

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042123\  
 Data File : VX035233.D  
 Acq On : 21 Apr 2023 16:03  
 Operator : JC/MD  
 Sample : 02429-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 230419054-04-TRIP-BLANK

Quant Time: Apr 22 01:06:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 01 01:50:18 2023  
 Response via : Initial Calibration

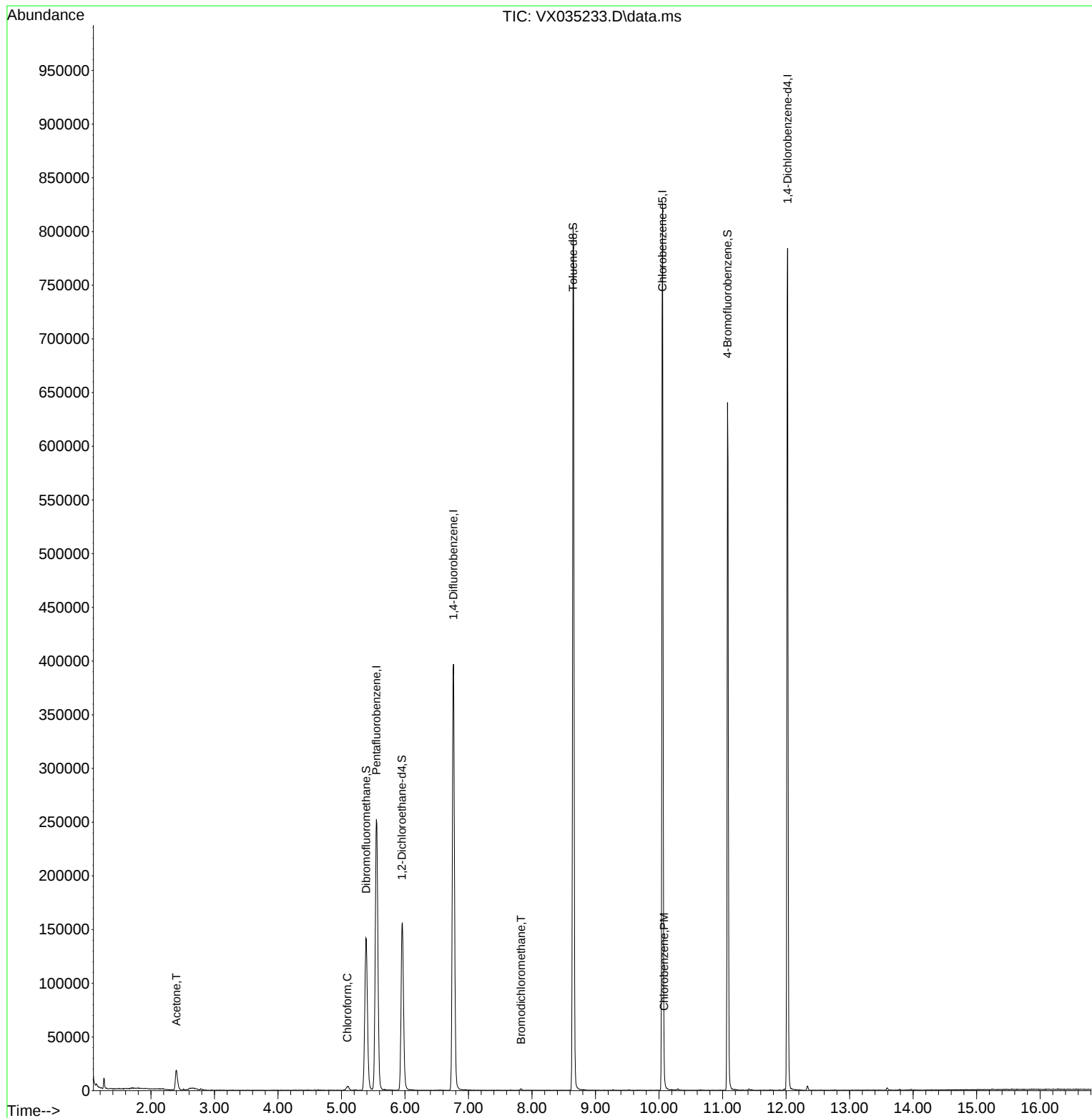
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 249762   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 417165   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 375578   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 171722   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 152066   | 39.810   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 79.620%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 125552   | 45.503   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 91.000%  |
| 50) Toluene-d8              | 8.647  | 98    | 488260   | 47.942   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 95.880%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 181937   | 46.164   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 92.320%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.398  | 43    | 29227    | 18.835   | ug/l   | 96       |
| 30) Chloroform              | 5.092  | 83    | 4771     | 0.861    | ug/l   | 96       |
| 47) Bromodichloromethane    | 7.830  | 83    | 1096     | 0.282    | ug/l # | 68       |
| 65) Chlorobenzene           | 10.079 | 112   | 2131     | 0.273    | ug/l # | 86       |
| -----                       |        |       |          |          |        |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042123\  
Data File : VX035233.D  
Acq On : 21 Apr 2023 16:03  
Operator : JC/MD  
Sample : 02429-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
230419054-04-TRIP-BLANK

