

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110422\  
 Data File : VN075166.D  
 Acq On : 04 Nov 2022 11:29  
 Operator : JC\MD  
 Sample : VN1104WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1104WBL01

Quant Time: Nov 05 06:55:49 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 09:48:49 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 95705    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 180287   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 154107   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 59993    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 76239    | 59.122   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 118.240% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 59158    | 55.895   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 111.800% |
| 50) Toluene-d8              | 10.571 | 98    | 214550   | 52.250   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 104.500% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 63956    | 44.339   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 88.680%  |

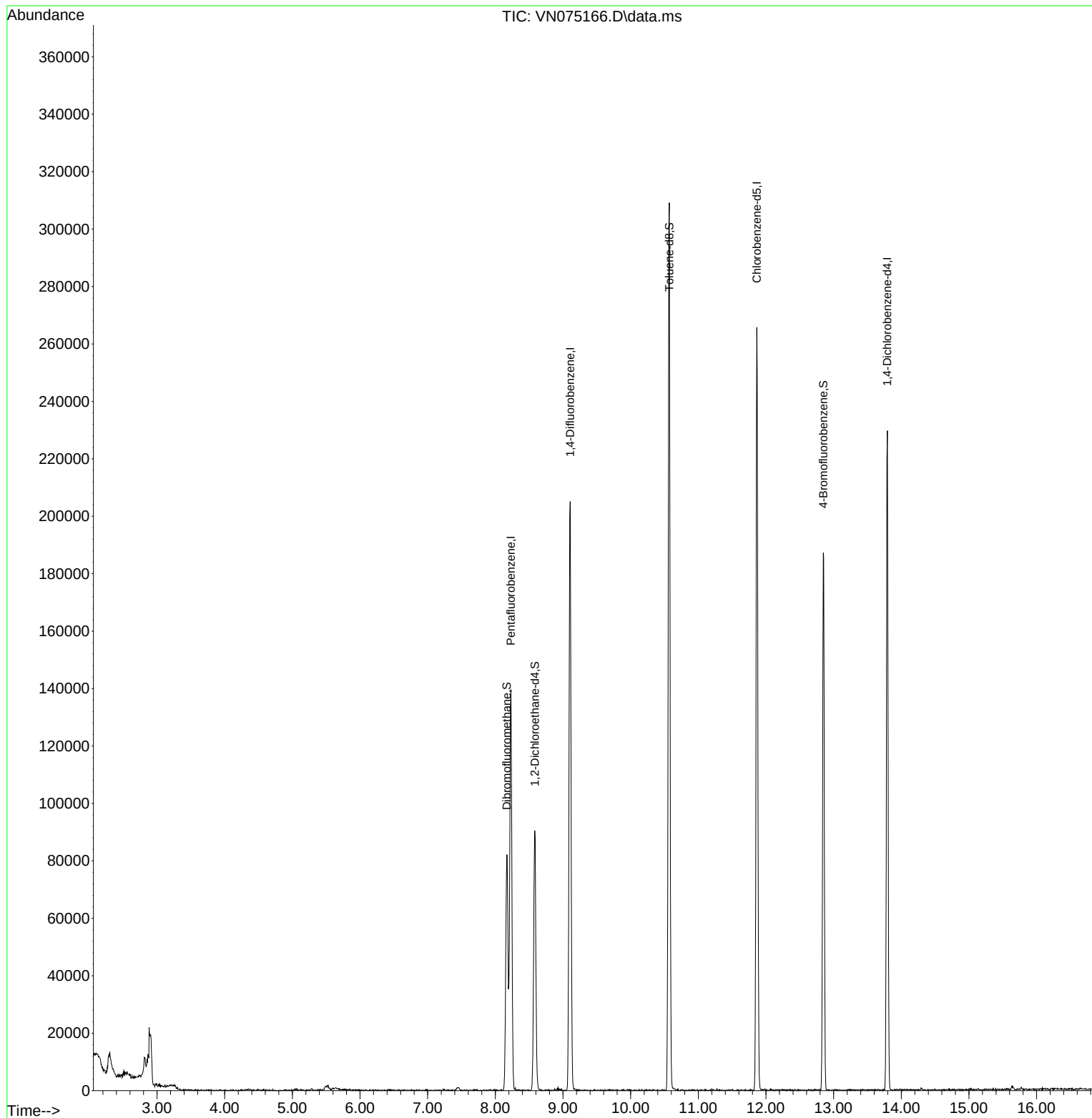
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

