

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072122\  
 Data File : VN073548.D  
 Acq On : 21 Jul 2022 11:45  
 Operator : JC\MD  
 Sample : VN0721MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0721MBL01

Quant Time: Jul 21 15:48:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 01:54:03 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 249414   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.904  | 114  | 394300   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.686 | 117  | 359470   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.616 | 152  | 161617   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 151166   | 41.984   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 83.960%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 132141   | 50.371   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 100.740% |
| 50) Toluene-d8              | 10.380 | 98    | 415006   | 44.542   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 89.080%  |
| 62) 4-Bromofluorobenzene    | 12.669 | 95    | 166055   | 46.377   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 92.760%  |

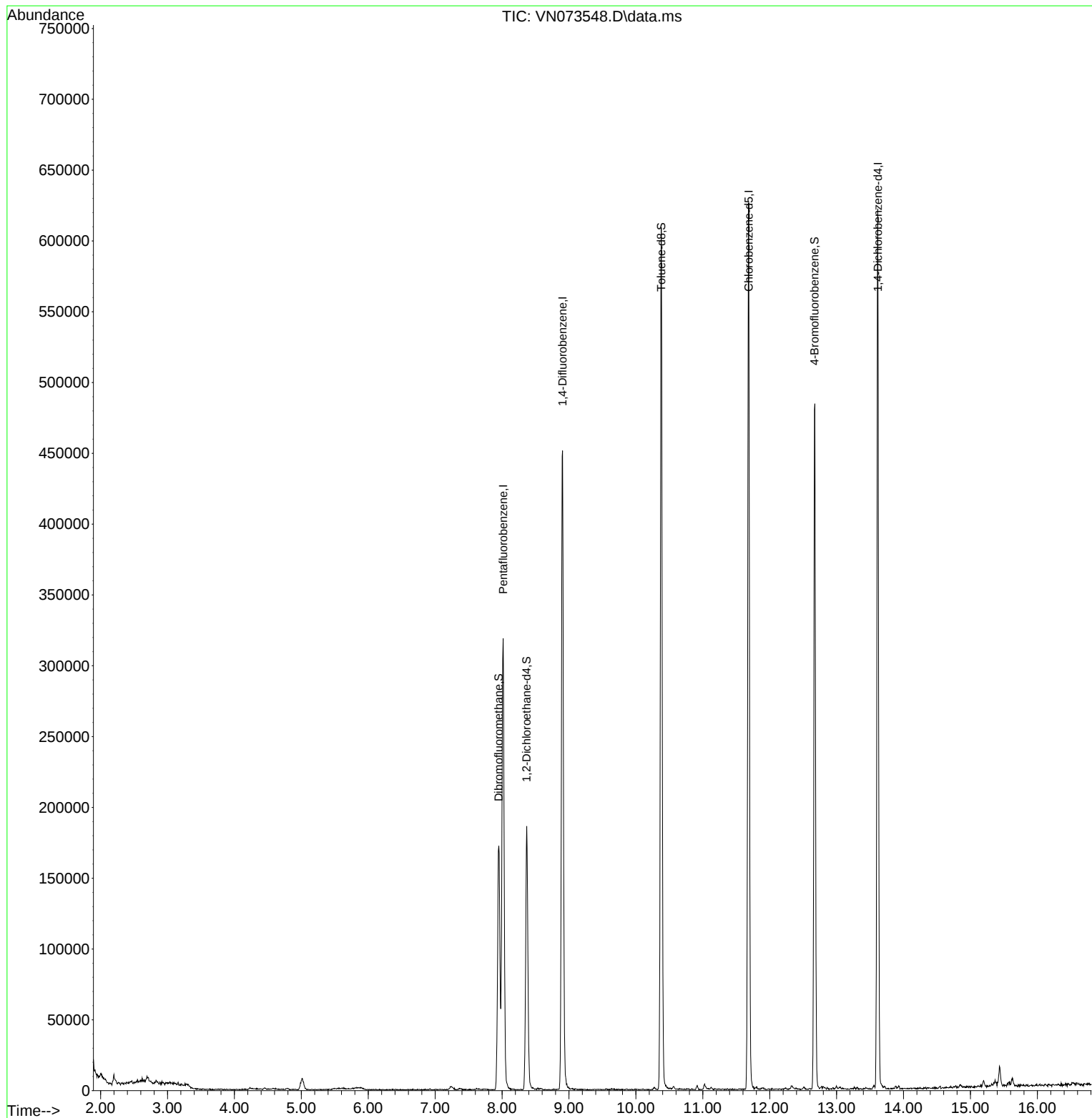
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

