

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032224\  
 Data File : VX040779.D  
 Acq On : 22 Mar 2024 14:43  
 Operator : JC/MD  
 Sample : P1836-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 240308028-07

Quant Time: Mar 23 05:05:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X030524W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 05 13:21:29 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Bromochloromethane       | 4.903  | 128   | 15691    | 30.000   | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene     | 6.763  | 114   | 86850    | 30.000   | ug/l  | 0.00     |
| 57) Chlorobenzene-d5        | 10.055 | 117   | 78721    | 30.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 27) 1,2-Dichloroethane-d4   | 5.958  | 65    | 44532    | 28.416   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =     | 94.733%  |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 38588    | 28.577   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =     | 95.267%  |
| 63) Toluene-d8              | 8.647  | 98    | 106341   | 30.567   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =     | 101.900% |

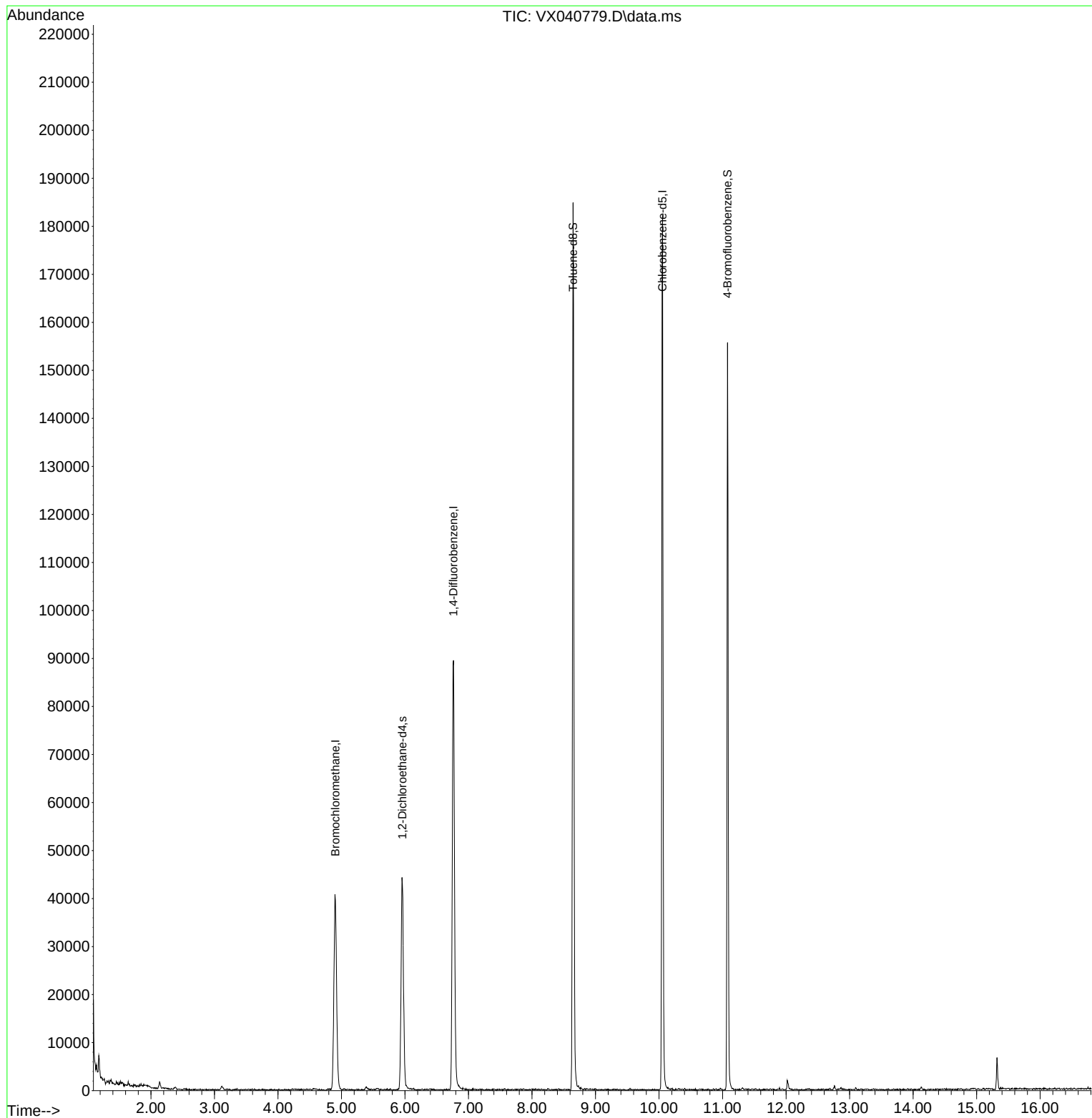
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

