

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032823\  
 Data File : VX034782.D  
 Acq On : 28 Mar 2023 10:27  
 Operator : JC/MD  
 Sample : VX0328WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0328WBL01

Quant Time: Mar 28 15:17:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X032823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 28 09:11:00 2023  
 Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 4.898  | 128  | 27163    | 30.000 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.763  | 114  | 195540   | 30.000 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.055 | 117  | 200820   | 30.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 27) 1,2-Dichloroethane-d4   | 5.958  | 65    | 79742    | 30.553   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =    | 101.833% |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 107885   | 26.886   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =    | 89.633%  |
| 63) Toluene-d8              | 8.647  | 98    | 206284   | 30.227   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =    | 100.767% |

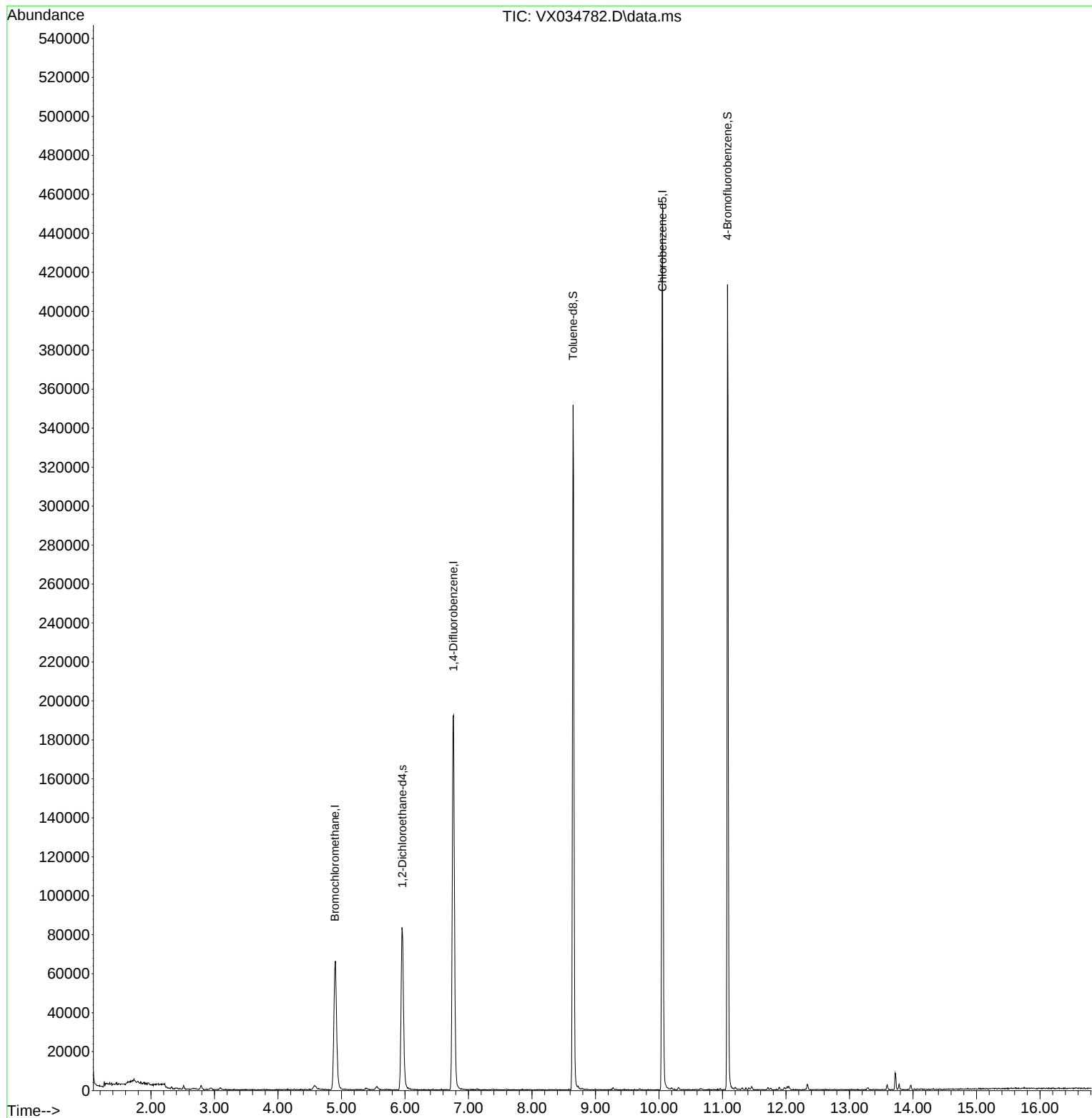
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

