

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040824\  
 Data File : VX040927.D  
 Acq On : 08 Apr 2024 14:10  
 Operator : JC/MD  
 Sample : P2004-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Apr 09 02:48:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 02 05:40:55 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 38342    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 70804    | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 71019    | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 38154    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 35717    | 51.917   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 103.840% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 24443    | 48.739   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 97.480%  |
| 50) Toluene-d8              | 8.647  | 98    | 89878    | 49.597   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 99.200%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 37396    | 51.675   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 103.340% |

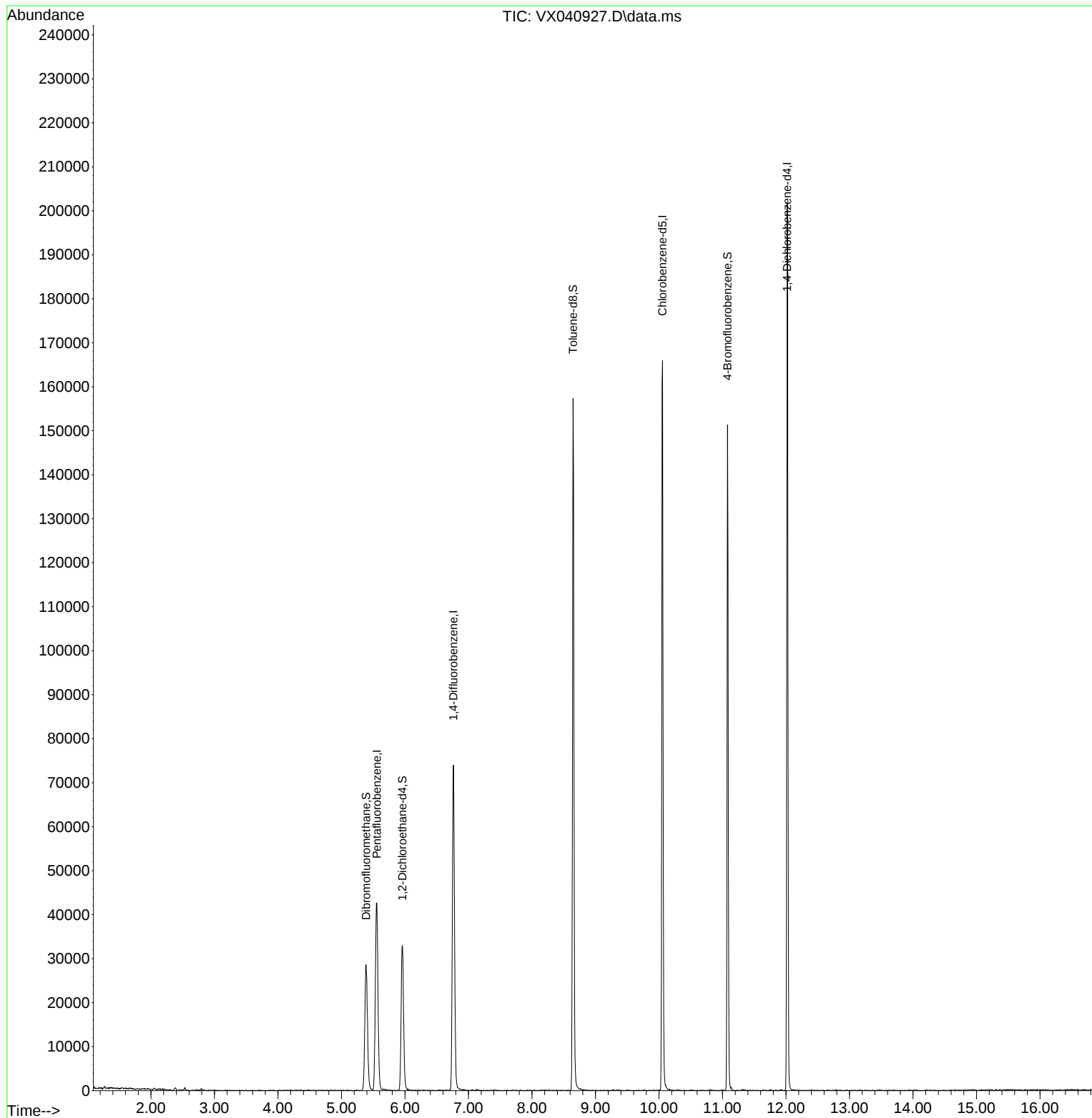
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

