

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011823\  
 Data File : VX033775.D  
 Acq On : 18 Jan 2023 15:29  
 Operator : JC/MD  
 Sample : VX0118WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0118WBL01

Quant Time: Jan 19 03:30:35 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   | 4.903  | 128  | 15951    | 30.000 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.757  | 114  | 113224   | 30.000 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.055 | 117  | 116139   | 30.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 27) 1,2-Dichloroethane-d4   | 5.952  | 65    | 37634    | 30.487   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =    | 101.633% |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 61762    | 29.747   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =    | 99.167%  |
| 63) Toluene-d8              | 8.646  | 98    | 111210   | 30.013   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =    | 100.033% |

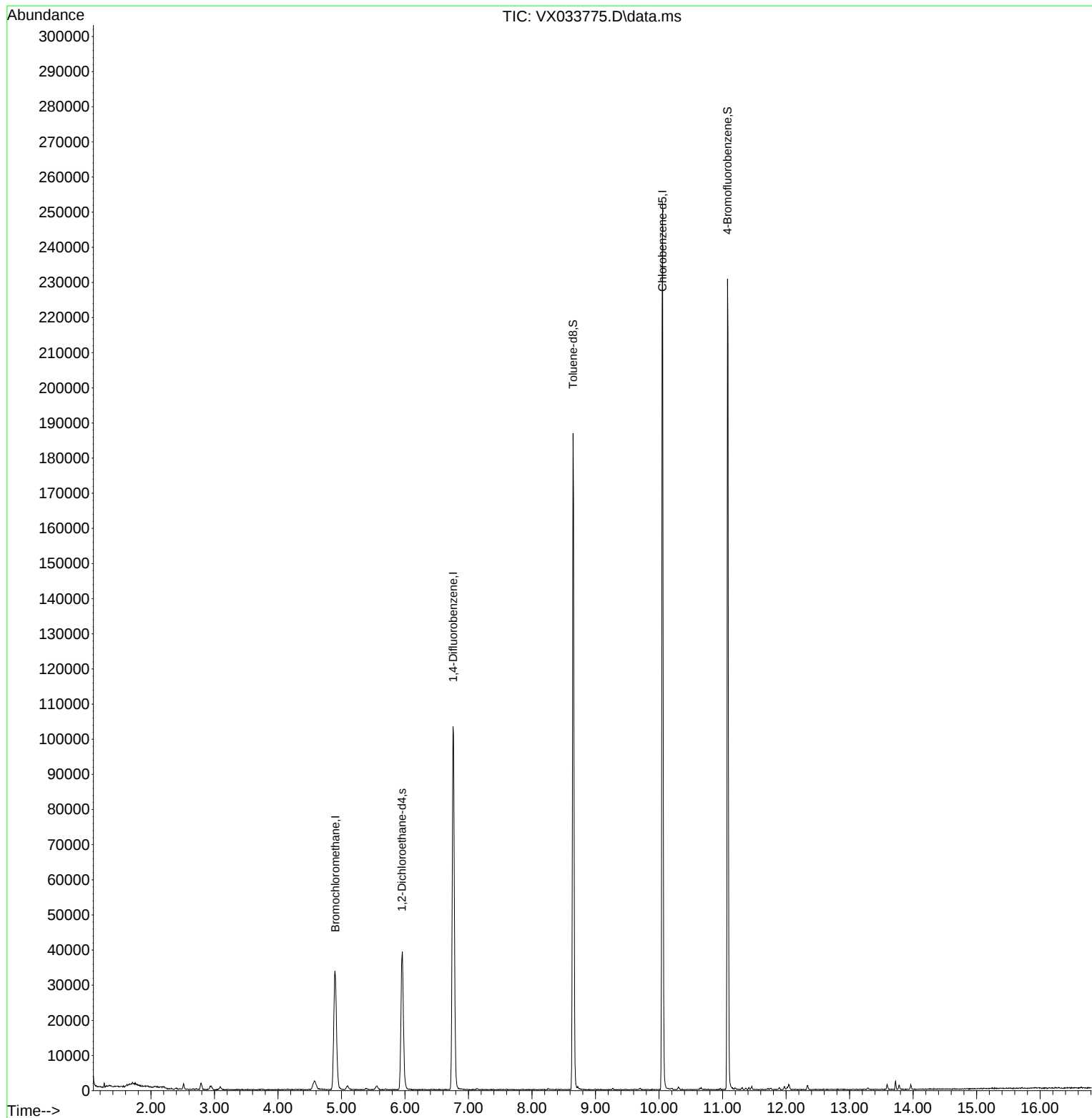
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

