

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100622\  
 Data File : VN074782.D  
 Acq On : 06 Oct 2022 14:39  
 Operator : JC\MD  
 Sample : N5005-03RE  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TB-01-100422

Quant Time: Oct 06 14:57:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100522W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 05:37:50 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.235  | 168  | 271126   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 487557   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 479374   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 234568   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 340086   | 52.939   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 105.880% |
| 35) Dibromofluoromethane    | 8.177  | 113   | 261809   | 53.148   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 106.300% |
| 50) Toluene-d8              | 10.570 | 98    | 1080888  | 51.137   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 102.280% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 273582   | 42.578   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 85.160%  |

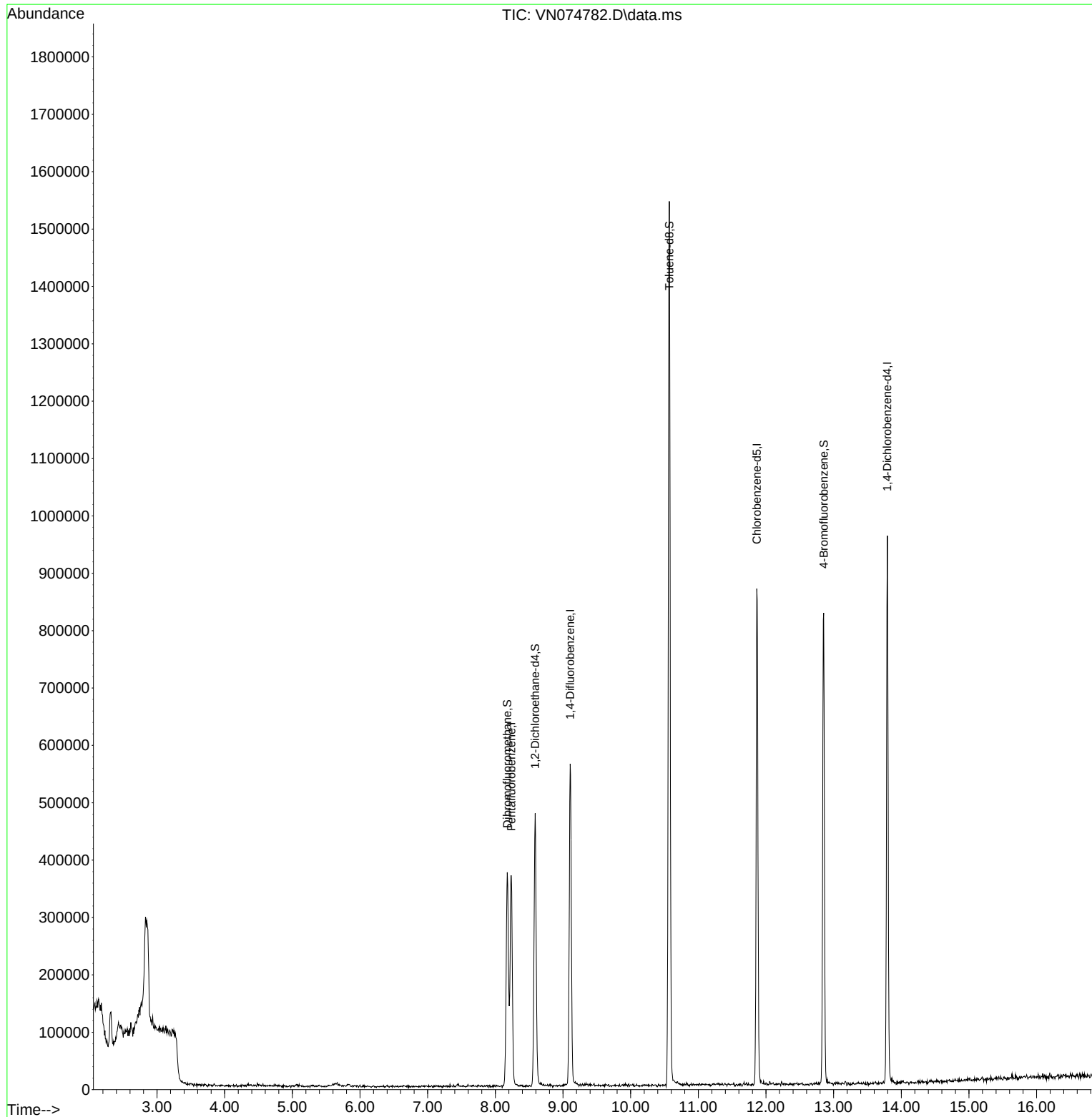
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

