

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100523\  
 Data File : VX038112.D  
 Acq On : 05 Oct 2023 20:46  
 Operator : JC/MD  
 Sample : VX1005WBL03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1005WBL03

Quant Time: Oct 06 06:34:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X092723W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Sep 28 06:08:32 2023  
 Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 4.904  | 128  | 22440    | 30.000 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.763  | 114  | 129141   | 30.000 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.055 | 117  | 123968   | 30.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 27) 1,2-Dichloroethane-d4   | 5.964  | 65    | 58817    | 36.361   | ug/l | 0.00      |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =    | 121.200%# |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 56635    | 28.025   | ug/l | 0.00      |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =    | 93.400%   |
| 63) Toluene-d8              | 8.653  | 98    | 162295   | 30.327   | ug/l | 0.00      |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =    | 101.100%  |

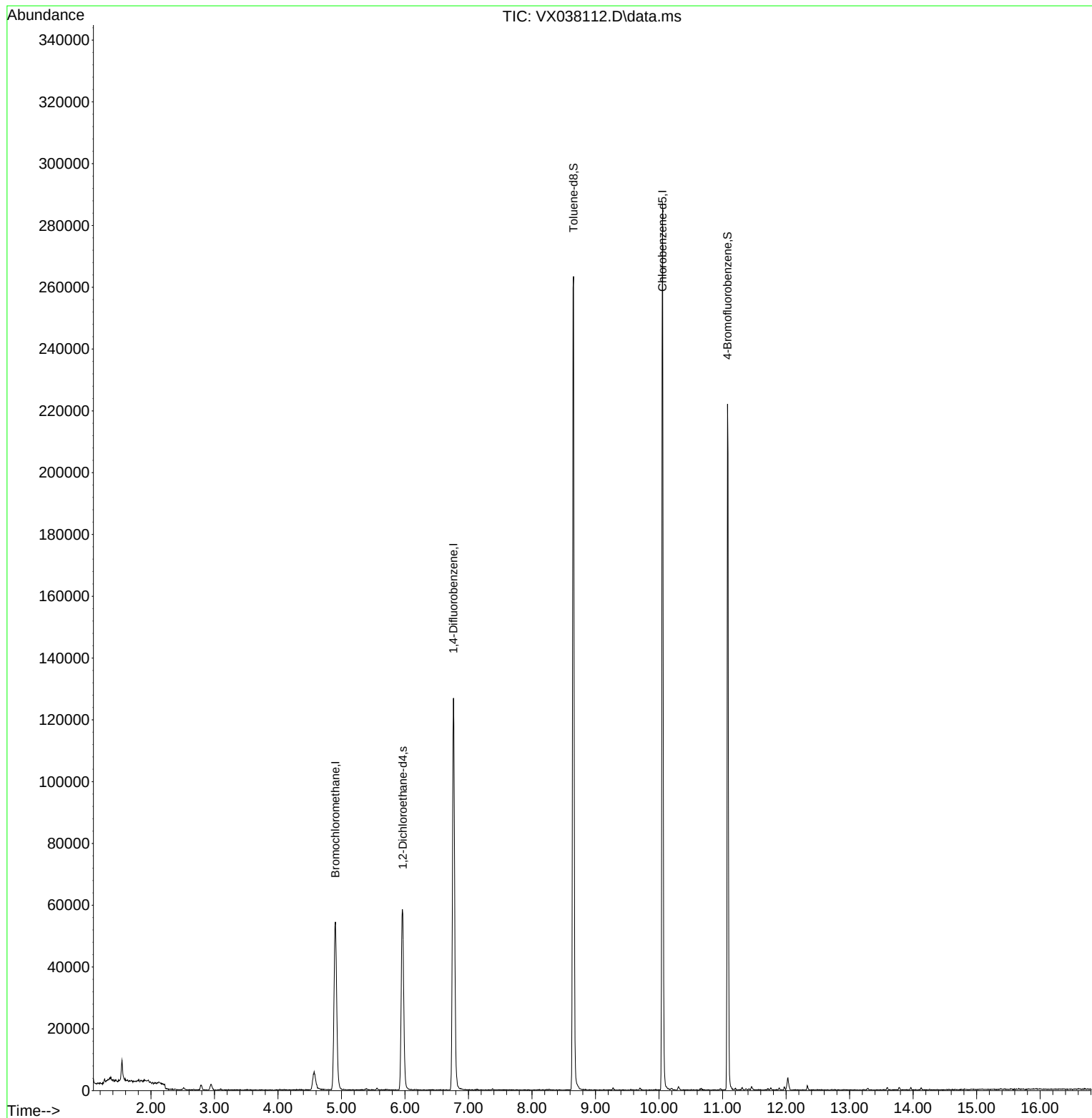
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