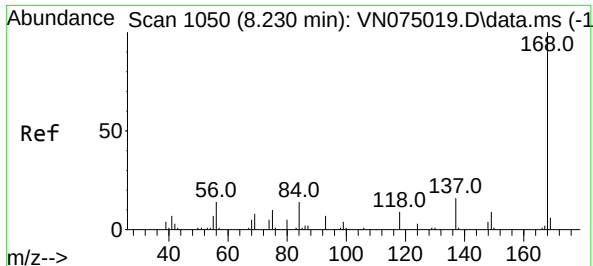
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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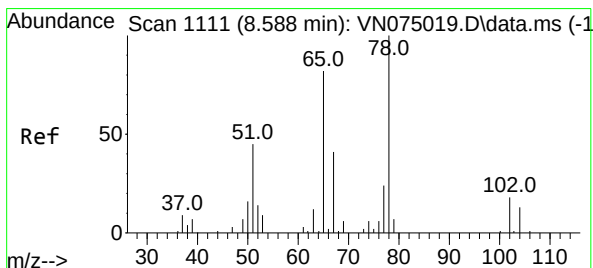
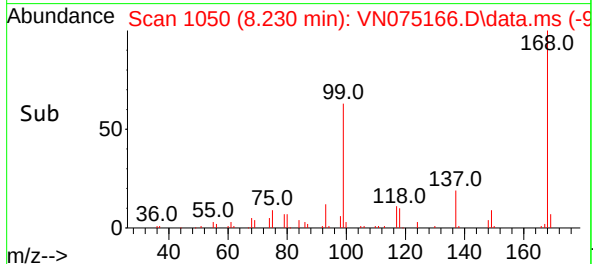
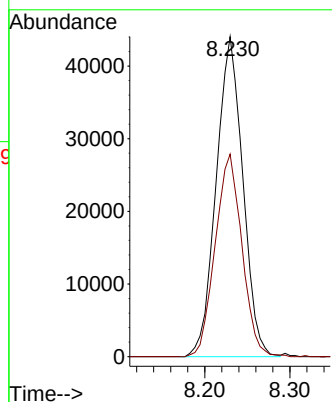
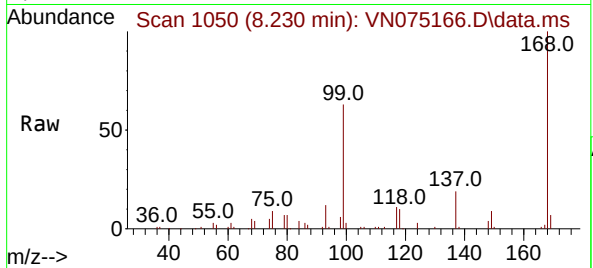




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN075166.D  
Acq: 04 Nov 2022 11:29

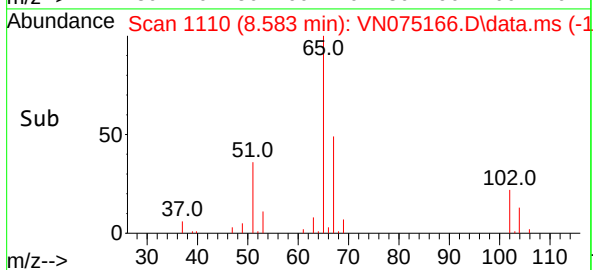
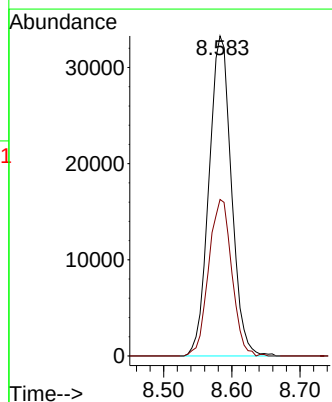
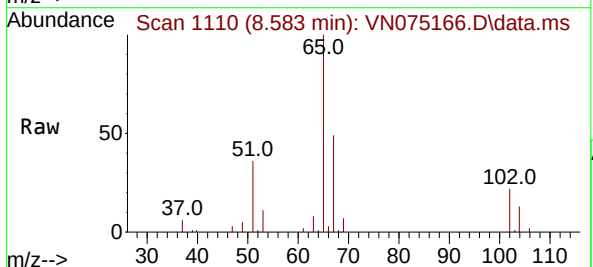
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBL01

