

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011823\  
 Data File : VX033778.D  
 Acq On : 18 Jan 2023 16:42  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Jan 19 03:31:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X011823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jan 18 14:40:07 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Bromochloromethane       | 4.898  | 128   | 14418    | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene     | 6.763  | 114   | 101593   | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5        | 10.055 | 117   | 110321   | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4   | 5.958  | 65    | 36540    | 32.749   | ug/l       | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | = 109.167% |          |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 57054    | 28.929   | ug/l       | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | = 96.433%  |          |
| 63) Toluene-d8              | 8.647  | 98    | 105910   | 30.090   | ug/l       | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | = 100.300% |          |

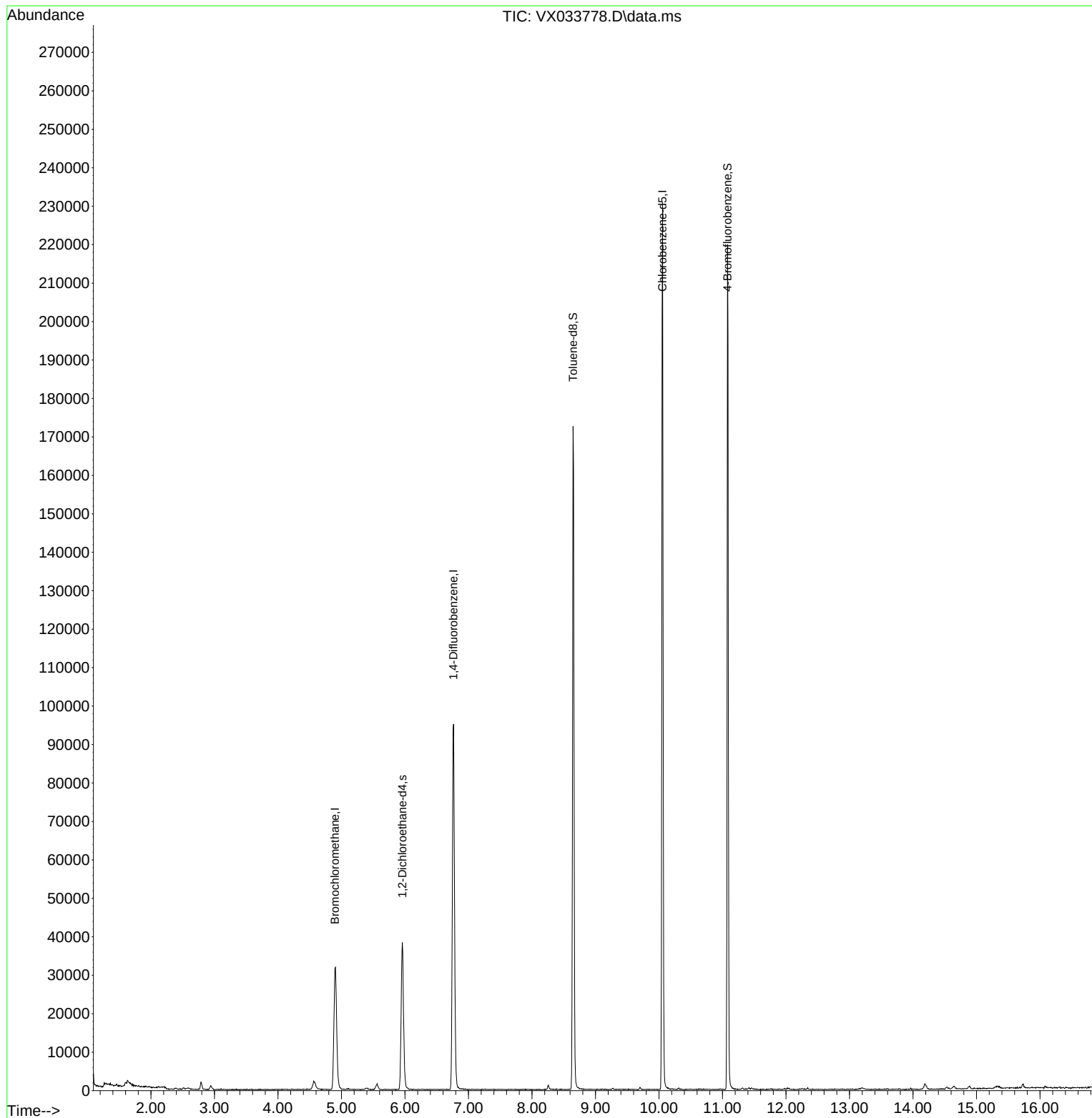
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

