

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031122\  
 Data File : VN071251.D  
 Acq On : 11 Mar 2022 16:58  
 Operator : JC\MD  
 Sample : N1886-02  
 Misc : 1.02g/10.0mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 2822-S

Quant Time: Mar 12 02:17:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 08 06:52:46 2022  
 Response via : Initial Calibration

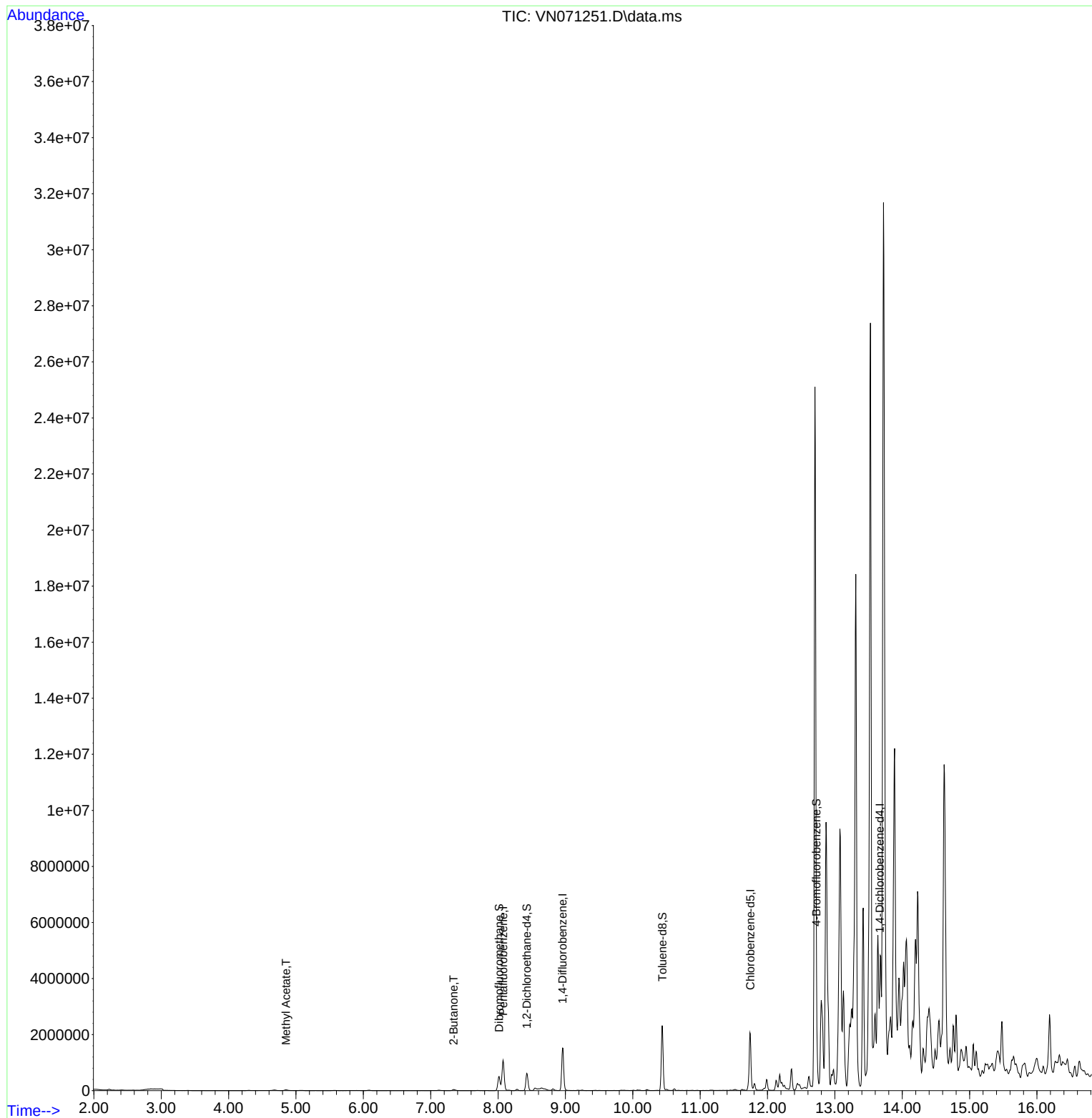
| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 8.075          | 168  | 824771     | 50.000  | ug/l   | -0.01    |
| 34) 1,4-Difluorobenzene     | 8.957          | 114  | 1348406    | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.745         | 117  | 1188773    | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.669         | 152  | 530575     | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.428          | 65   | 515188     | 45.577  | ug/l   | -0.01    |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 91.160% |        |          |
| 35) Dibromofluoromethane    | 8.016          | 113  | 377945     | 44.418  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 88.840% |        |          |
| 50) Toluene-d8              | 10.440         | 98   | 1632456    | 47.650  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 95.300% |        |          |
| 62) 4-Bromofluorobenzene    | 12.728         | 95   | 567482     | 48.916  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 97.840% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         |        |          |
| 18) Methyl Acetate          | 4.852          | 43   | 68802      | 5.084   | ug/l   | 100      |
| 25) 2-Butanone              | 7.340          | 43   | 81222      | 9.167   | ug/l # | 89       |
| -----                       |                |      |            |         |        |          |