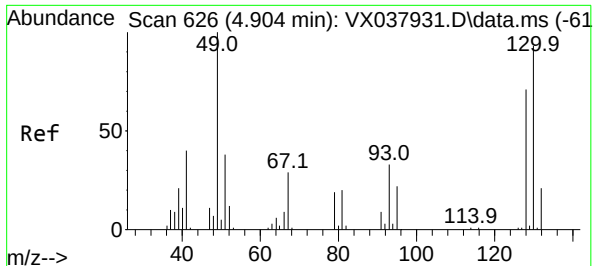
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 28 06:08:32 2023  
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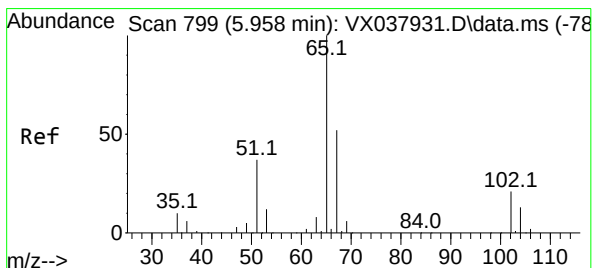
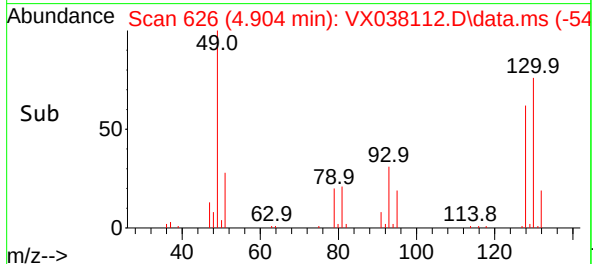
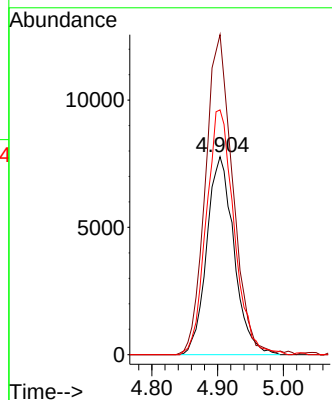
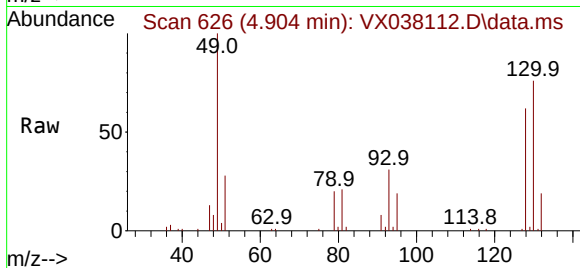




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.904 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX038112.D  
Acq: 05 Oct 2023 20:46

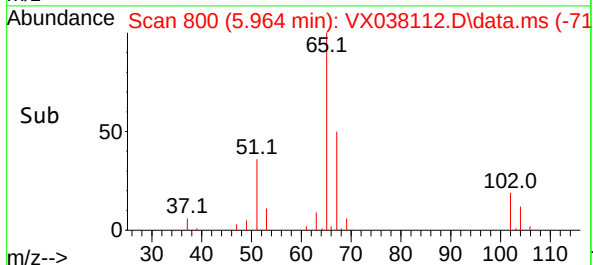
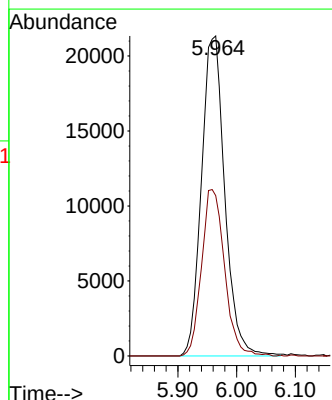
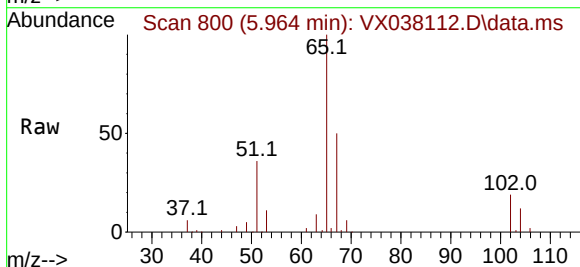
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBL03