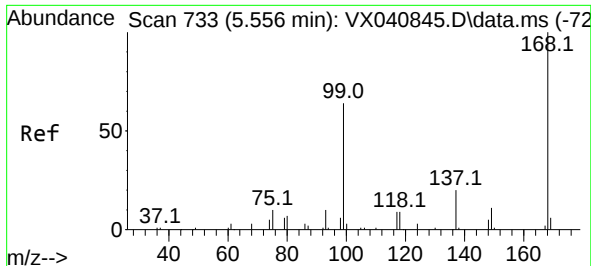
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Apr 02 05:40:55 2024  
Response via : Initial Calibration

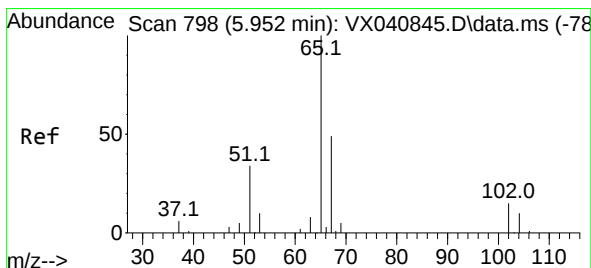
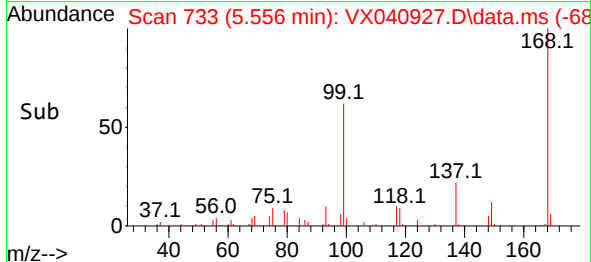
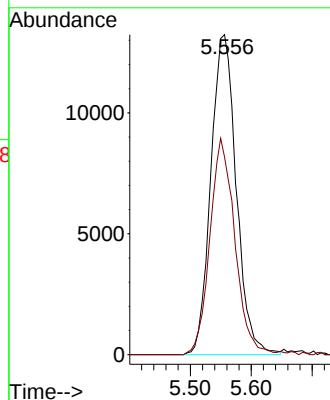
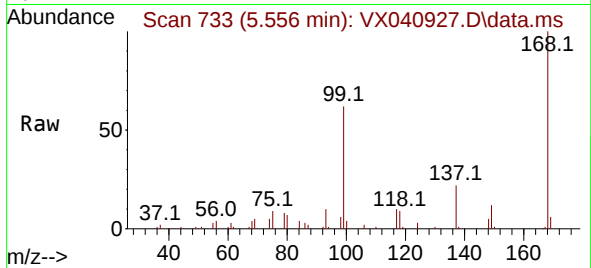




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. 0.000 min  
Lab File: VX040927.D  
Acq: 08 Apr 2024 14:10

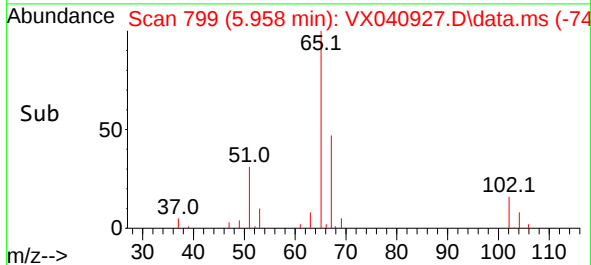
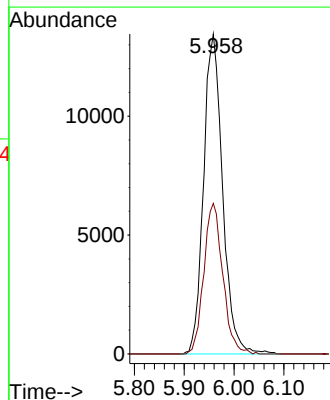
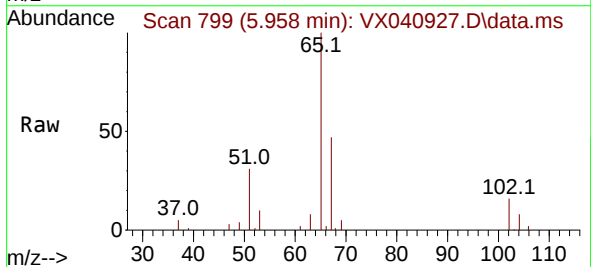
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