Quant Time: Apr 22 01:06:05 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
Quant Title : SW846 8260  
QLast Update : Sat Apr 01 01:50:18 2023  
Response via : Initial Calibration

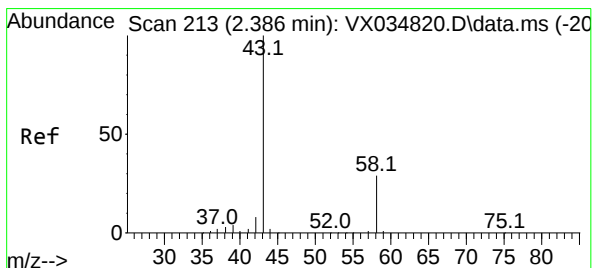
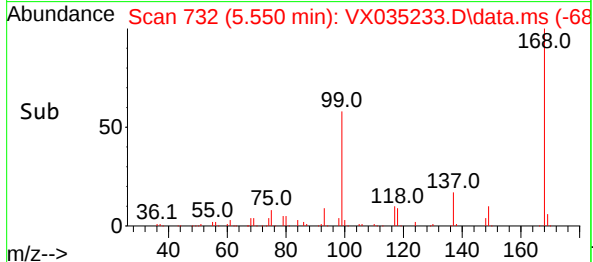
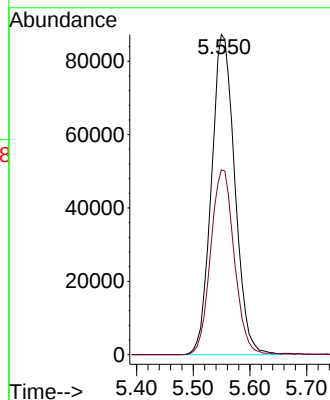
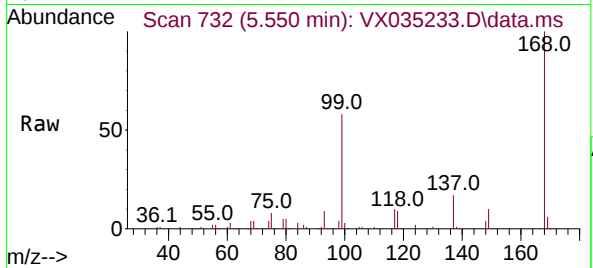




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX035233.D  
Acq: 21 Apr 2023 16:03