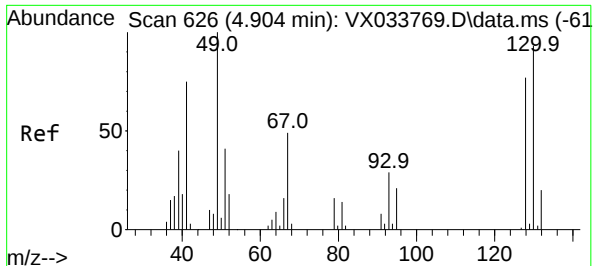
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 18 14:40:07 2023  
Response via : Initial Calibration

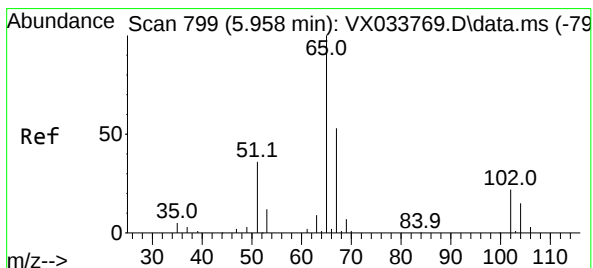
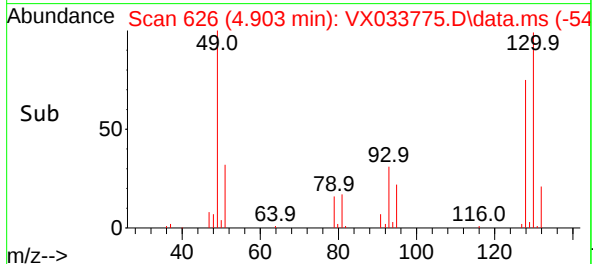
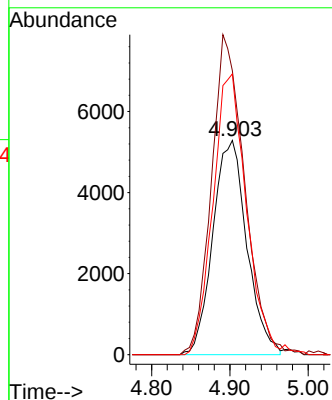
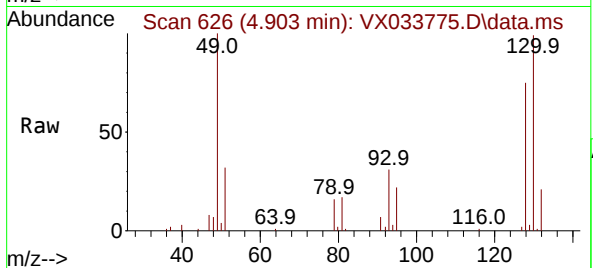




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.903 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: VX033775.D  
Acq: 18 Jan 2023 15:29

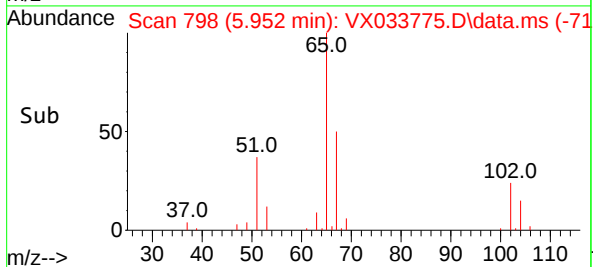
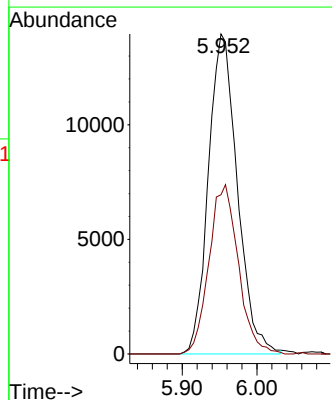
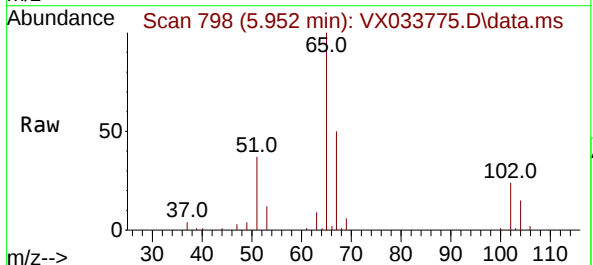
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0118WBL01