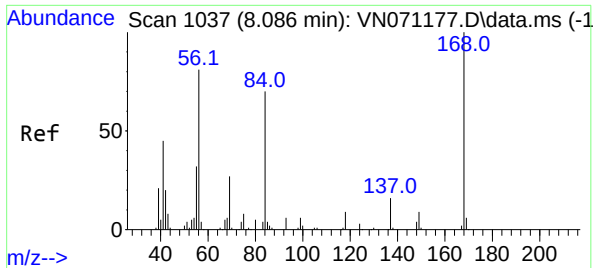
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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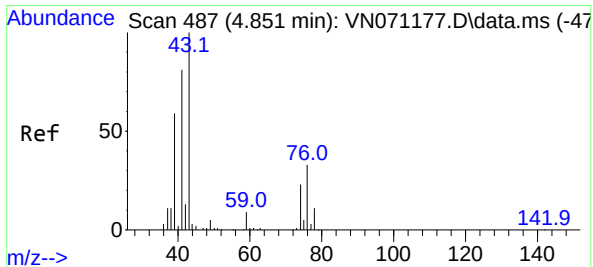
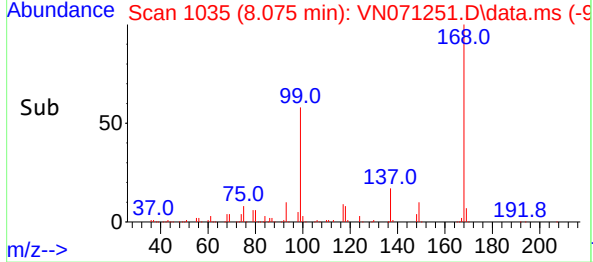
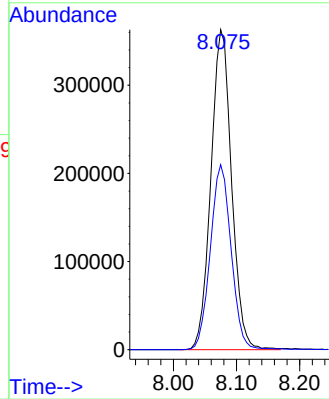
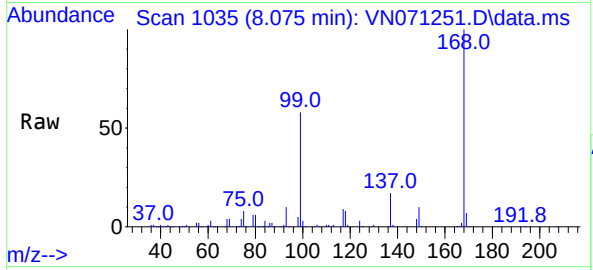




