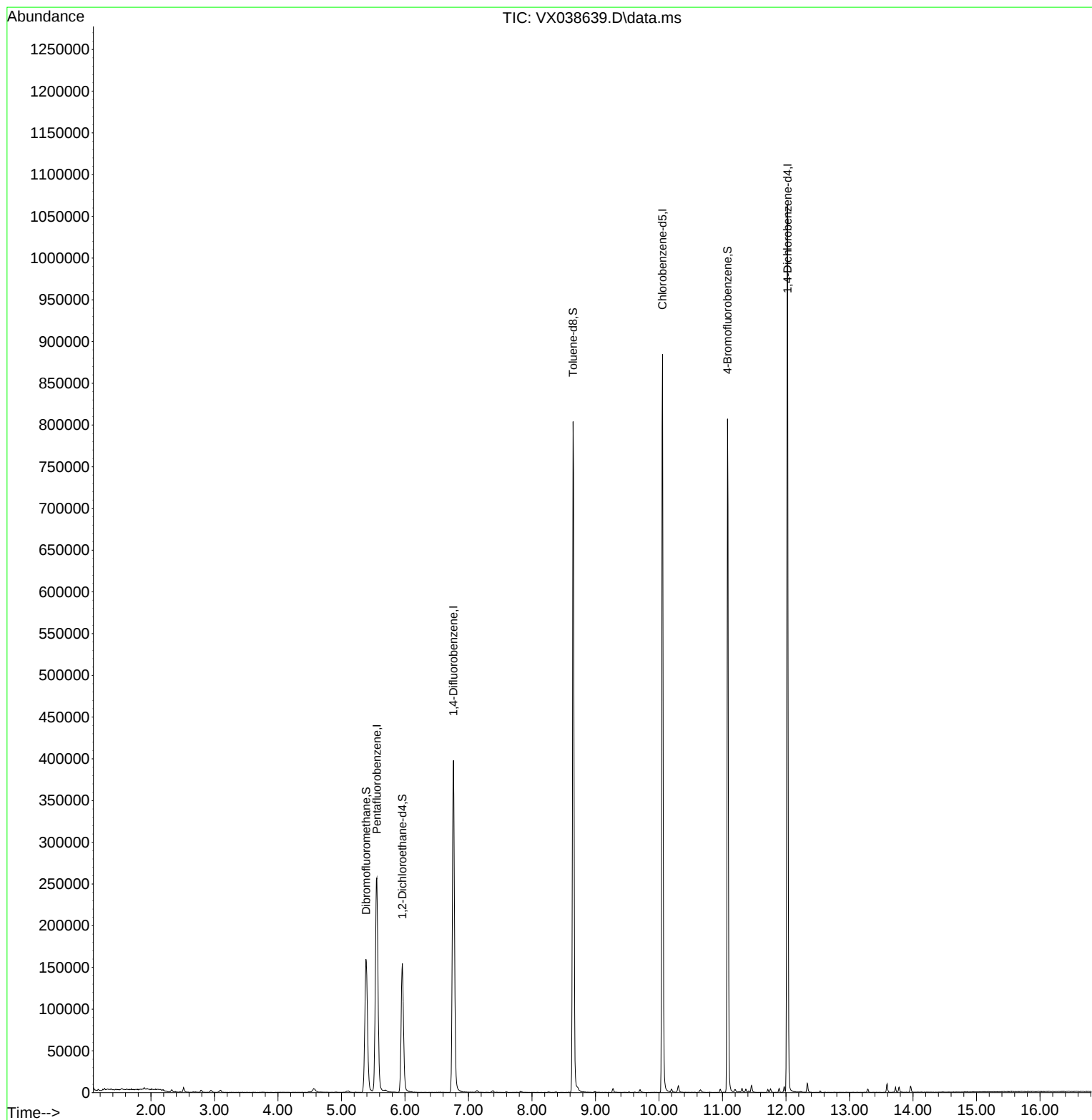
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

