

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041124\  
 Data File : VN081696.D  
 Acq On : 11 Apr 2024 14:46  
 Operator : JC\MD  
 Sample : VN0411WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0411WBL01

Quant Time: Apr 12 06:01:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041024W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Apr 11 09:25:01 2024  
 Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 7.818  | 128  | 26598    | 30.000 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 9.100  | 114  | 158697   | 30.000 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.871 | 117  | 205126   | 30.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 27) 1,2-Dichloroethane-d4   | 8.583  | 65    | 98368    | 30.104   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =    | 100.333% |
| 60) 4-Bromofluorobenzene    | 12.853 | 95    | 100511   | 24.923   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =    | 83.067%  |
| 63) Toluene-d8              | 10.571 | 98    | 233345   | 28.360   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =    | 94.533%  |

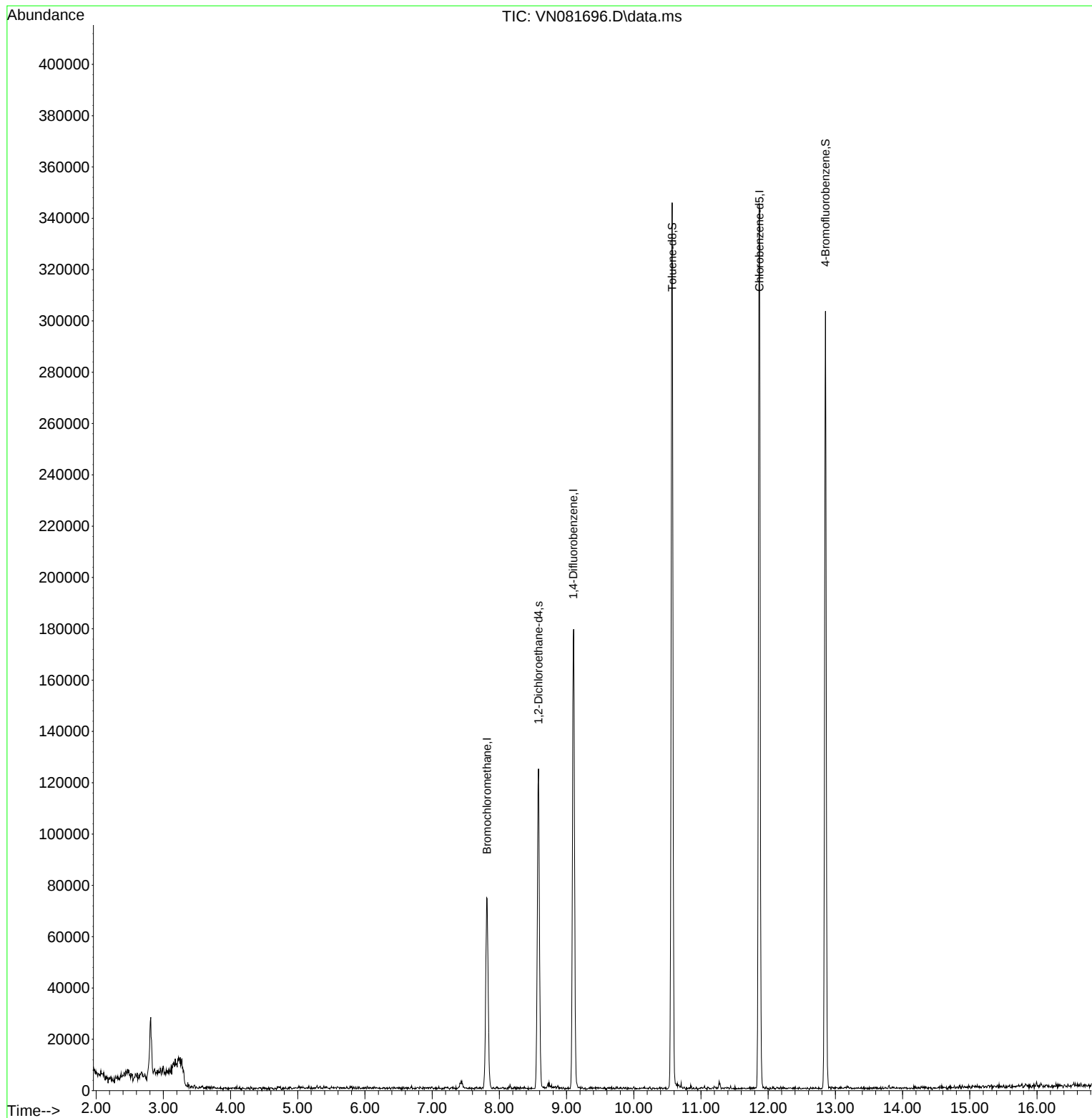
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

