

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120321\  
 Data File : VN069711.D  
 Acq On : 3 Dec 2021 11:28  
 Operator : JC/MD  
 Sample : VN1203WBL01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1203WBL01

Quant Time: Dec 04 05:28:23 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 1442889  | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 2511748  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.747 | 117  | 2543004  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 949969   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 1074455  | 48.229   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 96.460%  |
| 35) Dibromofluoromethane    | 8.021  | 113   | 739787   | 47.021   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 94.040%  |
| 50) Toluene-d8              | 10.440 | 98    | 3186108  | 50.434   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 100.860% |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 1169384  | 51.095   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 102.200% |

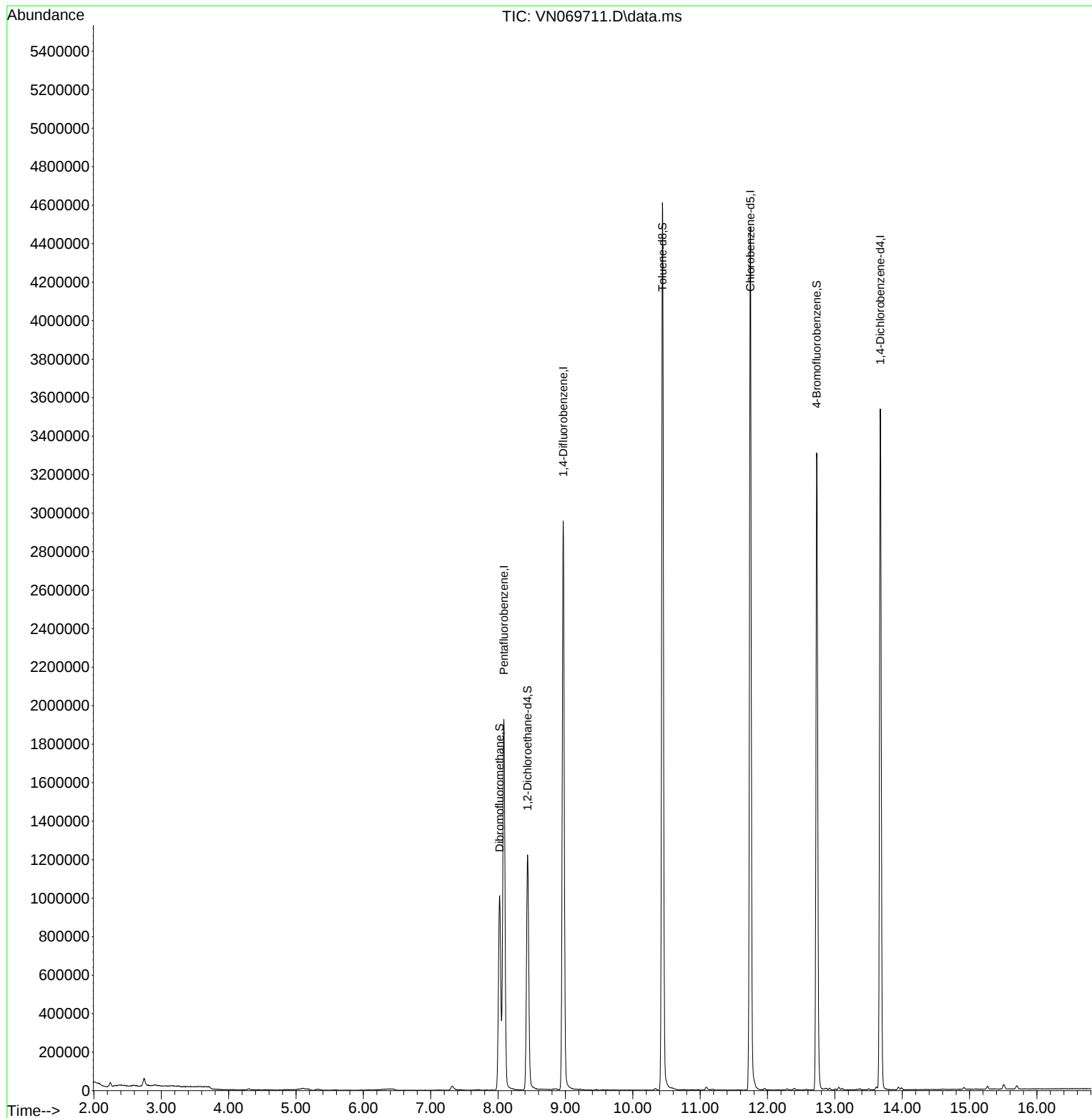
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