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.075 min Scan# 1035  
Delta R.T. -0.011 min  
Lab File: VN071251.D  
Acq: 11 Mar 2022 16:58

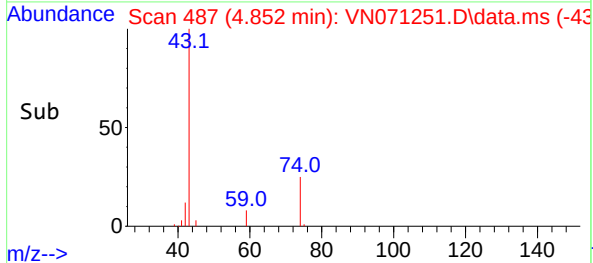
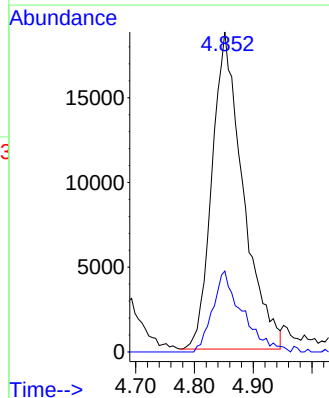
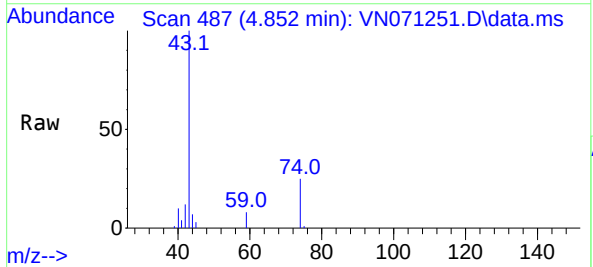
Instrument :  
MSVOA\_N  
ClientSampleId :  
2822-S

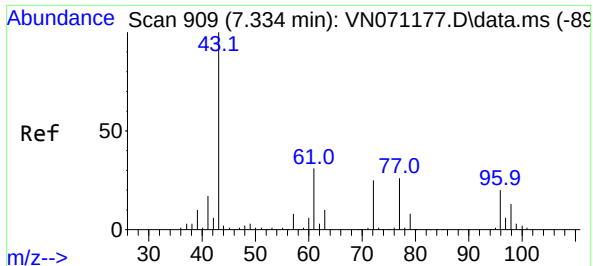
Tgt Ion:168 Resp: 824771  
Ion Ratio Lower Upper  
168 100  
99 57.8 41.3 61.9



#18  
Methyl Acetate  
Concen: 5.084 ug/l  
RT: 4.852 min Scan# 487  
Delta R.T. 0.001 min  
Lab File: VN071251.D  
Acq: 11 Mar 2022 16:58

Tgt Ion: 43 Resp: 68802  
Ion Ratio Lower Upper  
43 100  
74 24.3 19.4 29.2





#25

2-Butanone

Concen: 9.167 ug/l

RT: 7.340 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN071251.D

Acq: 11 Mar 2022 16:58

Instrument :

MSVOA\_N

ClientSampleId :