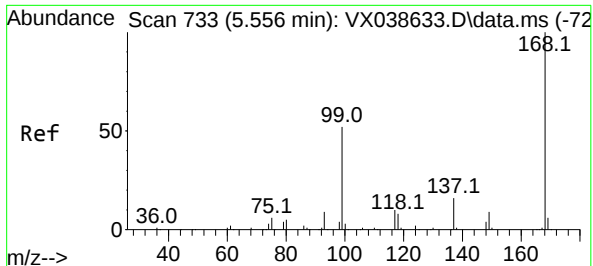
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 08 03:19:07 2023  
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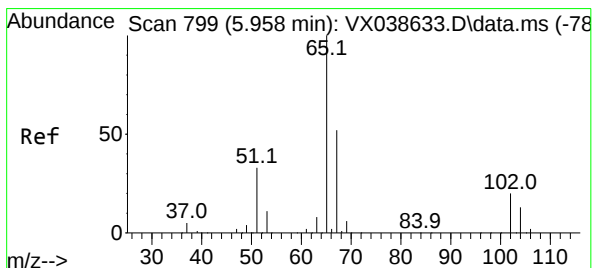
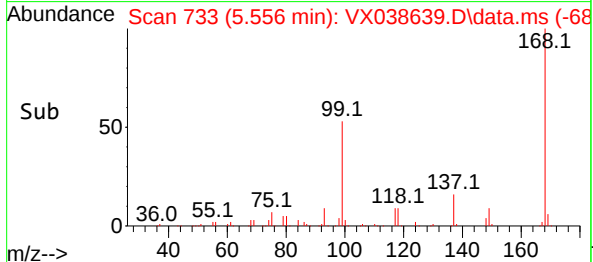
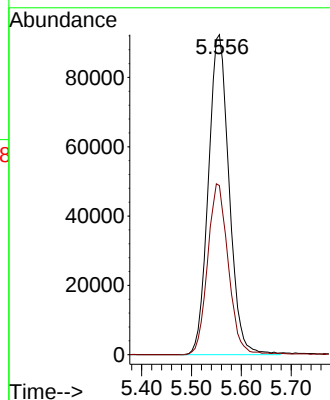
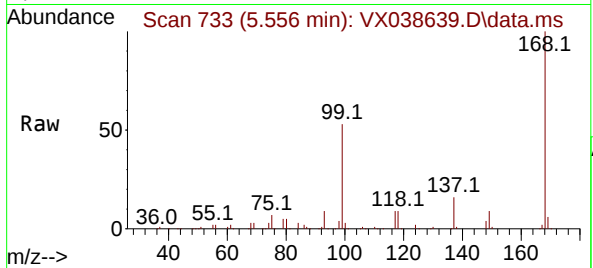




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX038639.D  
Acq: 07 Nov 2023 18:02

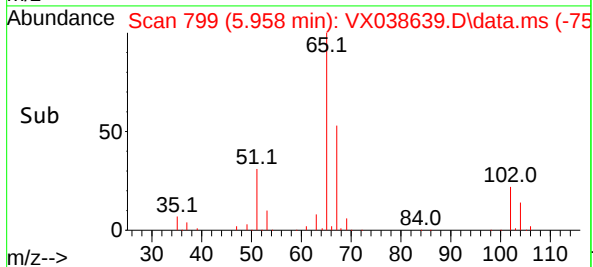
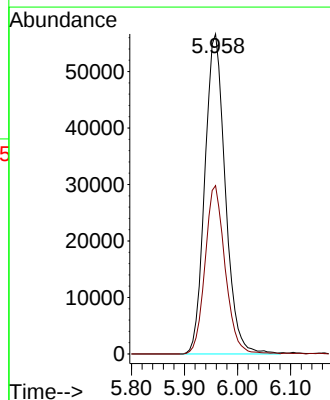
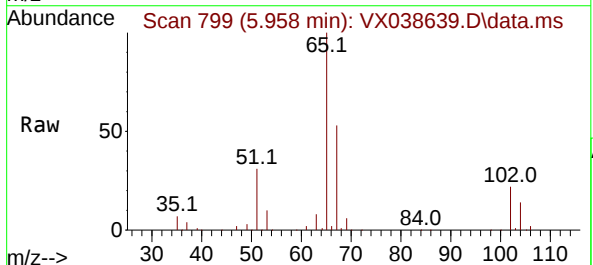
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