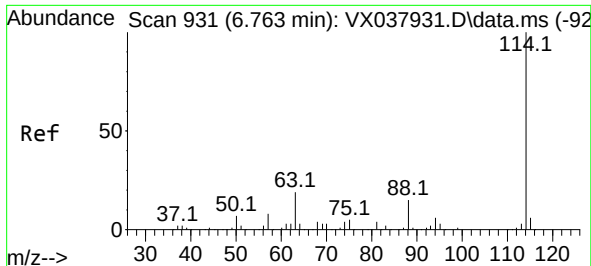
Tgt Ion:128 Resp: 22440  
Ion Ratio Lower Upper  
128 100  
49 162.1 0.0 406.3  
130 126.5 0.0 328.0



#27  
1,2-Dichloroethane-d4  
Concen: 36.361 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: VX038112.D  
Acq: 05 Oct 2023 20:46

Tgt Ion: 65 Resp: 58817  
Ion Ratio Lower Upper  
65 100  
67 50.8 42.1 63.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX038112.D

Acq: 05 Oct 2023 20:46

Instrument :

MSVOA\_X

ClientSampleId :

VX1005WBL03

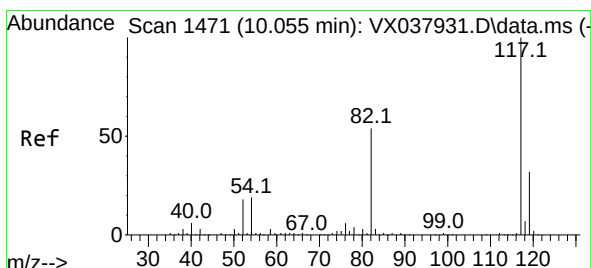
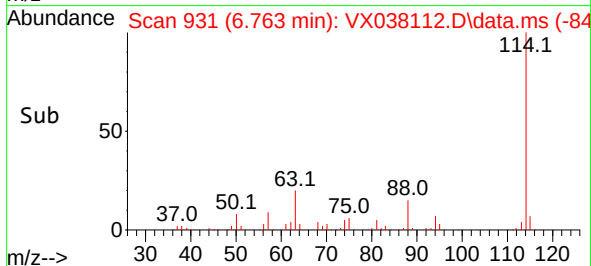
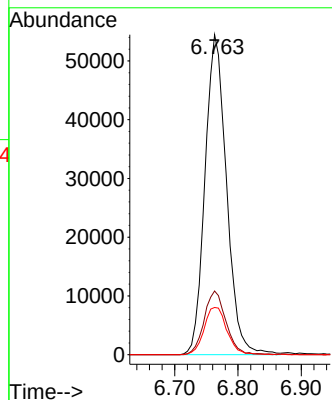
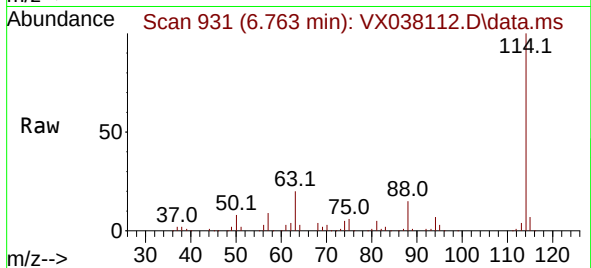
Tgt Ion:114 Resp: 129141