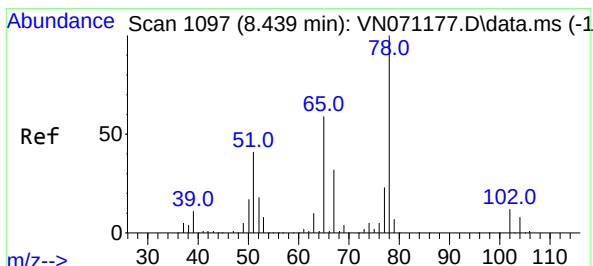
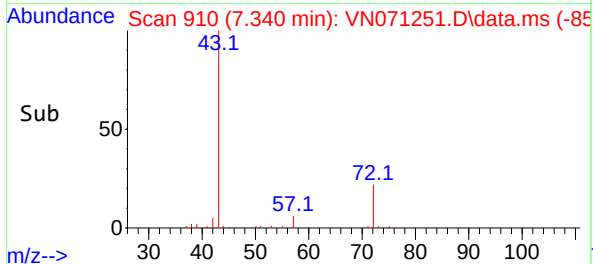
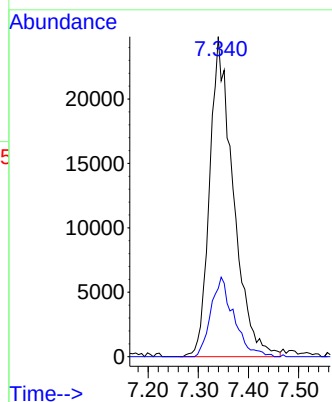
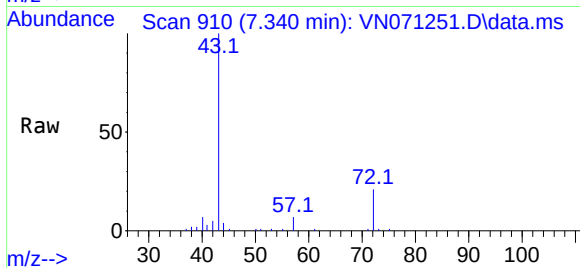
2822-S

Tgt Ion: 43 Resp: 81222

Ion Ratio Lower Upper

43 100

72 21.4 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 45.577 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.011 min

Lab File: VN071251.D

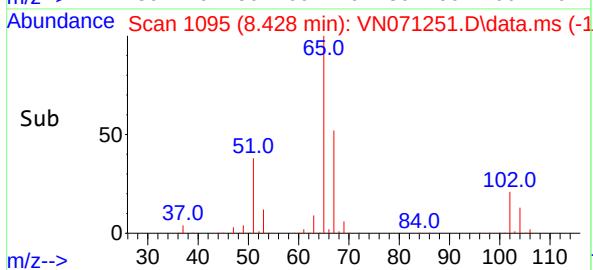
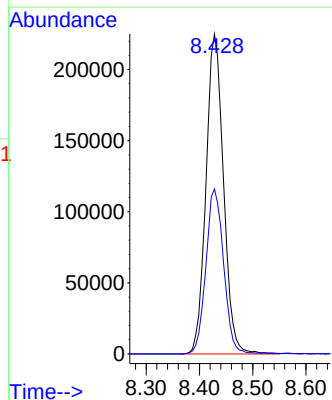
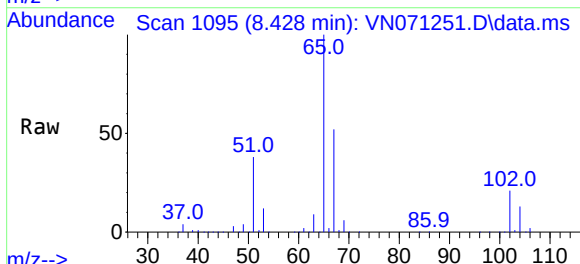
Acq: 11 Mar 2022 16:58

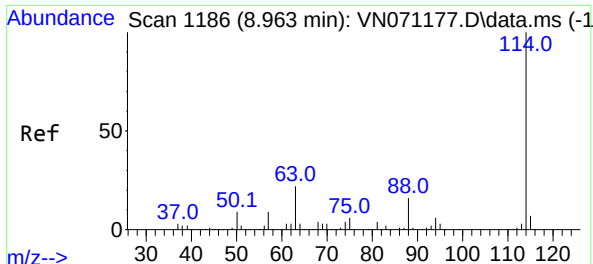
Tgt Ion: 65 Resp: 515188

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.957 min Scan# 1185

Delta R.T. -0.006 min

Lab File: VN071251.D

Acq: 11 Mar 2022 16:58

Instrument :

MSVOA\_N

ClientSampleId :

