

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091922\  
 Data File : VN074578.D  
 Acq On : 19 Sep 2022 11:49  
 Operator : JC\MD  
 Sample : VN0919WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0919WBL01

Quant Time: Sep 20 04:18:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091522W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 15 19:20:33 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 295077   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.904  | 114  | 577538   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.686 | 117  | 550137   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.616 | 152  | 242412   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.375  | 65    | 238664   | 47.669   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 95.340%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 193930   | 50.549   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 101.100% |
| 50) Toluene-d8              | 10.381 | 98    | 707610   | 47.692   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 95.380%  |
| 62) 4-Bromofluorobenzene    | 12.675 | 95    | 269578   | 53.049   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 106.100% |

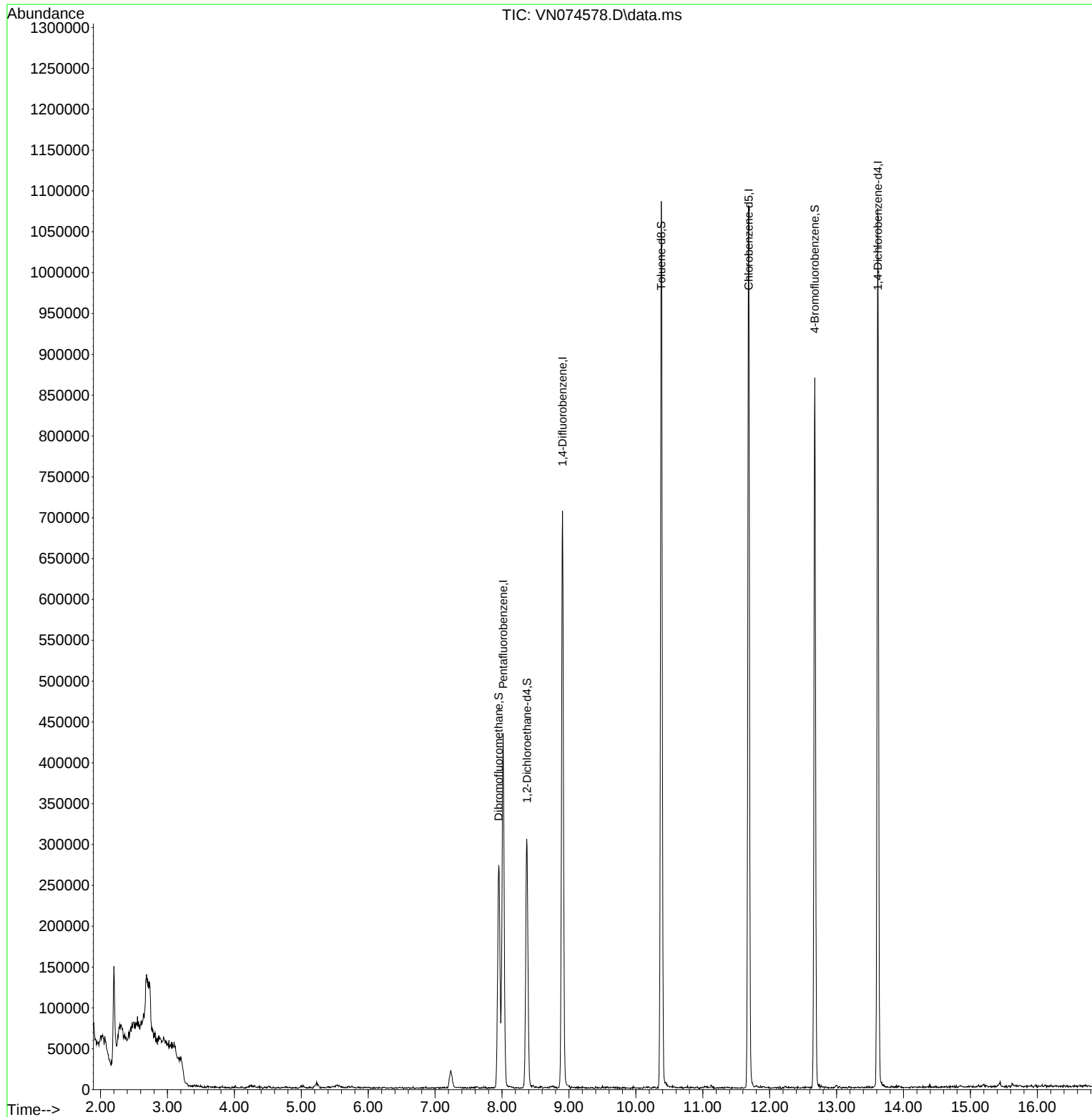
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