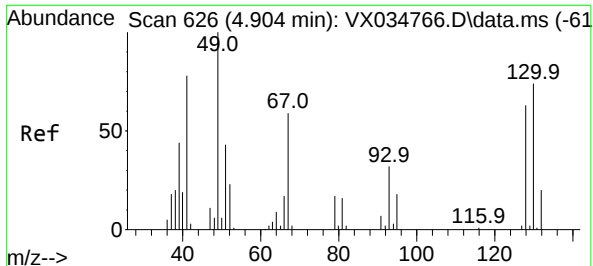
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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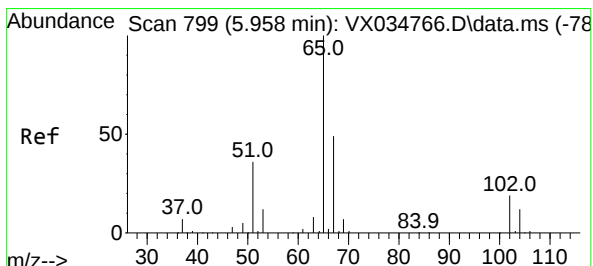
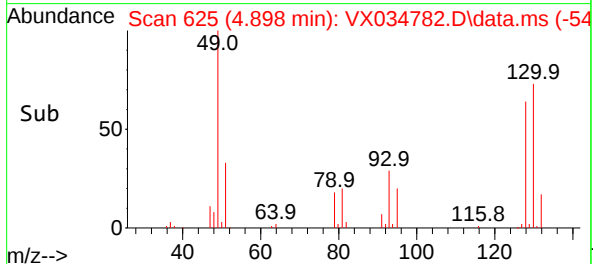
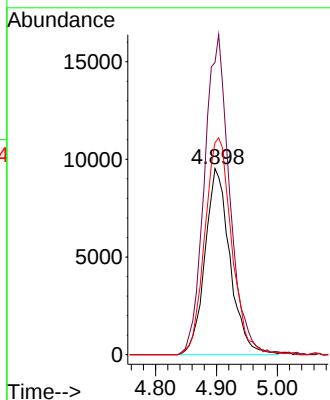
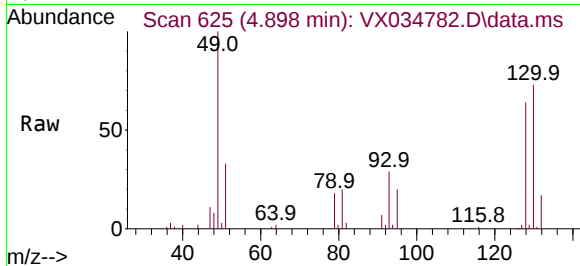




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.898 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX034782.D  
Acq: 28 Mar 2023 10:27

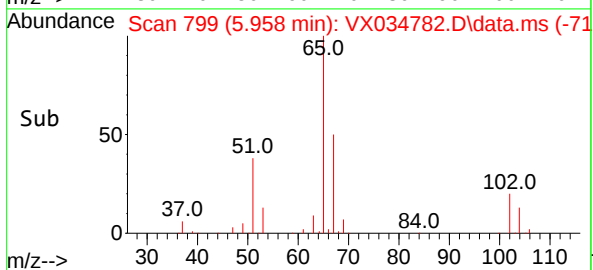
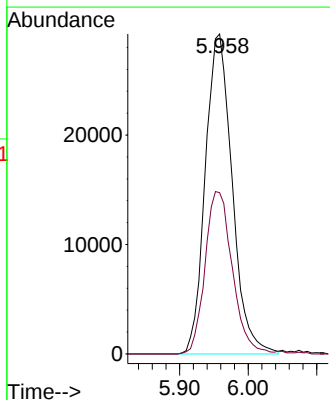
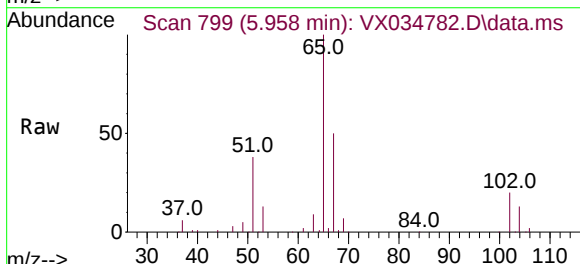
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBL01