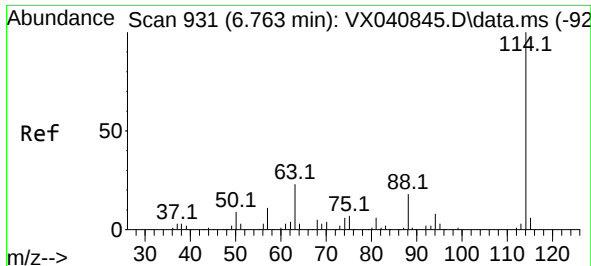
Tgt Ion:168 Resp: 38342  
Ion Ratio Lower Upper  
168 100  
99 61.8 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 51.917 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX040927.D  
Acq: 08 Apr 2024 14:10

Tgt Ion: 65 Resp: 35717  
Ion Ratio Lower Upper  
65 100  
67 46.8 0.0 100.2

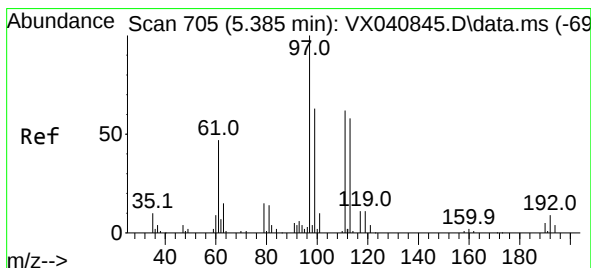
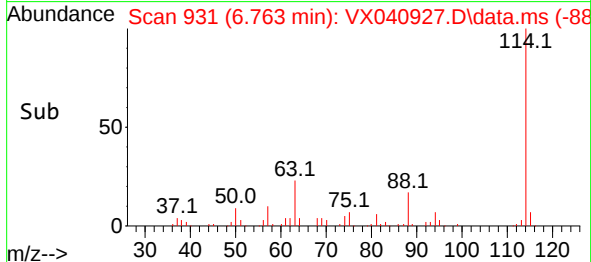
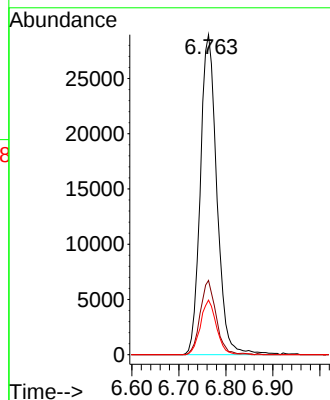
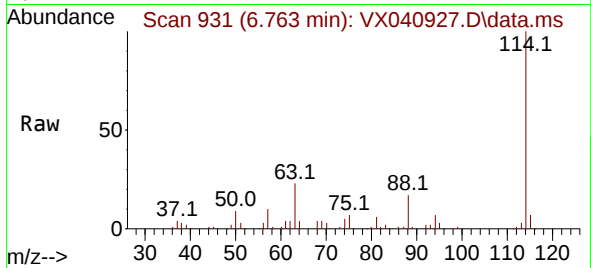




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX040927.D  
Acq: 08 Apr 2024 14:10

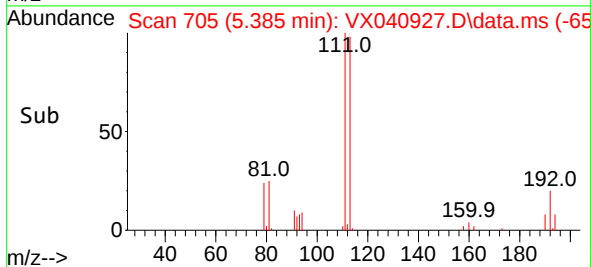
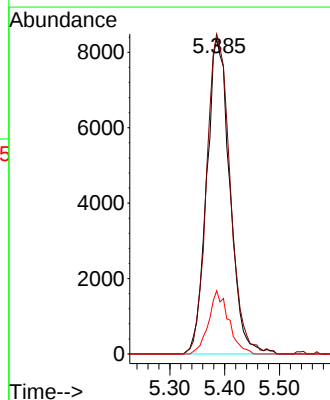
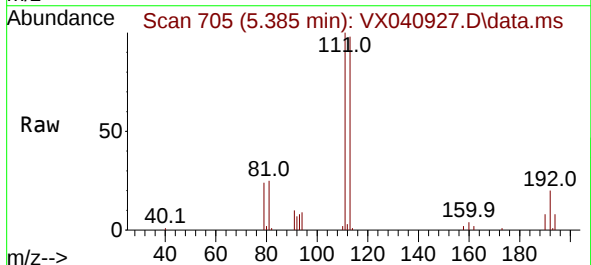
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