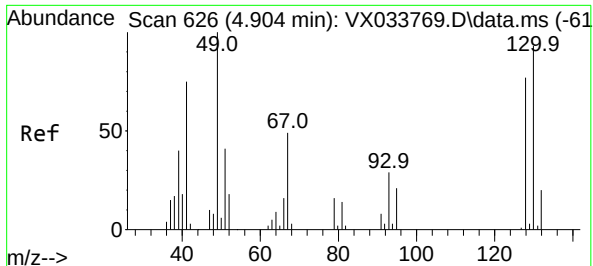
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011823\  
Data File : VX033778.D  
Acq On : 18 Jan 2023 16:42  
Operator : JC/MD  
Sample : IBLK  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Quant Time: Jan 19 03:31:31 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X011823W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Wed Jan 18 14:40:07 2023  
Response via : Initial Calibration

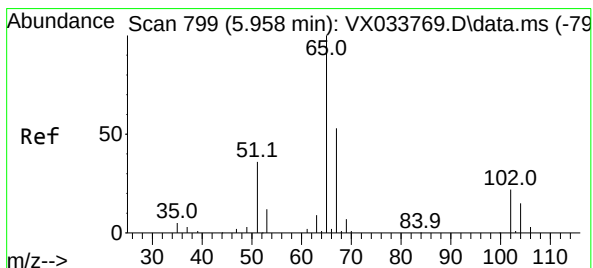
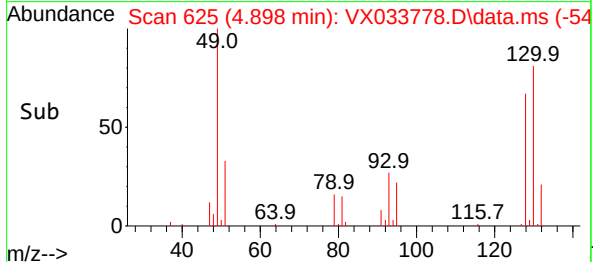
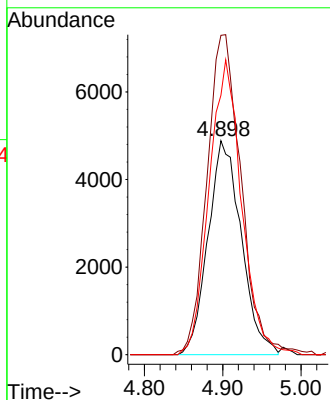
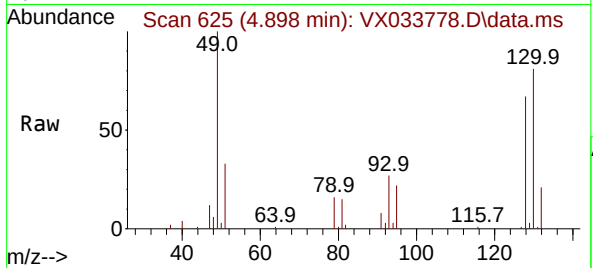




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.898 min Scan# 612  
Delta R.T. -0.006 min  
Lab File: VX033778.D  
Acq: 18 Jan 2023 16:42

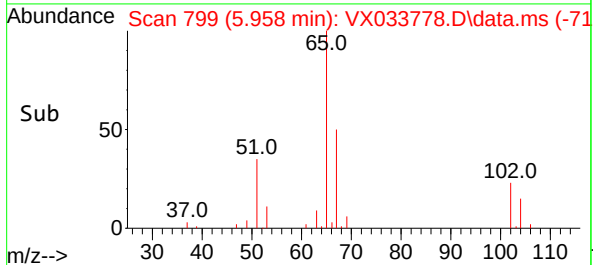
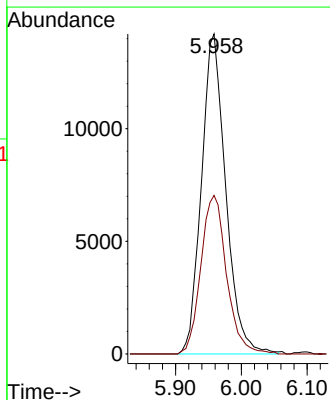
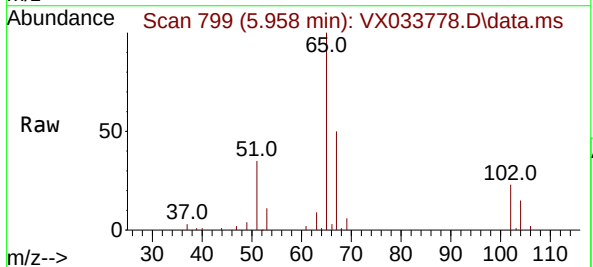
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