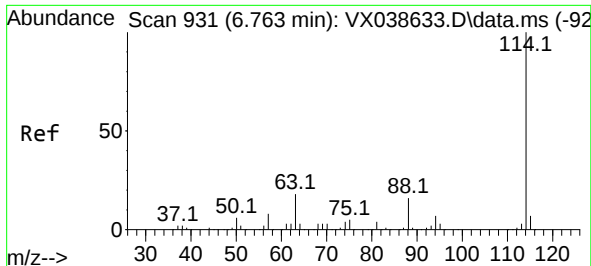
Tgt Ion:168 Resp: 266505  
Ion Ratio Lower Upper  
168 100  
99 52.9 56.6 85.0#



#33  
1,2-Dichloroethane-d4  
Concen: 45.671 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX038639.D  
Acq: 07 Nov 2023 18:02

Tgt Ion: 65 Resp: 151533  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX038639.D

Acq: 07 Nov 2023 18:02

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

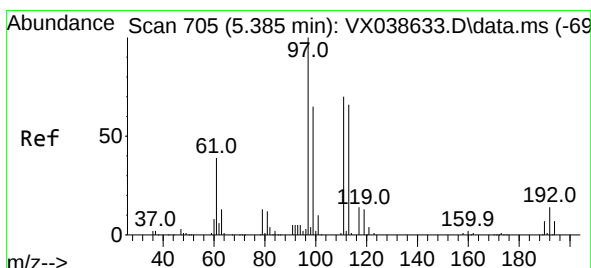
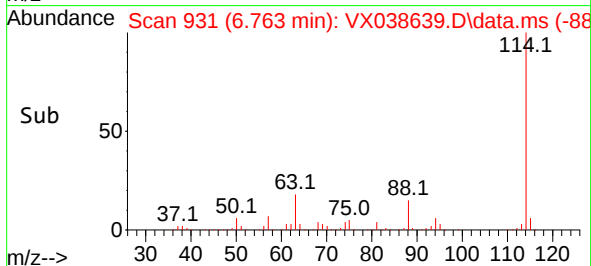
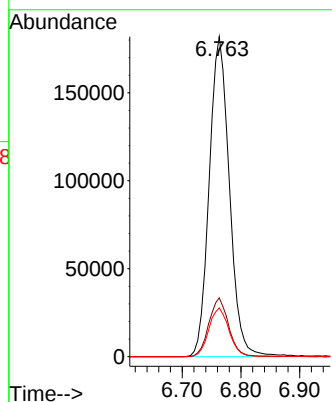
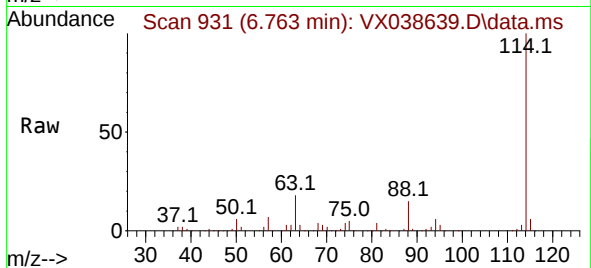
Tgt Ion:114 Resp: 433137

Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

88 15.3 0.0 36.6



#35

Dibromofluoromethane

Concen: 45.342 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038639.D

Acq: 07 Nov 2023 18:02

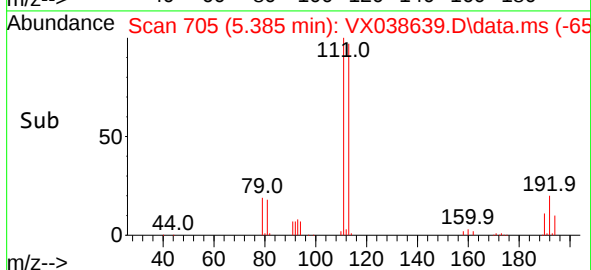
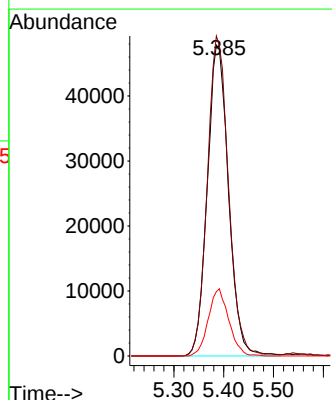
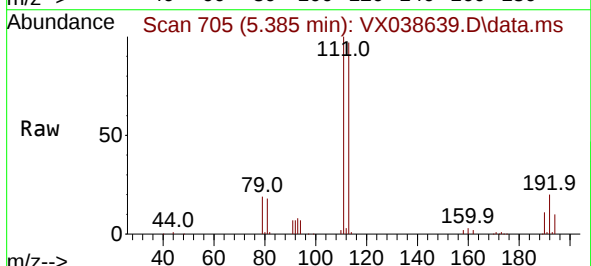
Tgt Ion:113 Resp: 141447

