

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060622\  
 Data File : VN072676.D  
 Acq On : 06 Jun 2022 20:43  
 Operator : JC\MD  
 Sample : N3157-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 14B-3

Quant Time: Jun 07 06:31:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N060622W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Jun 06 14:10:15 2022  
 Response via : Initial Calibration

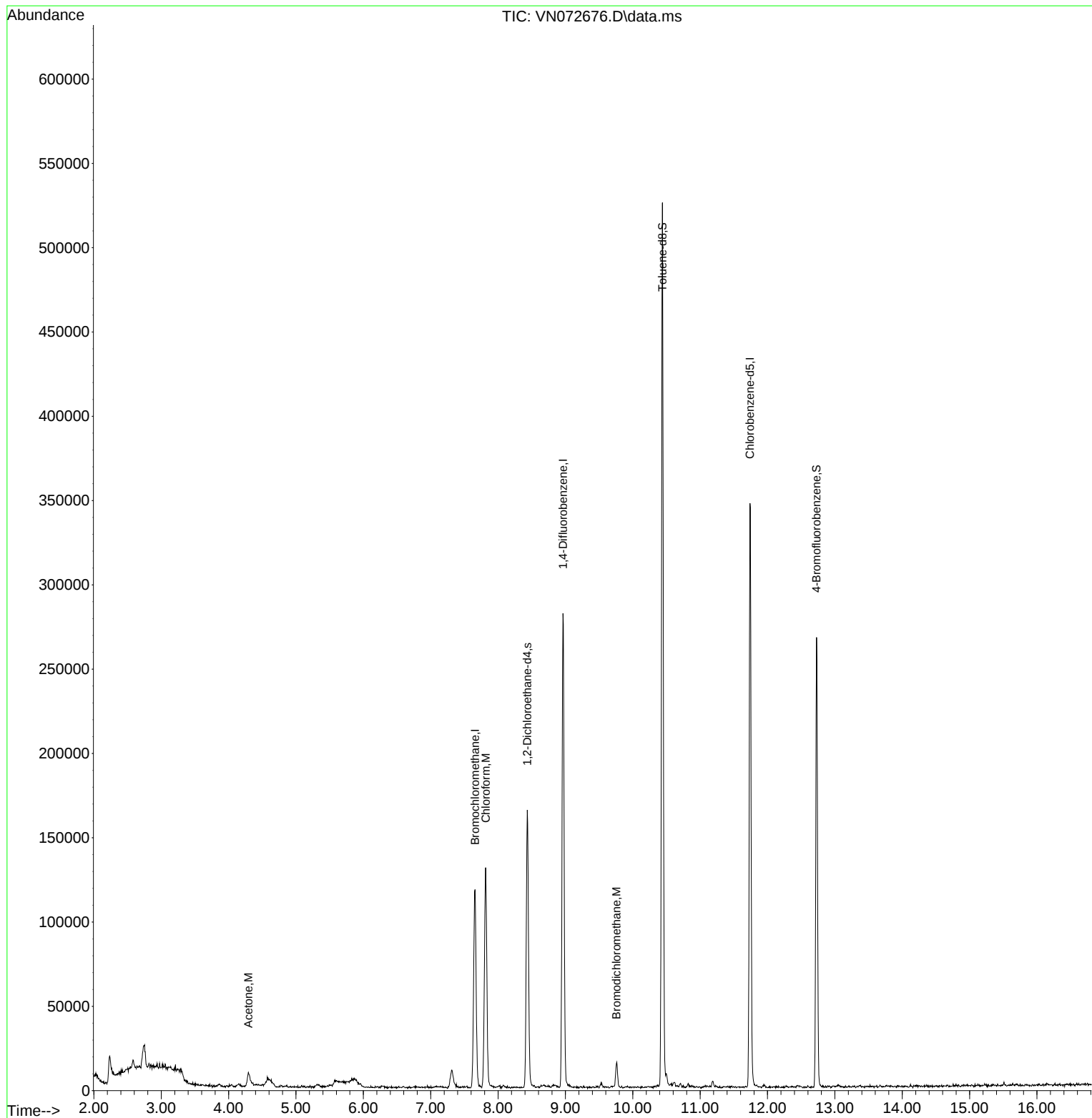
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 7.657  | 128   | 38898    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene     | 8.963  | 114   | 232606   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5        | 11.739 | 117   | 192574   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4   | 8.433  | 65    | 137587   | 31.014   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =      | 103.367% |
| 60) 4-Bromofluorobenzene    | 12.727 | 95    | 96133    | 24.271   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =      | 80.900%  |
| 63) Toluene-d8              | 10.439 | 98    | 343710   | 32.220   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =      | 107.400% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 15) Acetone                 | 4.292  | 58    | 3824     | 6.535    | ug/l   | 76       |
| 25) Chloroform              | 7.816  | 83    | 121756   | 19.403   | ug/l   | 98       |
| 41) Bromodichloromethane    | 9.757  | 83    | 10112    | 1.911    | ug/l # | 81       |
| -----                       |        |       |          |          |        |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060622\  
Data File : VN072676.D  
Acq On : 06 Jun 2022 20:43  
Operator : JC\MD  
Sample : N3157-03  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
14B-3

