

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040822\  
 Data File : VN071922.D  
 Acq On : 08 Apr 2022 18:20  
 Operator : JC\MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IBLK

Quant Time: Apr 09 05:07:14 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

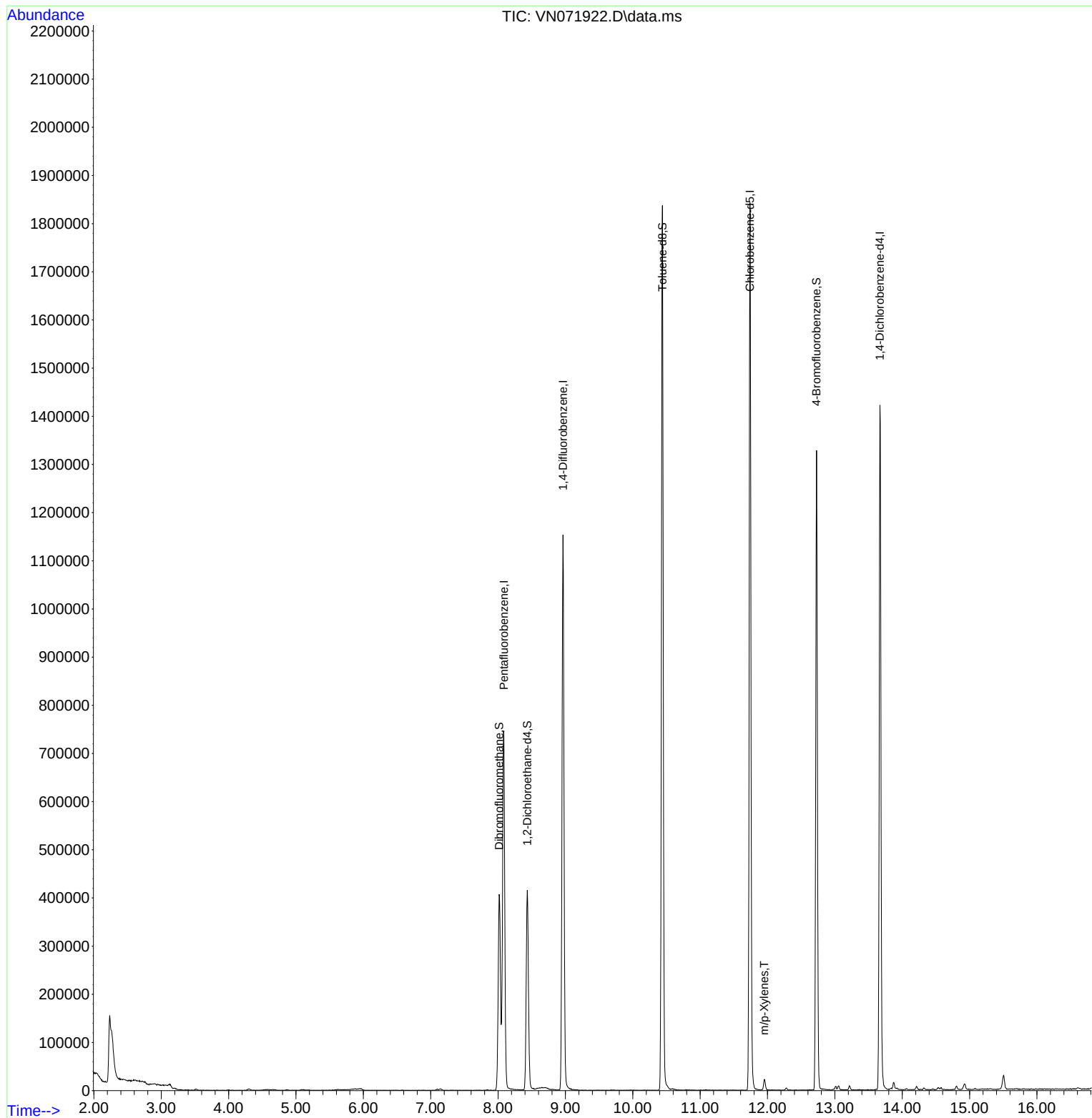
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 8.087  | 168   | 627457   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 1070715  | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 1140644  | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.669 | 152   | 436599   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 345063   | 48.172   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 96.340%   |
| 35) Dibromofluoromethane    | 8.016  | 113   | 305650   | 48.512   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 97.020%   |
| 50) Toluene-d8              | 10.439 | 98    | 1350086  | 52.382   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 104.760%  |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 477499   | 57.283   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 114.560%  |
| Target Compounds            |        |       |          |          |       |           |
| 68) m/p-Xylenes             | 11.951 | 106   | 7235     | 0.487    | ug/l  | Qvalue 87 |
| -----                       |        |       |          |          |       |           |

