

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041522\  
 Data File : VN072009.D  
 Acq On : 15 Apr 2022 18:26  
 Operator : JC\MD  
 Sample : N2441-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TT-TB-20220413

Quant Time: Apr 15 23:29:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N032422W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Mar 24 12:03:44 2022  
 Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 7.657  | 128  | 81805    | 30.000 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.963  | 114  | 430082   | 30.000 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.739 | 117  | 365333   | 30.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 27) 1,2-Dichloroethane-d4   | 8.434  | 65    | 162444   | 28.184   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =    | 93.933%  |
| 60) 4-Bromofluorobenzene    | 12.727 | 95    | 122342   | 22.585   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =    | 75.267%  |
| 63) Toluene-d8              | 10.439 | 98    | 503196   | 30.342   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =    | 101.133% |

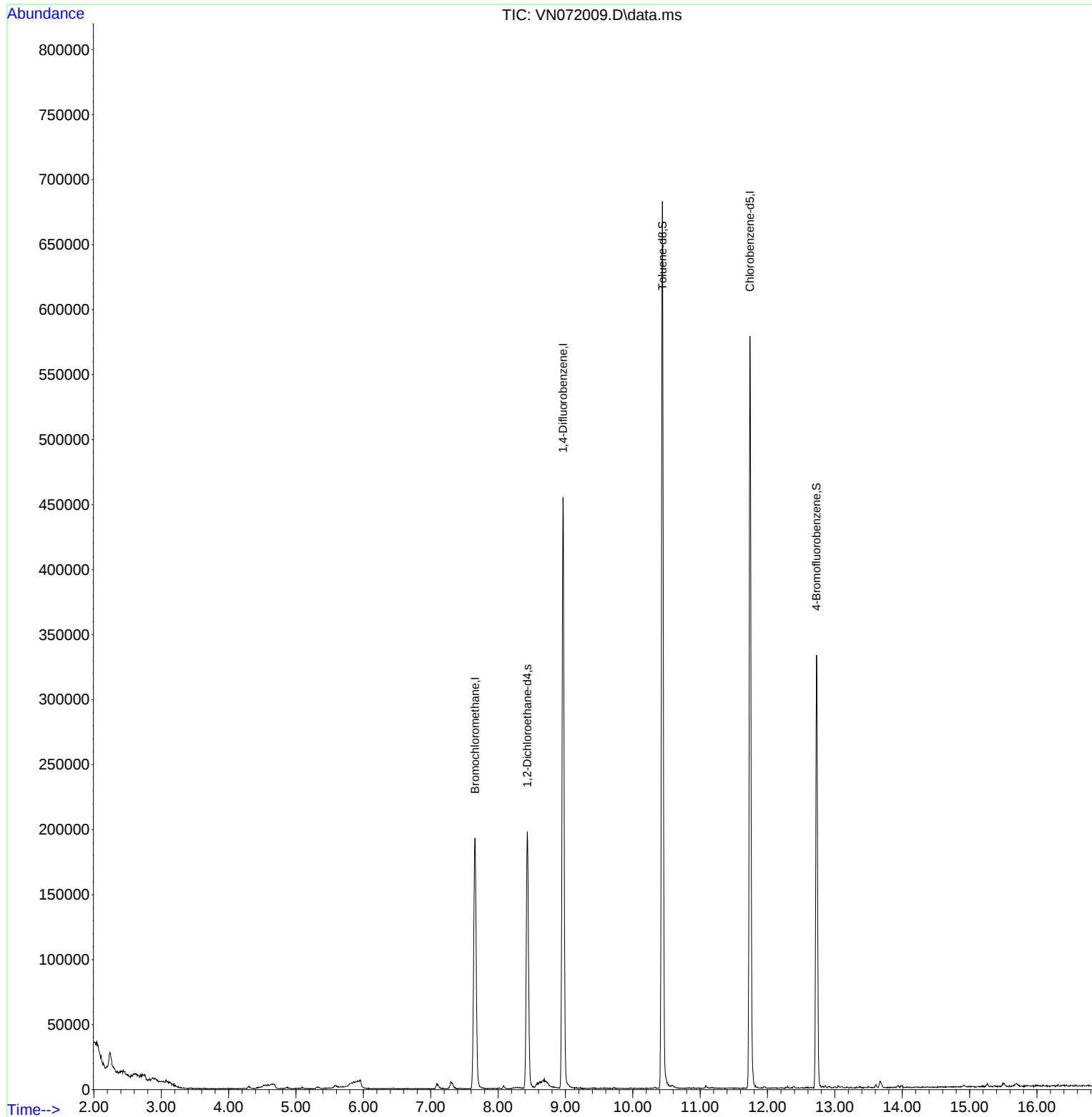
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