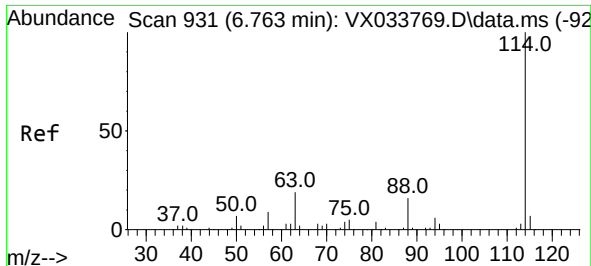
Tgt Ion:128 Resp: 14418  
Ion Ratio Lower Upper  
128 100  
49 152.8 0.0 369.0  
130 134.8 0.0 327.5



#27  
1,2-Dichloroethane-d4  
Concen: 32.749 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX033778.D  
Acq: 18 Jan 2023 16:42

Tgt Ion: 65 Resp: 36540  
Ion Ratio Lower Upper  
65 100  
67 52.4 43.0 64.4

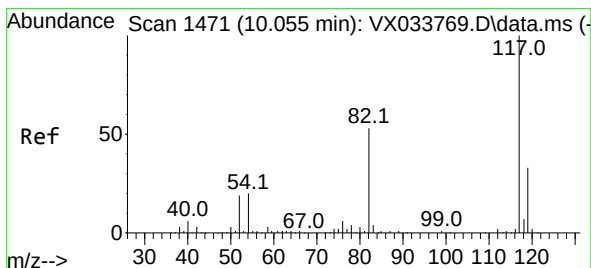
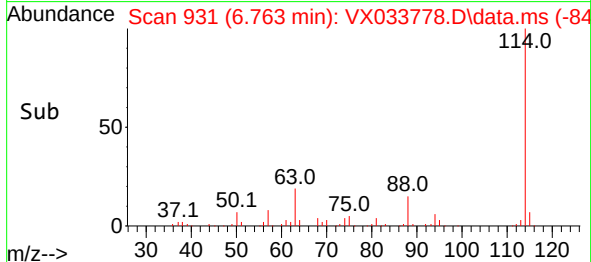
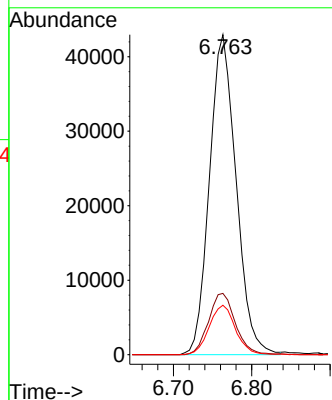
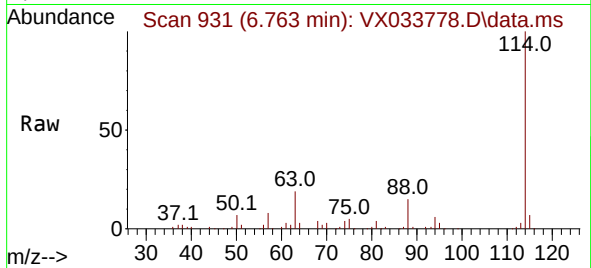




#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX033778.D  
Acq: 18 Jan 2023 16:42