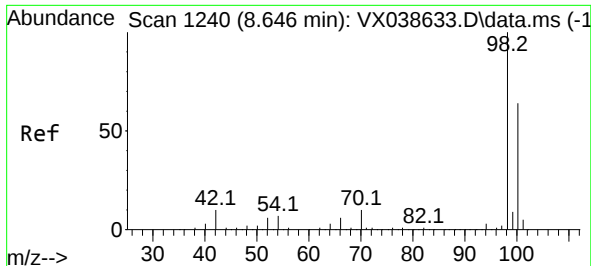
Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 20.9 13.3 19.9#

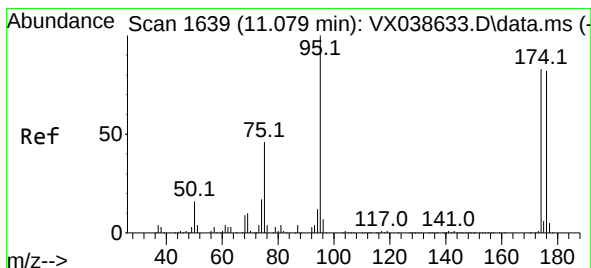
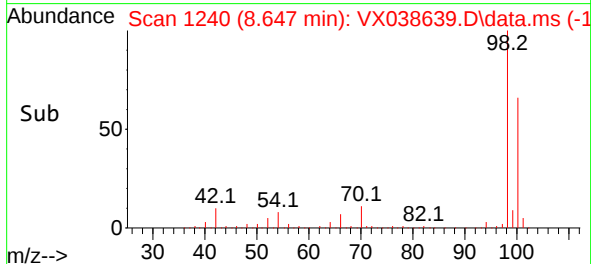
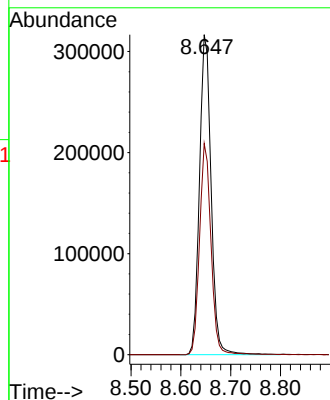
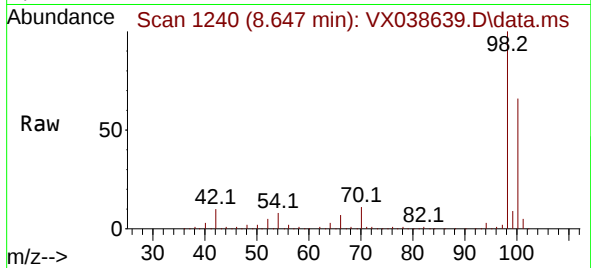




#50  
Toluene-d8  
Concen: 45.884 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038639.D  
Acq: 07 Nov 2023 18:02

