

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102023\  
 Data File : VX038411.D  
 Acq On : 20 Oct 2023 18:35  
 Operator : JC/MD  
 Sample : 04987-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-4

Quant Time: Oct 21 01:49:14 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 125302   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 225730   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 225385   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 115339   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 88143    | 43.735   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 87.460%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 73777    | 45.359   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 90.720%  |
| 50) Toluene-d8              | 8.646  | 98    | 278809   | 44.858   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 89.720%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 103572   | 43.955   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 87.920%  |

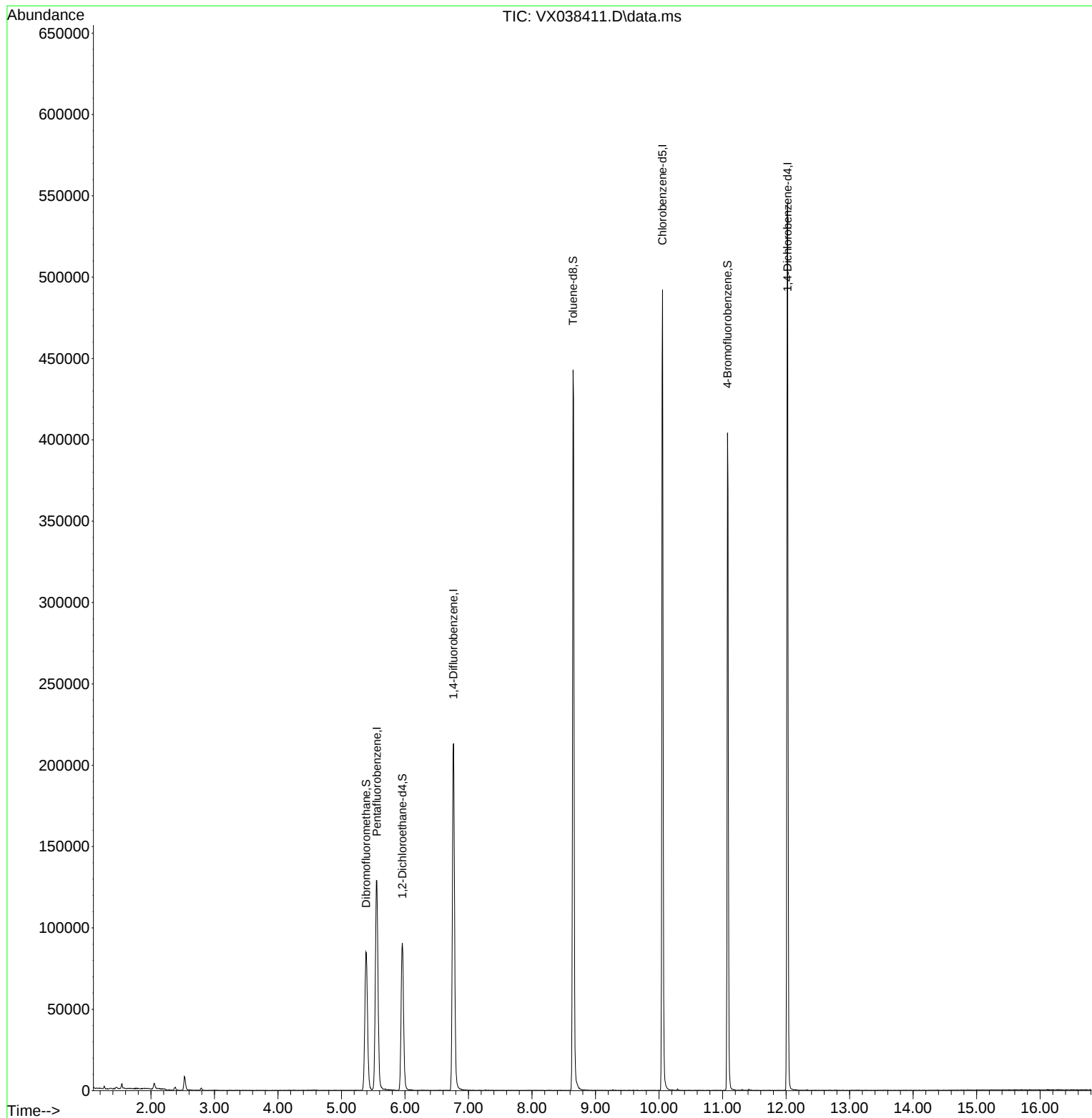
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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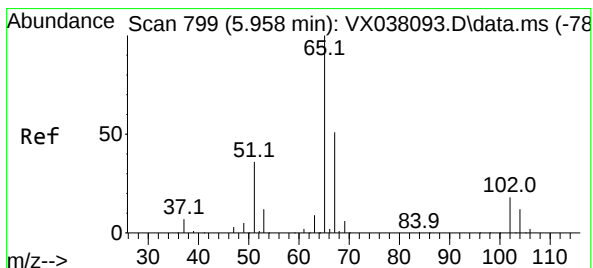
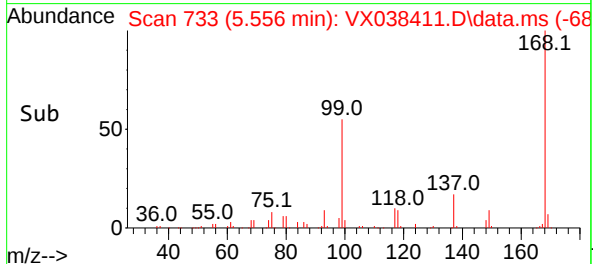
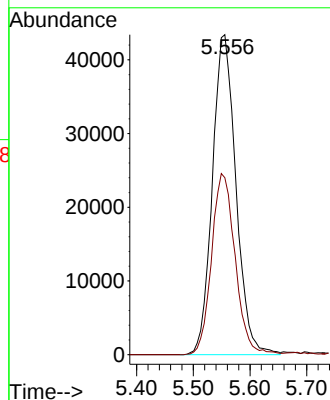
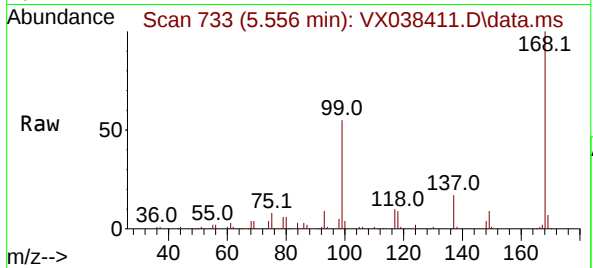




