

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111122\  
 Data File : VX032770.D  
 Acq On : 11 Nov 2022 13:28  
 Operator : JC/MD  
 Sample : N5534-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 B-3(OW)

Quant Time: Nov 14 05:12:07 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X111022W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Nov 11 05:24:06 2022  
 Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 4.903  | 128  | 10663    | 30.000 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.763  | 114  | 73761    | 30.000 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.055 | 117  | 77719    | 30.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 27) 1,2-Dichloroethane-d4   | 5.958  | 65    | 31087    | 30.220   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =    | 100.733% |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 41047    | 27.610   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =    | 92.033%  |
| 63) Toluene-d8              | 8.653  | 98    | 79066    | 30.145   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =    | 100.500% |

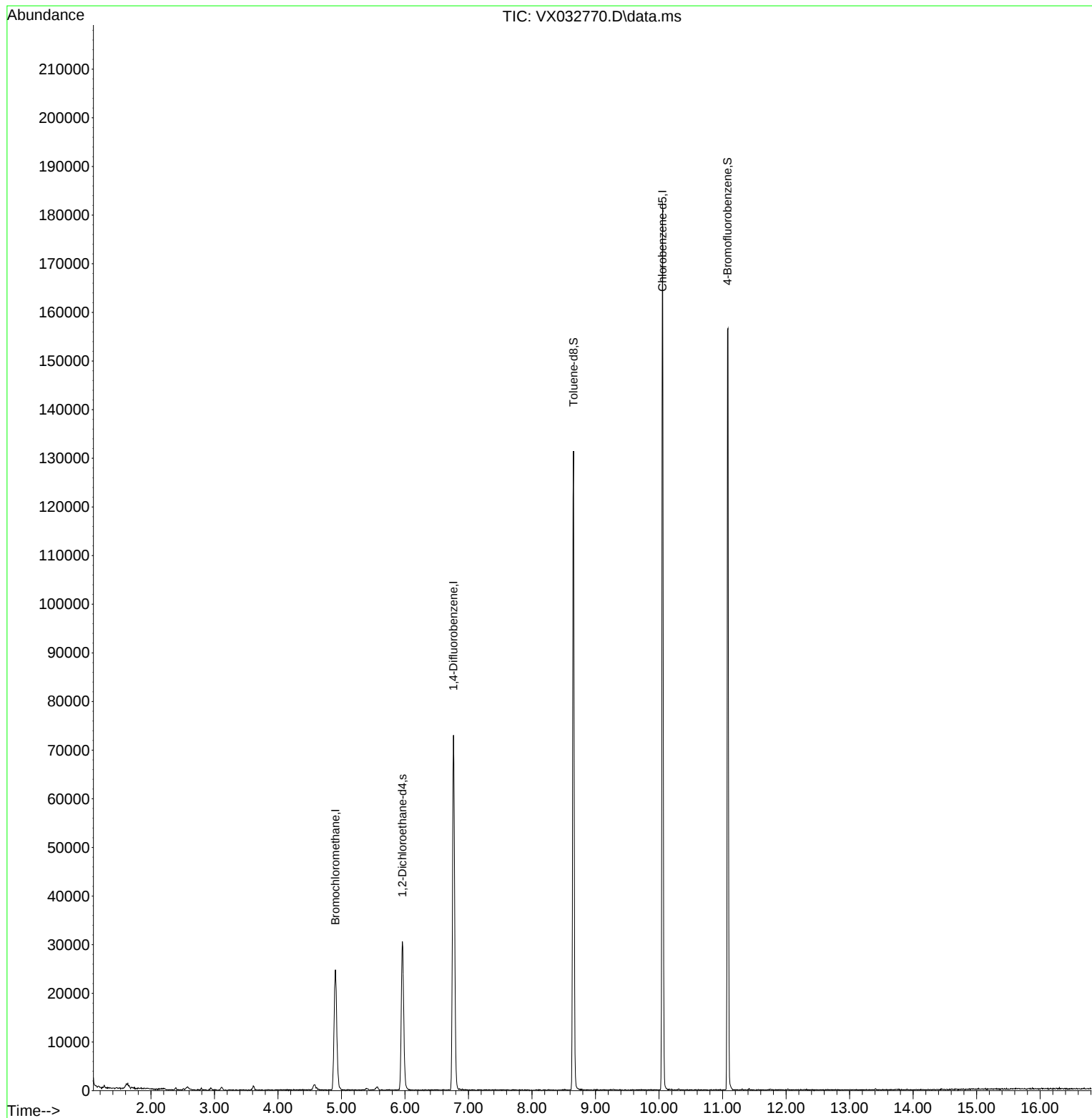
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

