

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112122\  
 Data File : VN075349.D  
 Acq On : 21 Nov 2022 18:18  
 Operator : JC\MD  
 Sample : N5699-01ME  
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AREA-COMP-EXCAV-1ST-AVE

Quant Time: Nov 22 08:19:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 22 08:17:11 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 295546   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 504148   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 425656   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 181109   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 57166    | 36.034   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 72.060%# |
| 35) Dibromofluoromethane    | 8.165  | 113   | 68931    | 34.806   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 69.620%# |
| 50) Toluene-d8              | 10.565 | 98    | 156320   | 35.045   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 70.100%# |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 100738   | 30.597   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 61.200%# |

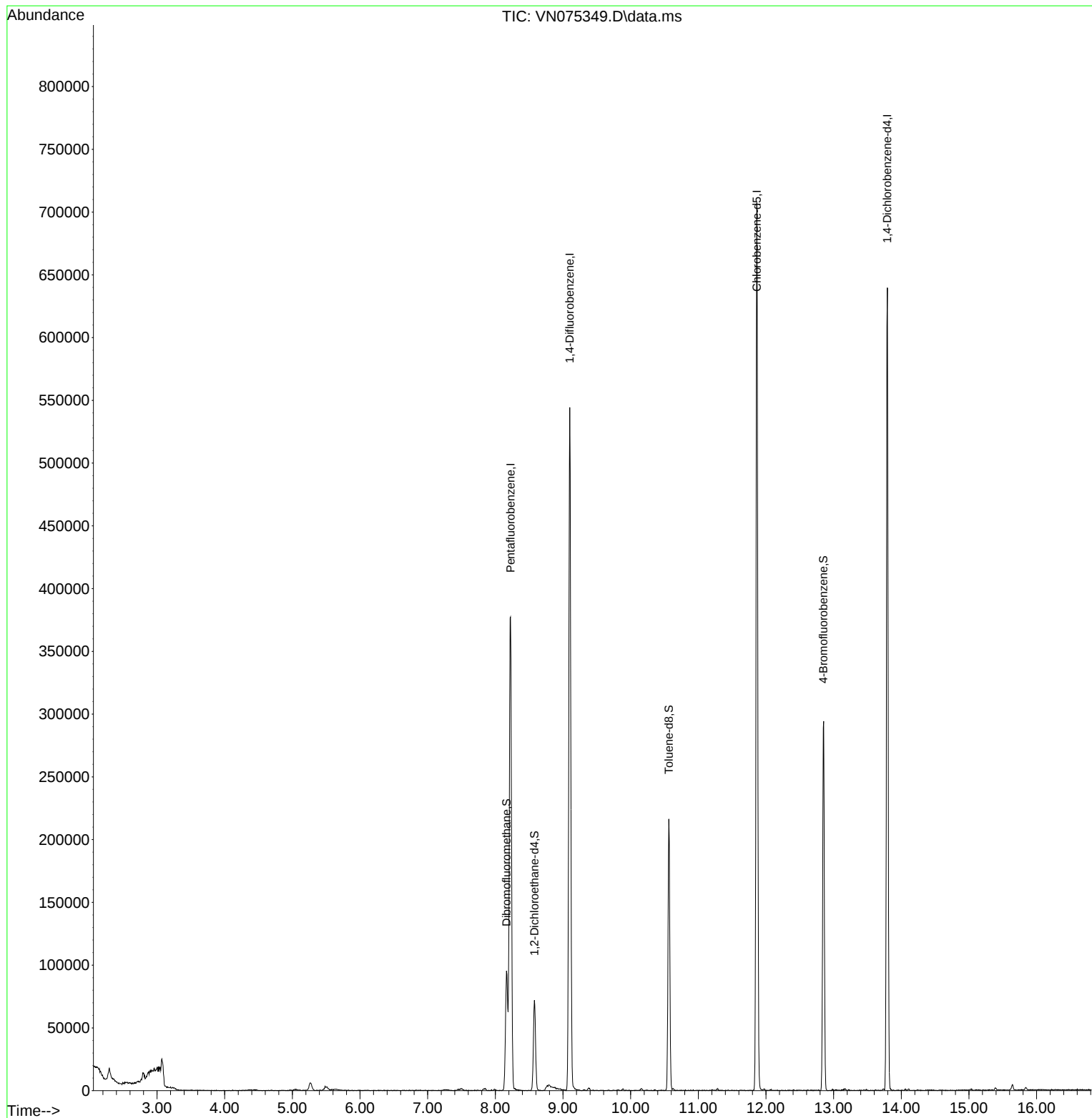
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