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038411.D  
Acq: 20 Oct 2023 18:35

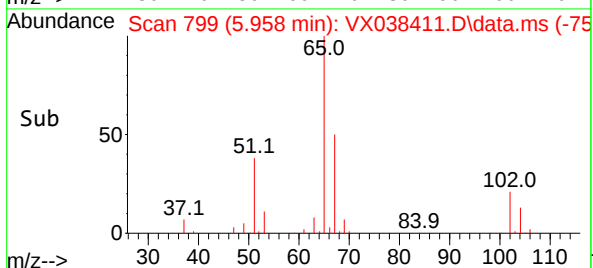
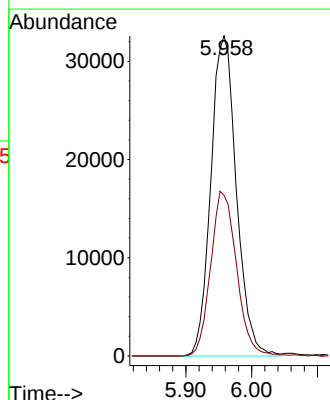
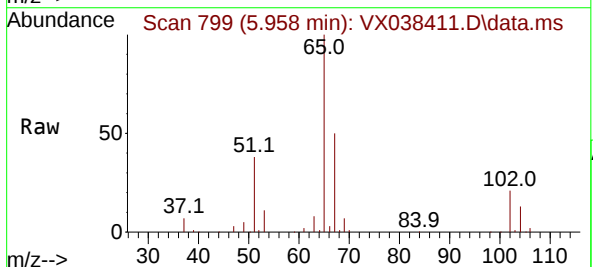
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

