

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120823\  
 Data File : VX039097.D  
 Acq On : 08 Dec 2023 11:38  
 Operator : JC/MD  
 Sample : VX1208WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1208WBL01

Quant Time: Dec 08 23:46:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X112423W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Nov 27 03:22:25 2023  
 Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 4.903  | 128  | 10598    | 30.000 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.763  | 114  | 88350    | 30.000 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.055 | 117  | 105553   | 30.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 27) 1,2-Dichloroethane-d4   | 5.952  | 65    | 45196    | 31.172   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =    | 103.900% |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 67831    | 29.422   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =    | 98.067%  |
| 63) Toluene-d8              | 8.647  | 98    | 125432   | 30.057   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =    | 100.200% |

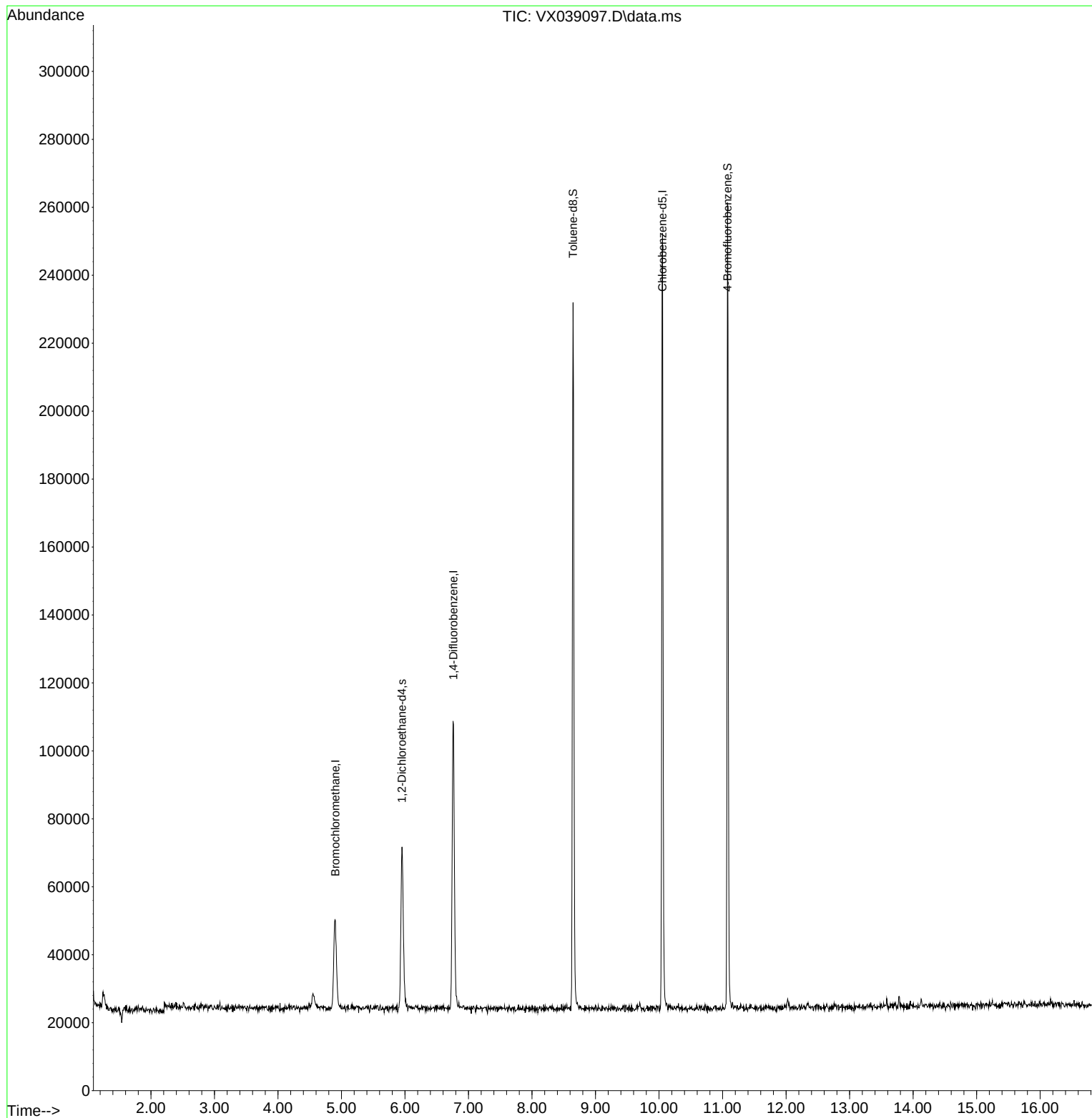
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