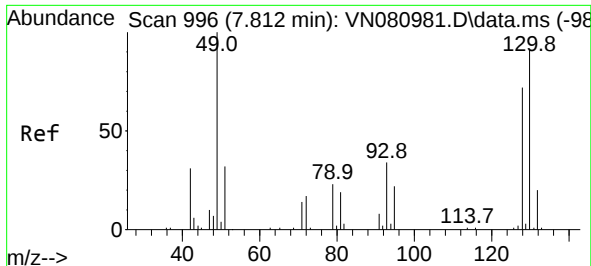
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041024W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Thu Apr 11 09:25:01 2024  
Response via : Initial Calibration

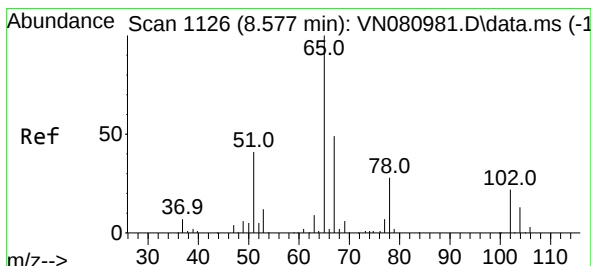
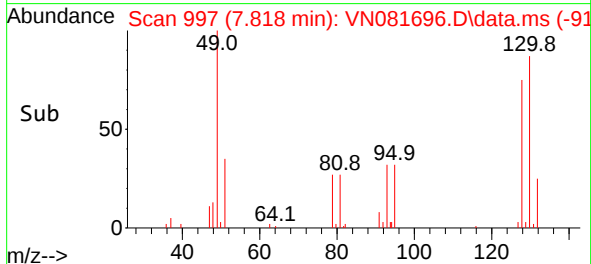
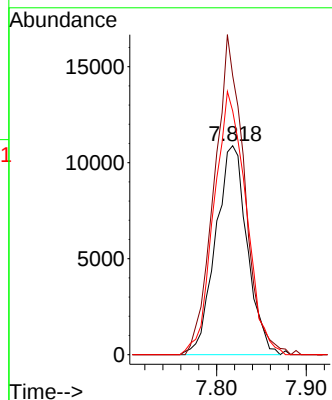
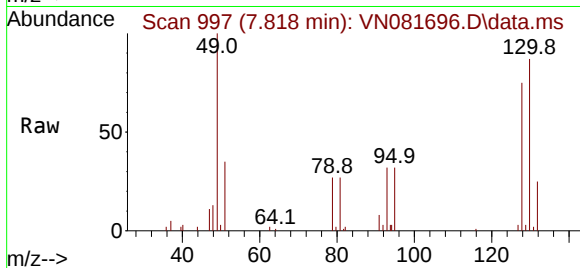




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.818 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN081696.D  
Acq: 11 Apr 2024 14:46

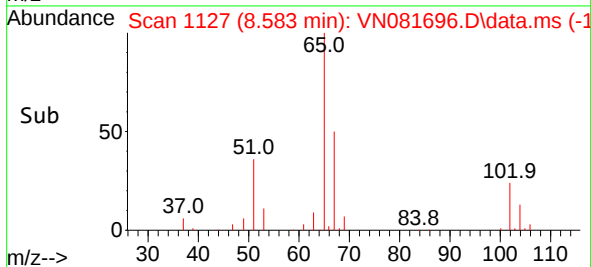
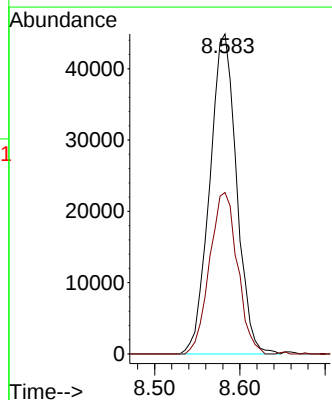
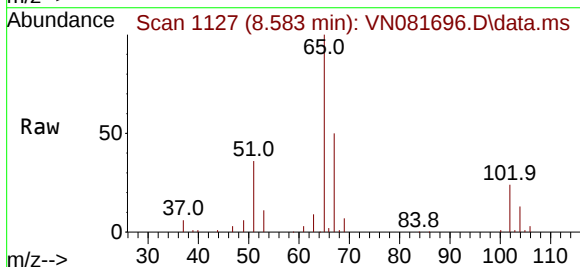
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0411WBL01