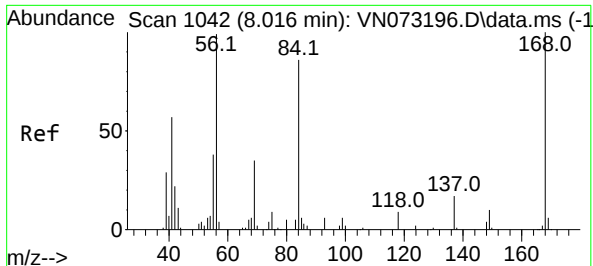
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Jun 29 01:54:03 2022  
Response via : Initial Calibration

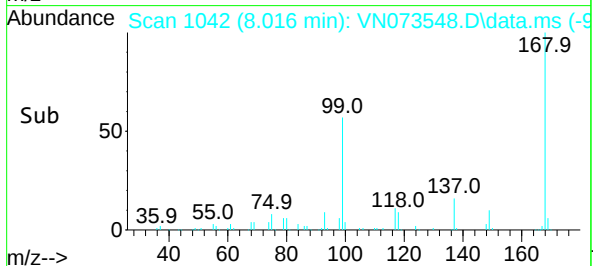
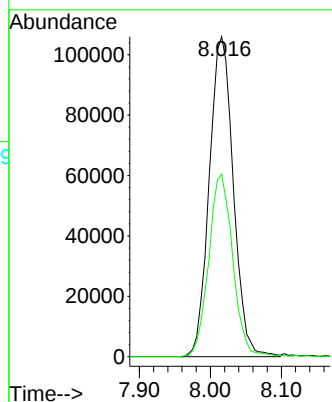
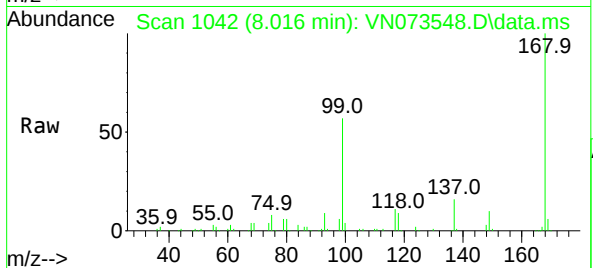




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073548.D  
Acq: 21 Jul 2022 11:45

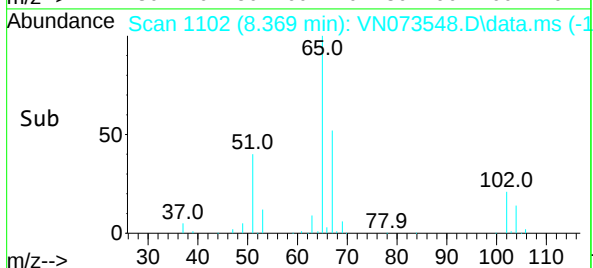
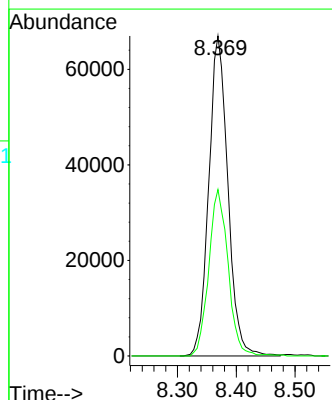
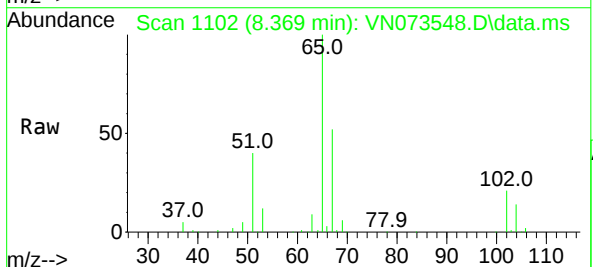
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0721MBL01