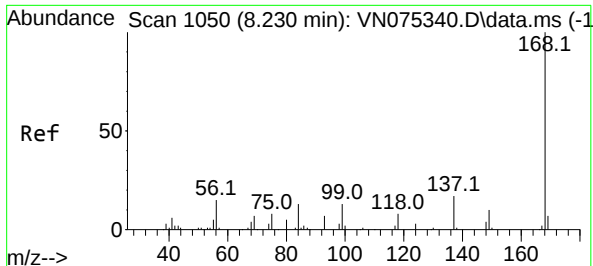
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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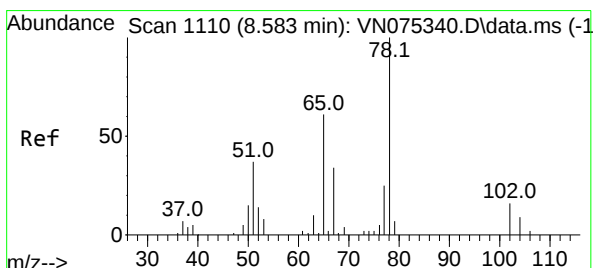
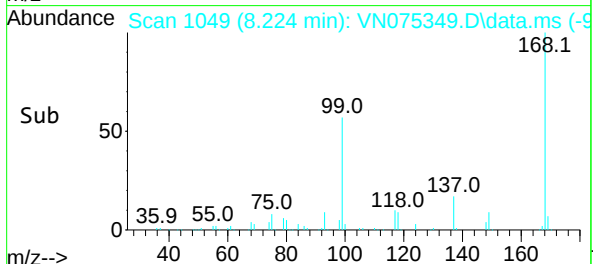
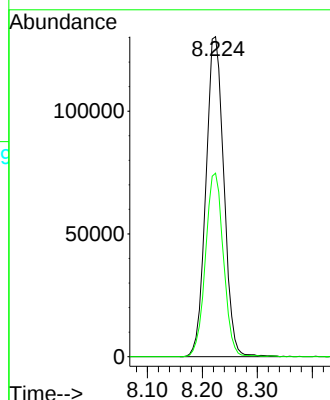
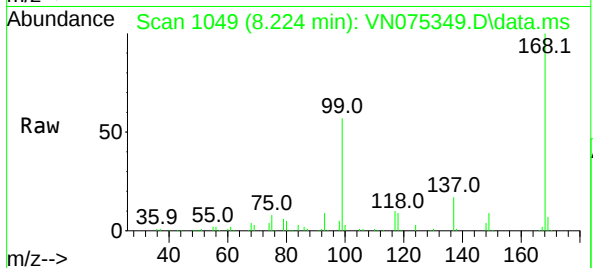




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: VN075349.D  
Acq: 21 Nov 2022 18:18

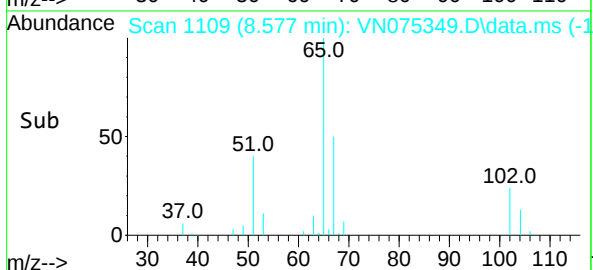
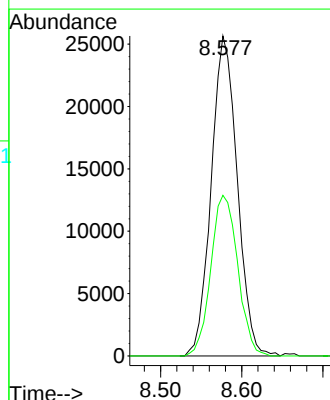
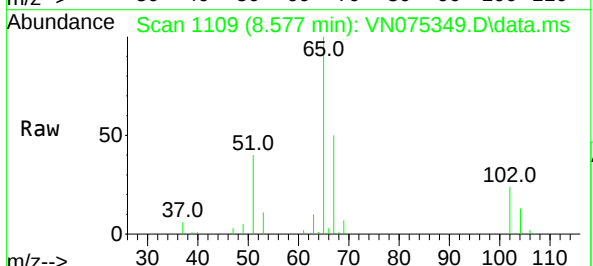
Instrument :  
MSVOA\_N  
ClientSampleId :  
AREA-COMP-EXCAV-1ST-AVE