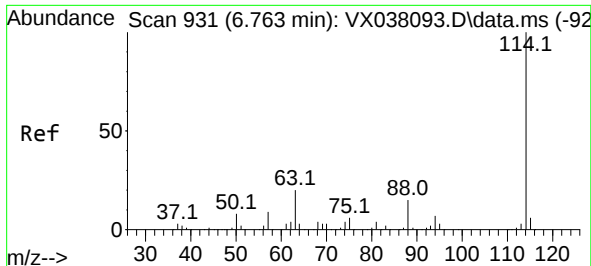
Tgt Ion:168 Resp: 125302  
Ion Ratio Lower Upper  
168 100  
99 55.3 56.6 85.0#



#33  
1,2-Dichloroethane-d4  
Concen: 43.735 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX038411.D  
Acq: 20 Oct 2023 18:35

Tgt Ion: 65 Resp: 88143  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 100.2

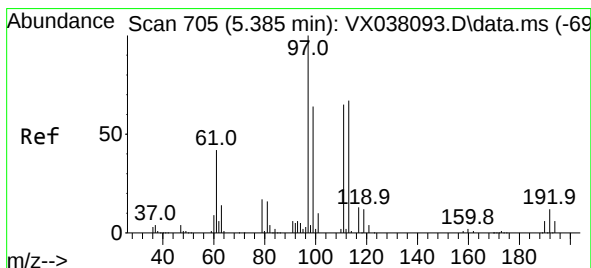
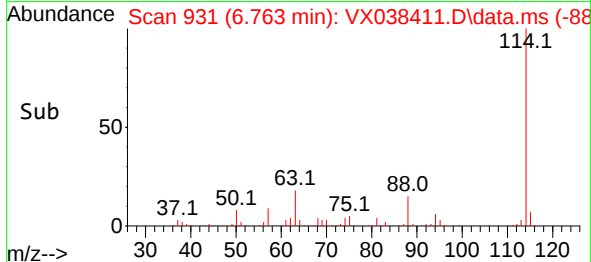
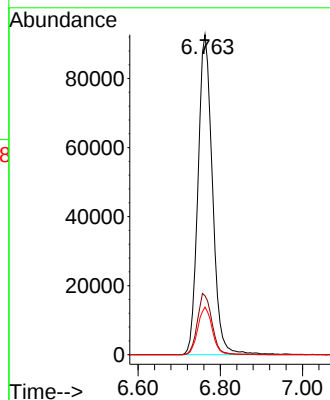
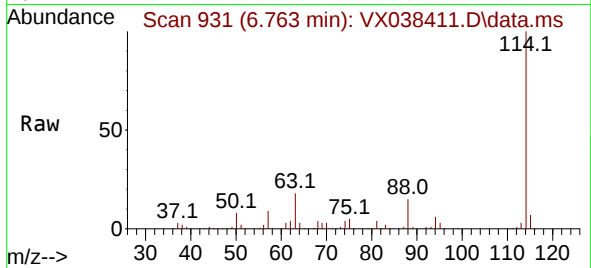




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX038411.D  
Acq: 20 Oct 2023 18:35

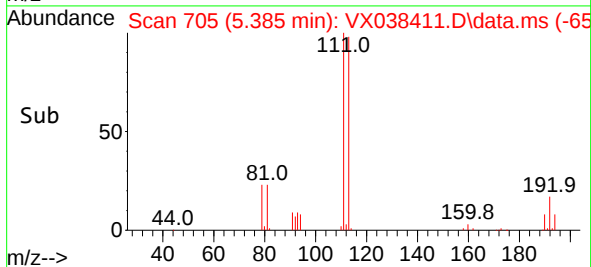
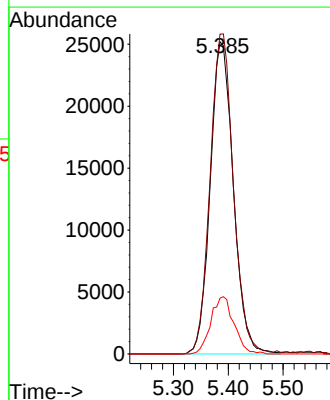
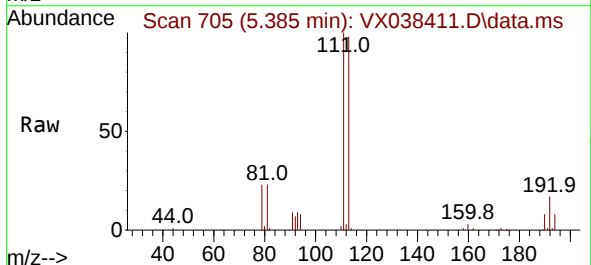
Instrument :  
MSVOA\_X  
ClientSampleId :  
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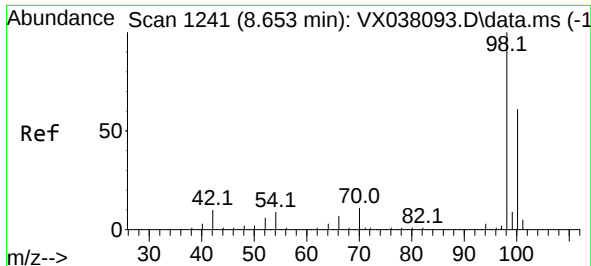
Tgt Ion:114 Resp: 225730  
Ion Ratio Lower Upper  
114 100  
63 18.4 0.0 45.0  
88 14.8 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 45.359 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX038411.D  
Acq: 20 Oct 2023 18:35