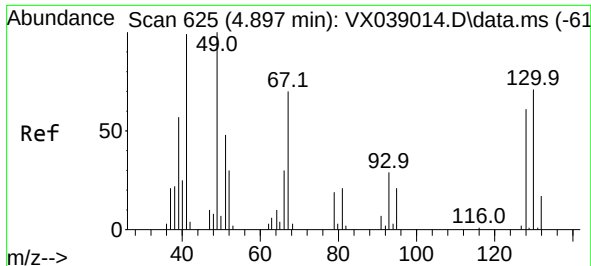
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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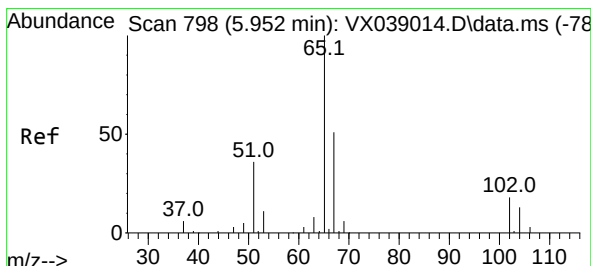
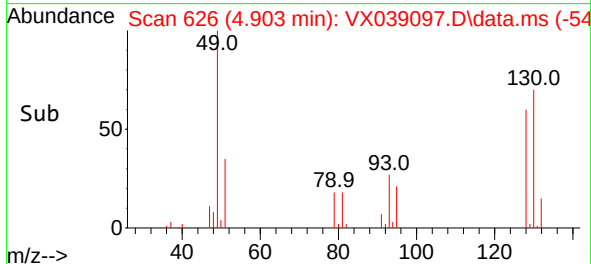
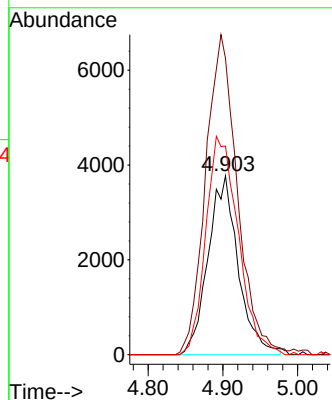
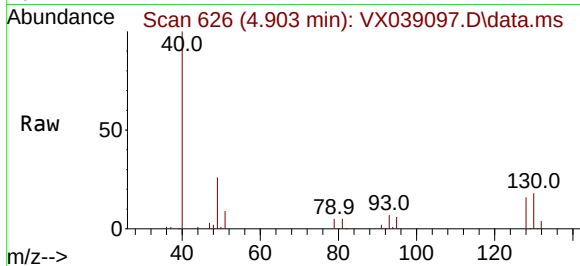




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.903 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX039097.D  
Acq: 08 Dec 2023 11:38

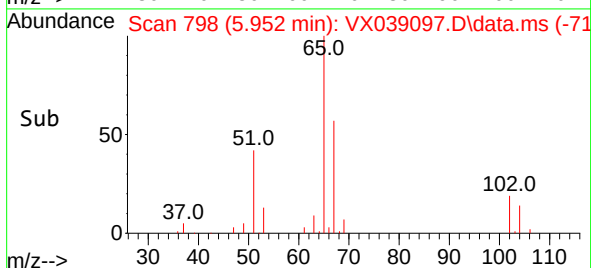
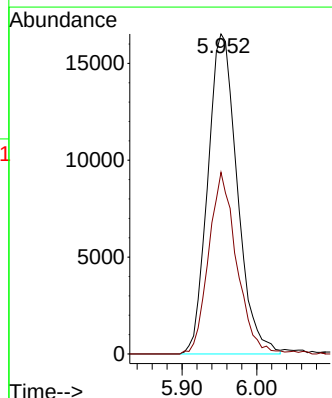
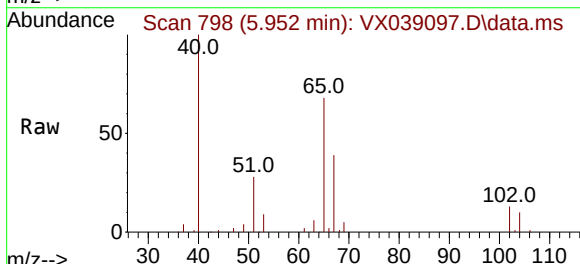
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBL01