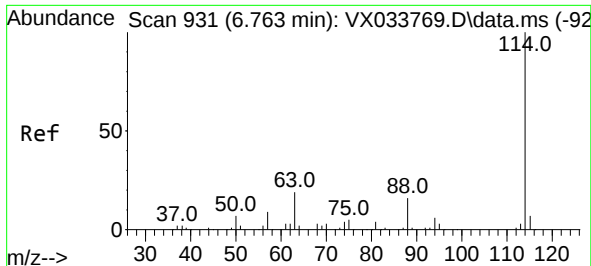
Tgt Ion:128 Resp: 15951  
Ion Ratio Lower Upper  
128 100  
49 145.1 0.0 369.0  
130 128.5 0.0 327.5



#27  
1,2-Dichloroethane-d4  
Concen: 30.487 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX033775.D  
Acq: 18 Jan 2023 15:29

Tgt Ion: 65 Resp: 37634  
Ion Ratio Lower Upper  
65 100  
67 53.5 43.0 64.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX033775.D

Acq: 18 Jan 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0118WBL01

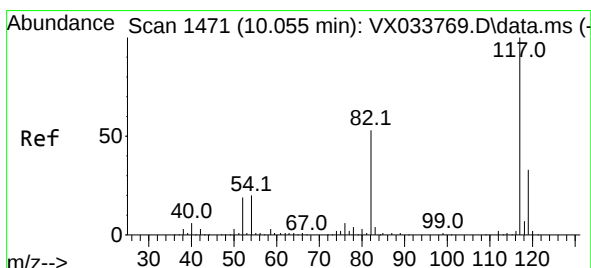
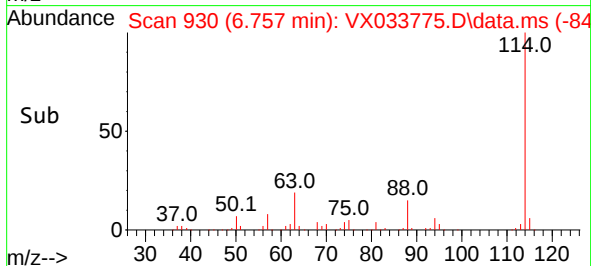
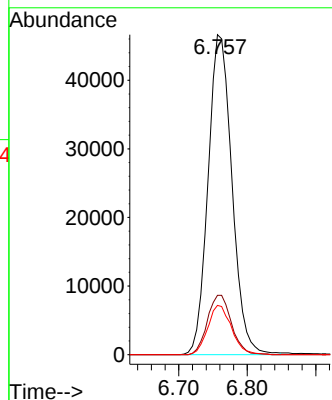
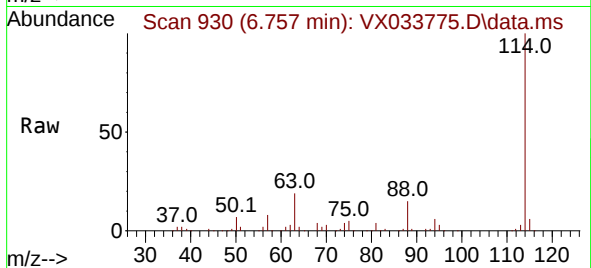
Tgt Ion:114 Resp: 113224