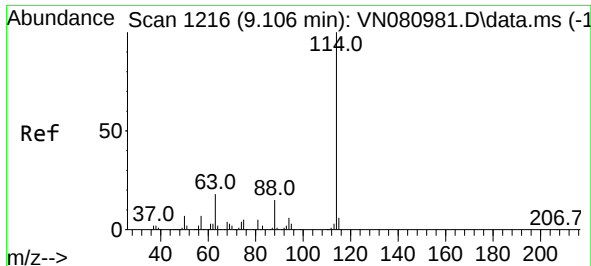
Tgt Ion:128 Resp: 26598  
Ion Ratio Lower Upper  
128 100  
49 145.0 0.0 403.7  
130 128.0 0.0 323.3



#27  
1,2-Dichloroethane-d4  
Concen: 30.104 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN081696.D  
Acq: 11 Apr 2024 14:46

Tgt Ion: 65 Resp: 98368  
Ion Ratio Lower Upper  
65 100  
67 52.3 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081696.D

Acq: 11 Apr 2024 14:46

Instrument :

MSVOA\_N

ClientSampleId :

VN0411WBL01

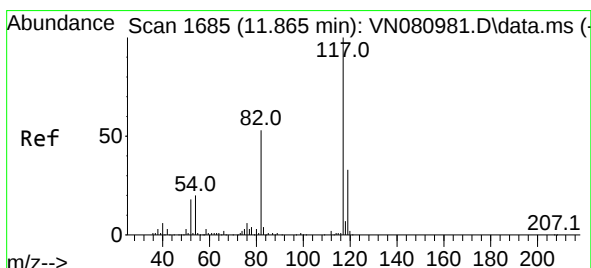
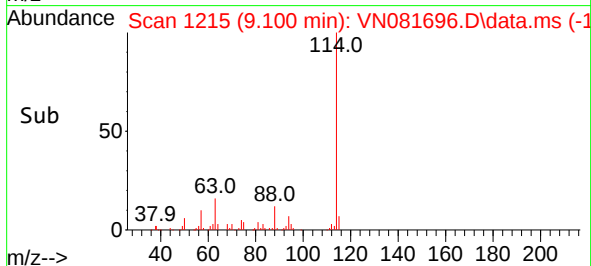
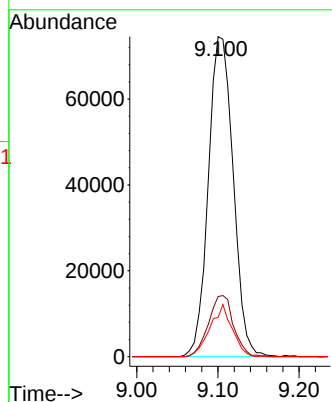
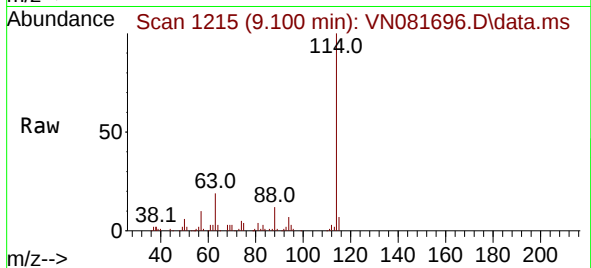
Tgt Ion:114 Resp: 158697