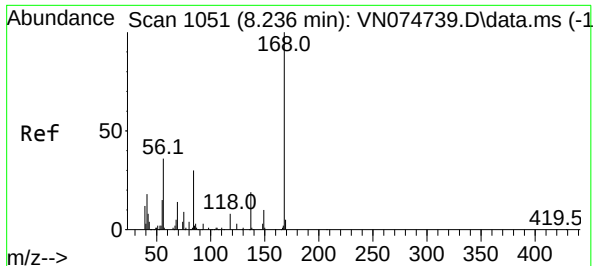
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Oct 06 05:37:50 2022  
Response via : Initial Calibration

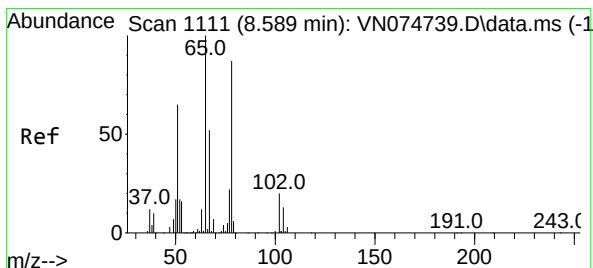
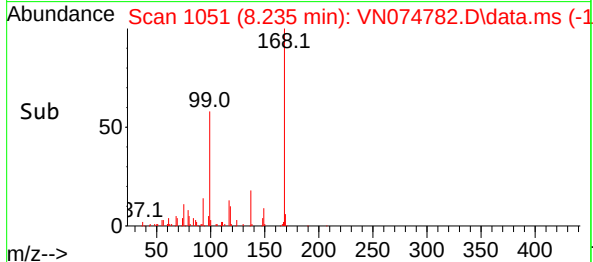
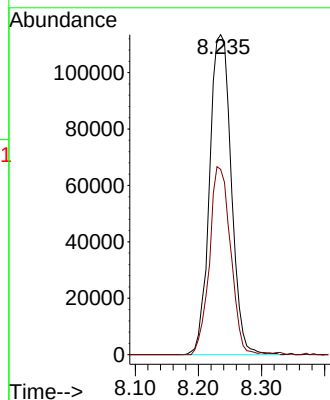
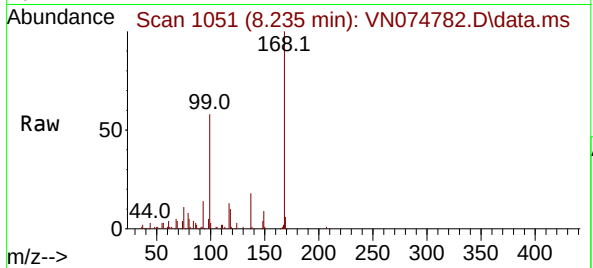




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.235 min Scan# 1051  
Delta R.T. -0.001 min  
Lab File: VN074782.D  
Acq: 06 Oct 2022 14:39

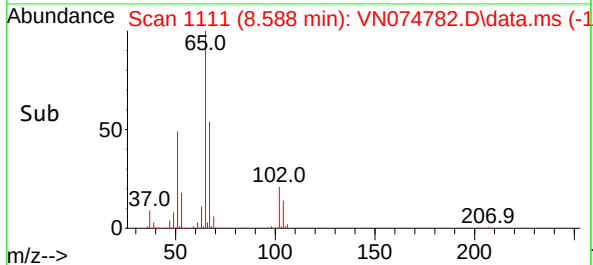
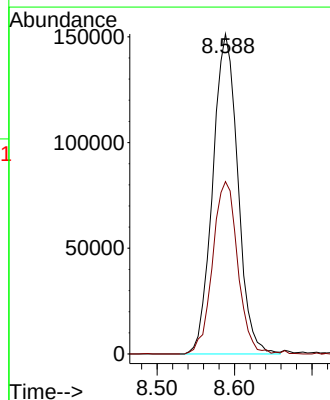
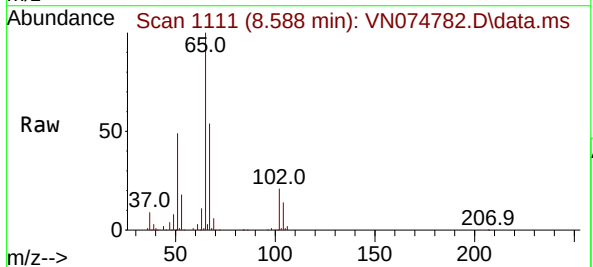
Instrument :  
MSVOA\_N  
ClientSampleId :  
TB-01-100422

