

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011922\  
 Data File : VN070691.D  
 Acq On : 19 Jan 2022 11:24  
 Operator : JC/MD  
 Sample : VN0119MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0119MBL01

Quant Time: Jan 20 03:34:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 18 13:32:07 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 1099027  | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.965  | 114  | 1749633  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.744 | 117  | 1527742  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 547463   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 722909   | 45.897   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 91.800% |
| 35) Dibromofluoromethane    | 8.021  | 113   | 508284   | 46.834   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 93.660% |
| 50) Toluene-d8              | 10.440 | 98    | 2140933  | 46.826   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 93.660% |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 690574   | 42.386   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 84.780% |

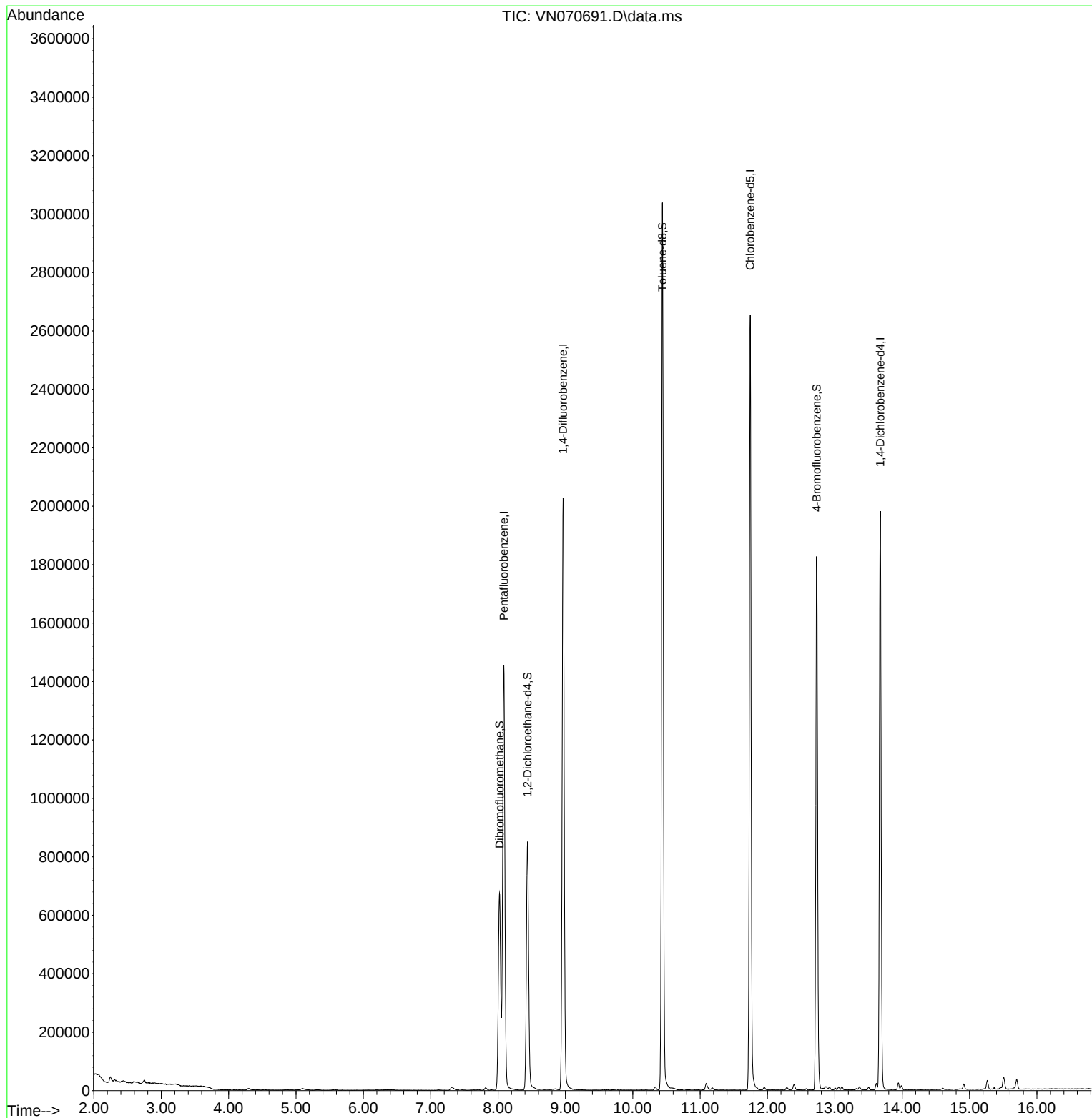
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