Tgt Ion:168 Resp: 249414  
Ion Ratio Lower Upper  
168 100  
99 57.0 42.3 63.5



#33  
1,2-Dichloroethane-d4  
Concen: 41.984 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VN073548.D  
Acq: 21 Jul 2022 11:45

Tgt Ion: 65 Resp: 151166  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073548.D

Acq: 21 Jul 2022 11:45

Instrument :

MSVOA\_N

ClientSampleId :

VN0721MBL01

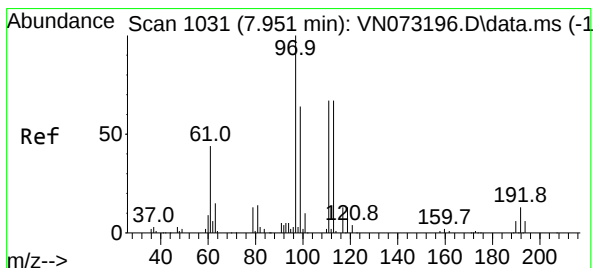
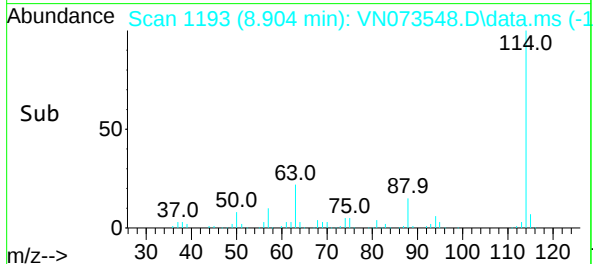
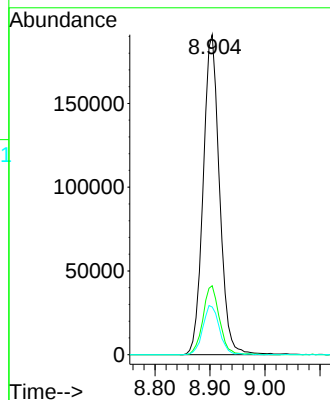
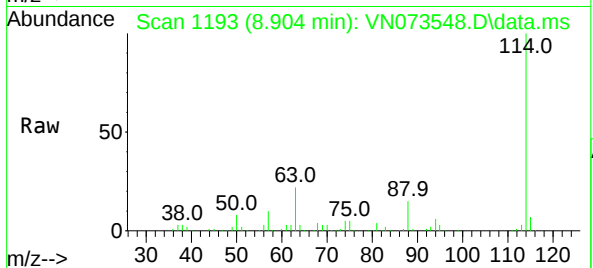
Tgt Ion:114 Resp: 394300

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.371 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073548.D

Acq: 21 Jul 2022 11:45

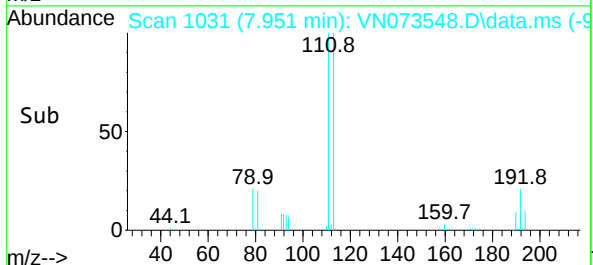
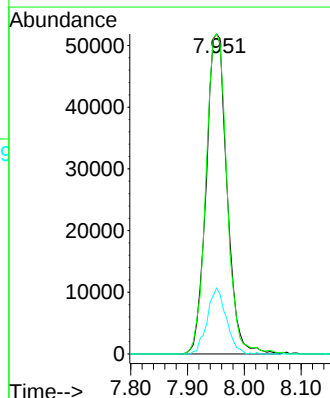
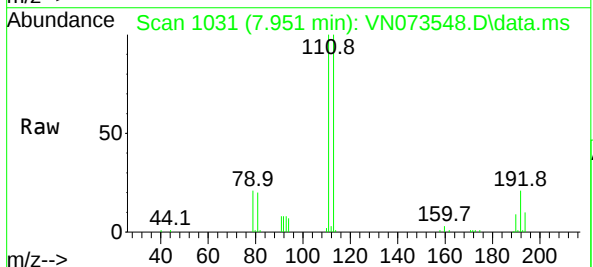
Tgt Ion:113 Resp: 132141