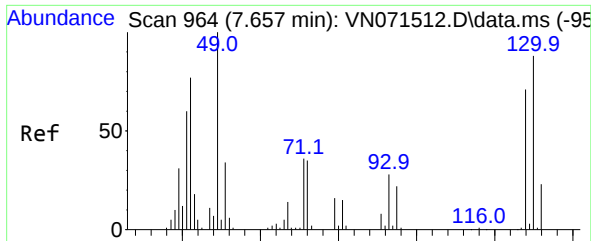
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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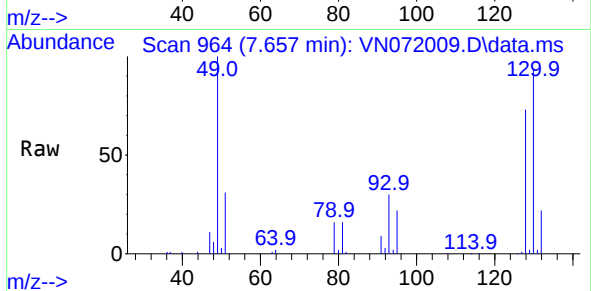
Quant Time: Apr 15 23:29:01 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N032422W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Thu Mar 24 12:03:44 2022  
Response via : Initial Calibration



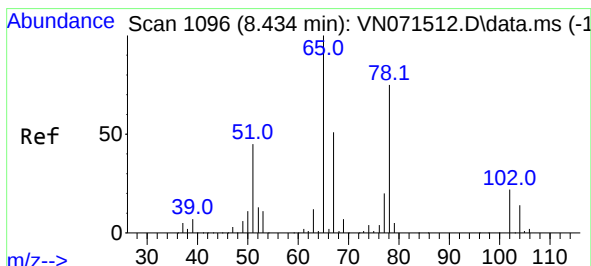
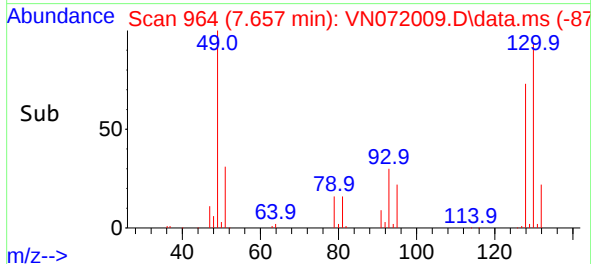
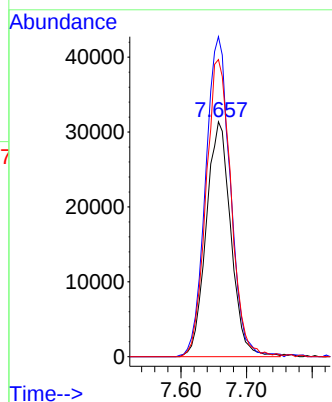


#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.657 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: VN072009.D  
Acq: 15 Apr 2022 18:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
TT-TB-20220413

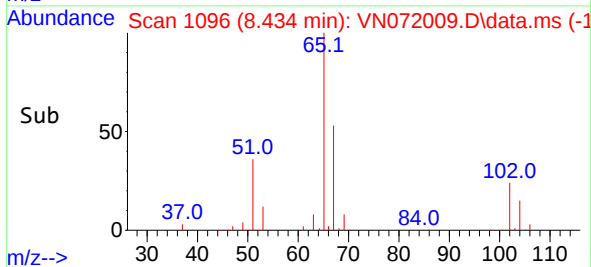
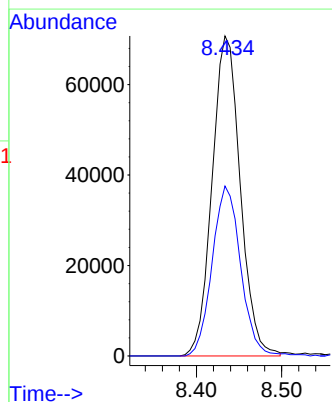
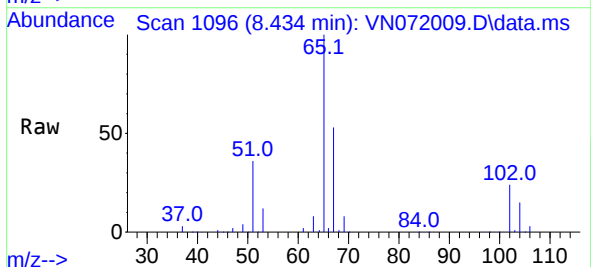