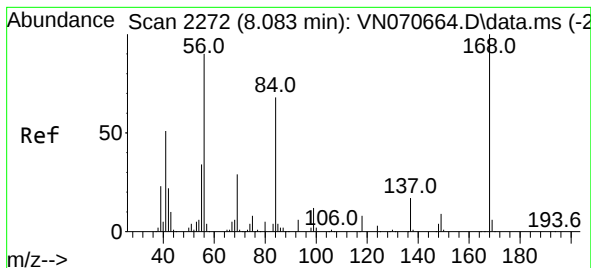
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Jan 18 13:32:07 2022  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070691.D

Acq: 19 Jan 2022 11:24

Instrument :

MSVOA\_N

ClientSampleId :

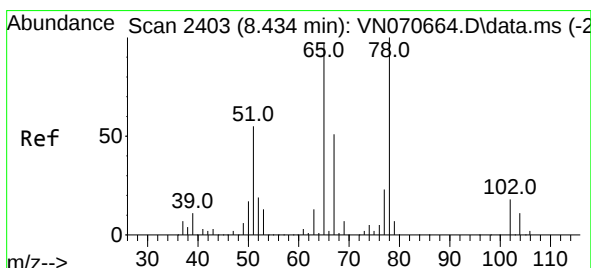
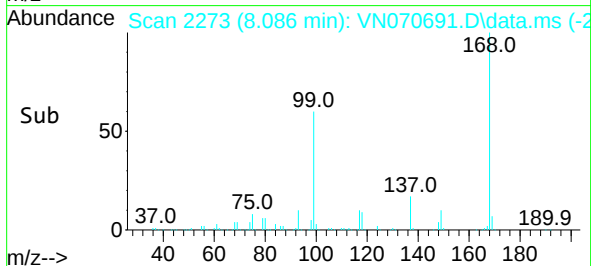
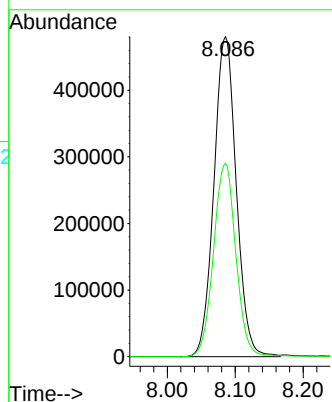
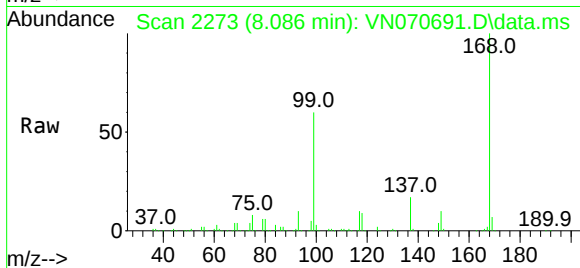
VN0119MBL01

Tgt Ion:168 Resp: 1099027

Ion Ratio Lower Upper

168 100

99 60.5 41.3 61.9



#33

1,2-Dichloroethane-d4

Concen: 45.897 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070691.D

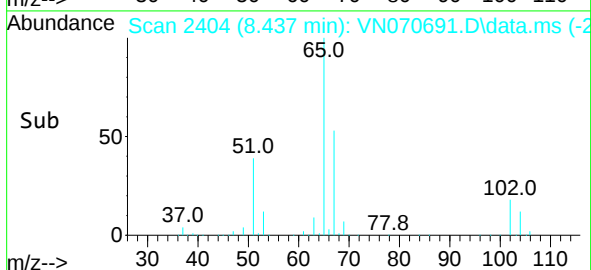
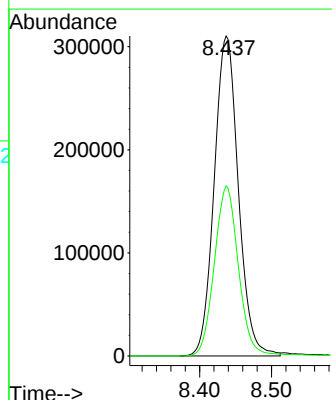
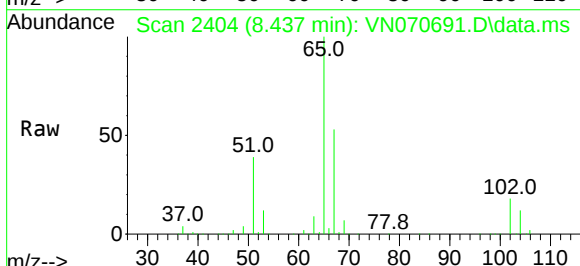
Acq: 19 Jan 2022 11:24