Ion Ratio Lower Upper

114 100

63 19.1 15.9 23.9

88 14.5 12.7 19.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VN081696.D

Acq: 11 Apr 2024 14:46

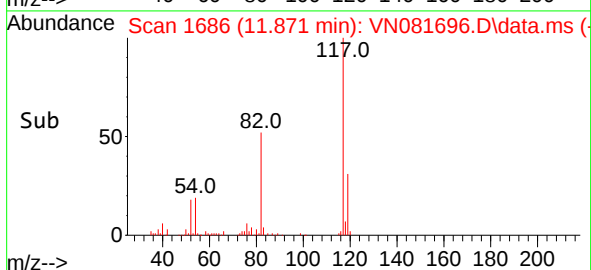
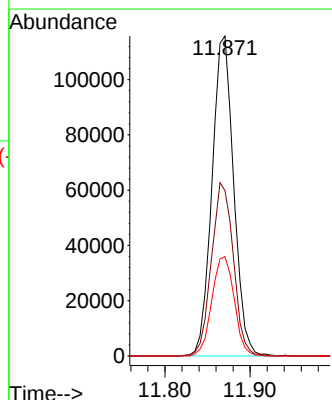
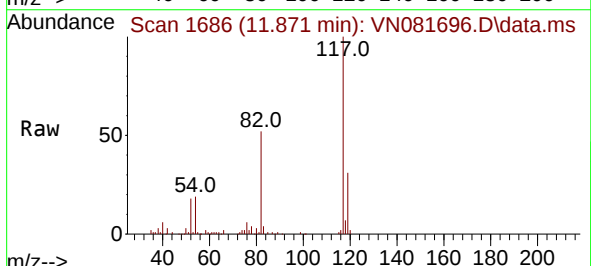
Tgt Ion:117 Resp: 205126

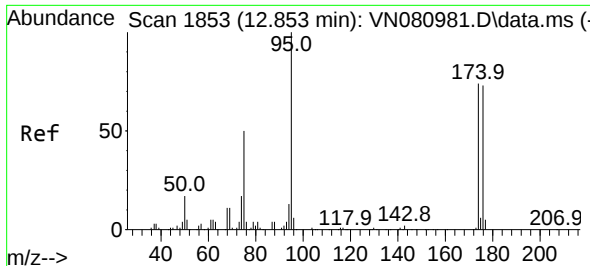
Ion Ratio Lower Upper

117 100

82 54.8 46.6 69.8

119 31.9 25.4 38.2

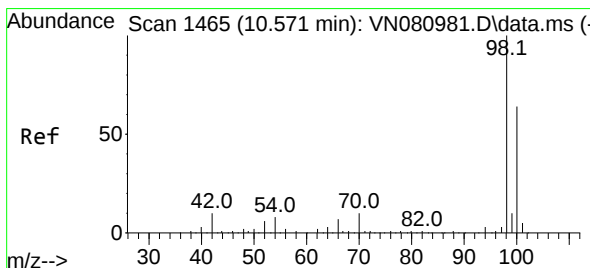
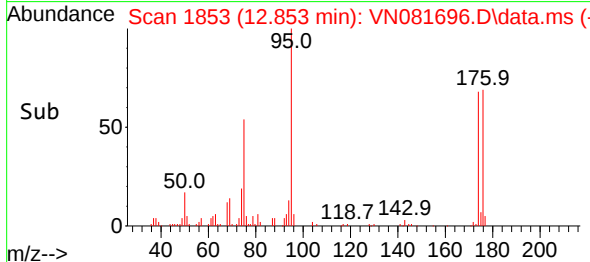
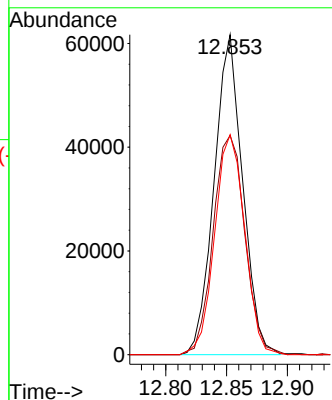
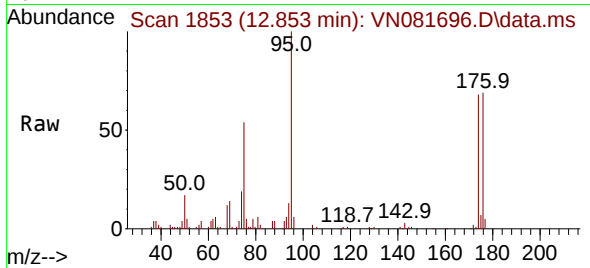




#60  
4-Bromofluorobenzene  
Concen: 24.923 ug/l  
RT: 12.853 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN081696.D  
Acq: 11 Apr 2024 14:46

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Tgt Ion: 95 Resp: 100511  
Ion Ratio Lower Upper  
95 100  
174 76.1 60.5 90.7  
176 72.4 57.8 86.6



#63  
Toluene-d8  
Concen: 28.360 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN081696.D  
Acq: 11 Apr 2024 14:46

Tgt Ion: 98 Resp: 233345  
Ion Ratio Lower Upper  
98 100  
100 64.5 52.7 79.1