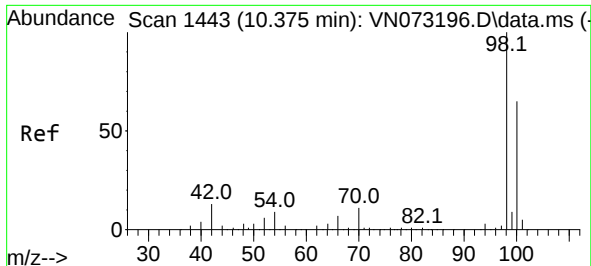
Ion Ratio Lower Upper

113 100

111 100.6 81.4 122.0

192 18.8 17.0 25.6

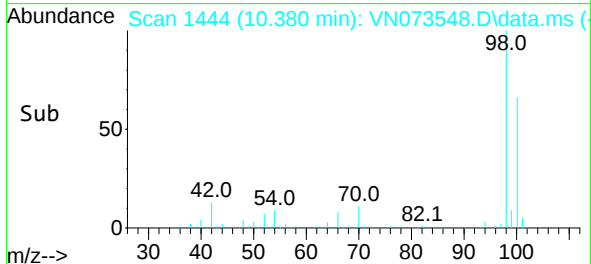
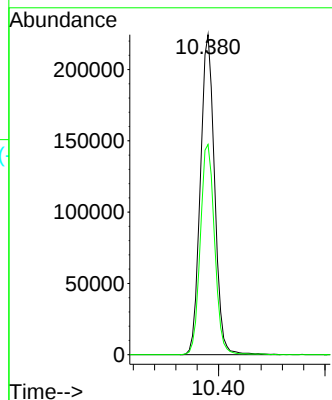
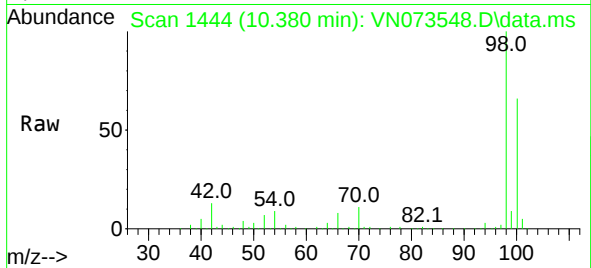




#50  
Toluene-d8  
Concen: 44.542 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.005 min  
Lab File: VN073548.D  
Acq: 21 Jul 2022 11:45

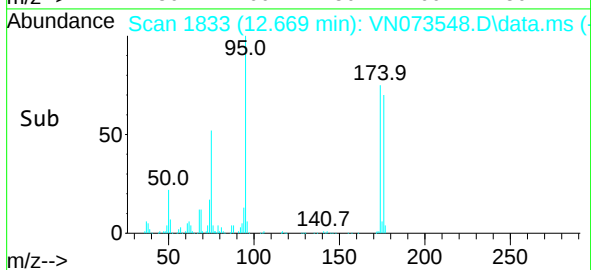
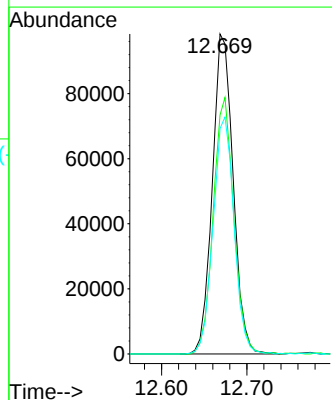
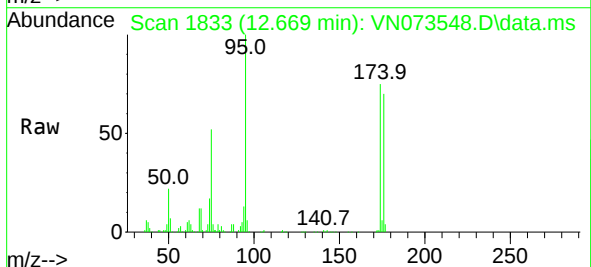
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VN0721MBL01