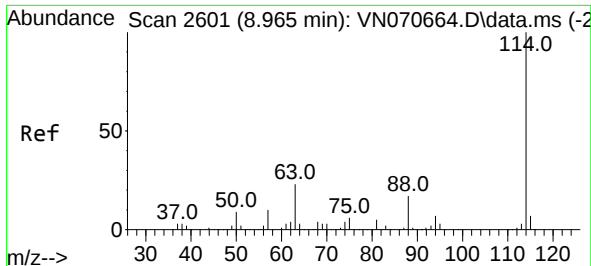
Tgt Ion: 65 Resp: 722909

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VN070691.D

Acq: 19 Jan 2022 11:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0119MBL01

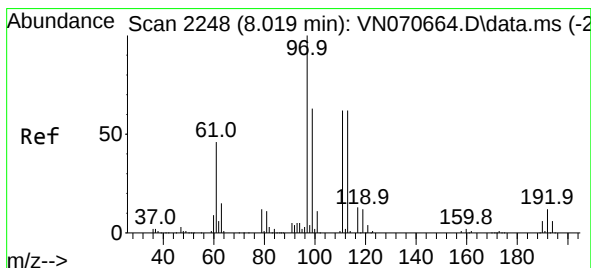
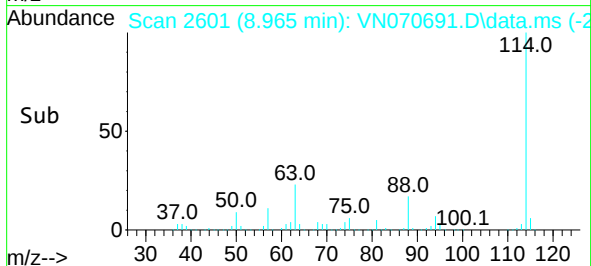
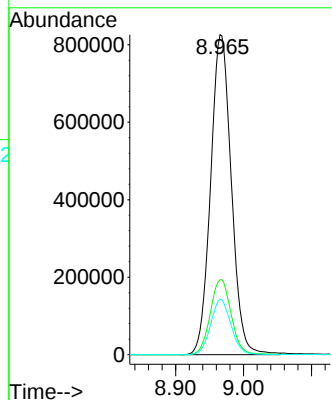
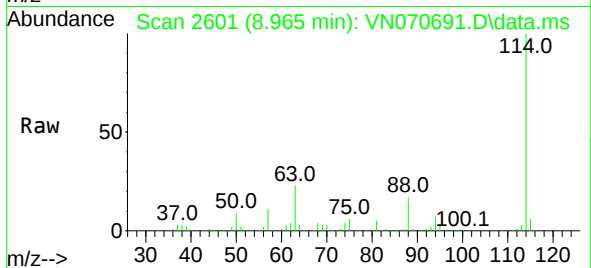
Tgt Ion:114 Resp: 1749633

Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 17.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.834 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070691.D

Acq: 19 Jan 2022 11:24

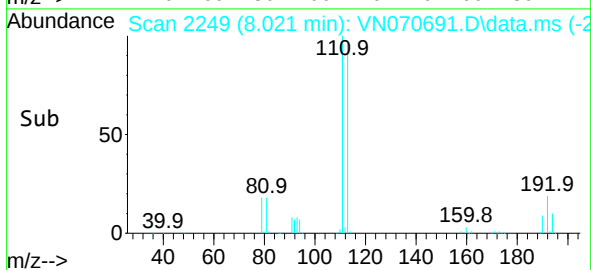
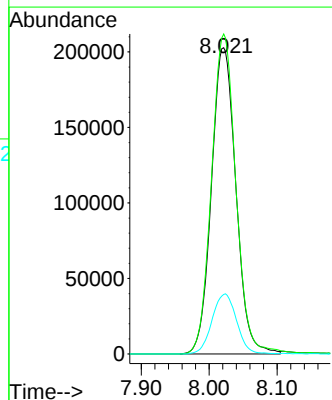
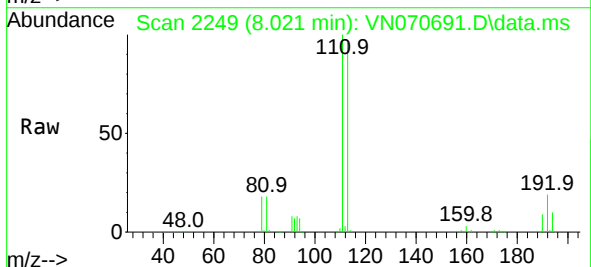
Tgt Ion:113 Resp: 508284