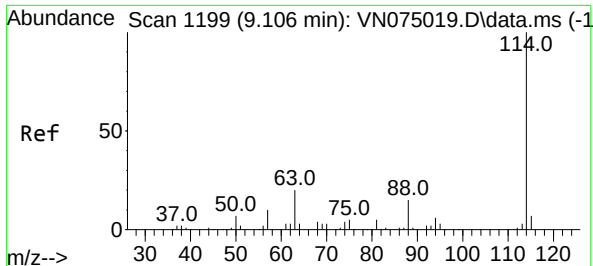
Tgt Ion:168 Resp: 95705  
Ion Ratio Lower Upper  
168 100  
99 63.3 51.6 77.4



#33  
1,2-Dichloroethane-d4  
Concen: 59.122 ug/l  
RT: 8.583 min Scan# 1110  
Delta R.T. -0.005 min  
Lab File: VN075166.D  
Acq: 04 Nov 2022 11:29

Tgt Ion: 65 Resp: 76239  
Ion Ratio Lower Upper  
65 100  
67 50.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075166.D

Acq: 04 Nov 2022 11:29

Instrument :

MSVOA\_N

ClientSampleId :

VN1104WBL01

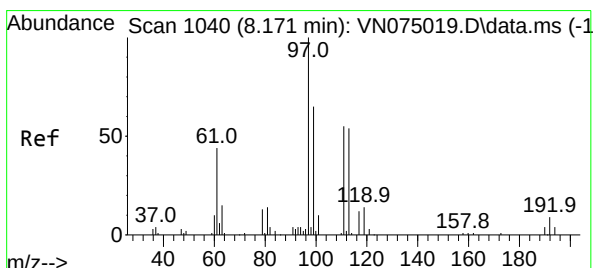
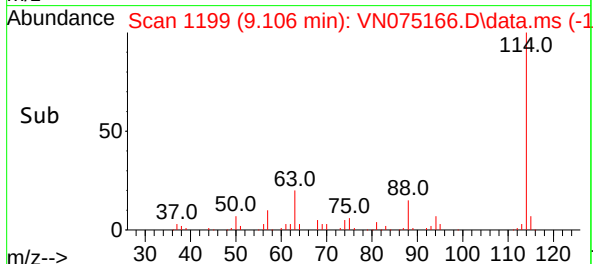
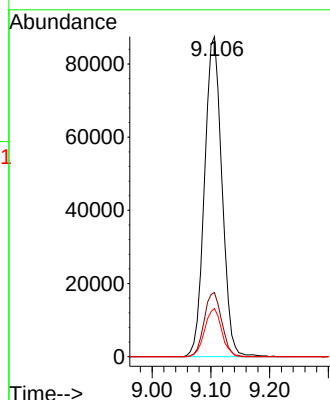
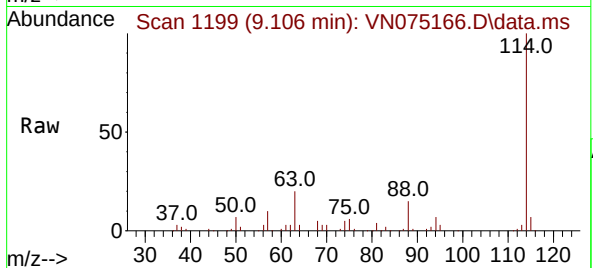
Tgt Ion:114 Resp: 180287

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 55.895 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075166.D

Acq: 04 Nov 2022 11:29

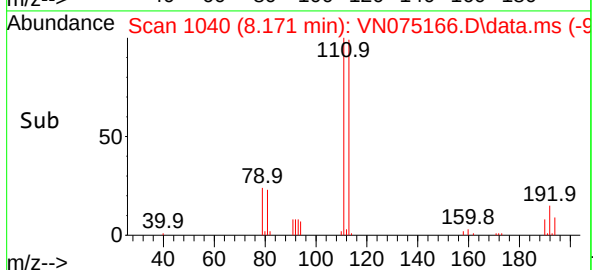
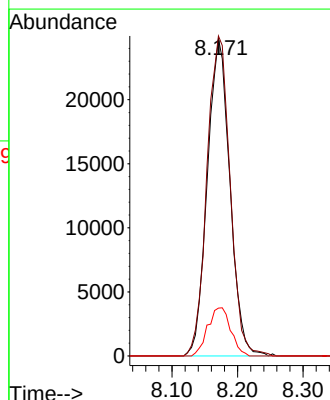
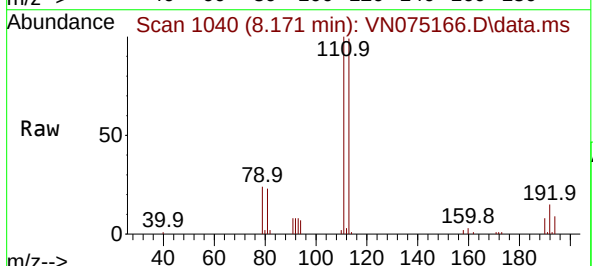
Tgt Ion:113 Resp: 59158