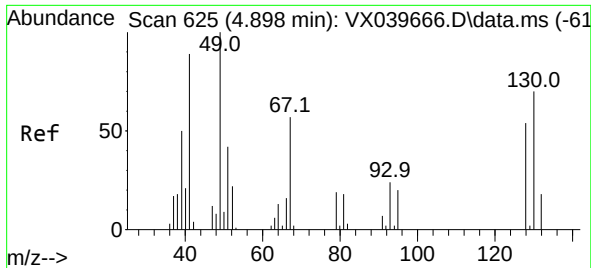
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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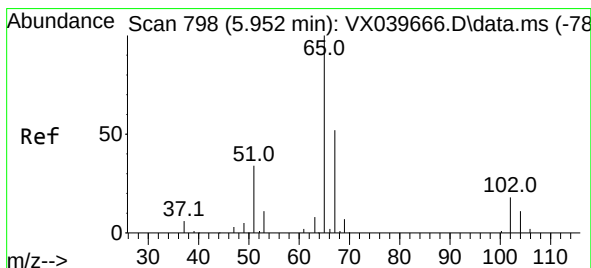
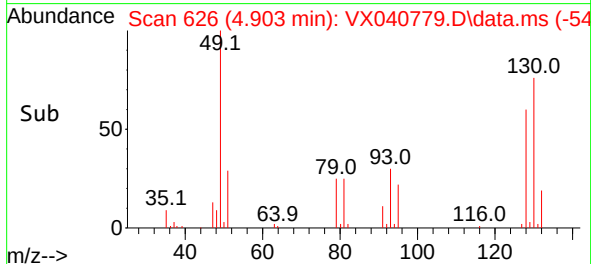
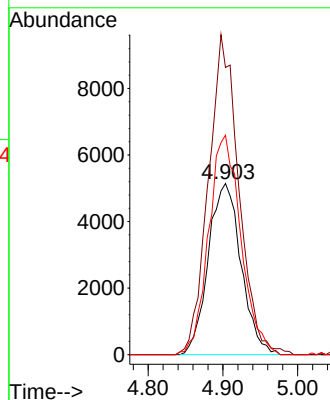
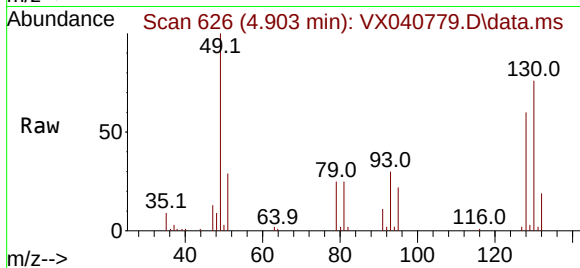




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.903 min Scan# 61  
Delta R.T. 0.005 min  
Lab File: VX040779.D  
Acq: 22 Mar 2024 14:43

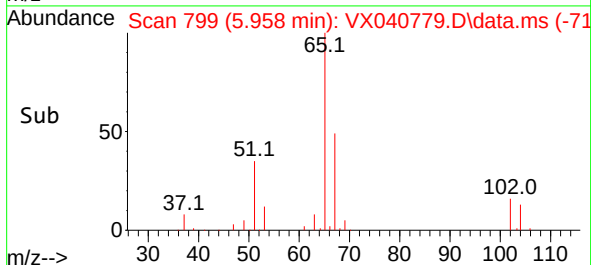
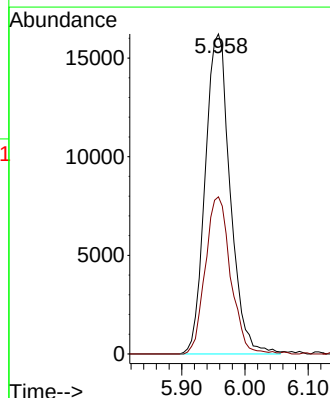
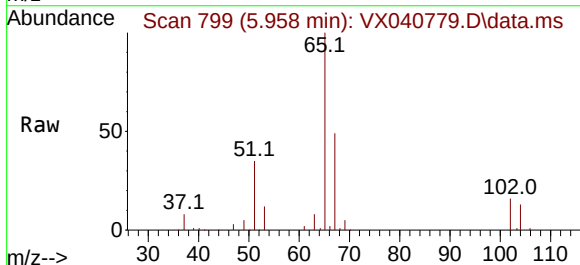
Instrument :  
MSVOA\_X  
ClientSampleId :  
240308028-07