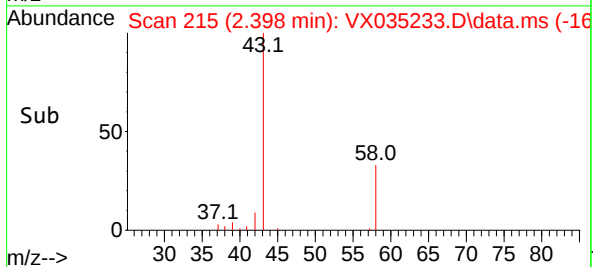
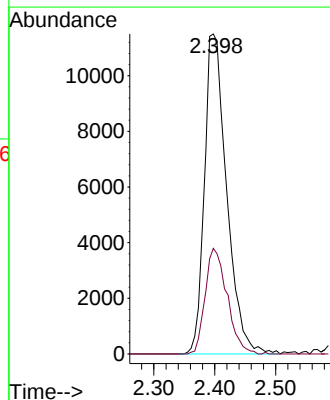
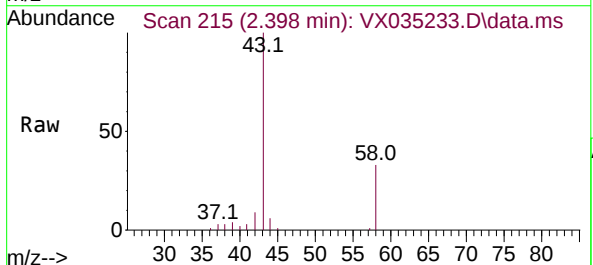
Instrument :  
MSVOA\_X  
ClientSampleId :  
230419054-04-TRIP-BLANK

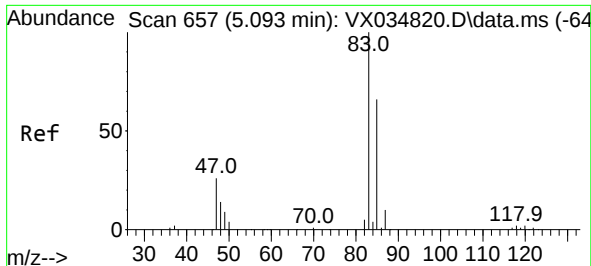
Tgt Ion:168 Resp: 249762  
Ion Ratio Lower Upper  
168 100  
99 57.8 45.7 68.5



#16  
Acetone  
Concen: 18.835 ug/l  
RT: 2.398 min Scan# 215  
Delta R.T. 0.012 min  
Lab File: VX035233.D  
Acq: 21 Apr 2023 16:03

Tgt Ion: 43 Resp: 29227  
Ion Ratio Lower Upper  
43 100  
58 33.0 24.7 37.1

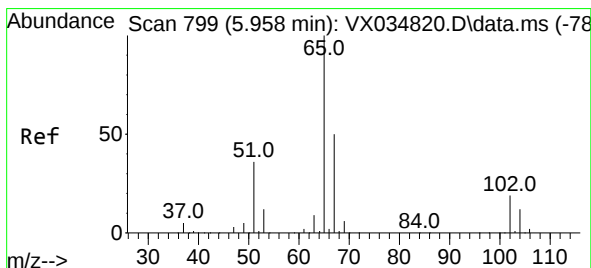
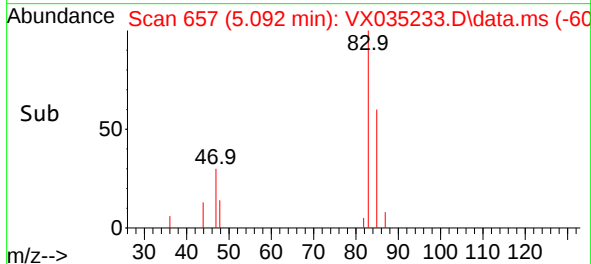
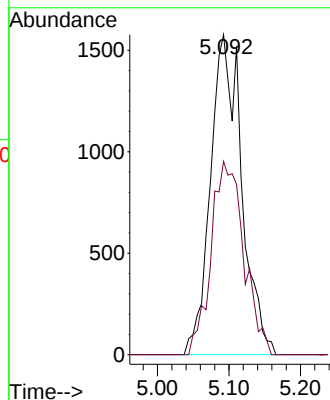
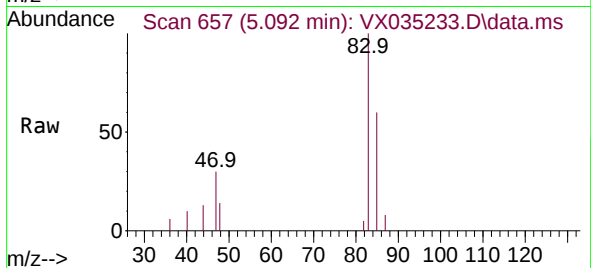