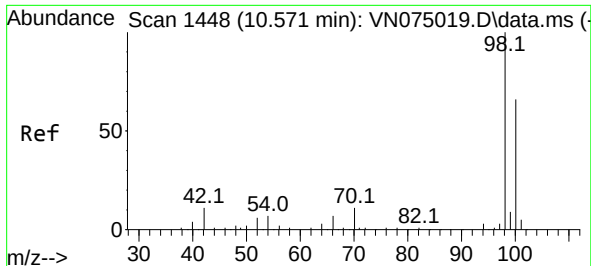
Ion Ratio Lower Upper

113 100

111 103.2 80.5 120.7

192 15.5 13.2 19.8

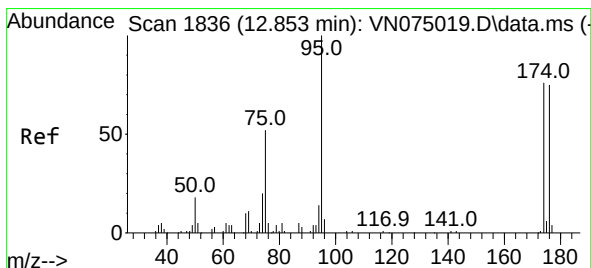
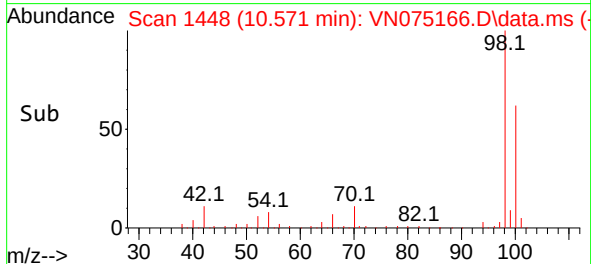
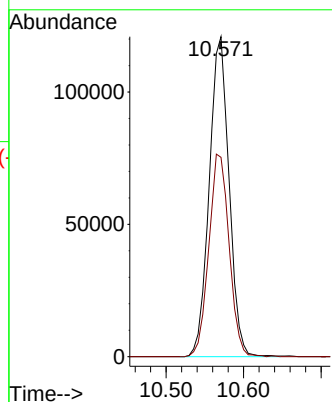
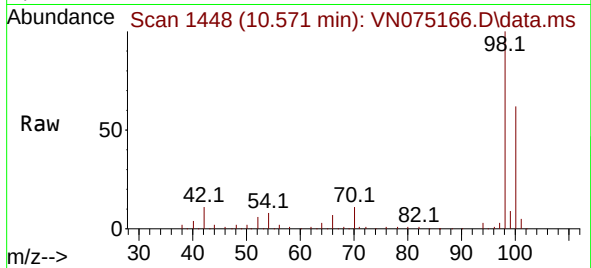




#50  
Toluene-d8  
Concen: 52.250 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN075166.D  
Acq: 04 Nov 2022 11:29