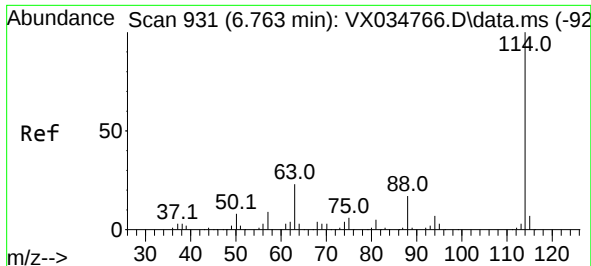
Tgt Ion:128 Resp: 27163  
Ion Ratio Lower Upper  
128 100  
49 172.8 0.0 428.8  
130 125.5 0.0 310.8



#27  
1,2-Dichloroethane-d4  
Concen: 30.553 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX034782.D  
Acq: 28 Mar 2023 10:27

Tgt Ion: 65 Resp: 79742  
Ion Ratio Lower Upper  
65 100  
67 51.4 40.9 61.3

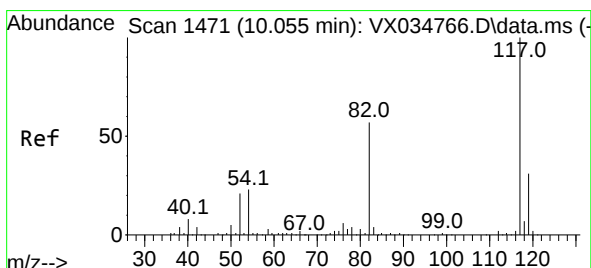
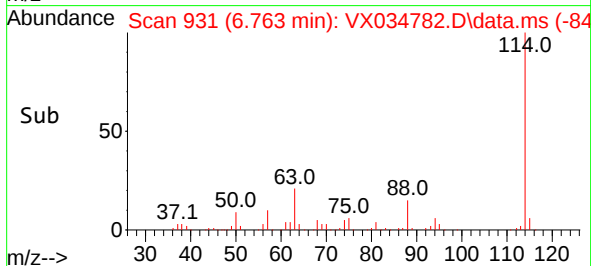
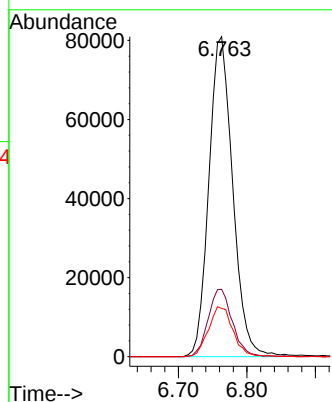
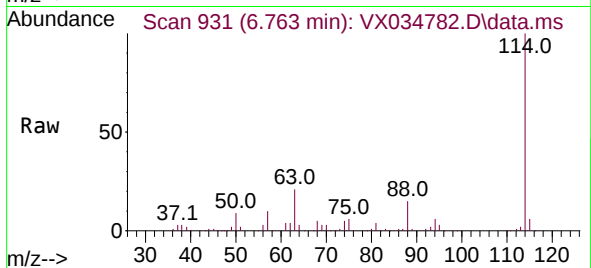




#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX034782.D  
Acq: 28 Mar 2023 10:27

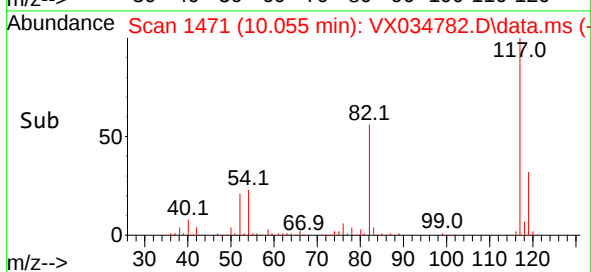
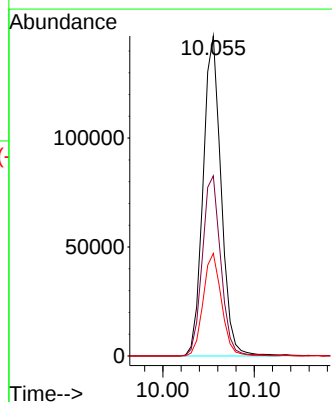
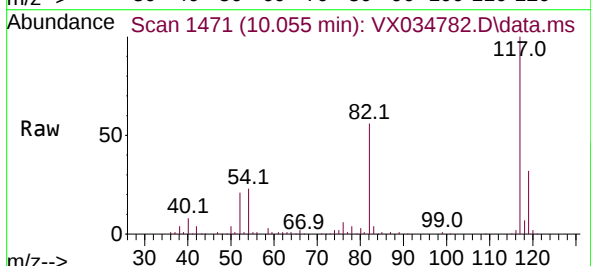
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBL01