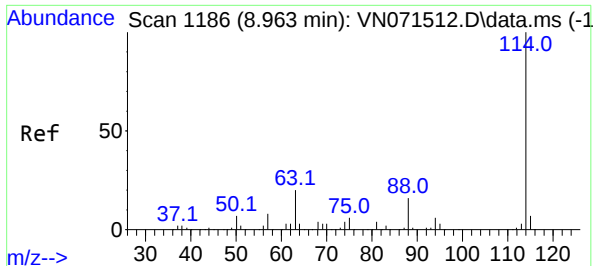
Tgt Ion:128 Resp: 81805  
Ion Ratio Lower Upper  
128 100  
49 136.2 0.0 392.3  
130 127.9 0.0 320.2



#27  
1,2-Dichloroethane-d4  
Concen: 28.184 ug/l  
RT: 8.434 min Scan# 1096  
Delta R.T. -0.000 min  
Lab File: VN072009.D  
Acq: 15 Apr 2022 18:26

Tgt Ion: 65 Resp: 162444  
Ion Ratio Lower Upper  
65 100  
67 53.6 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072009.D

Acq: 15 Apr 2022 18:26

Instrument :

MSVOA\_N

ClientSampleId :

TT-TB-20220413

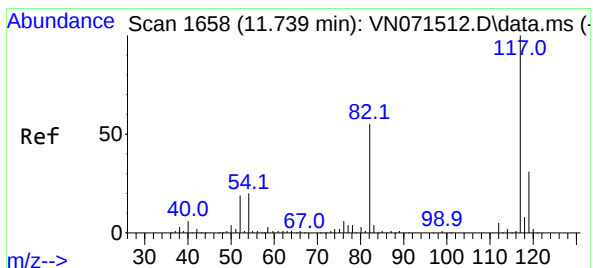
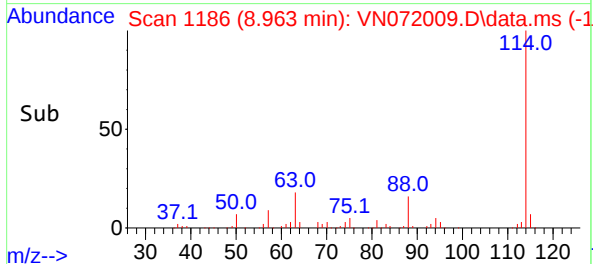
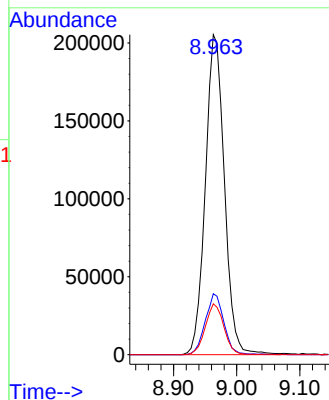
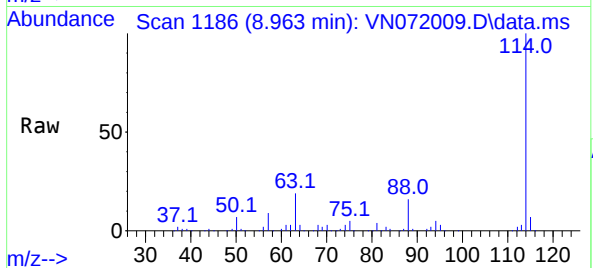
Tgt Ion:114 Resp: 430082

Ion Ratio Lower Upper

114 100

63 18.4 15.8 23.6

88 15.5 11.6 17.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.739 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VN072009.D