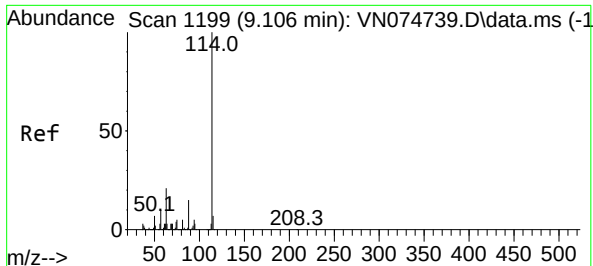
Tgt Ion:168 Resp: 271126  
Ion Ratio Lower Upper  
168 100  
99 57.9 42.8 64.2



#33  
1,2-Dichloroethane-d4  
Concen: 52.939 ug/l  
RT: 8.588 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: VN074782.D  
Acq: 06 Oct 2022 14:39

Tgt Ion: 65 Resp: 340086  
Ion Ratio Lower Upper  
65 100  
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074782.D

Acq: 06 Oct 2022 14:39

Instrument :

MSVOA\_N

ClientSampleId :

TB-01-100422

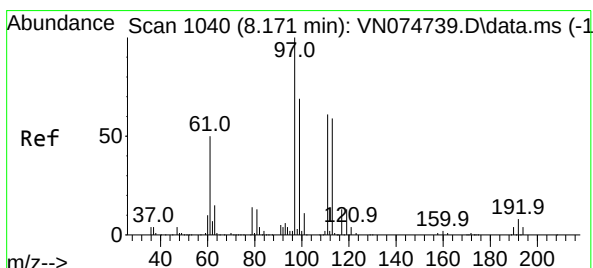
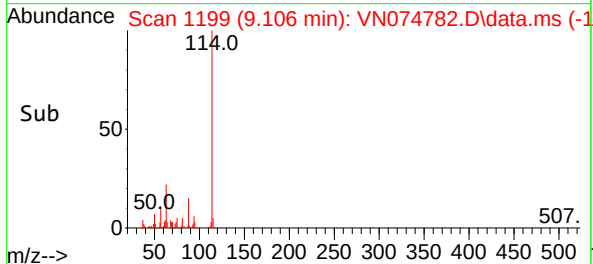
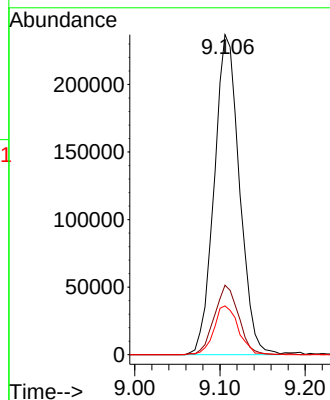
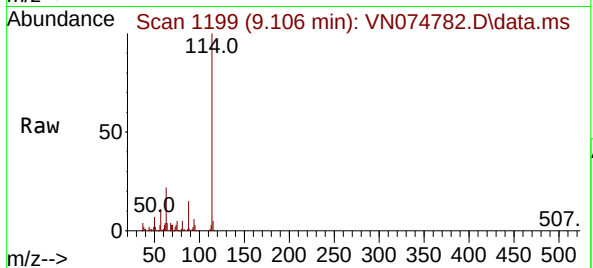
Tgt Ion:114 Resp: 487557