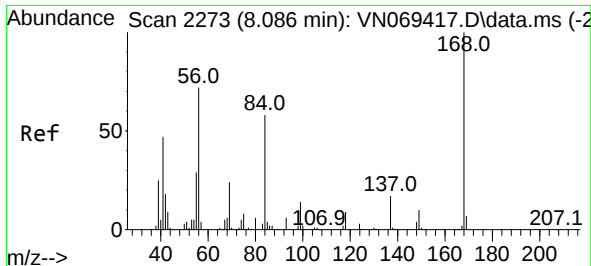
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120321\  
Data File : VN069711.D  
Acq On : 3 Dec 2021 11:28  
Operator : JC/MD  
Sample : VN1203WBL01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBL01

Quant Time: Dec 04 05:28:23 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 03 08:46:47 2021  
Response via : Initial Calibration

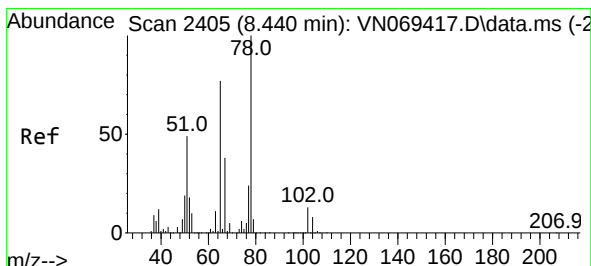
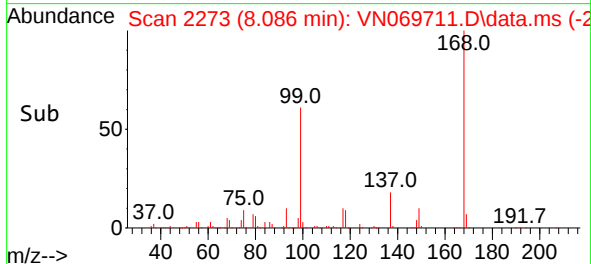
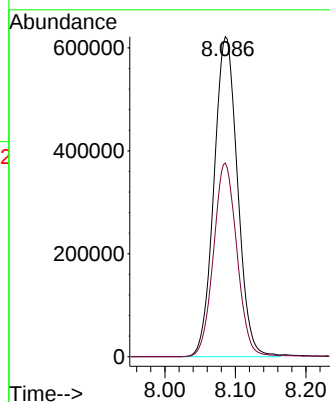
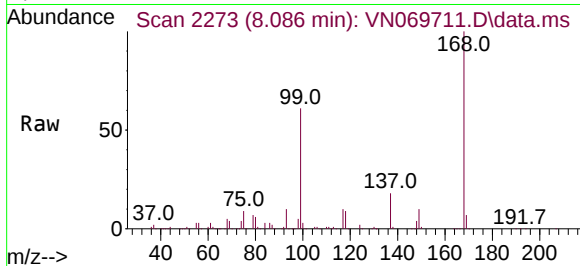




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN069711.D  
Acq: 3 Dec 2021 11:28

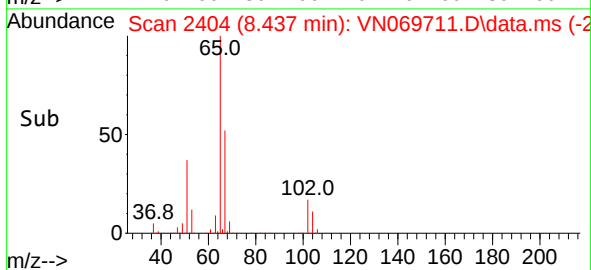
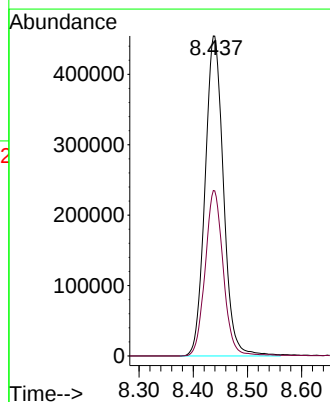
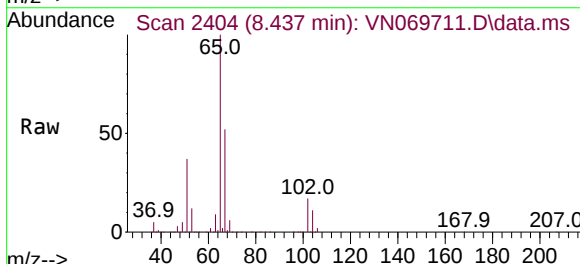
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBL01