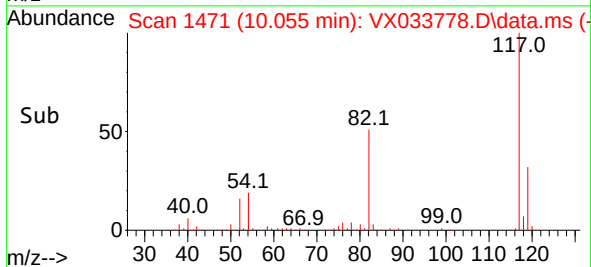
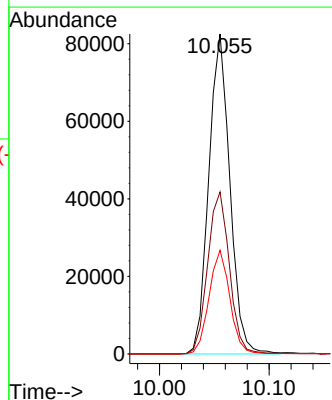
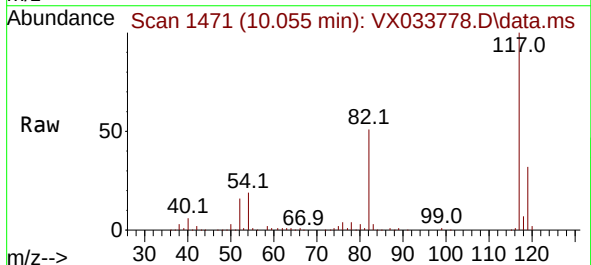
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

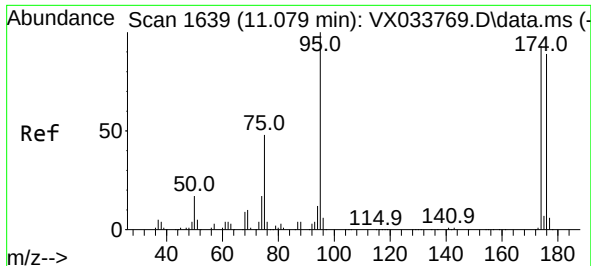
Tgt Ion:114 Resp: 101593  
Ion Ratio Lower Upper  
114 100  
63 19.3 15.2 22.8  
88 15.2 12.4 18.6



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX033778.D  
Acq: 18 Jan 2023 16:42

Tgt Ion:117 Resp: 110321  
Ion Ratio Lower Upper  
117 100  
82 52.3 42.6 64.0  
119 32.1 26.4 39.6

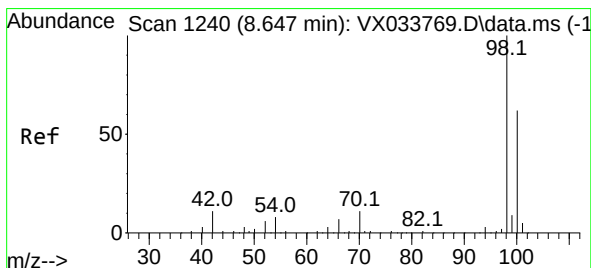
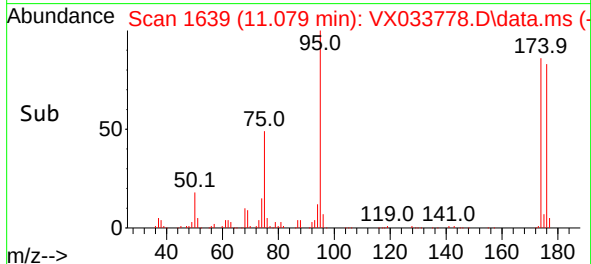
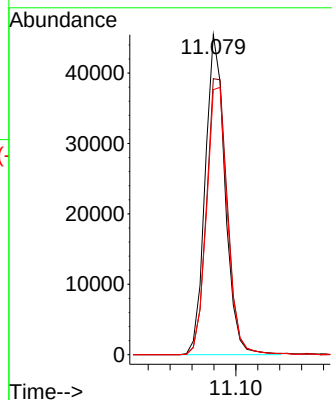
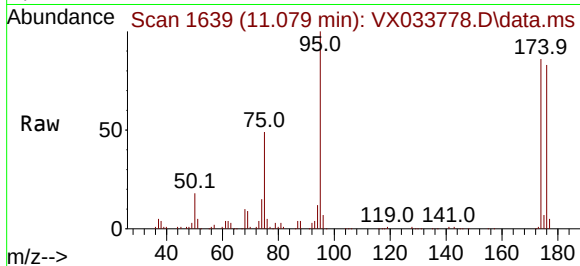




#60  
4-Bromofluorobenzene  
Concen: 28.929 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX033778.D  
Acq: 18 Jan 2023 16:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion: 95 Resp: 57054  
Ion Ratio Lower Upper  
95 100  
174 91.8 74.6 111.8  
176 88.6 72.2 108.2



#63  
Toluene-d8  
Concen: 30.090 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX033778.D  
Acq: 18 Jan 2023 16:42

Tgt Ion: 98 Resp: 105910  
Ion Ratio Lower Upper  
98 100  
100 66.7 52.7 79.1