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.2

88 15.3 0.0 30.2



#35

Dibromofluoromethane

Concen: 53.148 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074782.D

Acq: 06 Oct 2022 14:39

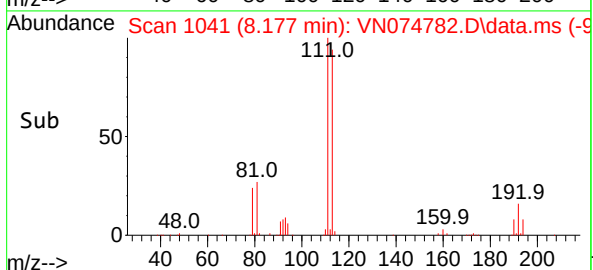
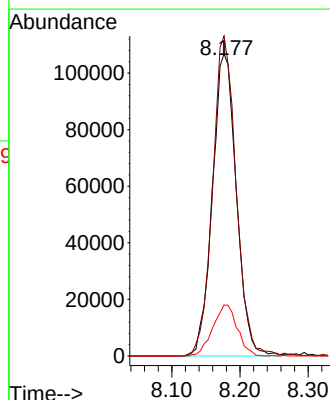
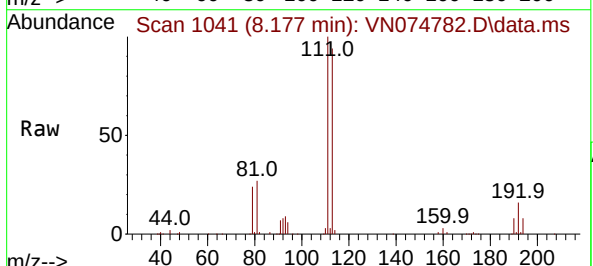
Tgt Ion:113 Resp: 261809

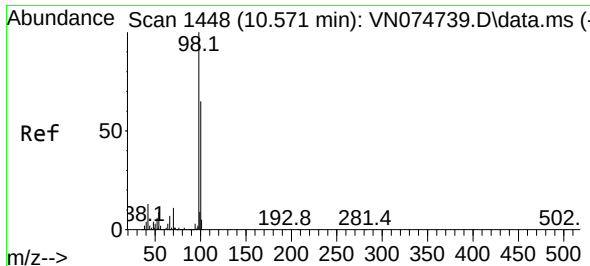
Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.6

192 17.2 12.6 18.8

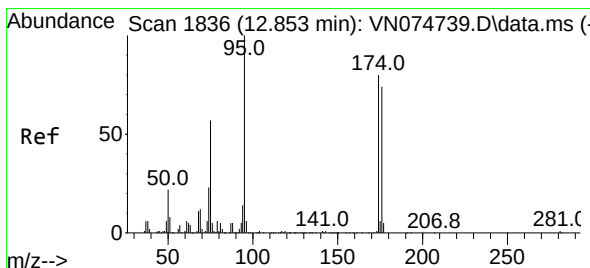
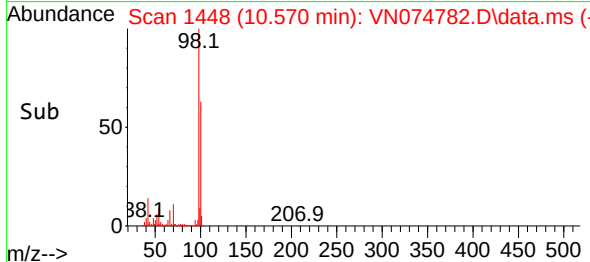
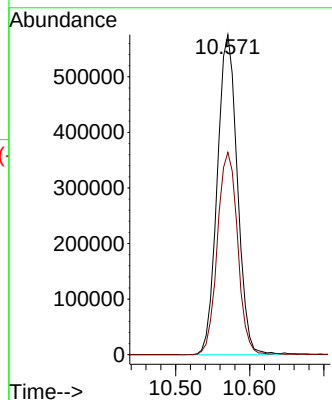
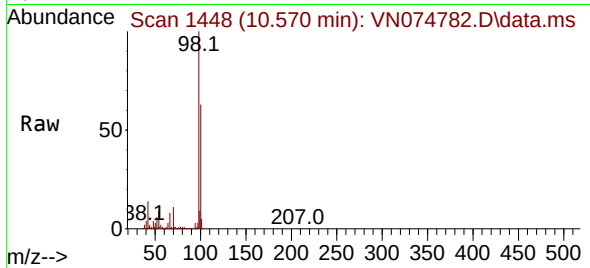




#50  
Toluene-d8  
Concen: 51.137 ug/l  
RT: 10.570 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN074782.D  
Acq: 06 Oct 2022 14:39