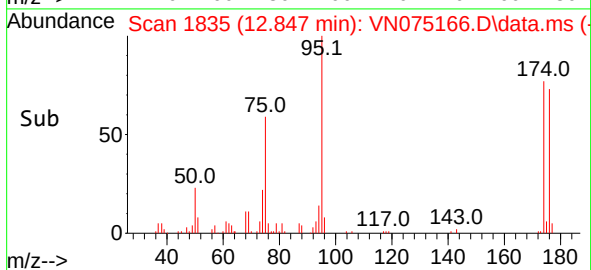
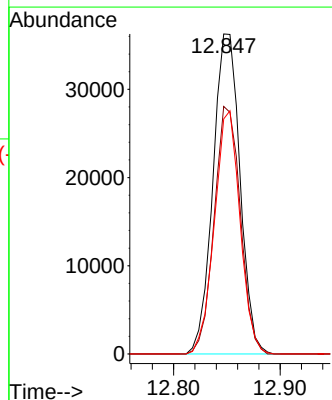
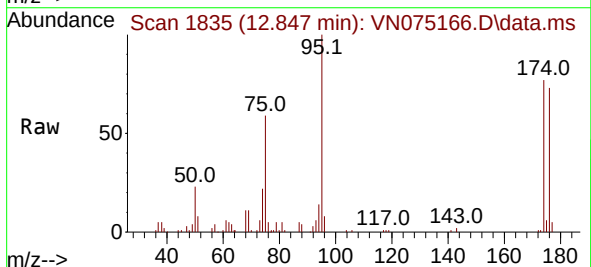
Instrument :  
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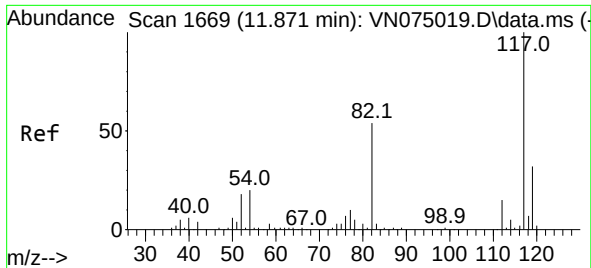
Tgt Ion: 98 Resp: 214550  
Ion Ratio Lower Upper  
98 100  
100 64.9 53.0 79.6



#62  
4-Bromofluorobenzene  
Concen: 44.339 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. -0.006 min  
Lab File: VN075166.D  
Acq: 04 Nov 2022 11:29

Tgt Ion: 95 Resp: 63956  
Ion Ratio Lower Upper  
95 100  
174 74.9 0.0 147.4  
176 72.0 0.0 142.2

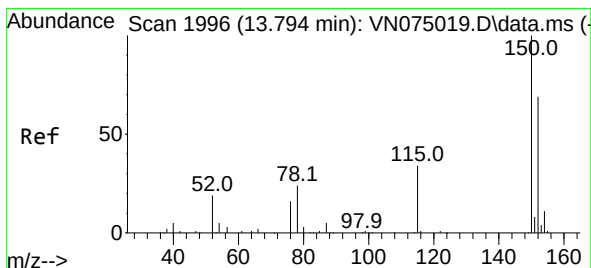
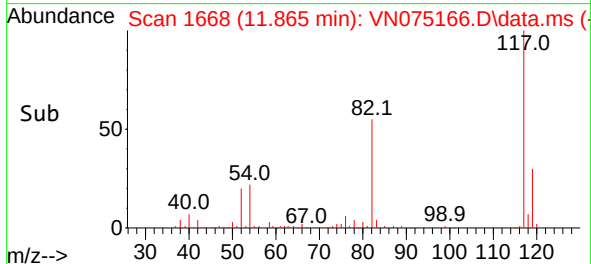
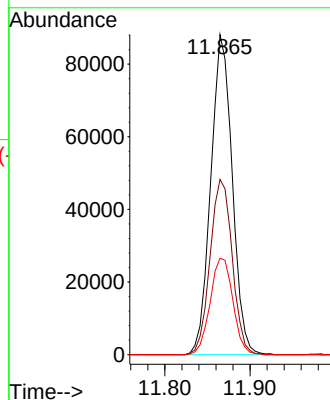
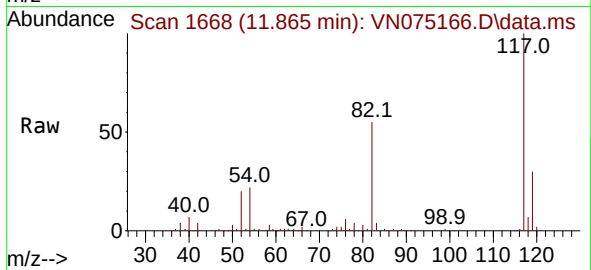




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN075166.D  
Acq: 04 Nov 2022 11:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBL01

Tgt Ion:117 Resp: 154107  
Ion Ratio Lower Upper  
117 100  
82 54.8 43.1 64.7  
119 30.1 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: VN075166.D  
Acq: 04 Nov 2022 11:29

Tgt Ion:152 Resp: 59993  
Ion Ratio Lower Upper  
152 100  
115 60.4 30.2 90.6  
150 157.0 0.0 348.4