#30  
Chloroform  
Concen: 0.861 ug/l  
RT: 5.092 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX035233.D  
Acq: 21 Apr 2023 16:03

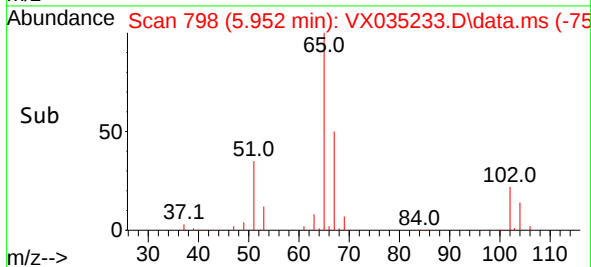
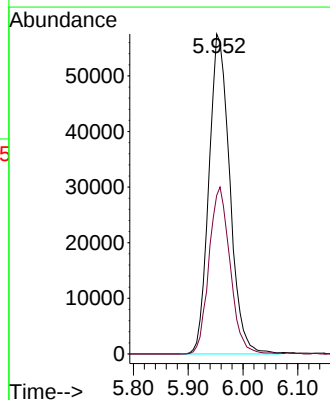
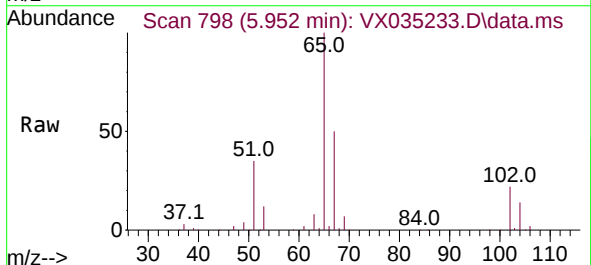
Instrument :  
MSVOA\_X  
ClientSampleId :  
230419054-04-TRIP-BLANK

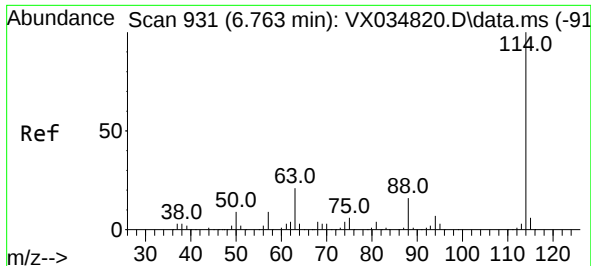
Tgt Ion: 83 Resp: 4771  
Ion Ratio Lower Upper  
83 100  
85 60.4 50.6 76.0



#33  
1,2-Dichloroethane-d4  
Concen: 39.810 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX035233.D  
Acq: 21 Apr 2023 16:03

Tgt Ion: 65 Resp: 152066  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX035233.D

Acq: 21 Apr 2023 16:03

Instrument :

MSVOA\_X

ClientSampleId :