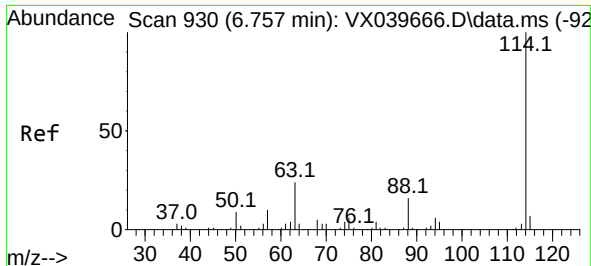
Tgt Ion:128 Resp: 15691  
Ion Ratio Lower Upper  
128 100  
49 173.0 0.0 444.0  
130 126.1 0.0 297.8



#27  
1,2-Dichloroethane-d4  
Concen: 28.416 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX040779.D  
Acq: 22 Mar 2024 14:43

Tgt Ion: 65 Resp: 44532  
Ion Ratio Lower Upper  
65 100  
67 49.4 42.5 63.7

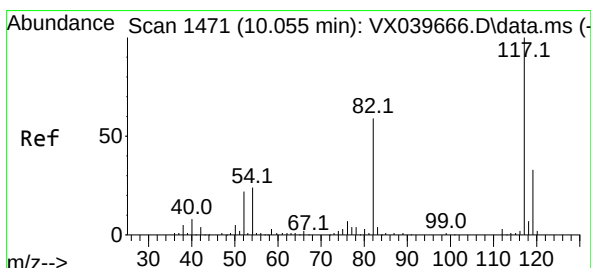
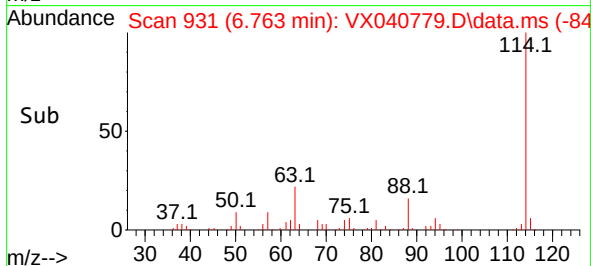
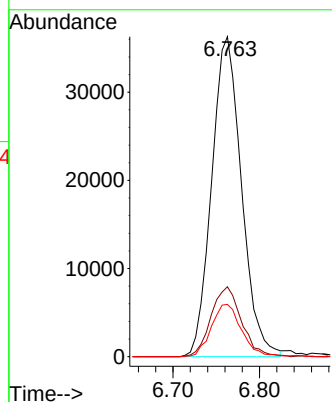
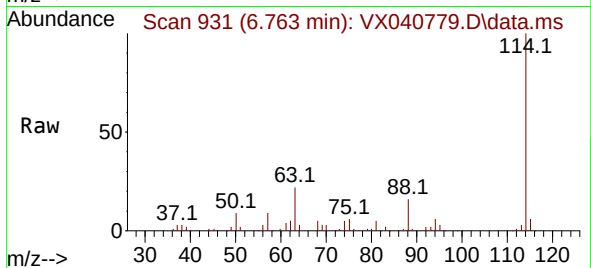




#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VX040779.D  
Acq: 22 Mar 2024 14:43