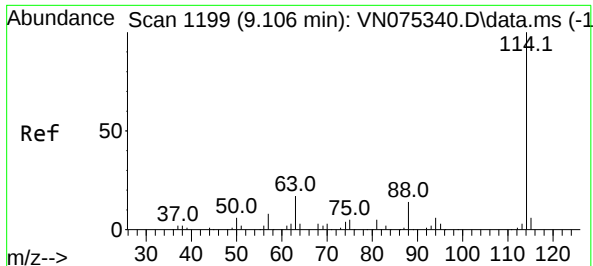
Tgt Ion:168 Resp: 295546  
Ion Ratio Lower Upper  
168 100  
99 57.3 51.6 77.4



#33  
1,2-Dichloroethane-d4  
Concen: 36.034 ug/l  
RT: 8.577 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: VN075349.D  
Acq: 21 Nov 2022 18:18

Tgt Ion: 65 Resp: 57166  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN075349.D

Acq: 21 Nov 2022 18:18

Instrument :

MSVOA\_N

ClientSampleId :

AREA-COMP-EXCAV-1ST-AVE

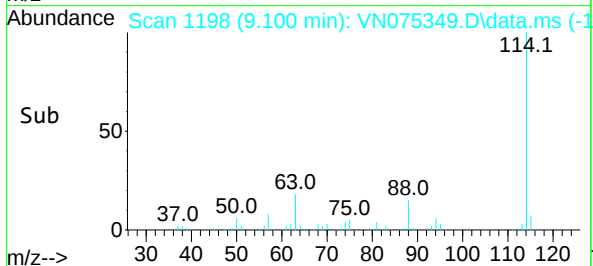
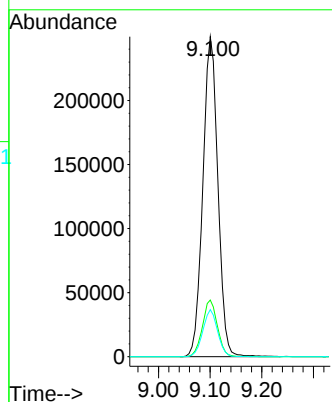
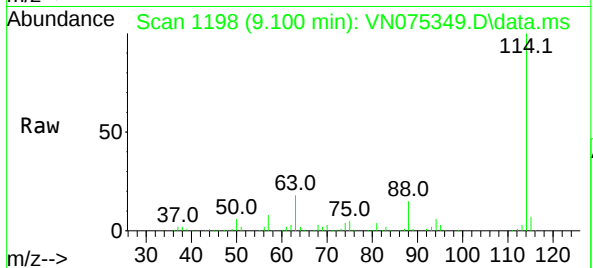
Tgt Ion:114 Resp: 504148

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 34.806 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN075349.D

Acq: 21 Nov 2022 18:18

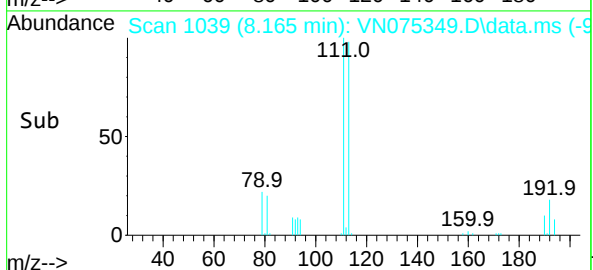
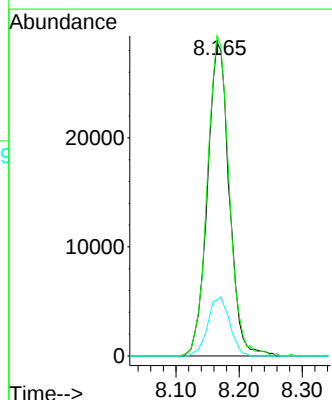
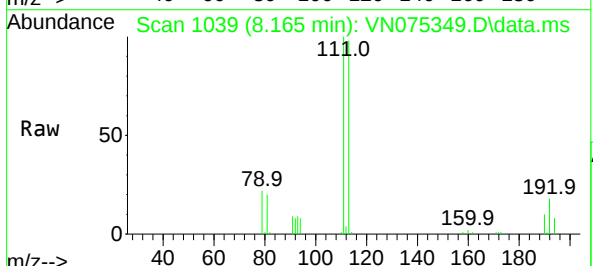
Tgt Ion:113 Resp: 68931