230419054-04-TRIP-BLANK

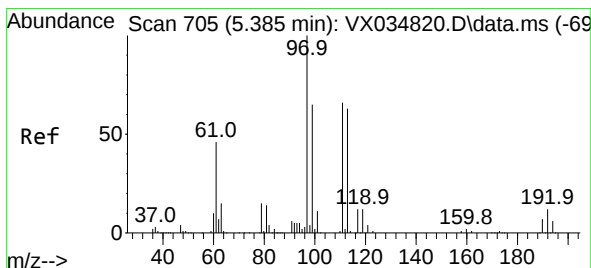
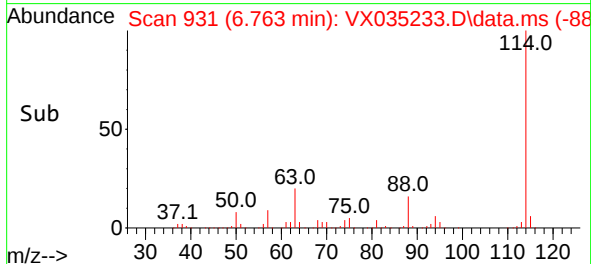
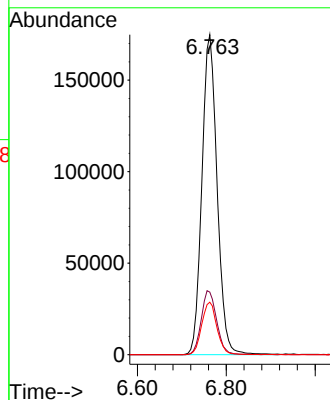
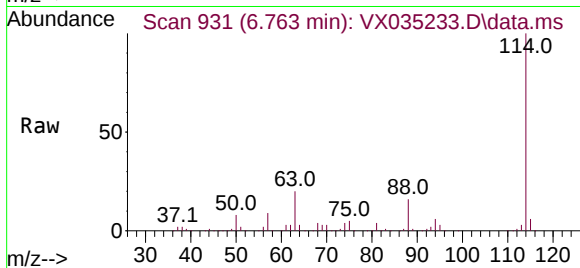
Tgt Ion:114 Resp: 417165

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.2

88 16.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.503 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035233.D

Acq: 21 Apr 2023 16:03

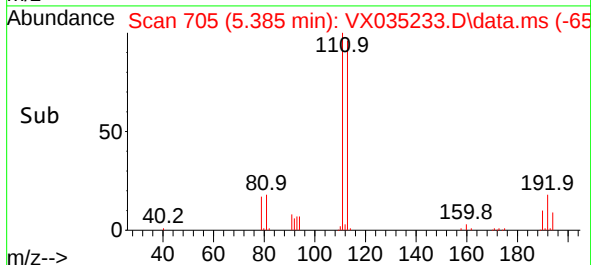
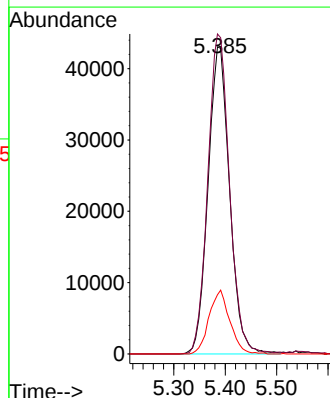
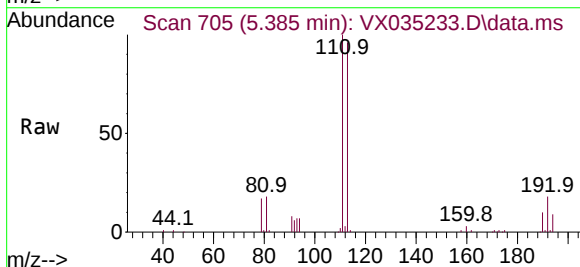
Tgt Ion:113 Resp: 125552