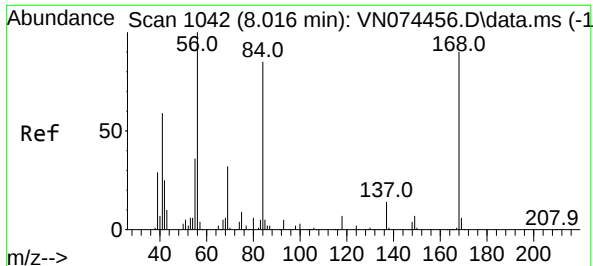
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0919WBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091522W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 15 19:20:33 2022  
Response via : Initial Calibration

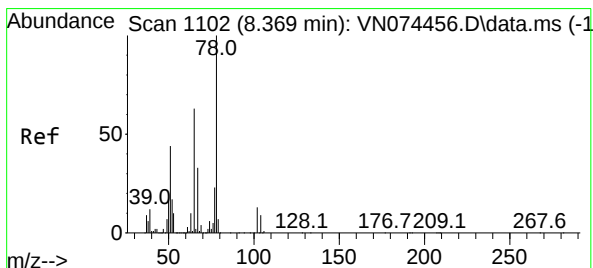
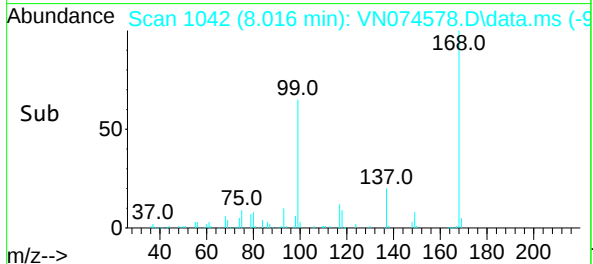
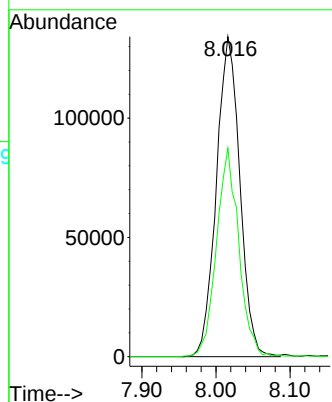
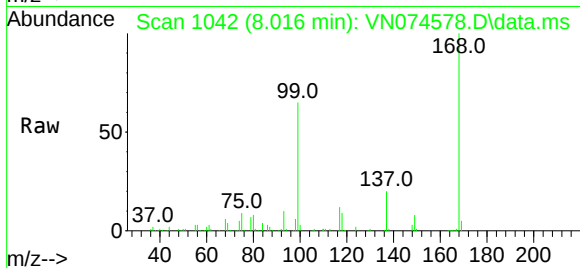




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1103  
Delta R.T. 0.000 min  
Lab File: VN074578.D  
Acq: 19 Sep 2022 11:49

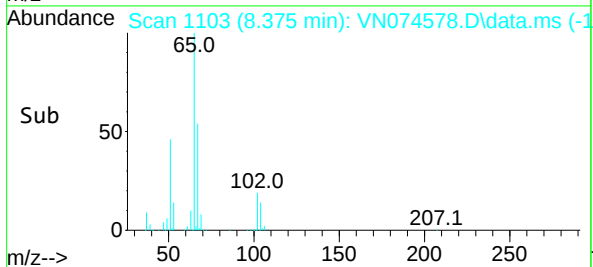
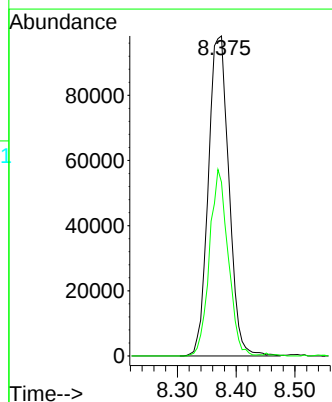
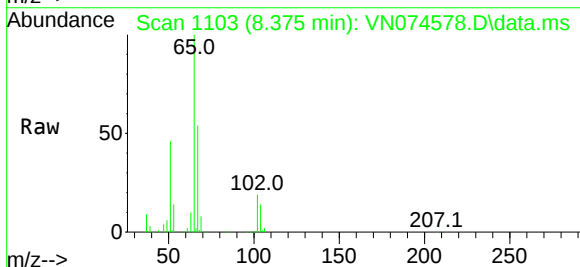
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0919WBL01