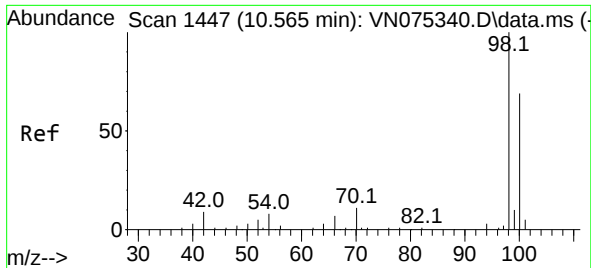
Ion Ratio Lower Upper

113 100

111 102.2 80.5 120.7

192 18.9 13.2 19.8

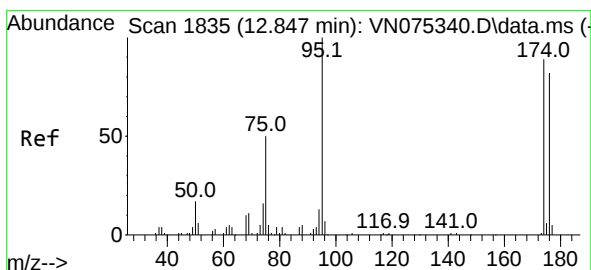
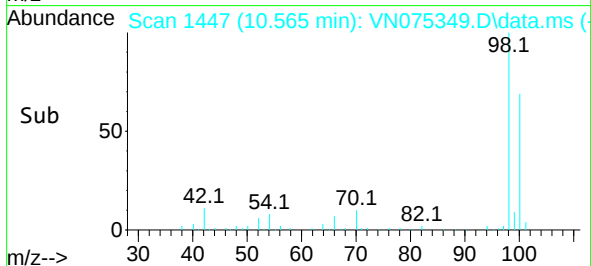
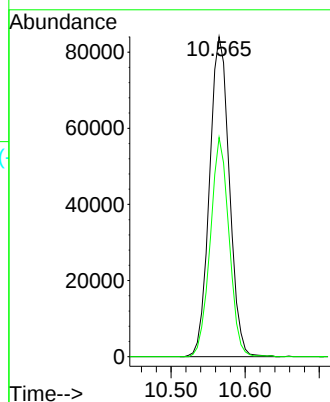
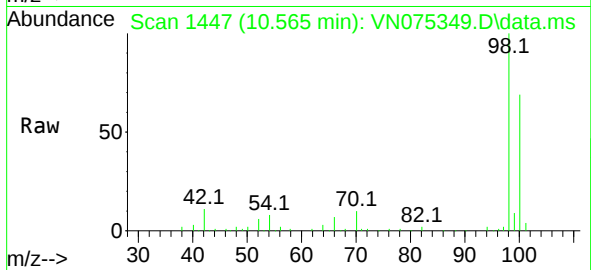




#50  
Toluene-d8  
Concen: 35.045 ug/l  
RT: 10.565 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VN075349.D  
Acq: 21 Nov 2022 18:18