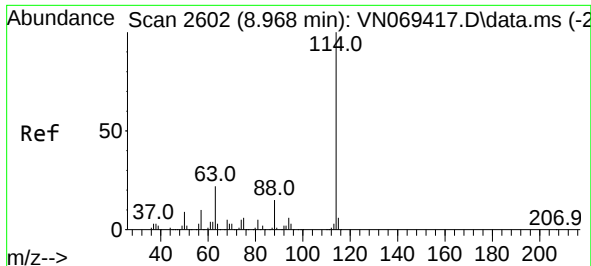
Tgt Ion:168 Resp: 1442889  
Ion Ratio Lower Upper  
168 100  
99 60.5 41.3 61.9



#33  
1,2-Dichloroethane-d4  
Concen: 48.229 ug/l  
RT: 8.437 min Scan# 2404  
Delta R.T. 0.000 min  
Lab File: VN069711.D  
Acq: 3 Dec 2021 11:28

Tgt Ion: 65 Resp: 1074455  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 103.0

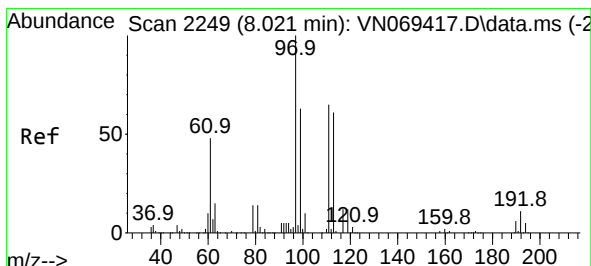
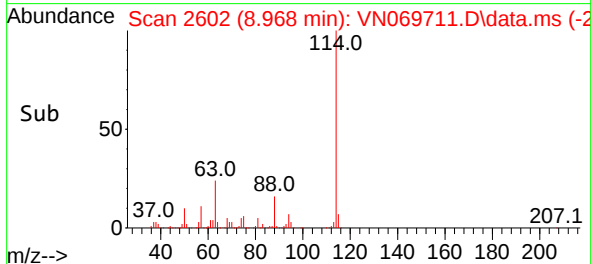
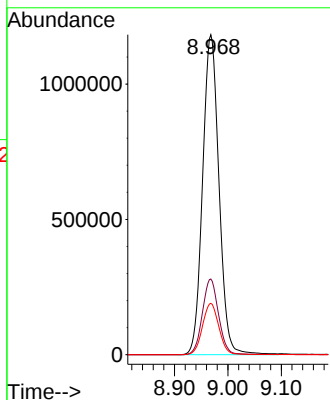
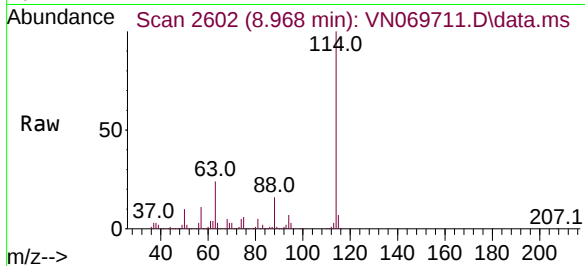




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.968 min Scan# 2602  
 Delta R.T. 0.000 min  
 Lab File: VN069711.D  
 Acq: 3 Dec 2021 11:28

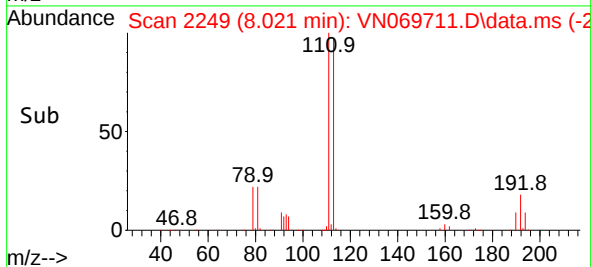
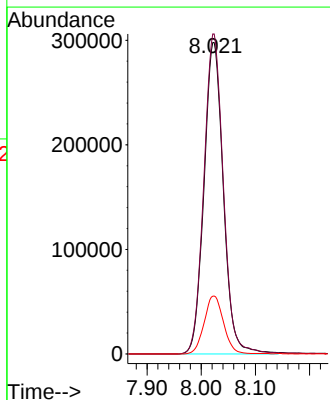
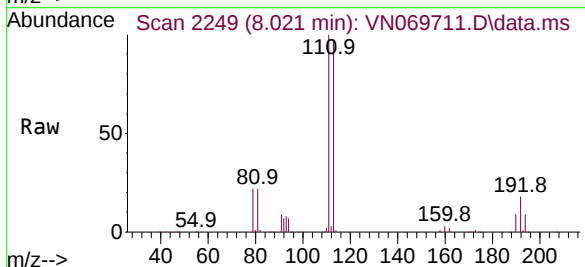
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1203WBL01