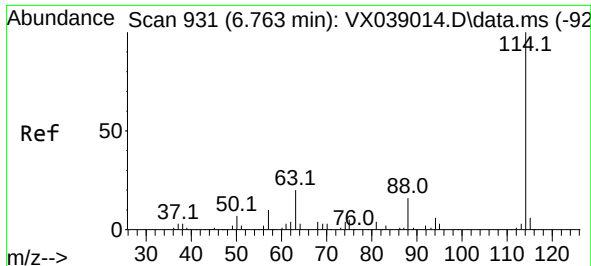
Tgt Ion:128 Resp: 10598  
Ion Ratio Lower Upper  
128 100  
49 188.2 0.0 444.0  
130 131.2 0.0 297.8



#27  
1,2-Dichloroethane-d4  
Concen: 31.172 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX039097.D  
Acq: 08 Dec 2023 11:38

Tgt Ion: 65 Resp: 45196  
Ion Ratio Lower Upper  
65 100  
67 53.6 42.5 63.7

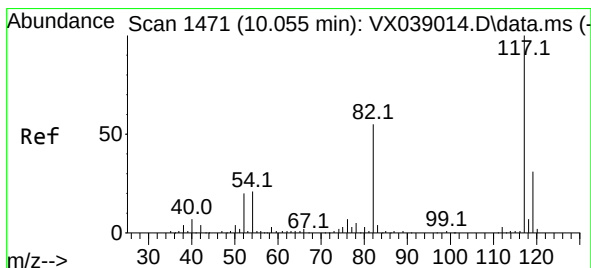
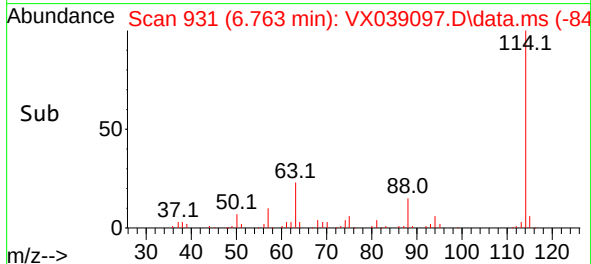
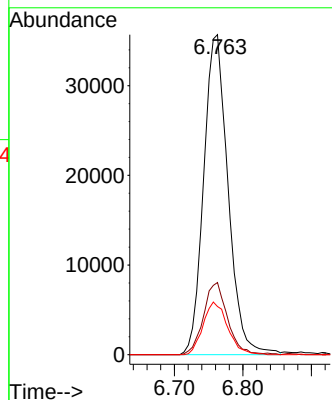
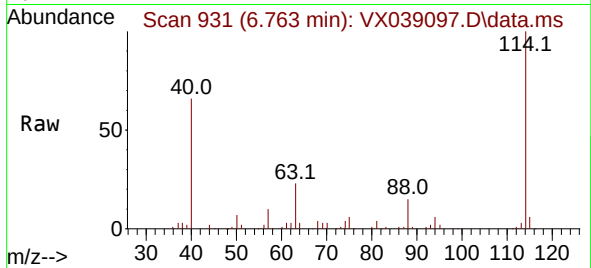




#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX039097.D  
Acq: 08 Dec 2023 11:38