Quant Time: Jun 07 06:31:16 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N060622W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Mon Jun 06 14:10:15 2022  
Response via : Initial Calibration

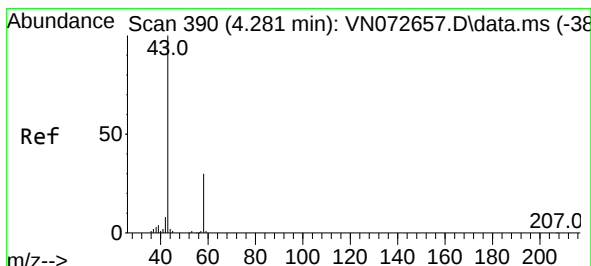
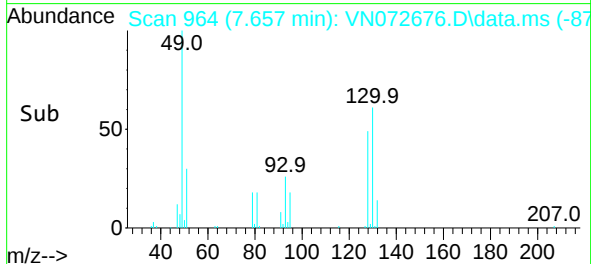
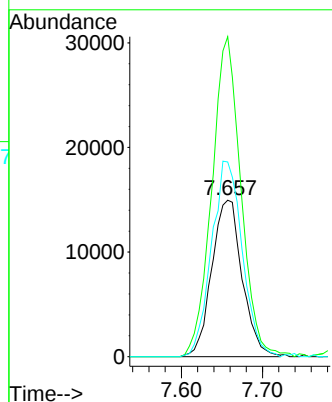
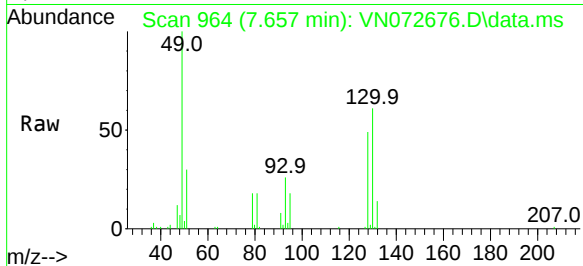




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.657 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: VN072676.D  
Acq: 06 Jun 2022 20:43

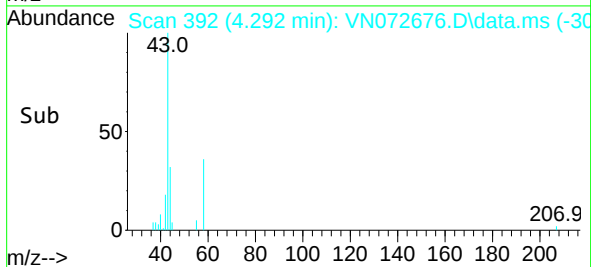
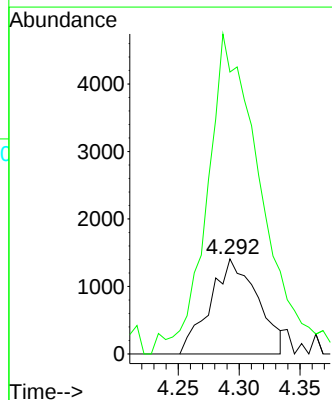
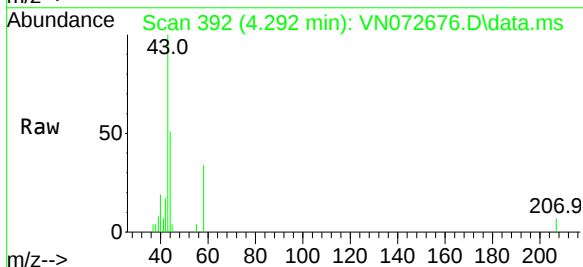
Instrument :  
MSVOA\_N  
ClientSampleId :  
14B-3