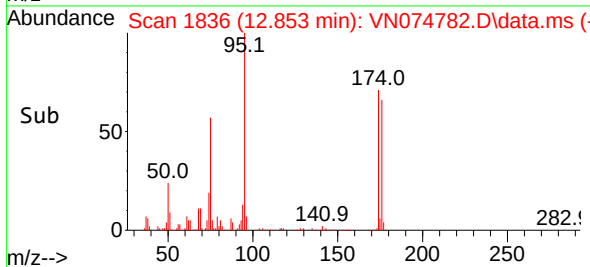
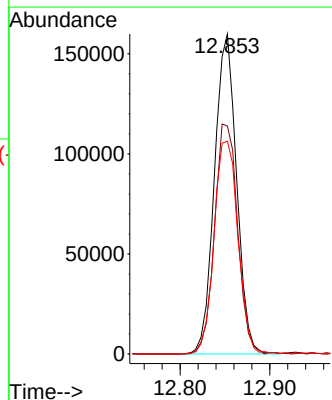
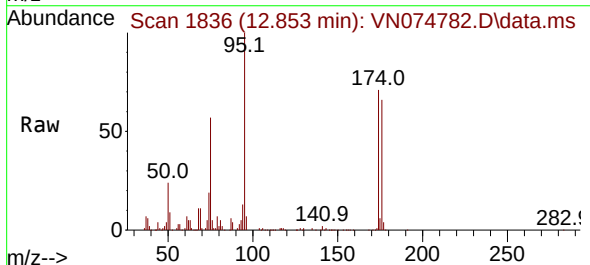
Instrument :  
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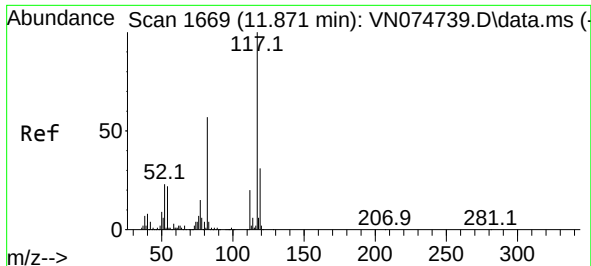
Tgt Ion: 98 Resp: 1080888  
Ion Ratio Lower Upper  
98 100  
100 63.7 50.7 76.1



#62  
4-Bromofluorobenzene  
Concen: 42.578 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN074782.D  
Acq: 06 Oct 2022 14:39

Tgt Ion: 95 Resp: 273582  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 149.4  
176 72.1 0.0 142.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074782.D

Acq: 06 Oct 2022 14:39

Instrument :

MSVOA\_N

ClientSampleId :

TB-01-100422

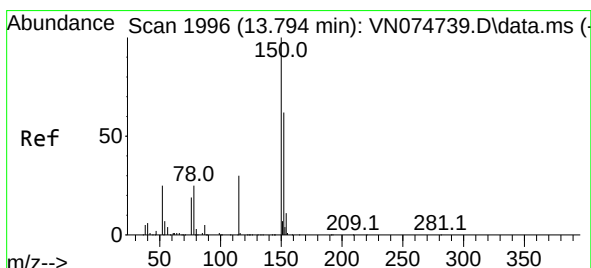
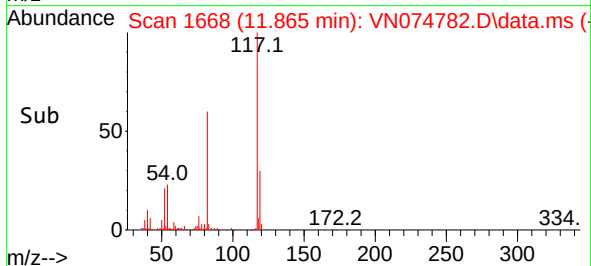
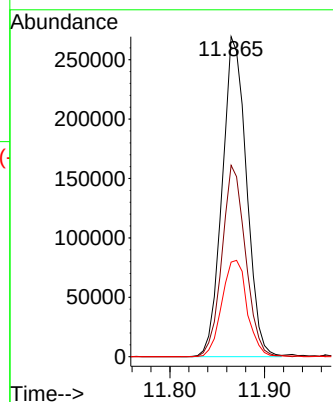
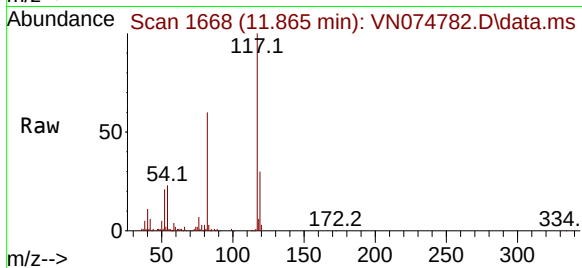
Tgt Ion:117 Resp: 479374

Ion Ratio Lower Upper

117 100

82 59.8 45.4 68.2

119 29.5 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN074782.D

Acq: 06 Oct 2022 14:39

Tgt Ion:152 Resp: 234568

Ion Ratio Lower Upper

152 100

115 61.1 30.0 90.0

150 160.7 0.0 356.4