Acq: 15 Apr 2022 18:26

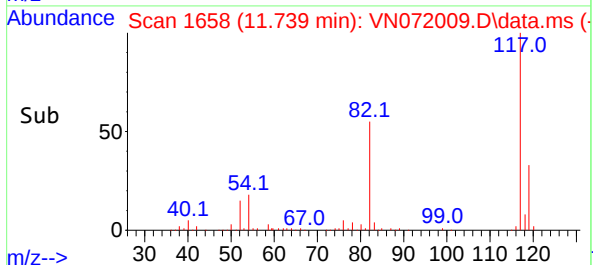
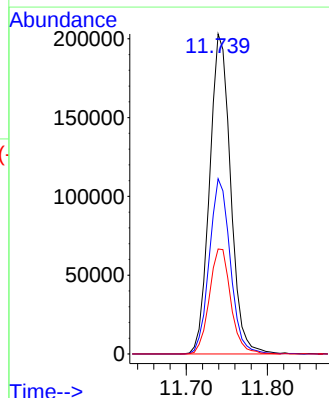
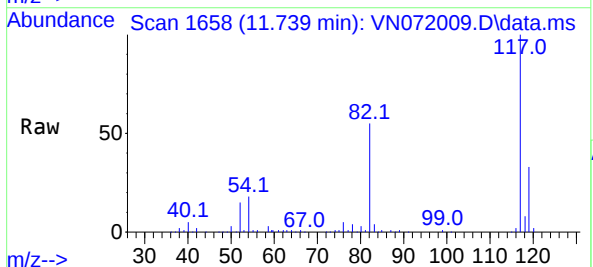
Tgt Ion:117 Resp: 365333

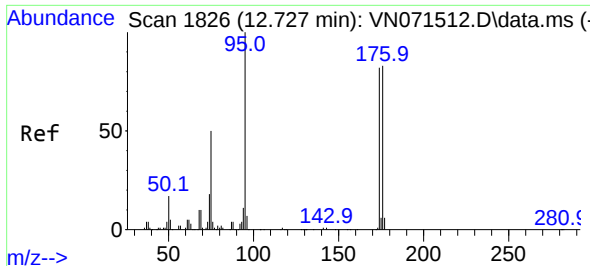
Ion Ratio Lower Upper

117 100

82 54.6 43.6 65.4

119 33.4 25.8 38.6

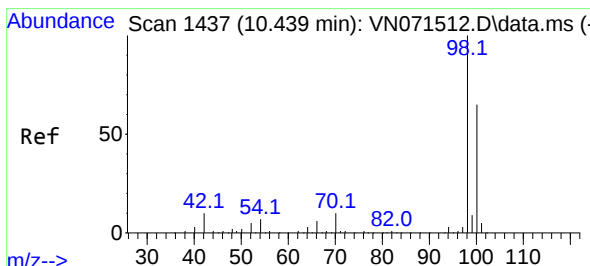
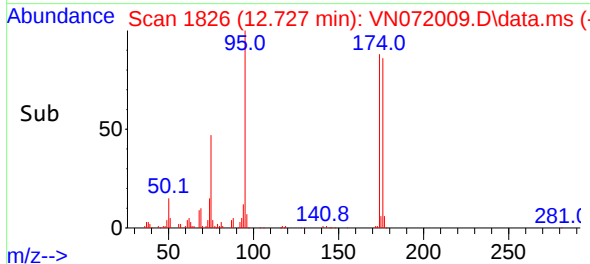
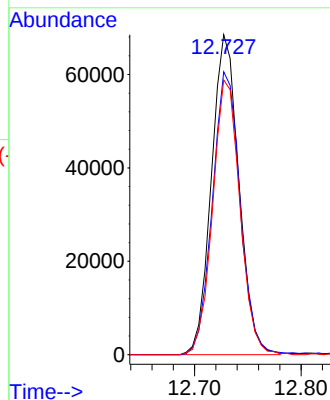
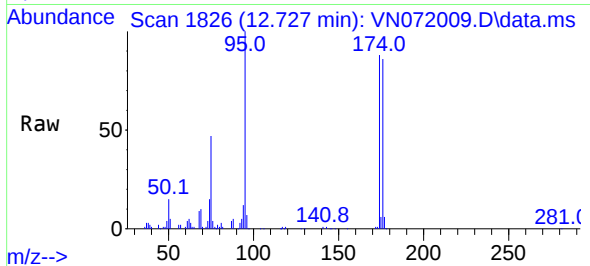




#60  
4-Bromofluorobenzene  
Concen: 22.585 ug/l  
RT: 12.727 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN072009.D  
Acq: 15 Apr 2022 18:26

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Tgt Ion: 95 Resp: 122342  
Ion Ratio Lower Upper  
95 100  
174 89.9 62.9 94.3  
176 85.4 61.0 91.4



#63  
Toluene-d8  
Concen: 30.342 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: VN072009.D  
Acq: 15 Apr 2022 18:26

Tgt Ion: 98 Resp: 503196  
Ion Ratio Lower Upper  
98 100  
100 64.2 50.6 76.0