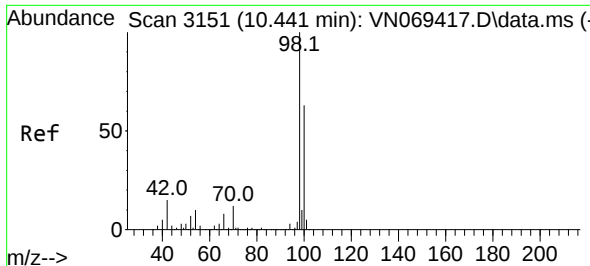
Tgt Ion:114 Resp: 2511748  
 Ion Ratio Lower Upper  
 114 100  
 63 23.7 0.0 37.8  
 88 16.1 0.0 27.4



#35  
 Dibromofluoromethane  
 Concen: 47.021 ug/l  
 RT: 8.021 min Scan# 2249  
 Delta R.T. -0.003 min  
 Lab File: VN069711.D  
 Acq: 3 Dec 2021 11:28

Tgt Ion:113 Resp: 739787  
 Ion Ratio Lower Upper  
 113 100  
 111 103.6 82.2 123.2  
 192 18.6 16.9 25.3

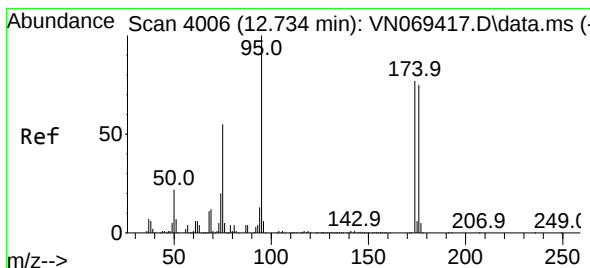
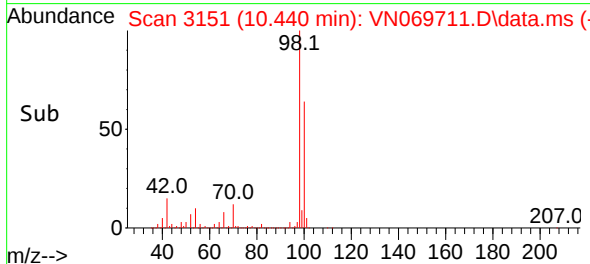
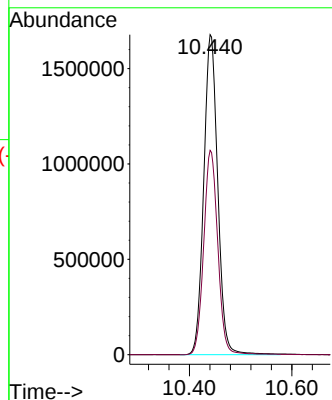
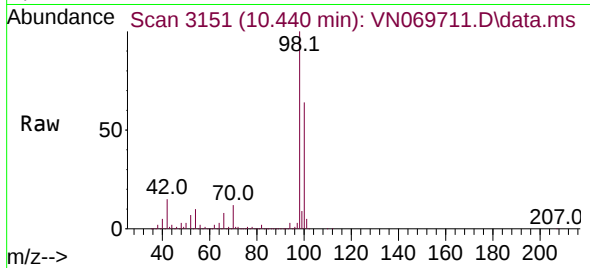




#50  
Toluene-d8  
Concen: 50.434 ug/l  
RT: 10.440 min Scan# 3151  
Delta R.T. -0.003 min  
Lab File: VN069711.D  
Acq: 3 Dec 2021 11:28