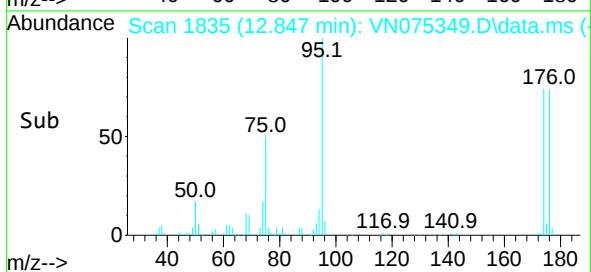
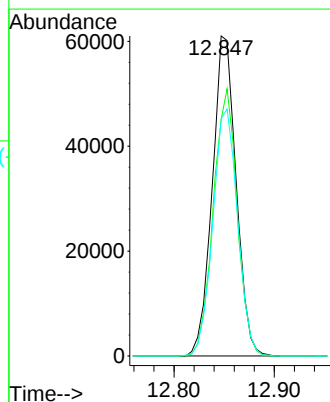
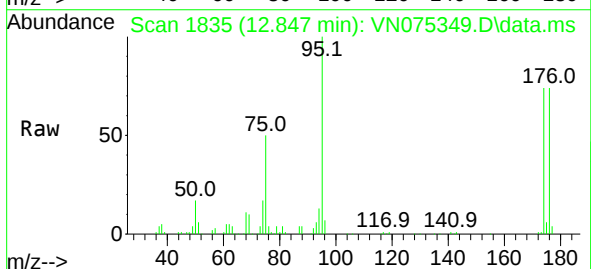
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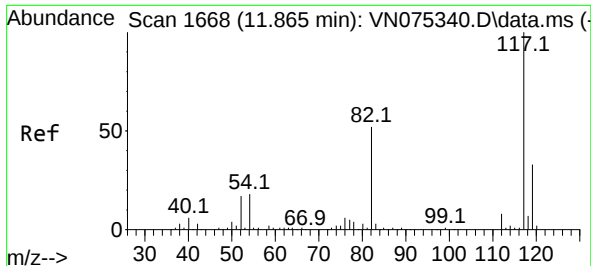
Tgt Ion: 98 Resp: 156320  
Ion Ratio Lower Upper  
98 100  
100 64.8 53.0 79.6



#62  
4-Bromofluorobenzene  
Concen: 30.597 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. 0.000 min  
Lab File: VN075349.D  
Acq: 21 Nov 2022 18:18

Tgt Ion: 95 Resp: 100738  
Ion Ratio Lower Upper  
95 100  
174 83.4 0.0 147.4  
176 80.0 0.0 142.2

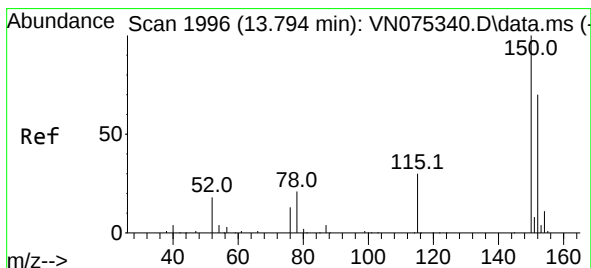
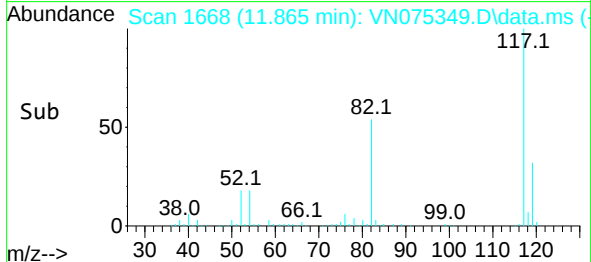
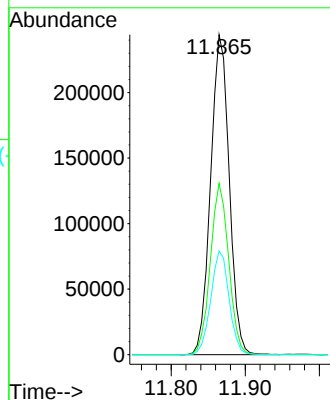
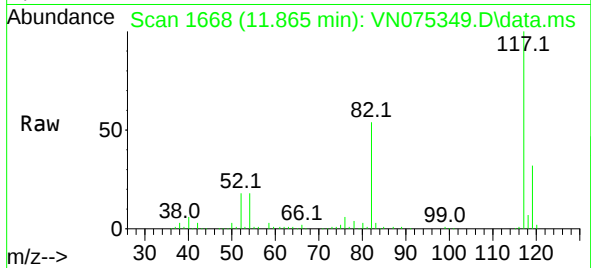




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN075349.D  
Acq: 21 Nov 2022 18:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
AREA-COMP-EXCAV-1ST-AVE

Tgt Ion:117 Resp: 425656  
Ion Ratio Lower Upper  
117 100  
82 53.5 43.1 64.7  
119 32.4 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN075349.D  
Acq: 21 Nov 2022 18:18

Tgt Ion:152 Resp: 181109  
Ion Ratio Lower Upper  
152 100  
115 58.8 30.2 90.6  
150 154.6 0.0 348.4