Ion Ratio Lower Upper

114 100

63 20.0 16.6 24.8

88 15.6 12.9 19.3



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038112.D

Acq: 05 Oct 2023 20:46

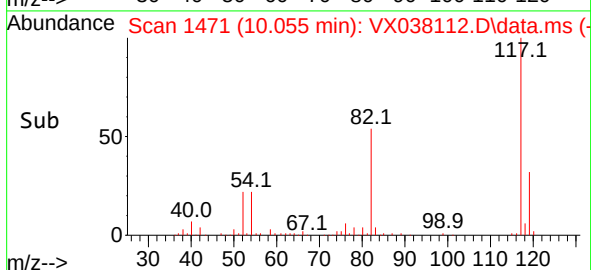
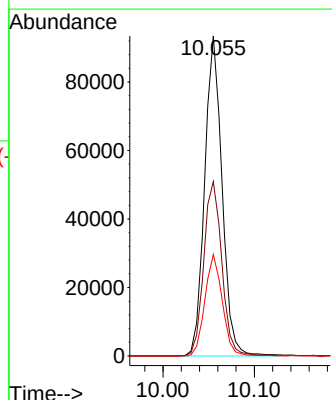
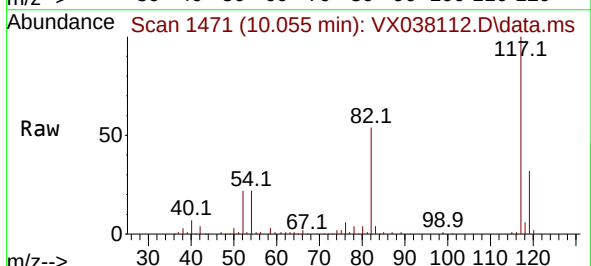
Tgt Ion:117 Resp: 123968

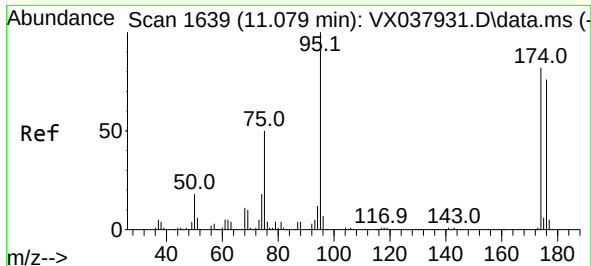
Ion Ratio Lower Upper

117 100

82 56.4 44.7 67.1

119 31.6 25.6 38.4

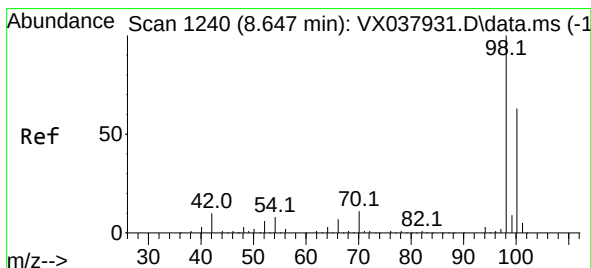
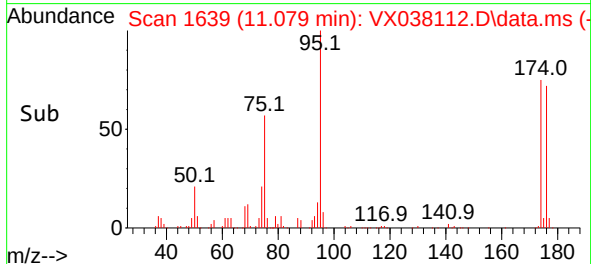
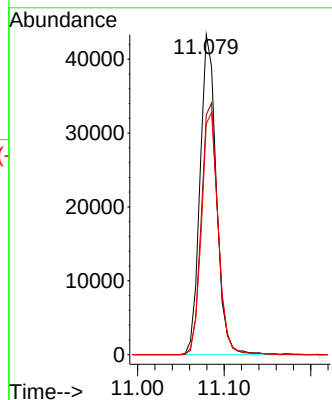
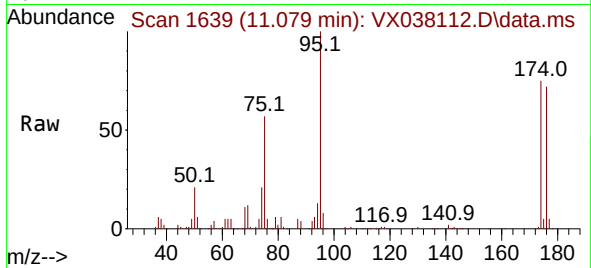




#60  
4-Bromofluorobenzene  
Concen: 28.025 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038112.D  
Acq: 05 Oct 2023 20:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBL03

Tgt Ion: 95 Resp: 56635  
Ion Ratio Lower Upper  
95 100  
174 79.7 60.5 90.7  
176 77.4 58.2 87.4



#63  
Toluene-d8  
Concen: 30.327 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.006 min  
Lab File: VX038112.D  
Acq: 05 Oct 2023 20:46

Tgt Ion: 98 Resp: 162295  
Ion Ratio Lower Upper  
98 100  
100 62.5 51.6 77.4