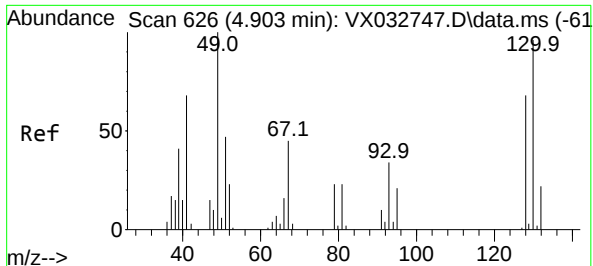
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 11 05:24:06 2022  
Response via : Initial Calibration

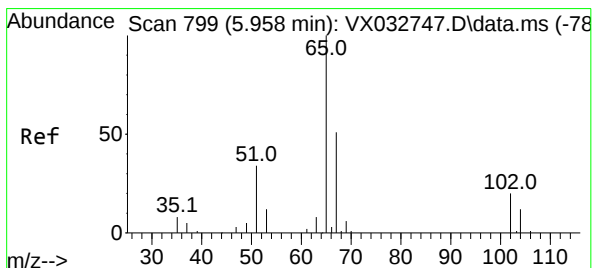
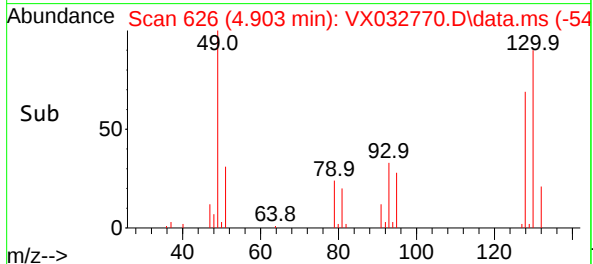
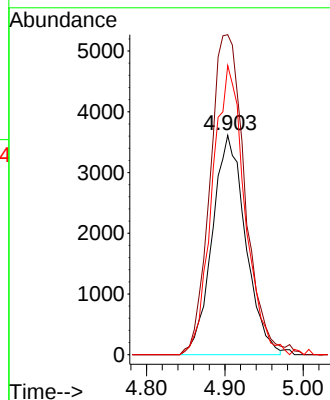
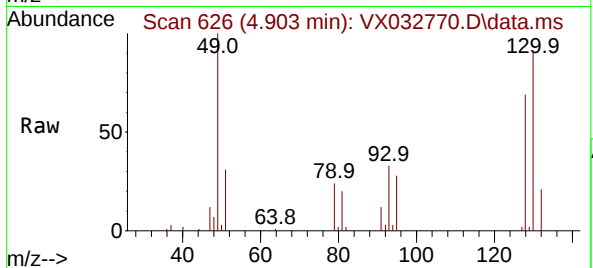




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.903 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX032770.D  
Acq: 11 Nov 2022 13:28

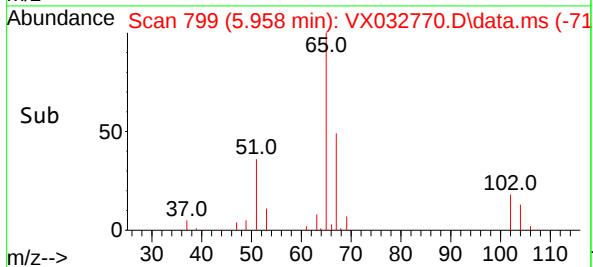
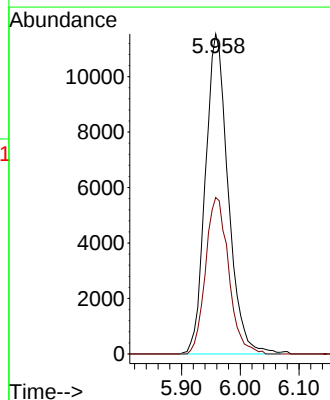
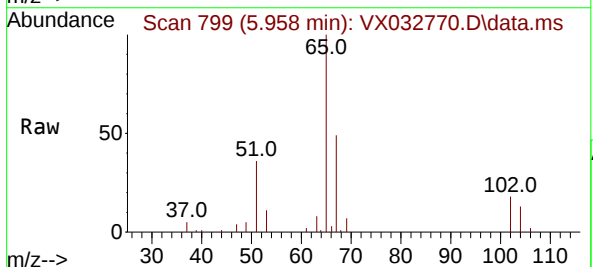
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-3(OW)