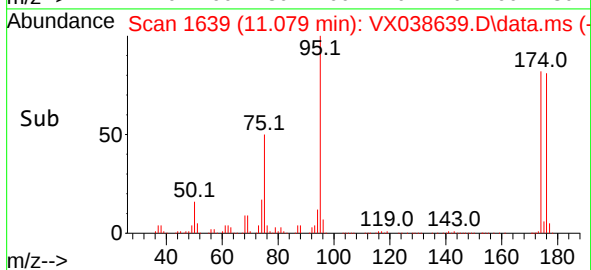
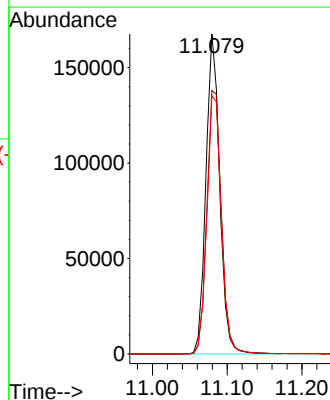
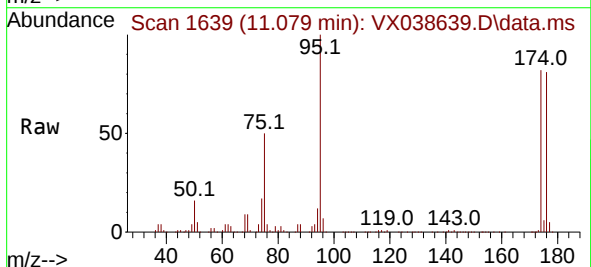
Instrument :  
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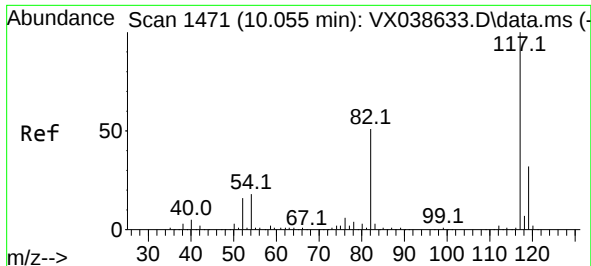
Tgt Ion: 98 Resp: 512203  
Ion Ratio Lower Upper  
98 100  
100 65.1 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 49.480 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038639.D  
Acq: 07 Nov 2023 18:02

Tgt Ion: 95 Resp: 214155  
Ion Ratio Lower Upper  
95 100  
174 87.7 0.0 135.6  
176 85.2 0.0 131.0

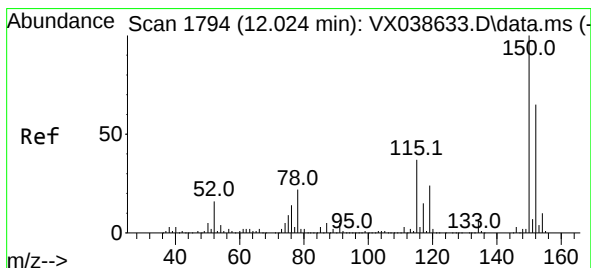
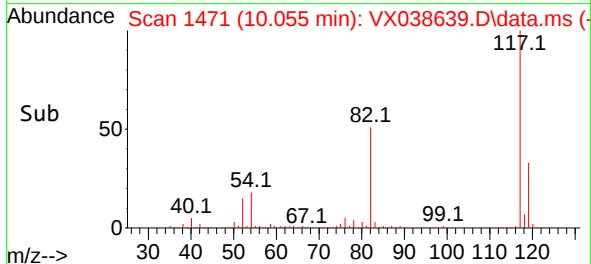
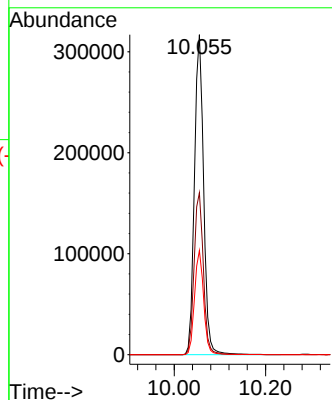
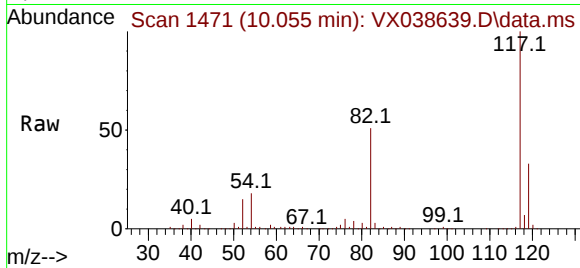




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038639.D  
Acq: 07 Nov 2023 18:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 440487  
Ion Ratio Lower Upper  
117 100  
82 50.6 46.2 69.4  
119 32.5 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: VX038639.D  
Acq: 07 Nov 2023 18:02

Tgt Ion:152 Resp: 245888  
Ion Ratio Lower Upper  
152 100  
115 57.6 43.3 129.9  
150 157.7 0.0 345.0