2822-S

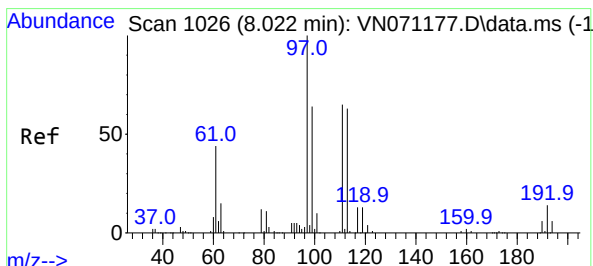
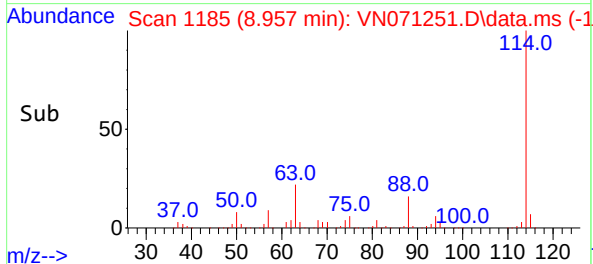
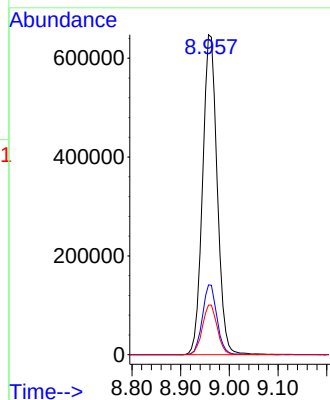
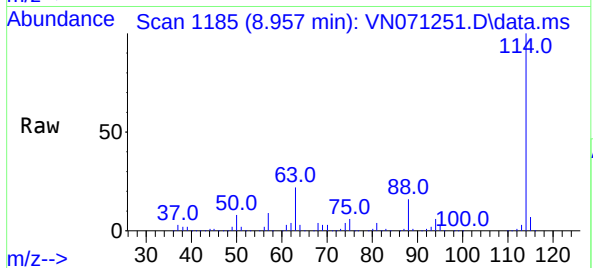
Tgt Ion:114 Resp: 1348406

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 15.5 0.0 27.4



#35

Dibromofluoromethane

Concen: 44.418 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071251.D

Acq: 11 Mar 2022 16:58

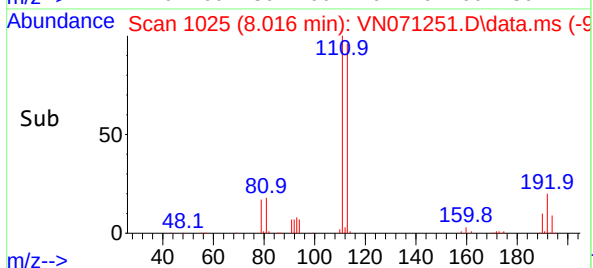
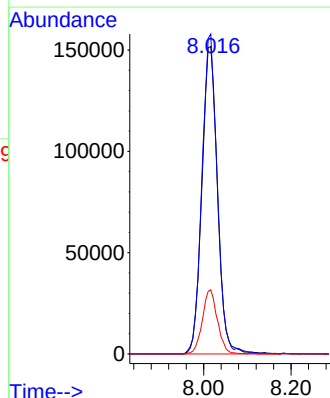
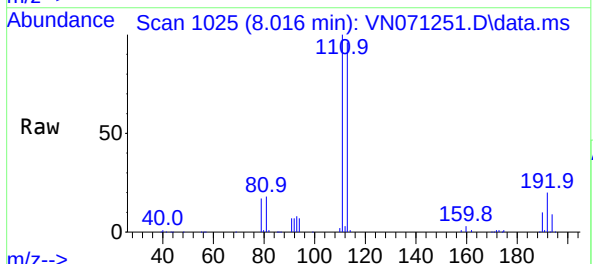
Tgt Ion:113 Resp: 377945

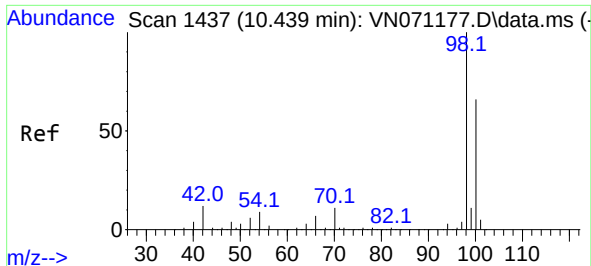
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 20.1 16.9 25.3