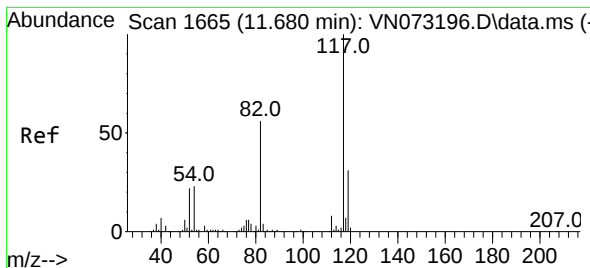
Tgt Ion: 98 Resp: 415006  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 46.377 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN073548.D  
Acq: 21 Jul 2022 11:45

Tgt Ion: 95 Resp: 166055  
Ion Ratio Lower Upper  
95 100  
174 79.6 0.0 167.6  
176 74.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073548.D

Acq: 21 Jul 2022 11:45

Instrument :

MSVOA\_N

ClientSampleId :

VN0721MBL01

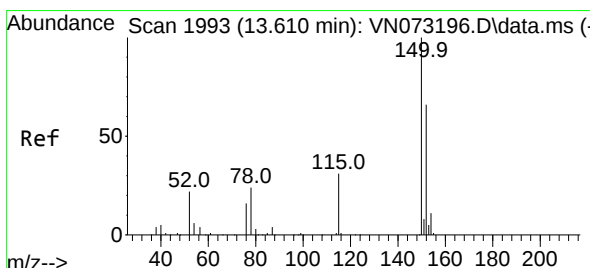
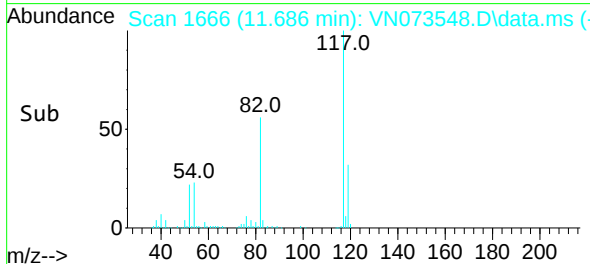
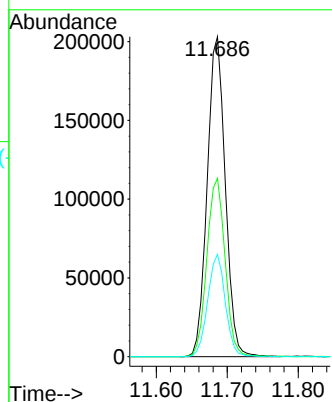
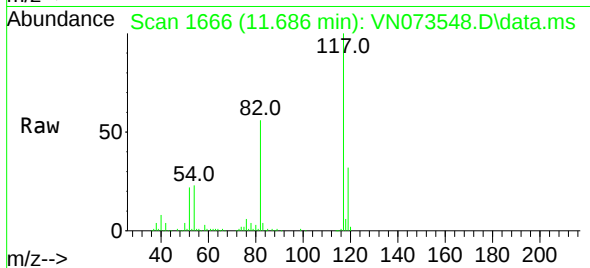
Tgt Ion:117 Resp: 359470

Ion Ratio Lower Upper

117 100

82 55.8 44.2 66.2

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN073548.D

Acq: 21 Jul 2022 11:45

Tgt Ion:152 Resp: 161617

Ion Ratio Lower Upper

152 100

115 59.8 28.9 86.7

150 160.4 0.0 356.2