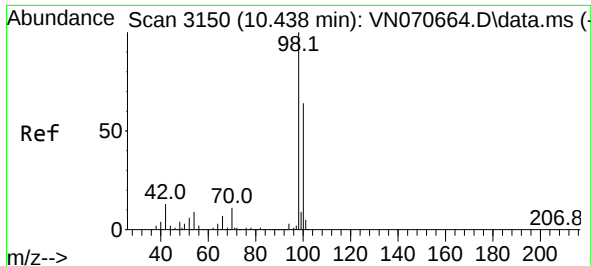
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.2

192 19.7 16.9 25.3

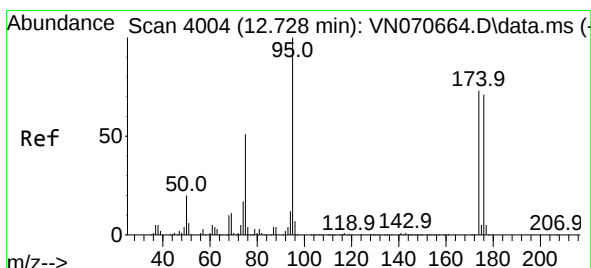
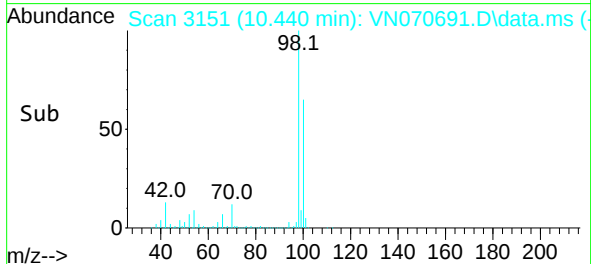
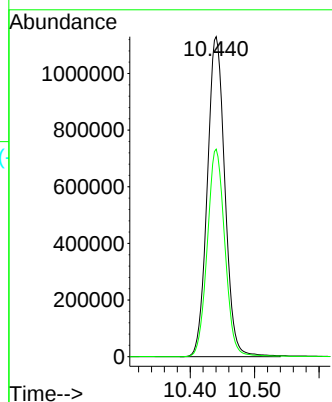
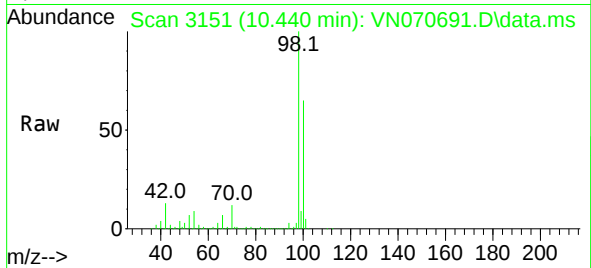




#50  
Toluene-d8  
Concen: 46.826 ug/l  
RT: 10.440 min Scan# 3150  
Delta R.T. 0.002 min  
Lab File: VN070691.D  
Acq: 19 Jan 2022 11:24