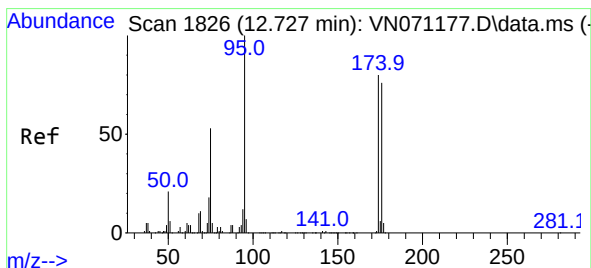
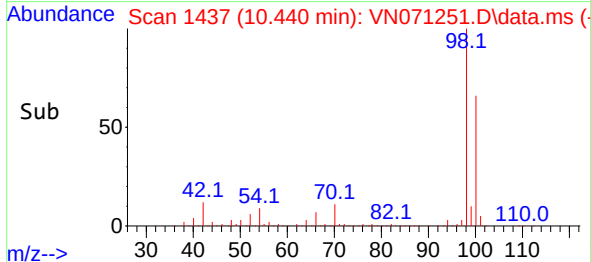
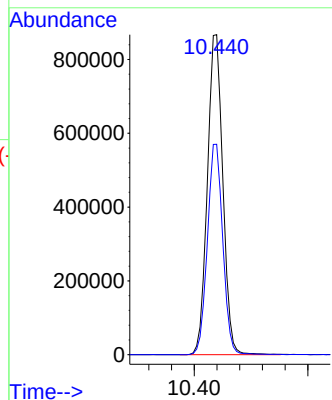
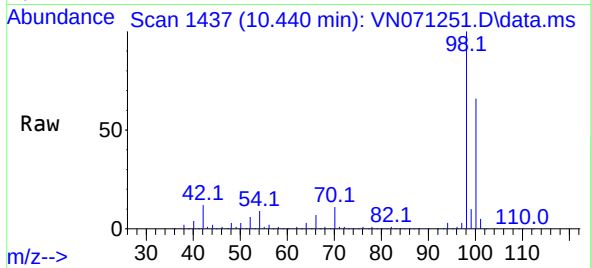




#50  
Toluene-d8  
Concen: 47.650 ug/l  
RT: 10.440 min Scan# 1437  
Delta R.T. 0.001 min  
Lab File: VN071251.D  
Acq: 11 Mar 2022 16:58

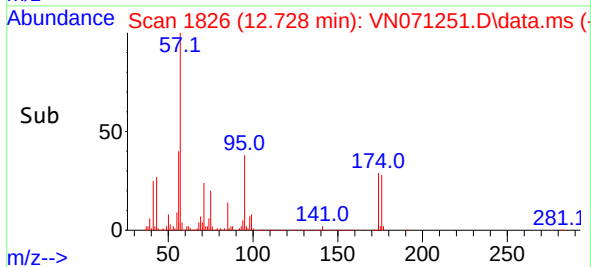
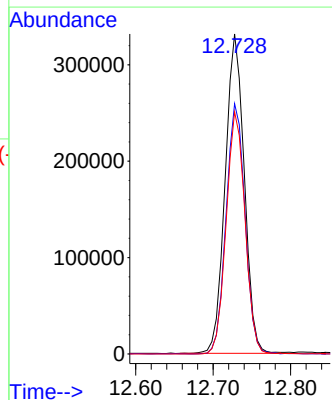
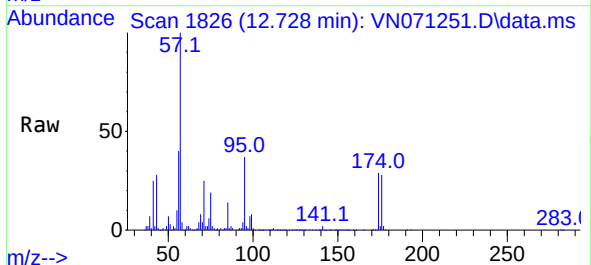
Instrument :  
MSVOA\_N  
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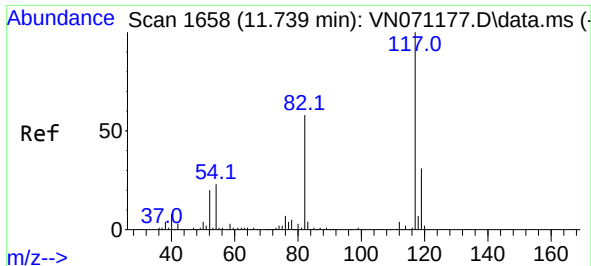
Tgt Ion: 98 Resp: 1632456  
Ion Ratio Lower Upper  
98 100  
100 65.5 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 48.916 ug/l  
RT: 12.728 min Scan# 1826  
Delta R.T. 0.001 min  
Lab File: VN071251.D  
Acq: 11 Mar 2022 16:58