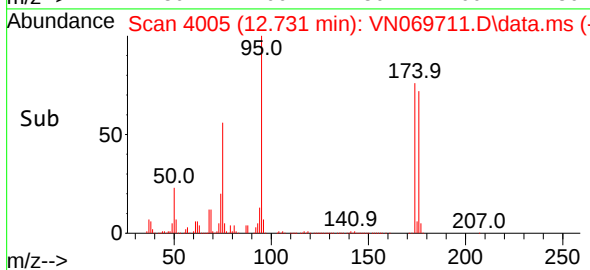
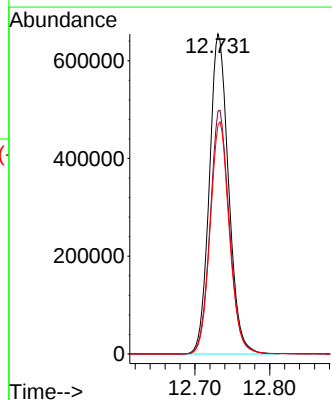
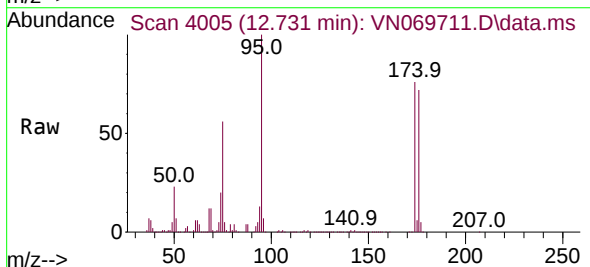
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBL01

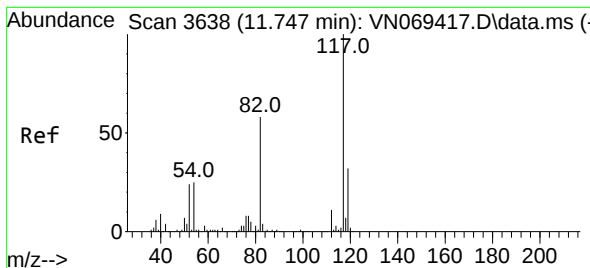
Tgt Ion: 98 Resp: 3186108  
Ion Ratio Lower Upper  
98 100  
100 64.1 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 51.095 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN069711.D  
Acq: 3 Dec 2021 11:28

Tgt Ion: 95 Resp: 1169384  
Ion Ratio Lower Upper  
95 100  
174 76.1 0.0 187.2  
176 72.7 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.747 min Scan# 3638

Delta R.T. 0.001 min

Lab File: VN069711.D

Acq: 3 Dec 2021 11:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1203WBL01

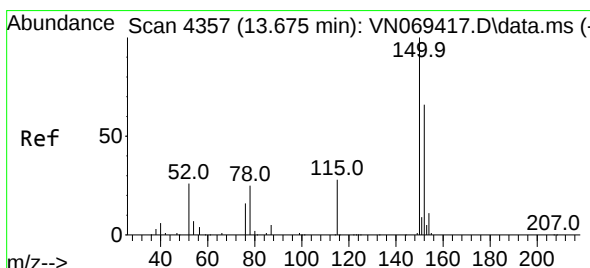
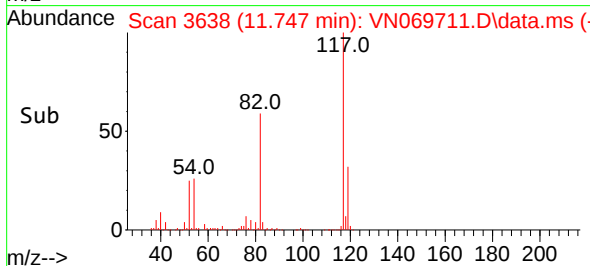
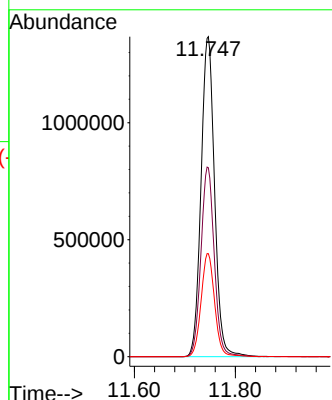
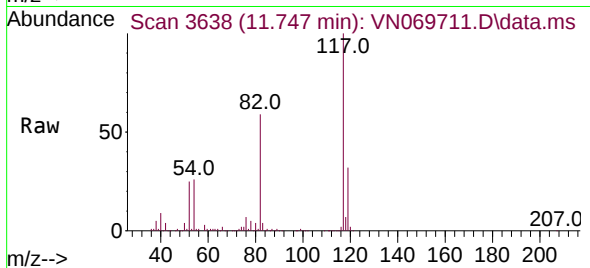
Tgt Ion:117 Resp: 2543004

Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

119 32.2 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. -0.003 min

Lab File: VN069711.D

Acq: 3 Dec 2021 11:28

Tgt Ion:152 Resp: 949969

Ion Ratio Lower Upper

152 100

115 60.7 27.5 82.5

150 157.6 0.0 344.4