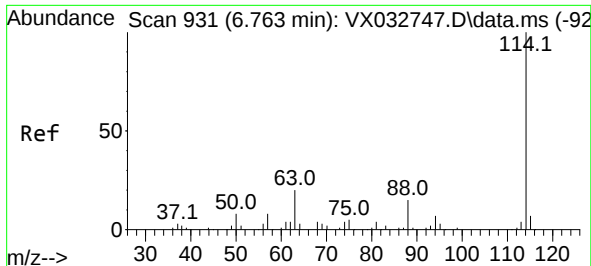
Tgt Ion:128 Resp: 10663  
Ion Ratio Lower Upper  
128 100  
49 152.6 0.0 293.0  
130 128.6 0.0 321.5



#27  
1,2-Dichloroethane-d4  
Concen: 30.220 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX032770.D  
Acq: 11 Nov 2022 13:28

Tgt Ion: 65 Resp: 31087  
Ion Ratio Lower Upper  
65 100  
67 49.5 41.8 62.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX032770.D

Acq: 11 Nov 2022 13:28

Instrument :

MSVOA\_X

ClientSampleId :

B-3(OW)

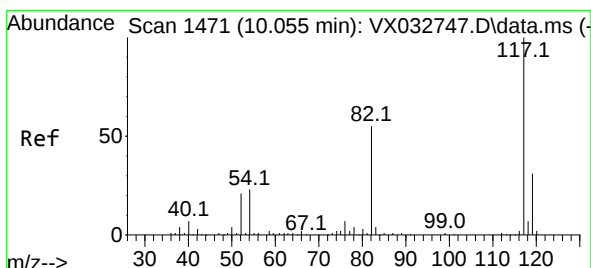
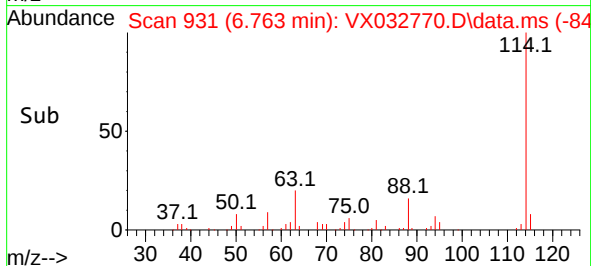
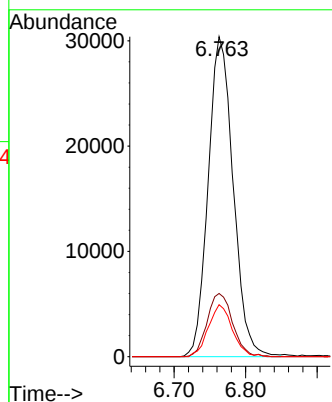
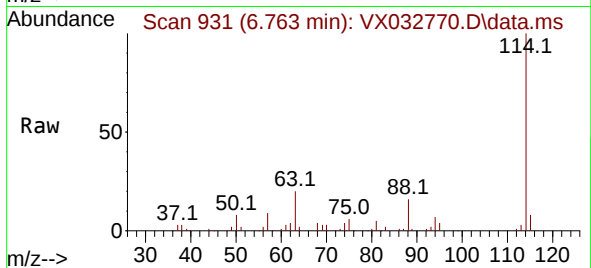
Tgt Ion:114 Resp: 73761