Tgt Ion:113 Resp: 73777  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.9 124.3  
192 18.3 13.3 19.9

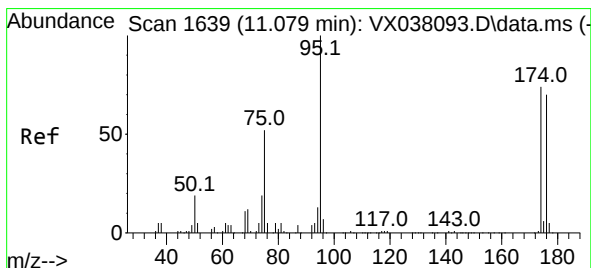
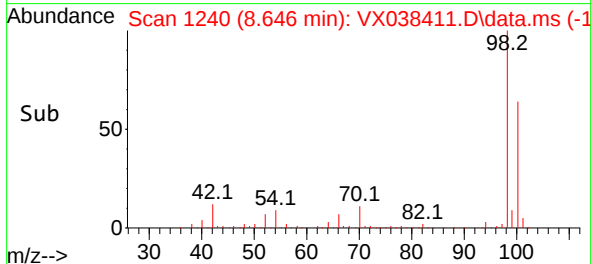
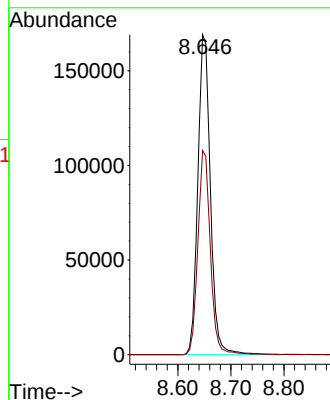
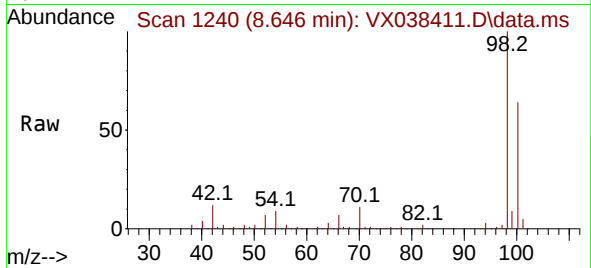




#50  
Toluene-d8  
Concen: 44.858 ug/l  
RT: 8.646 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: VX038411.D  
Acq: 20 Oct 2023 18:35