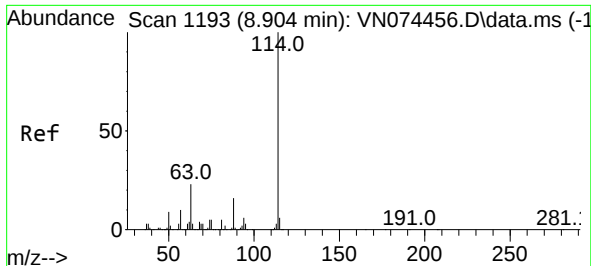
Tgt Ion:168 Resp: 295077  
Ion Ratio Lower Upper  
168 100  
99 65.2 42.3 63.5#



#33  
1,2-Dichloroethane-d4  
Concen: 47.669 ug/l  
RT: 8.375 min Scan# 1103  
Delta R.T. 0.006 min  
Lab File: VN074578.D  
Acq: 19 Sep 2022 11:49

Tgt Ion: 65 Resp: 238664  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074578.D

Acq: 19 Sep 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0919WBL01

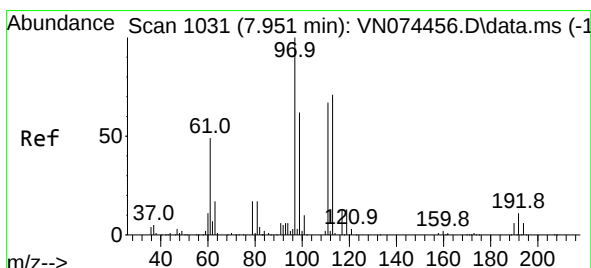
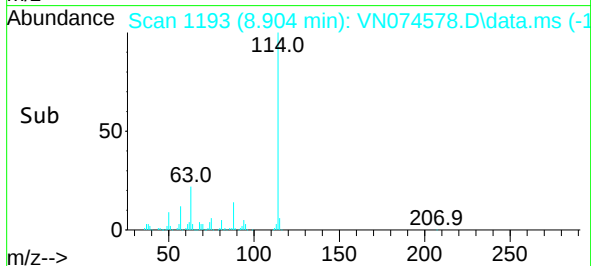
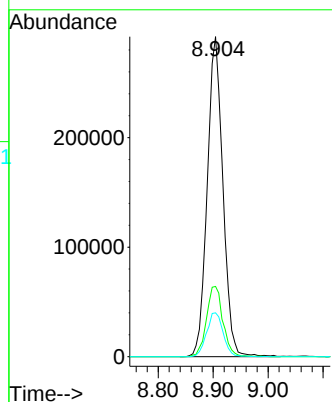
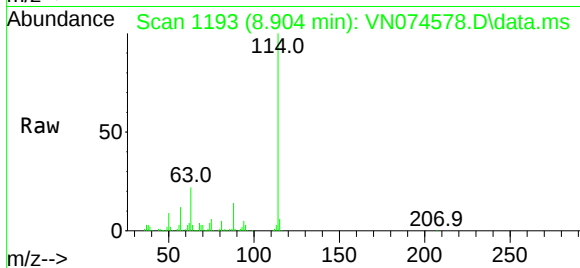
Tgt Ion:114 Resp: 577538

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 13.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.549 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074578.D

Acq: 19 Sep 2022 11:49

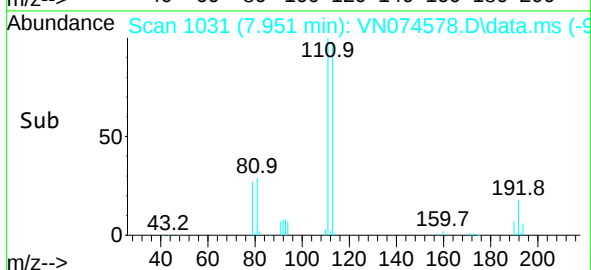
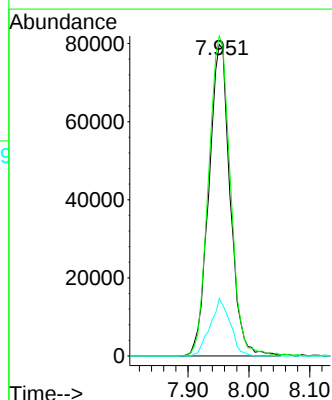
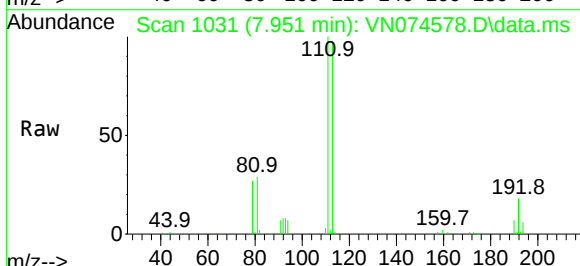
Tgt Ion:113 Resp: 193930