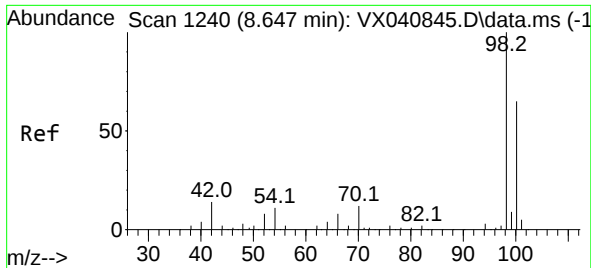
Tgt Ion:114 Resp: 70804  
Ion Ratio Lower Upper  
114 100  
63 23.2 0.0 45.0  
88 17.1 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 48.739 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040927.D  
Acq: 08 Apr 2024 14:10

Tgt Ion:113 Resp: 24443  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.9 124.3  
192 17.4 13.3 19.9

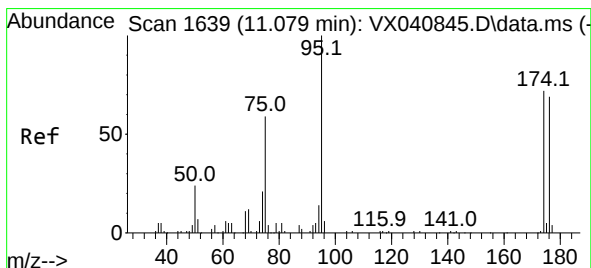
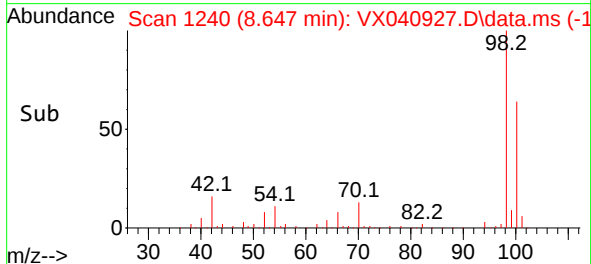
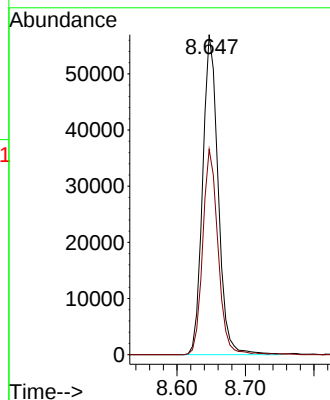
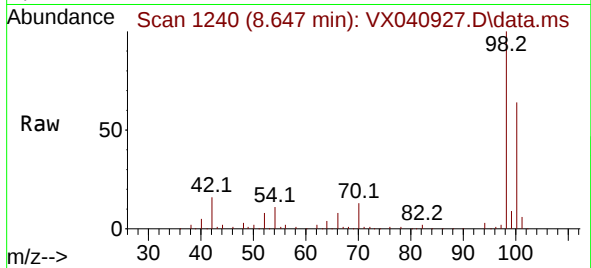




#50  
Toluene-d8  
Concen: 49.597 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX040927.D  
Acq: 08 Apr 2024 14:10