Ion Ratio Lower Upper

114 100

63 18.6 15.2 22.8

88 15.3 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: VX033775.D

Acq: 18 Jan 2023 15:29

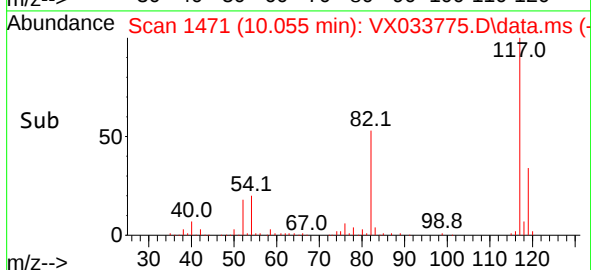
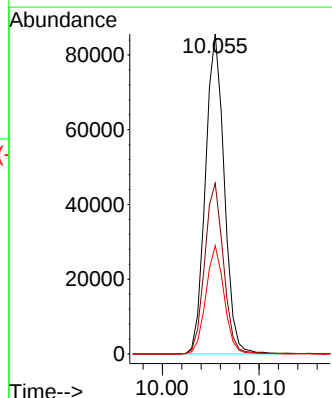
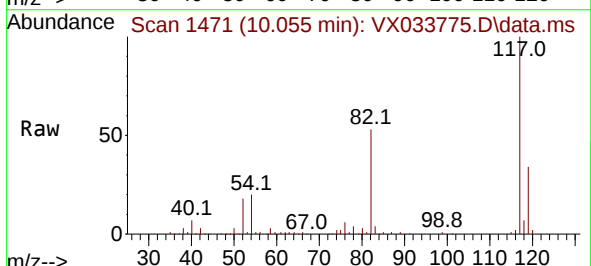
Tgt Ion:117 Resp: 116139

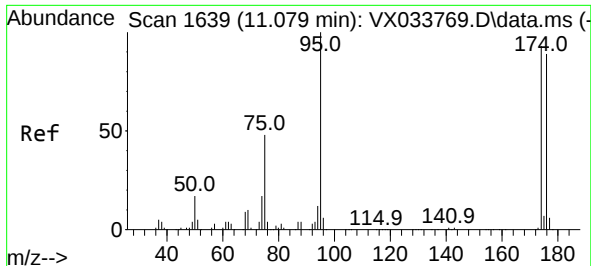
Ion Ratio Lower Upper

117 100

82 53.3 42.6 64.0

119 33.0 26.4 39.6

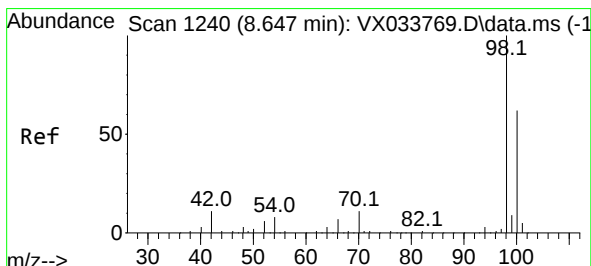
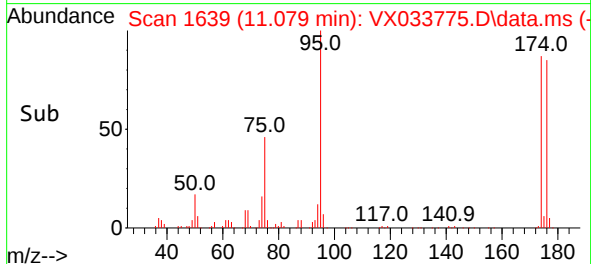
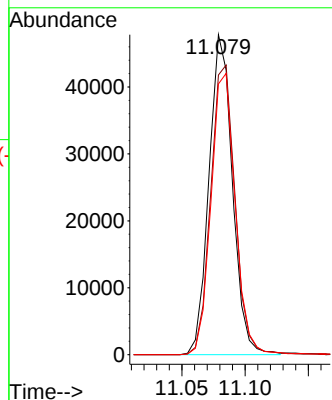
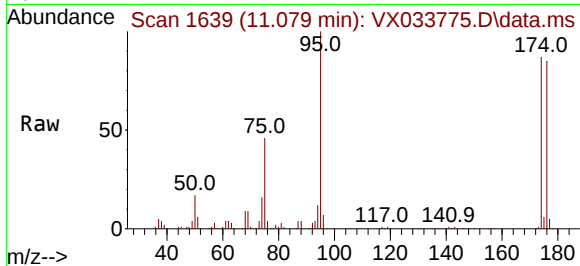




#60  
4-Bromofluorobenzene  
Concen: 29.747 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX033775.D  
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Tgt Ion: 95 Resp: 61762  
Ion Ratio Lower Upper  
95 100  
174 93.9 74.6 111.8  
176 90.4 72.2 108.2



#63  
Toluene-d8  
Concen: 30.013 ug/l  
RT: 8.646 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX033775.D  
Acq: 18 Jan 2023 15:29

Tgt Ion: 98 Resp: 111210  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.7 79.1