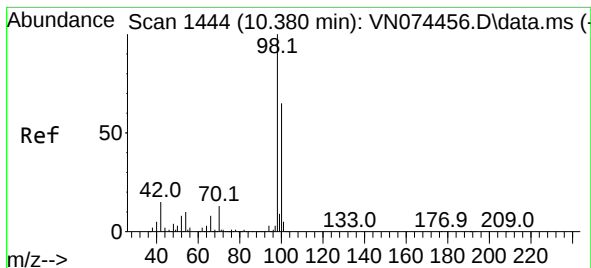
Ion Ratio Lower Upper

113 100

111 105.3 81.4 122.0

192 17.2 17.0 25.6





#50

Toluene-d8

Concen: 47.692 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.001 min

Lab File: VN074578.D

Acq: 19 Sep 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

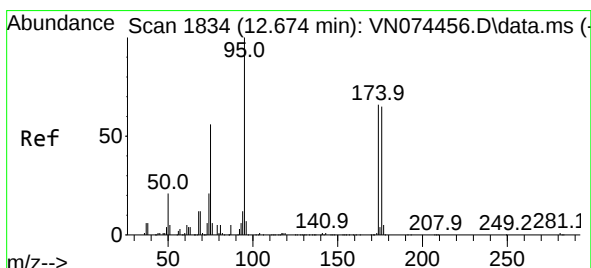
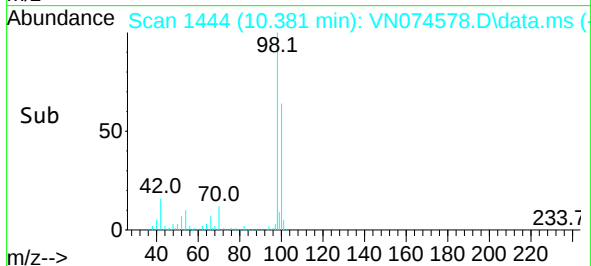
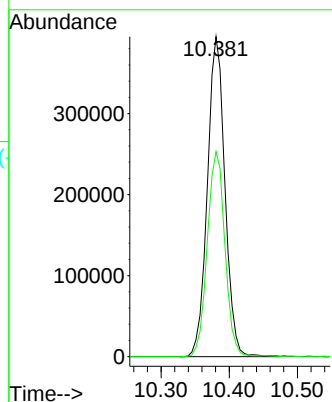
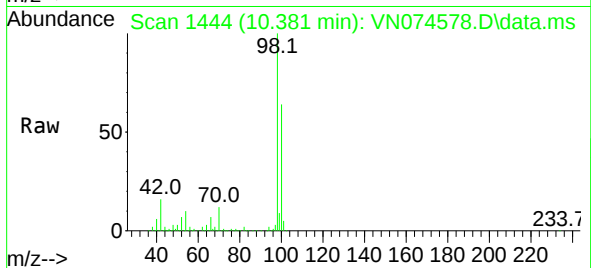
VN0919WBL01