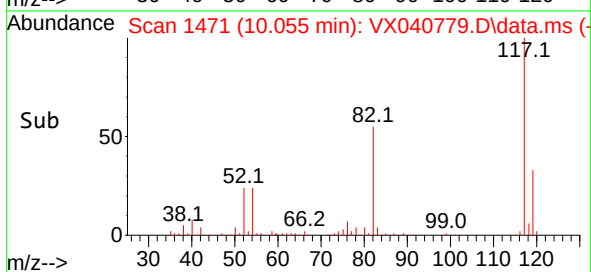
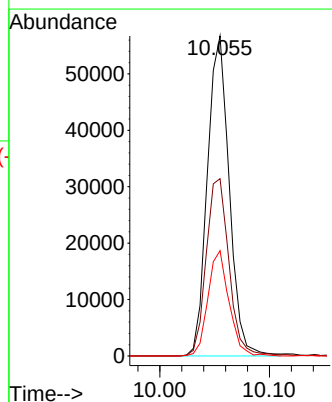
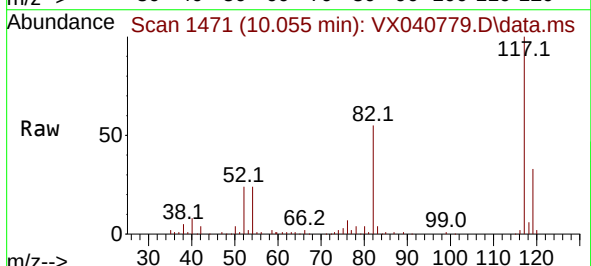
Instrument :  
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ClientSampleId :  
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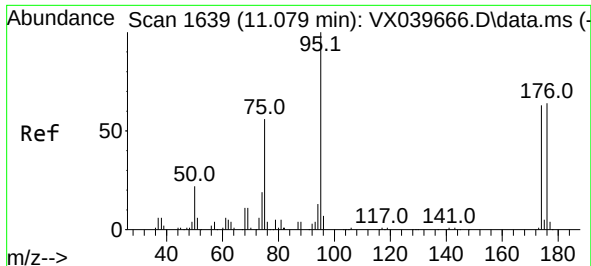
Tgt Ion:114 Resp: 86850  
Ion Ratio Lower Upper  
114 100  
63 22.2 17.0 25.4  
88 16.4 12.7 19.1



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX040779.D  
Acq: 22 Mar 2024 14:43

Tgt Ion:117 Resp: 78721  
Ion Ratio Lower Upper  
117 100  
82 57.9 47.0 70.6  
119 31.4 25.2 37.8

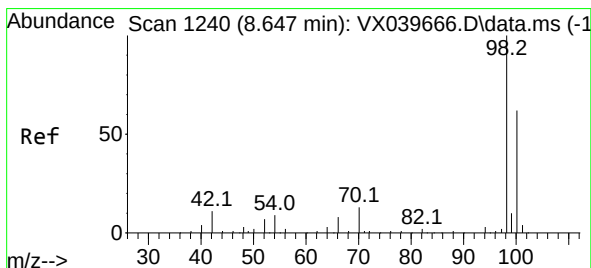
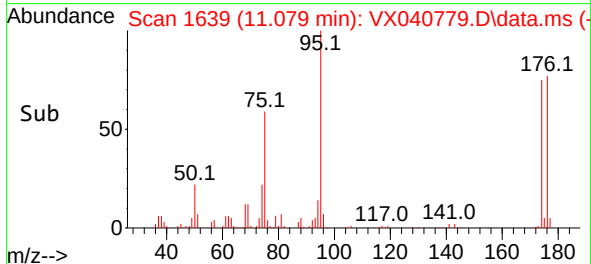
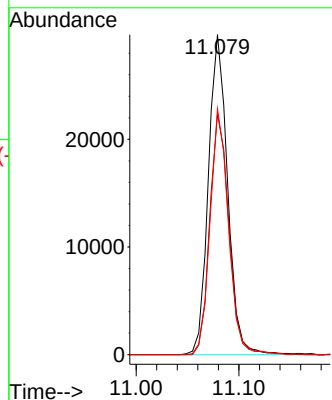
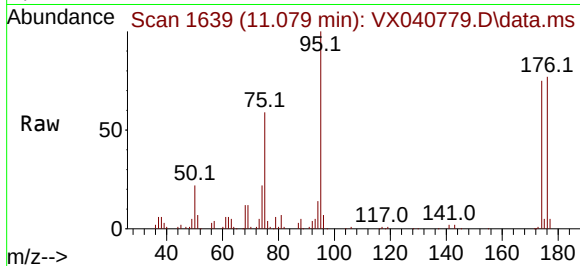




#60  
4-Bromofluorobenzene  
Concen: 28.577 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040779.D  
Acq: 22 Mar 2024 14:43

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MSVOA\_X  
ClientSampleId :  
240308028-07

Tgt Ion: 95 Resp: 38588  
Ion Ratio Lower Upper  
95 100  
174 75.4 55.4 83.2  
176 73.1 52.6 78.8



#63  
Toluene-d8  
Concen: 30.567 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX040779.D  
Acq: 22 Mar 2024 14:43

Tgt Ion: 98 Resp: 106341  
Ion Ratio Lower Upper  
98 100  
100 62.2 51.0 76.4