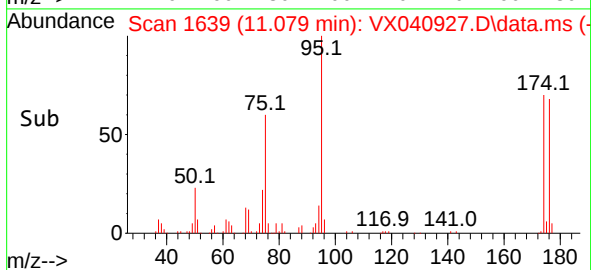
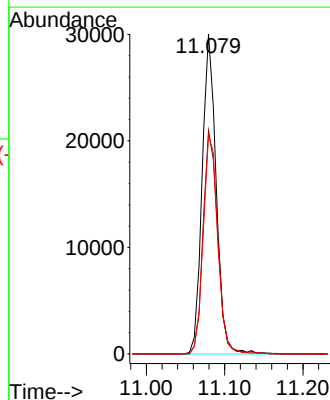
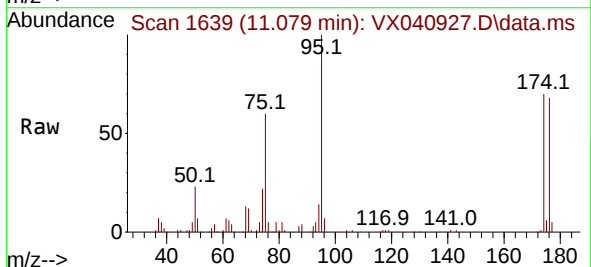
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MSVOA\_X  
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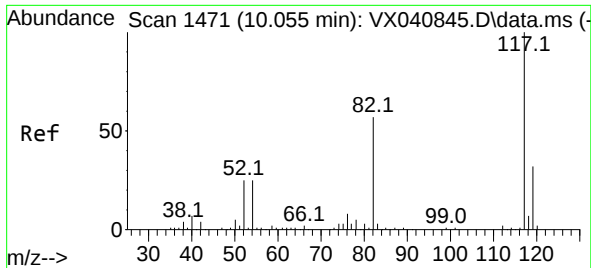
Tgt Ion: 98 Resp: 89878  
Ion Ratio Lower Upper  
98 100  
100 63.3 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 51.675 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040927.D  
Acq: 08 Apr 2024 14:10

Tgt Ion: 95 Resp: 37396  
Ion Ratio Lower Upper  
95 100  
174 71.7 0.0 135.6  
176 71.1 0.0 131.0

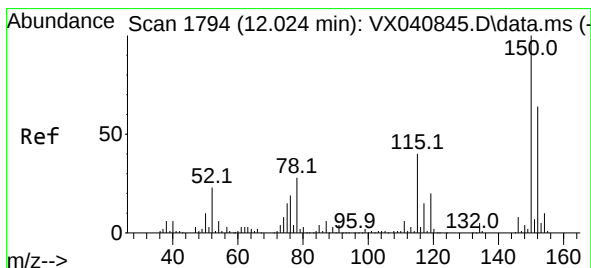
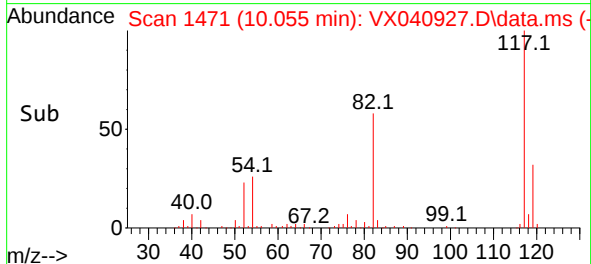
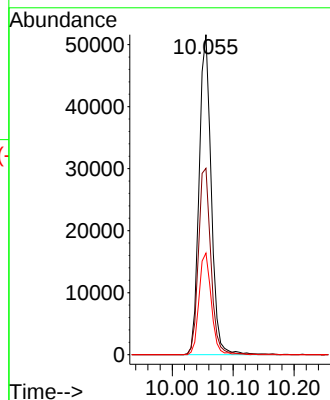
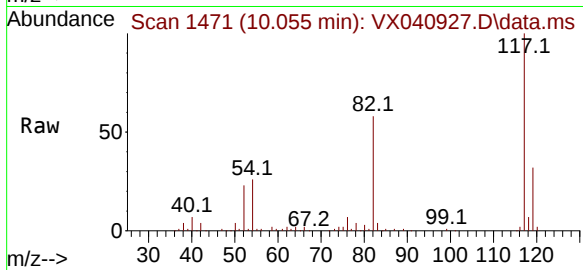




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040927.D  
Acq: 08 Apr 2024 14:10

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

Tgt Ion:117 Resp: 71019  
Ion Ratio Lower Upper  
117 100  
82 58.3 46.2 69.4  
119 31.7 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX040927.D  
Acq: 08 Apr 2024 14:10

Tgt Ion:152 Resp: 38154  
Ion Ratio Lower Upper  
152 100  
115 62.9 43.3 129.9  
150 155.8 0.0 345.0