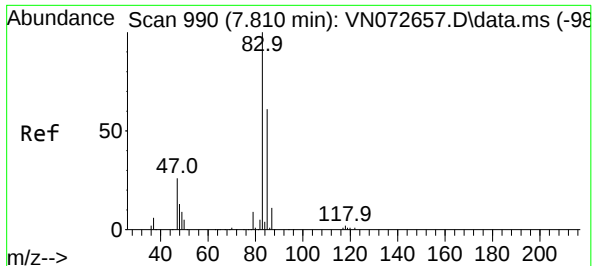
Tgt Ion:128 Resp: 38898  
Ion Ratio Lower Upper  
128 100  
49 195.0 0.0 392.3  
130 126.4 0.0 320.2



#15  
Acetone  
Concen: 6.535 ug/l  
RT: 4.292 min Scan# 392  
Delta R.T. 0.012 min  
Lab File: VN072676.D  
Acq: 06 Jun 2022 20:43

Tgt Ion: 58 Resp: 3824  
Ion Ratio Lower Upper  
58 100  
43 271.8 256.6 384.8





#25

Chloroform

Concen: 19.403 ug/l

RT: 7.816 min Scan# 990

Delta R.T. 0.006 min

Lab File: VN072676.D

Acq: 06 Jun 2022 20:43

Instrument :

MSVOA\_N

ClientSampleId :

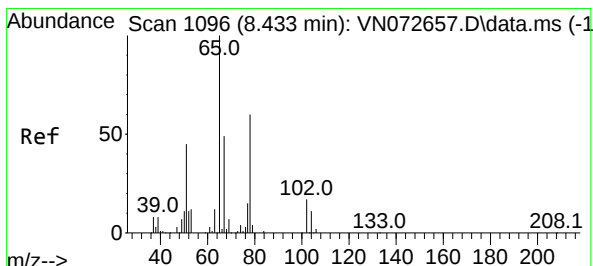
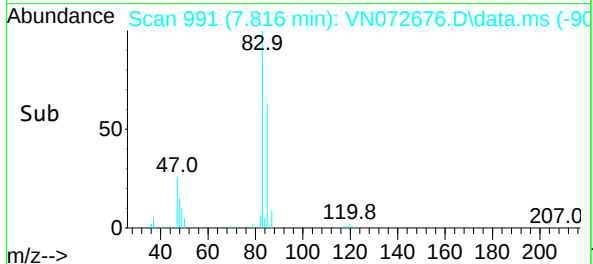
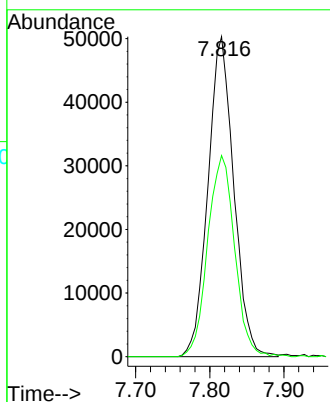
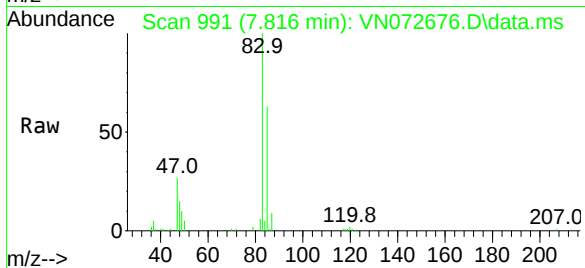
14B-3