Tgt Ion: 95 Resp: 567482  
Ion Ratio Lower Upper  
95 100  
174 77.7 0.0 187.2  
176 74.7 0.0 181.4

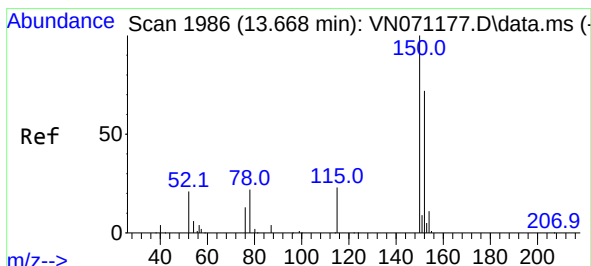
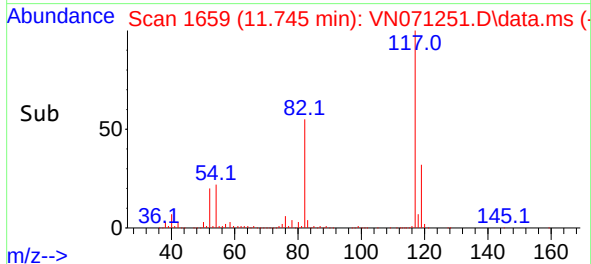
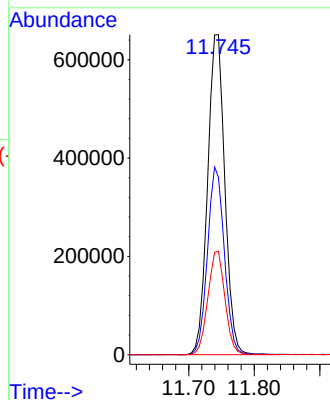
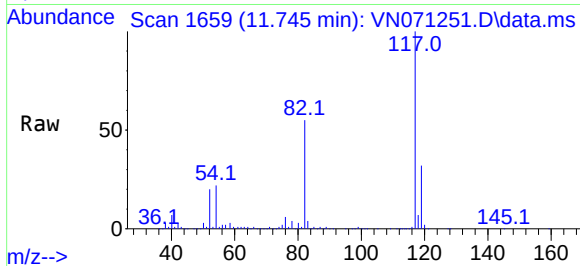




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.745 min Scan# 1177  
Delta R.T. 0.006 min  
Lab File: VN071251.D  
Acq: 11 Mar 2022 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
2822-S

Tgt Ion:117 Resp: 1188773  
Ion Ratio Lower Upper  
117 100  
82 55.5 42.4 63.6  
119 32.3 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.669 min Scan# 1986  
Delta R.T. 0.001 min  
Lab File: VN071251.D  
Acq: 11 Mar 2022 16:58

Tgt Ion:152 Resp: 530575  
Ion Ratio Lower Upper  
152 100  
115 58.5 27.5 82.5  
150 156.4 0.0 344.4