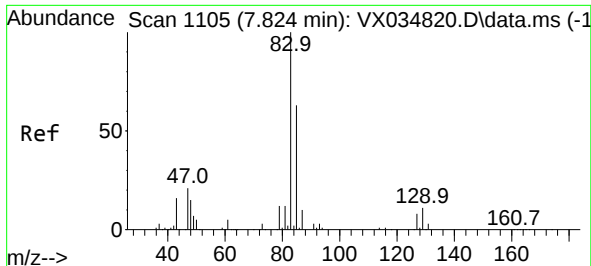
Ion Ratio Lower Upper

113 100

111 104.8 83.7 125.5

192 20.0 15.4 23.2

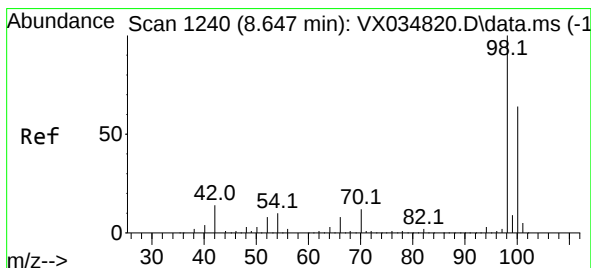
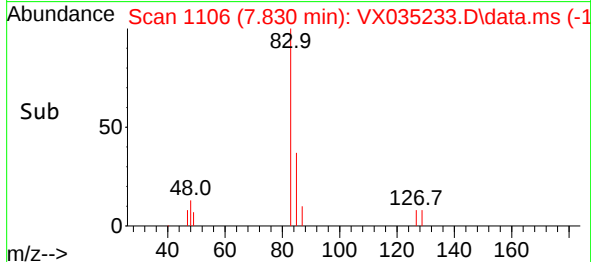
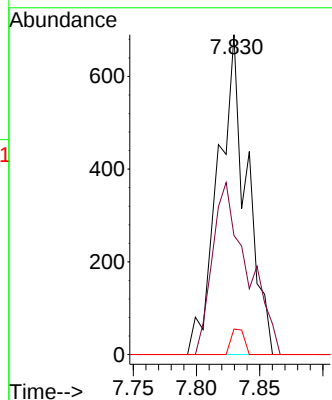
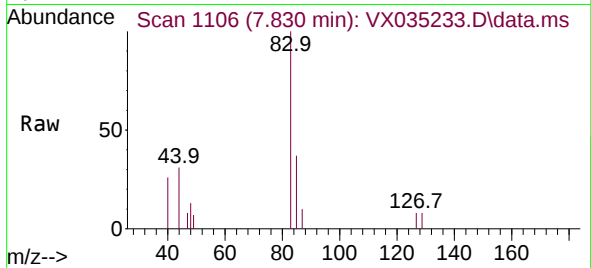




#47  
Bromodichloromethane  
Concen: 0.282 ug/l  
RT: 7.830 min Scan# 1106  
Delta R.T. 0.006 min  
Lab File: VX035233.D  
Acq: 21 Apr 2023 16:03

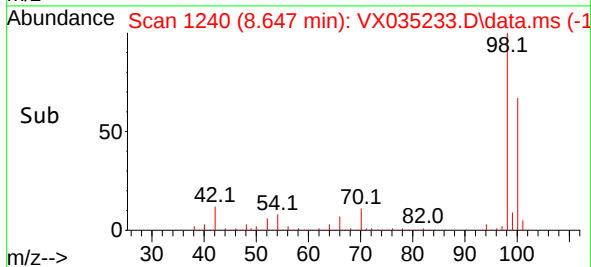
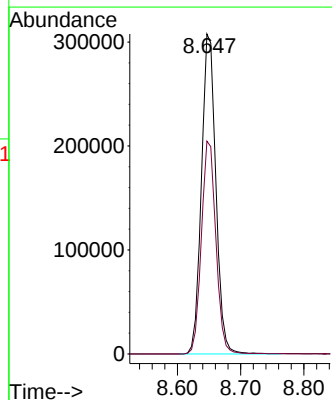
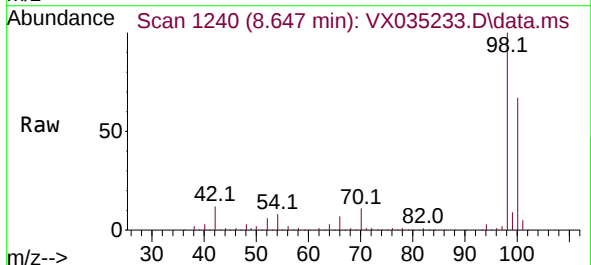
Instrument :  
MSVOA\_X  
ClientSampleId :  
230419054-04-TRIP-BLANK

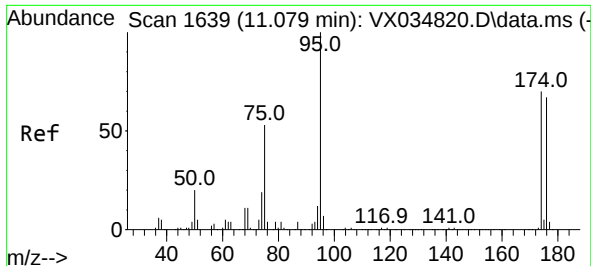
Tgt Ion: 83 Resp: 1096  
Ion Ratio Lower Upper  
83 100  
85 37.2 52.2 78.4#  
127 8.0 6.6 9.8