Tgt Ion: 83 Resp: 121756

Ion Ratio Lower Upper

83 100

85 62.8 51.3 76.9



#27

1,2-Dichloroethane-d4

Concen: 31.014 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072676.D

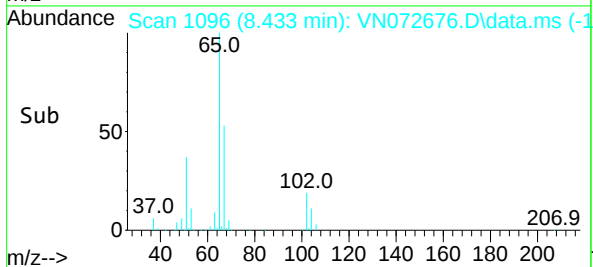
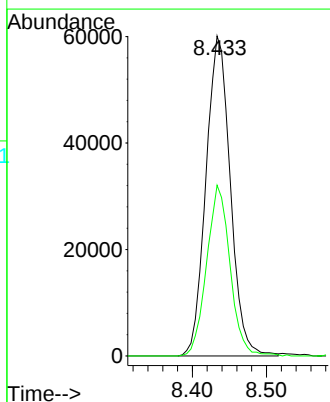
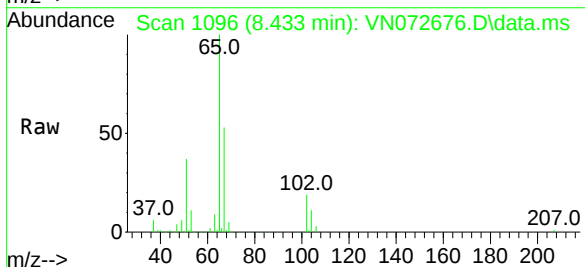
Acq: 06 Jun 2022 20:43

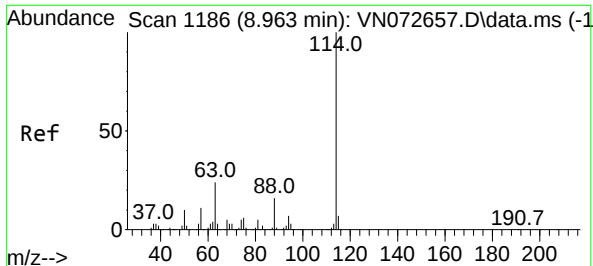
Tgt Ion: 65 Resp: 137587

Ion Ratio Lower Upper

65 100

67 50.9 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: VN072676.D

Acq: 06 Jun 2022 20:43

Instrument :

MSVOA\_N

ClientSampleId :

14B-3

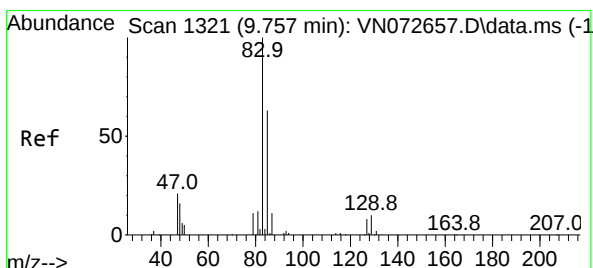
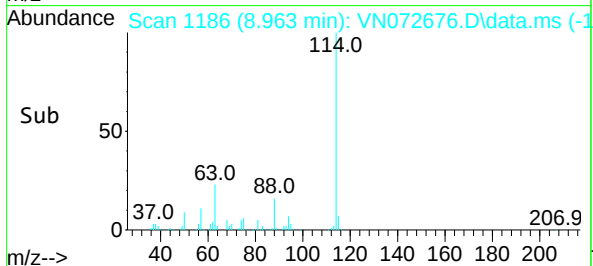
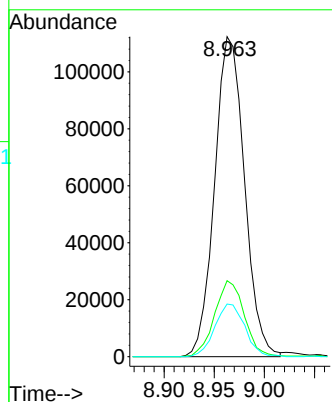
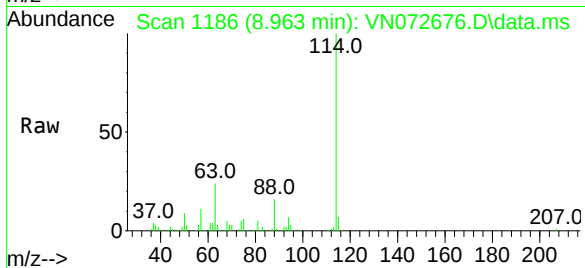
Tgt Ion:114 Resp: 232606