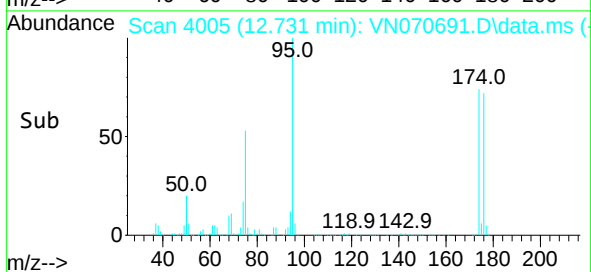
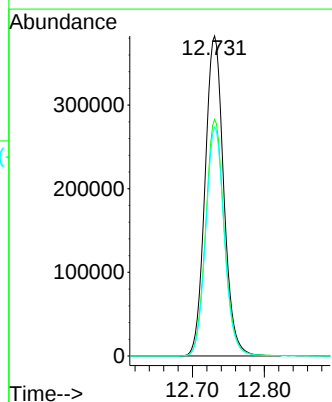
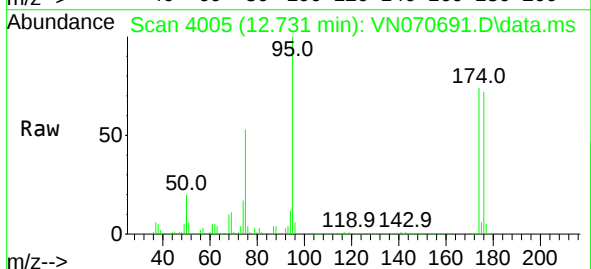
Instrument :  
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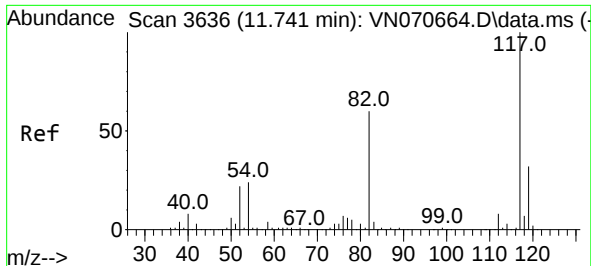
Tgt Ion: 98 Resp: 2140933  
Ion Ratio Lower Upper  
98 100  
100 65.0 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 42.386 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. 0.003 min  
Lab File: VN070691.D  
Acq: 19 Jan 2022 11:24

Tgt Ion: 95 Resp: 690574  
Ion Ratio Lower Upper  
95 100  
174 74.1 0.0 187.2  
176 71.2 0.0 181.4

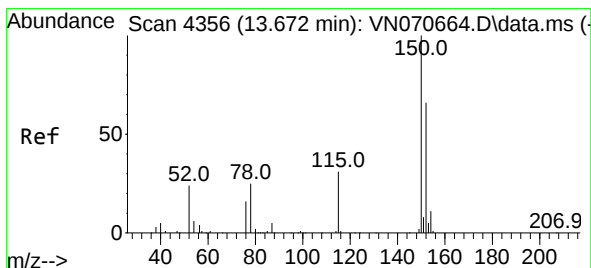
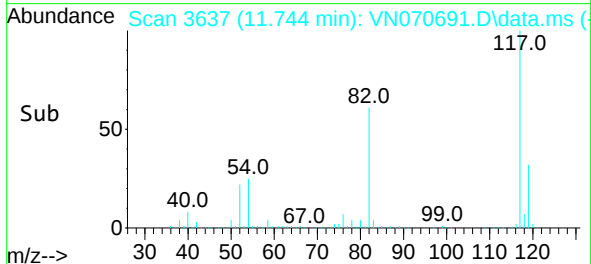
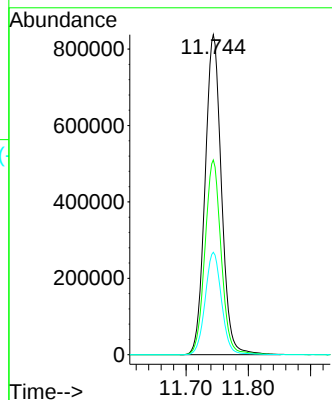
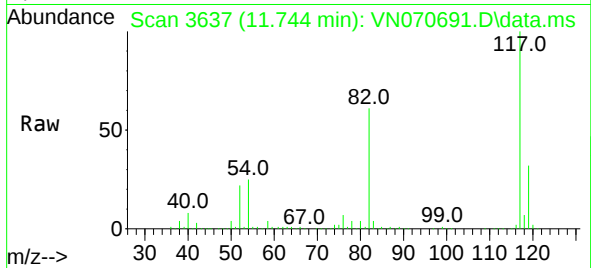




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3636  
Delta R.T. 0.003 min  
Lab File: VN070691.D  
Acq: 19 Jan 2022 11:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0119MBL01

Tgt Ion:117 Resp: 1527742  
Ion Ratio Lower Upper  
117 100  
82 60.9 42.4 63.6  
119 32.0 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. 0.003 min  
Lab File: VN070691.D  
Acq: 19 Jan 2022 11:24

Tgt Ion:152 Resp: 547463  
Ion Ratio Lower Upper  
152 100  
115 61.9 27.5 82.5  
150 157.0 0.0 344.4