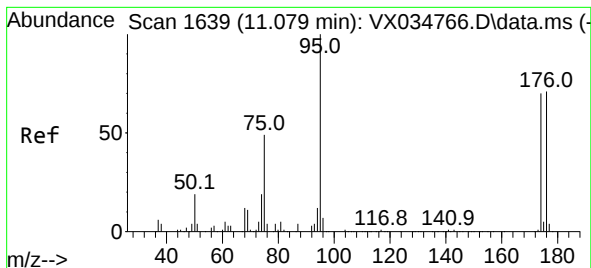
Tgt Ion:114 Resp: 195540  
Ion Ratio Lower Upper  
114 100  
63 21.4 18.0 27.0  
88 16.0 13.3 19.9



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX034782.D  
Acq: 28 Mar 2023 10:27

Tgt Ion:117 Resp: 200820  
Ion Ratio Lower Upper  
117 100  
82 57.6 45.8 68.8  
119 32.5 25.4 38.0

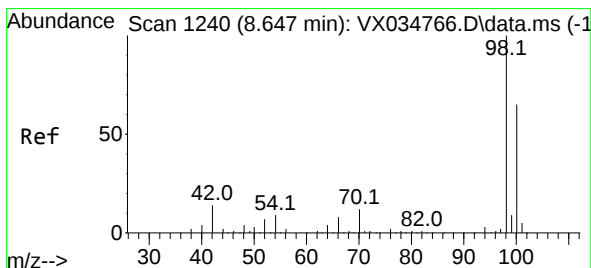
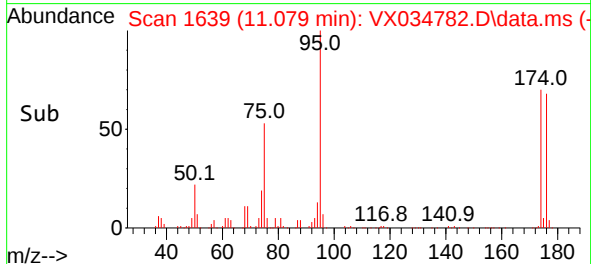
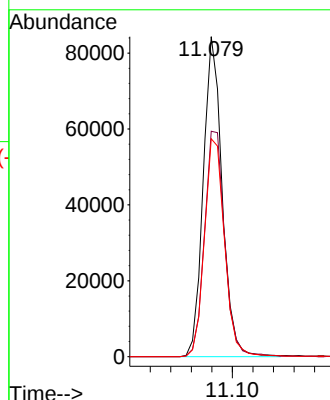
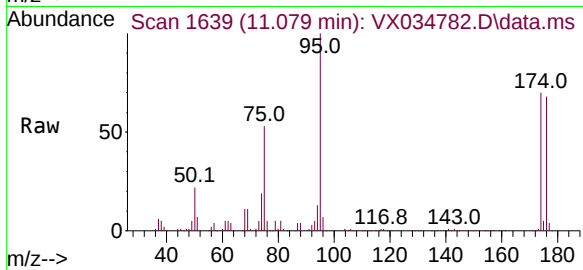




#60  
4-Bromofluorobenzene  
Concen: 26.886 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034782.D  
Acq: 28 Mar 2023 10:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBL01

Tgt Ion: 95 Resp: 107885  
Ion Ratio Lower Upper  
95 100  
174 75.3 0.2 0.4#  
176 72.5 0.2 0.2#



#63  
Toluene-d8  
Concen: 30.227 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX034782.D  
Acq: 28 Mar 2023 10:27

Tgt Ion: 98 Resp: 206284  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.1 78.1