#50  
Toluene-d8  
Concen: 47.942 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX035233.D  
Acq: 21 Apr 2023 16:03

Tgt Ion: 98 Resp: 488260  
Ion Ratio Lower Upper  
98 100  
100 66.9 52.5 78.7

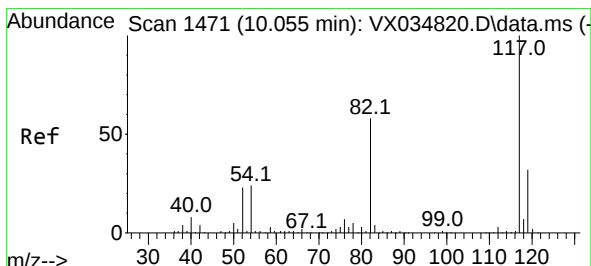
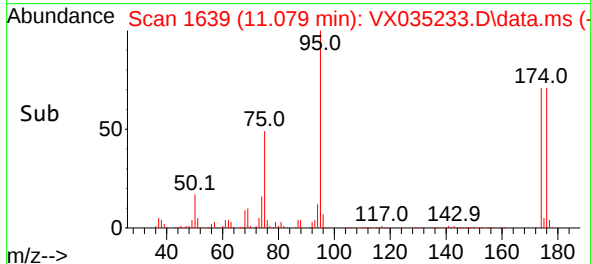
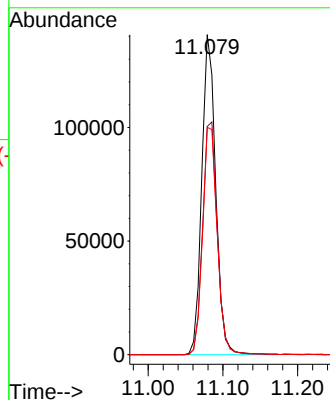
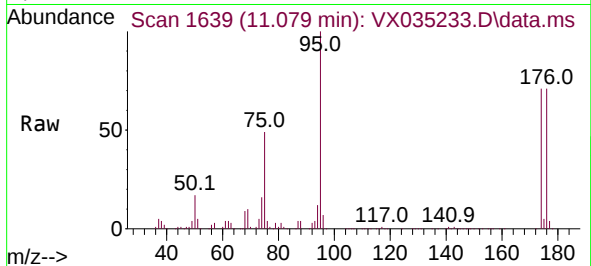




#62  
4-Bromofluorobenzene  
Concen: 46.164 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX035233.D  
Acq: 21 Apr 2023 16:03

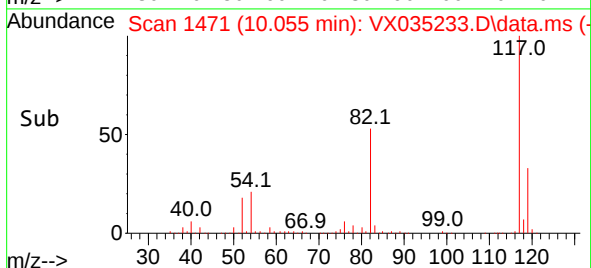
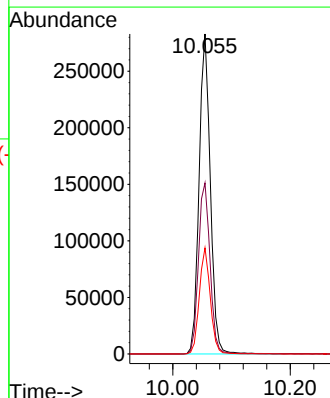
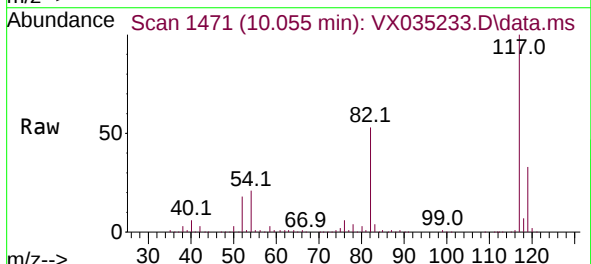
Instrument :  
MSVOA\_X  
ClientSampleId :  
230419054-04-TRIP-BLANK