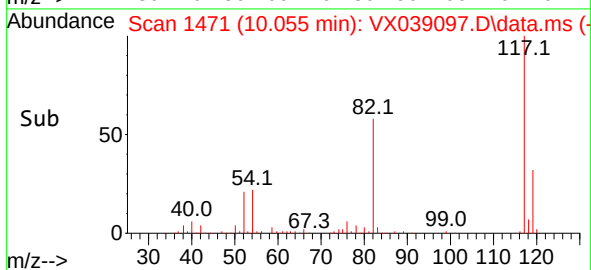
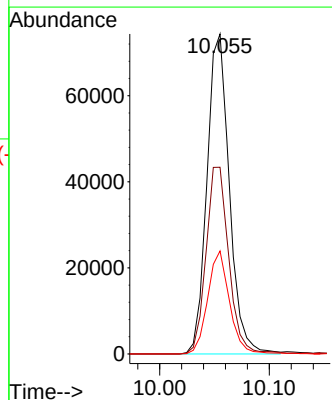
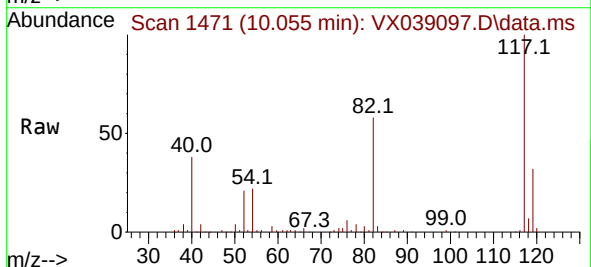
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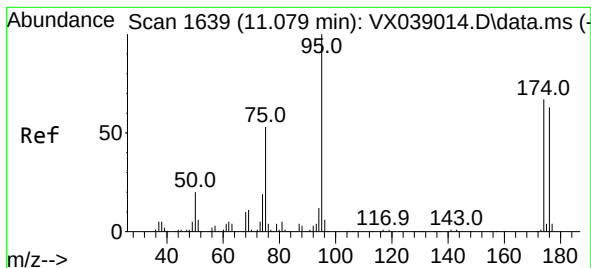
Tgt Ion:114 Resp: 88350  
Ion Ratio Lower Upper  
114 100  
63 22.1 17.0 25.4  
88 16.6 12.7 19.1



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX039097.D  
Acq: 08 Dec 2023 11:38

Tgt Ion:117 Resp: 105553  
Ion Ratio Lower Upper  
117 100  
82 59.4 47.0 70.6  
119 31.4 25.2 37.8

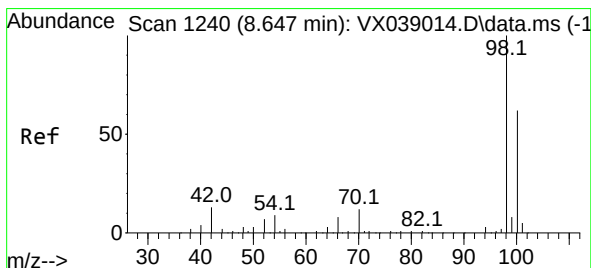
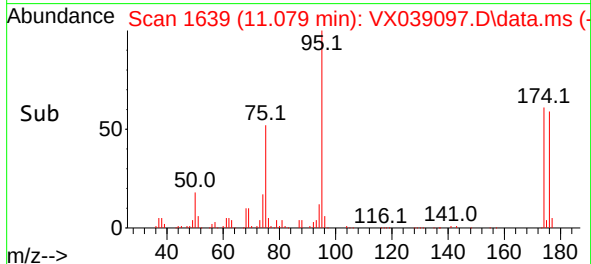
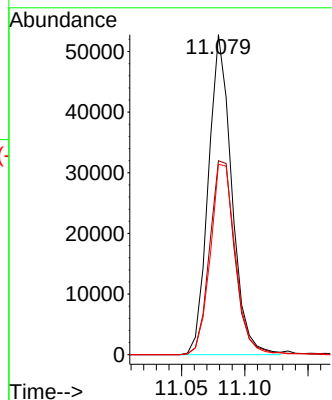
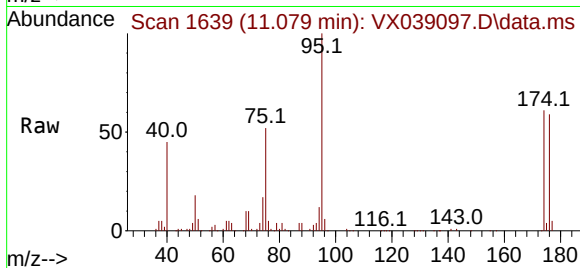




#60  
4-Bromofluorobenzene  
Concen: 29.422 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX039097.D  
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VX1208WBL01

Tgt Ion: 95 Resp: 67831  
Ion Ratio Lower Upper  
95 100  
174 65.6 55.4 83.2  
176 63.8 52.6 78.8



#63  
Toluene-d8  
Concen: 30.057 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX039097.D  
Acq: 08 Dec 2023 11:38

Tgt Ion: 98 Resp: 125432  
Ion Ratio Lower Upper  
98 100  
100 65.5 51.0 76.4