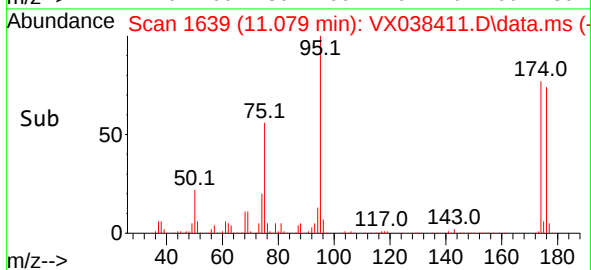
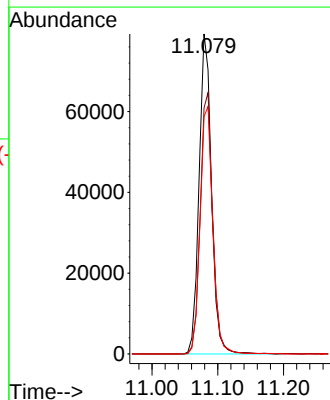
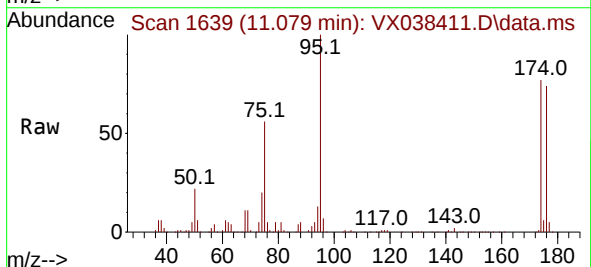
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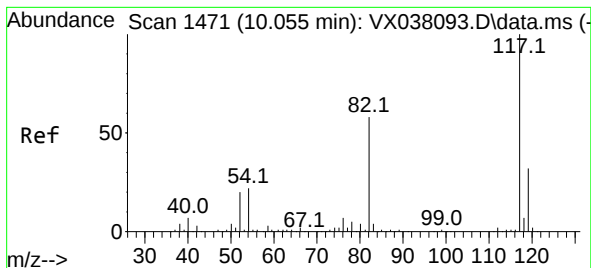
Tgt Ion: 98 Resp: 278809  
Ion Ratio Lower Upper  
98 100  
100 63.5 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 43.955 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX038411.D  
Acq: 20 Oct 2023 18:35

Tgt Ion: 95 Resp: 103572  
Ion Ratio Lower Upper  
95 100  
174 82.6 0.0 135.6  
176 79.7 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: VX038411.D

Acq: 20 Oct 2023 18:35

Instrument :

MSVOA\_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

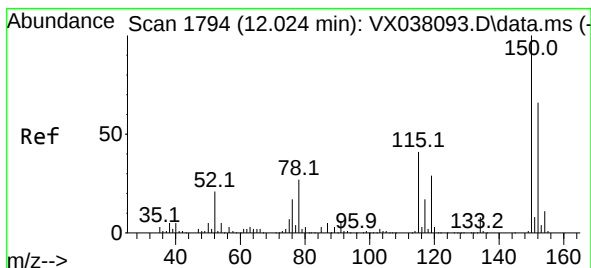
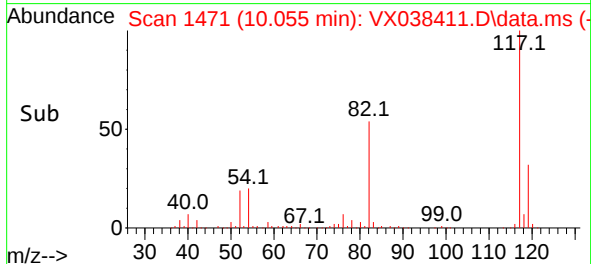
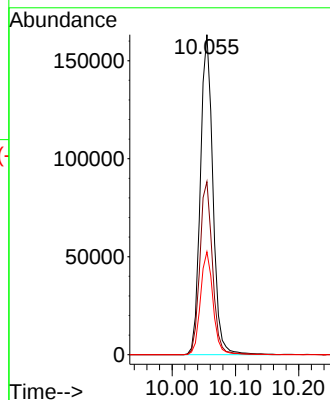
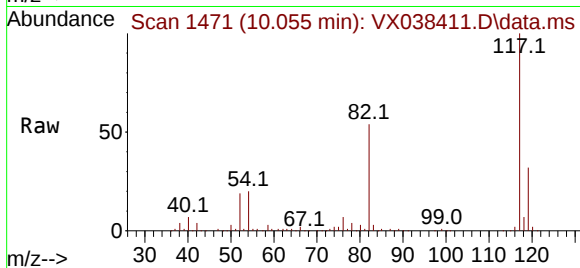
Tgt Ion:117 Resp: 225385

Ion Ratio Lower Upper

117 100

82 54.1 46.2 69.4

119 32.2 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: VX038411.D

Acq: 20 Oct 2023 18:35

Tgt Ion:152 Resp: 115339

Ion Ratio Lower Upper

152 100

115 60.1 43.3 129.9

150 156.8 0.0 345.0