Ion Ratio Lower Upper

114 100

63 23.6 15.8 23.6

88 16.4 11.6 17.4



#41

Bromodichloromethane

Concen: 1.911 ug/l

RT: 9.757 min Scan# 1321

Delta R.T. 0.000 min

Lab File: VN072676.D

Acq: 06 Jun 2022 20:43

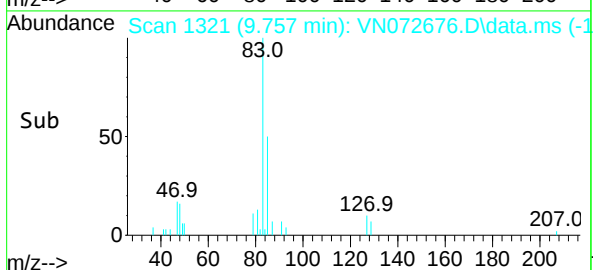
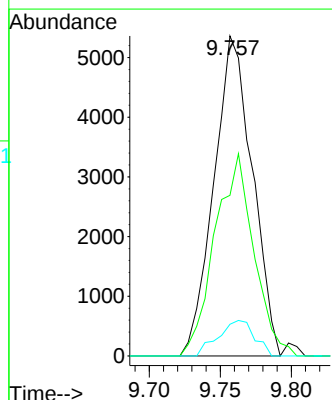
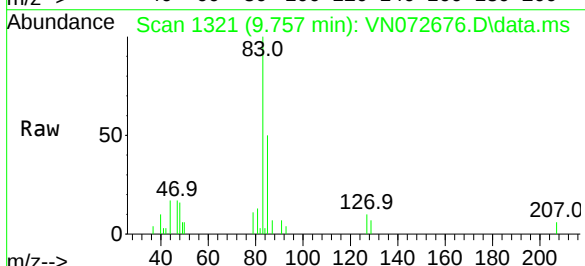
Tgt Ion: 83 Resp: 10112