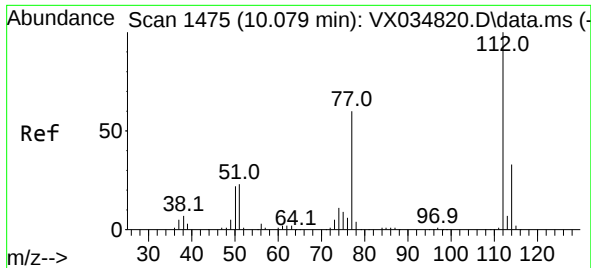
Tgt Ion: 95 Resp: 181937  
Ion Ratio Lower Upper  
95 100  
174 76.5 0.0 147.4  
176 74.8 0.0 140.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX035233.D  
Acq: 21 Apr 2023 16:03

Tgt Ion: 117 Resp: 375578  
Ion Ratio Lower Upper  
117 100  
82 53.5 45.0 67.4  
119 33.2 26.0 39.0

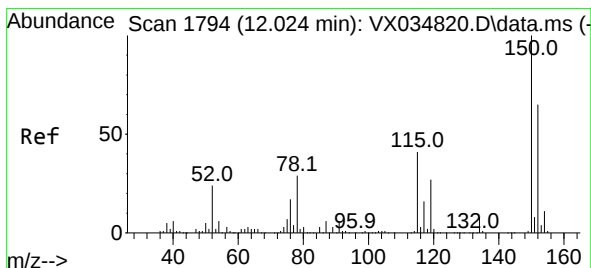
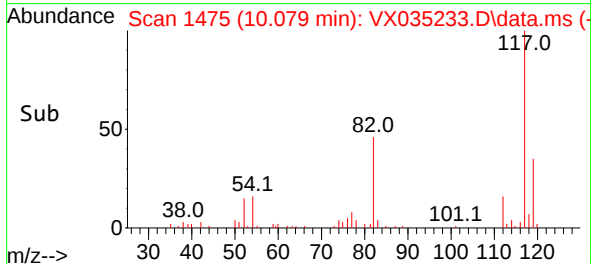
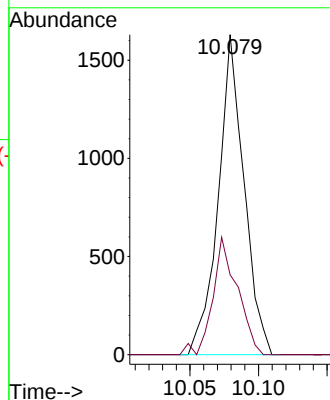
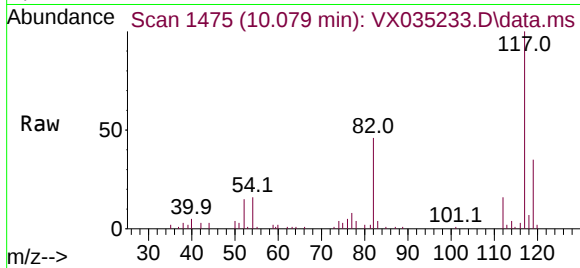




#65  
Chlorobenzene  
Concen: 0.273 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX035233.D  
Acq: 21 Apr 2023 16:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
230419054-04-TRIP-BLANK

Tgt Ion:112 Resp: 2131  
Ion Ratio Lower Upper  
112 100  
114 25.0 26.2 39.2#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX035233.D  
Acq: 21 Apr 2023 16:03

Tgt Ion:152 Resp: 171722  
Ion Ratio Lower Upper  
152 100  
115 60.2 45.0 135.0  
150 155.7 0.0 352.4