Tgt Ion: 98 Resp: 707610

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 53.049 ug/l

RT: 12.675 min Scan# 1834

Delta R.T. 0.001 min

Lab File: VN074578.D

Acq: 19 Sep 2022 11:49

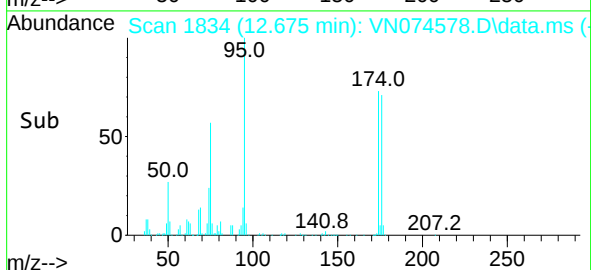
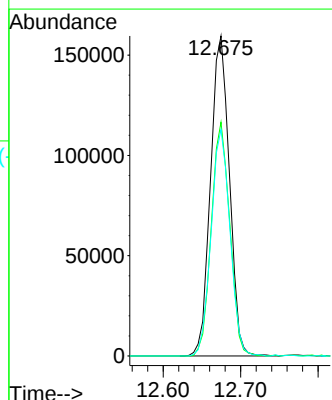
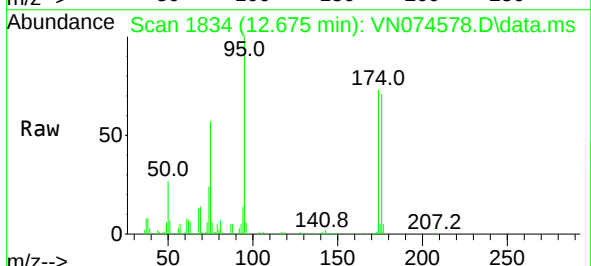
Tgt Ion: 95 Resp: 269578

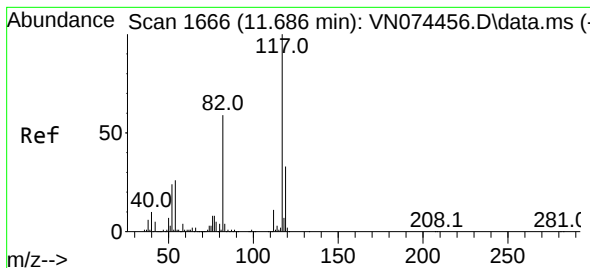
Ion Ratio Lower Upper

95 100

174 71.5 0.0 167.6

176 70.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074578.D

Acq: 19 Sep 2022 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0919WBL01

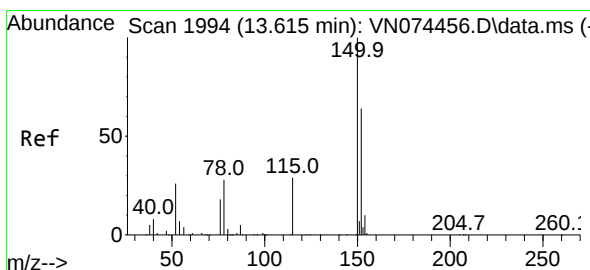
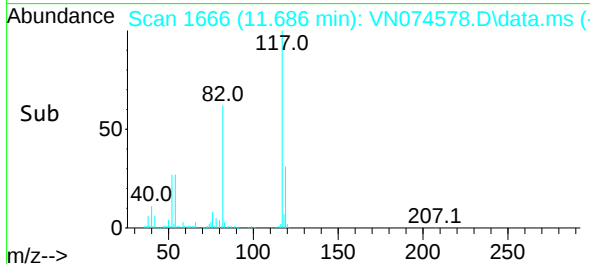
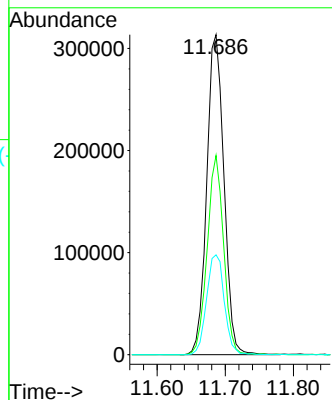
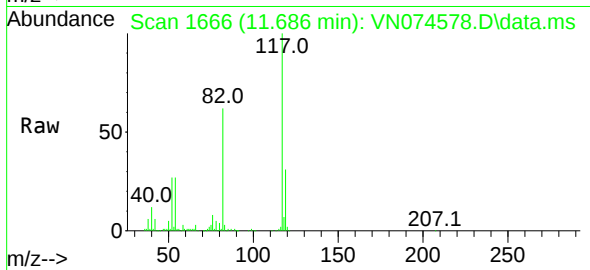
Tgt Ion:117 Resp: 550137

Ion Ratio Lower Upper

117 100

82 62.3 44.2 66.2

119 31.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074578.D

Acq: 19 Sep 2022 11:49

Tgt Ion:152 Resp: 242412

Ion Ratio Lower Upper

152 100

115 59.5 28.9 86.7

150 158.9 0.0 356.2