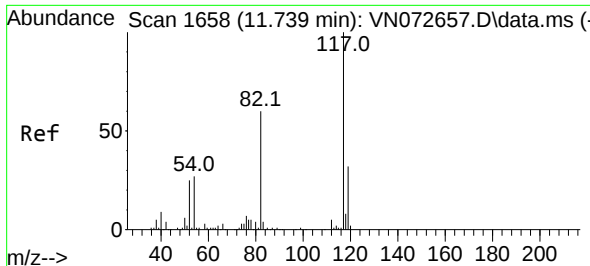
Ion Ratio Lower Upper

83 100

85 50.2 54.1 81.1#

127 9.9 7.6 11.4

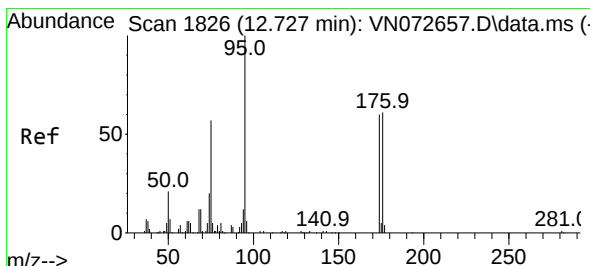
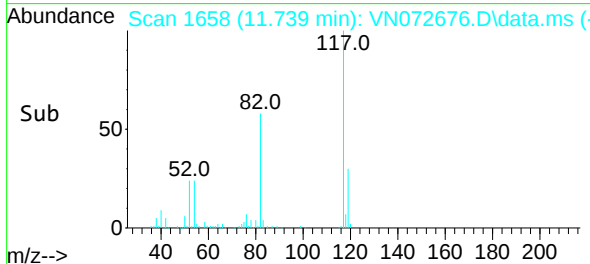
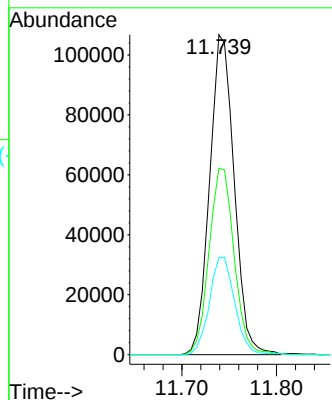
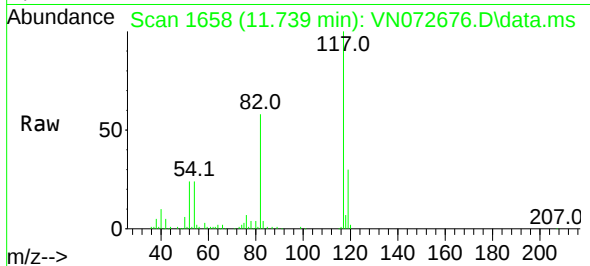




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.739 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VN072676.D  
Acq: 06 Jun 2022 20:43

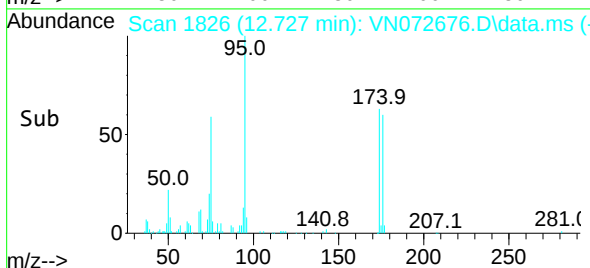
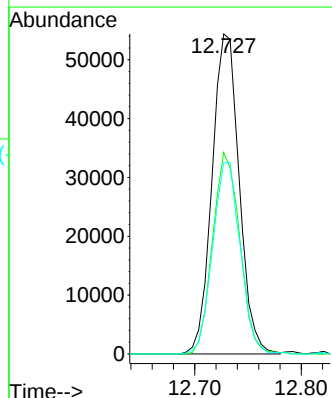
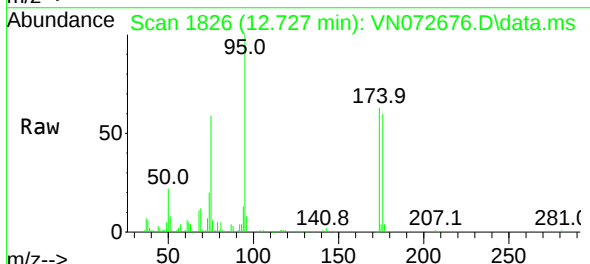
Instrument :  
MSVOA\_N  
ClientSampleId :  
14B-3

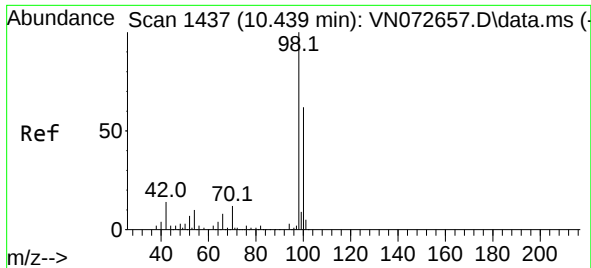
Tgt Ion:117 Resp: 192574  
Ion Ratio Lower Upper  
117 100  
82 59.7 43.6 65.4  
119 31.4 25.8 38.6



#60  
4-Bromofluorobenzene  
Concen: 24.271 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072676.D  
Acq: 06 Jun 2022 20:43

Tgt Ion: 95 Resp: 96133  
Ion Ratio Lower Upper  
95 100  
174 63.0 62.9 94.3  
176 61.2 61.0 91.4





#63  
Toluene-d8  
Concen: 32.220 ug/l  
RT: 10.439 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN072676.D  
Acq: 06 Jun 2022 20:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
14B-3

Tgt Ion: 98 Resp: 343710  
Ion Ratio Lower Upper  
98 100  
100 64.6 50.6 76.0