Ion Ratio Lower Upper

114 100

63 20.2 13.6 20.4

88 15.5 11.8 17.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032770.D

Acq: 11 Nov 2022 13:28

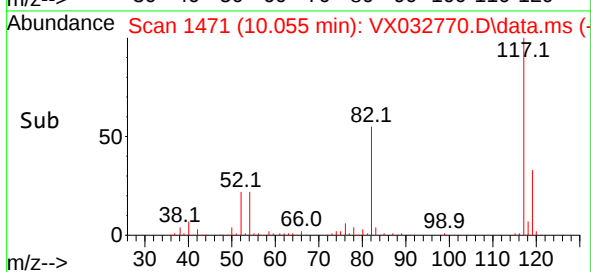
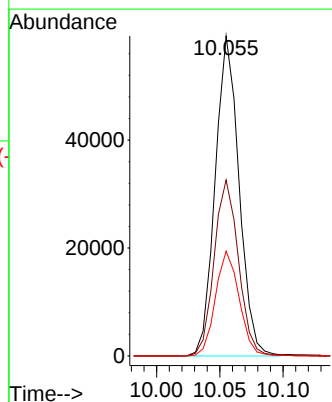
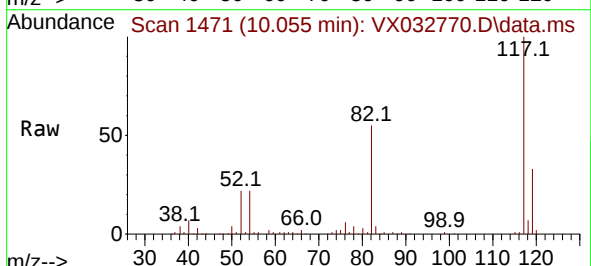
Tgt Ion:117 Resp: 77719

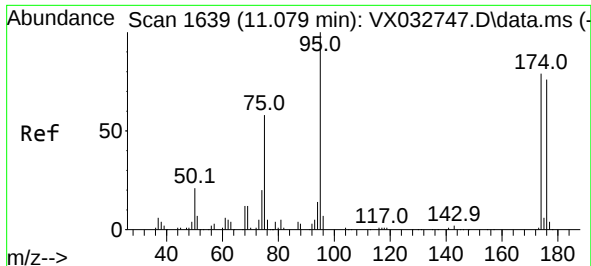
Ion Ratio Lower Upper

117 100

82 56.0 40.0 60.0

119 32.7 26.0 39.0

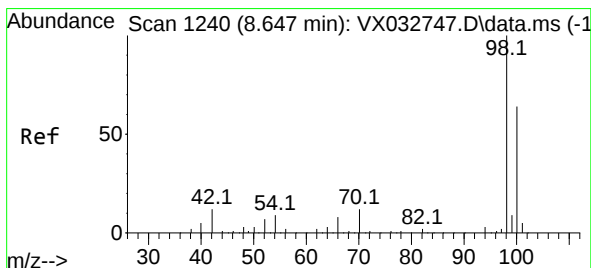
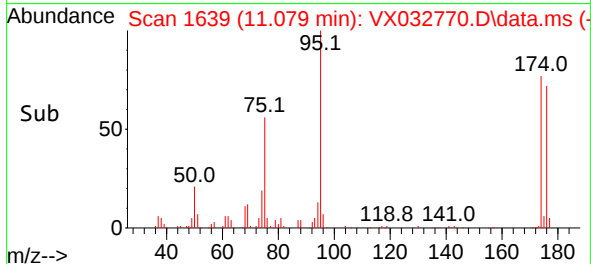
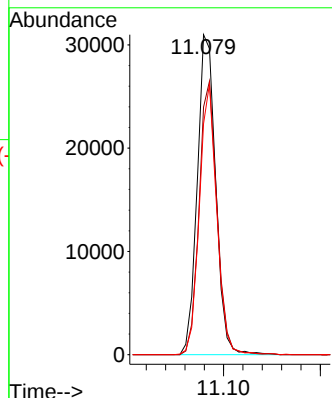
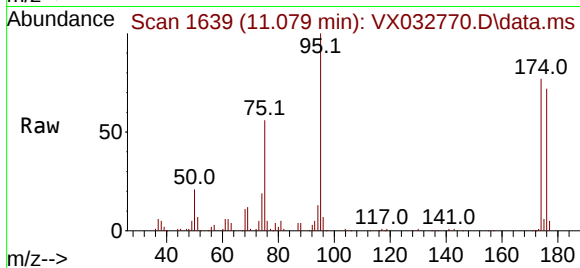




#60  
4-Bromofluorobenzene  
Concen: 27.610 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX032770.D  
Acq: 11 Nov 2022 13:28

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MSVOA\_X  
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B-3(OW)

Tgt Ion: 95 Resp: 41047  
Ion Ratio Lower Upper  
95 100  
174 83.1 68.2 102.2  
176 79.9 68.1 102.1



#63  
Toluene-d8  
Concen: 30.145 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.006 min  
Lab File: VX032770.D  
Acq: 11 Nov 2022 13:28

Tgt Ion: 98 Resp: 79066  
Ion Ratio Lower Upper  
98 100  
100 63.0 53.8 80.8