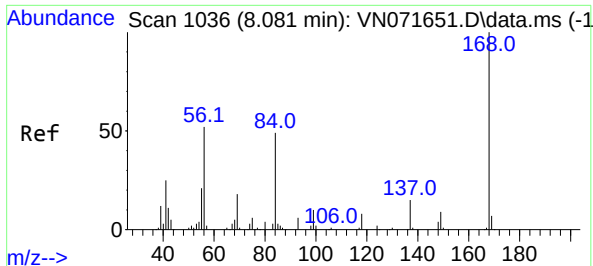
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Mar 31 01:57:54 2022  
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.087 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VN071922.D

Acq: 08 Apr 2022 18:20

Instrument :

MSVOA\_N

ClientSampleId :

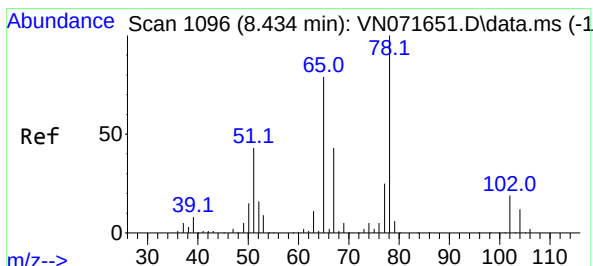
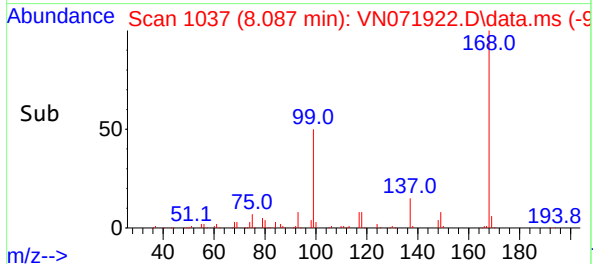
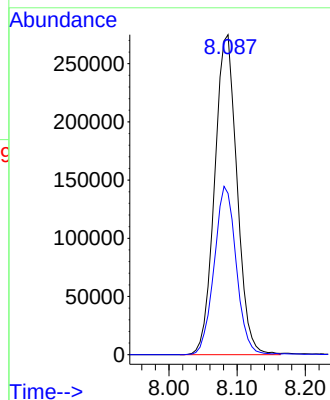
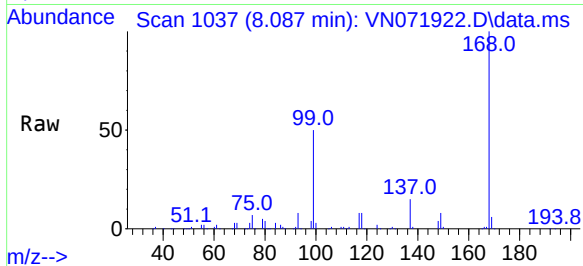
IBLK

Tgt Ion:168 Resp: 627457

Ion Ratio Lower Upper

168 100

99 50.4 42.3 63.5



1,2-Dichloroethane-d4

Concen: 48.172 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071922.D

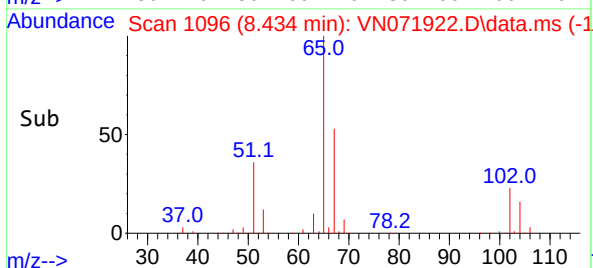
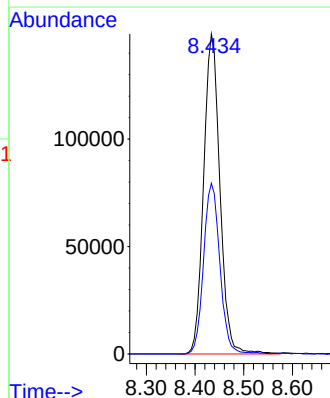
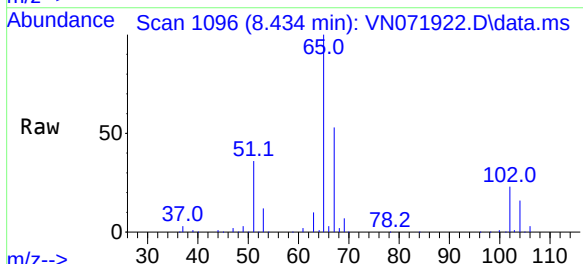
Acq: 08 Apr 2022 18:20

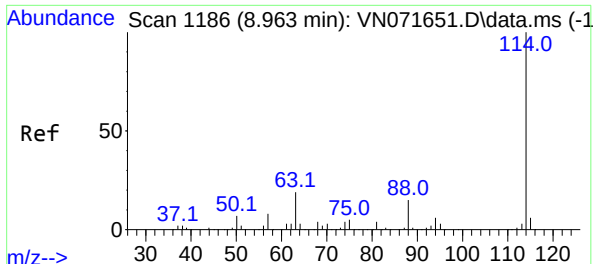
Tgt Ion: 65 Resp: 345063

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071922.D

Acq: 08 Apr 2022 18:20

Instrument :

MSVOA\_N

ClientSampleId :

IBLK

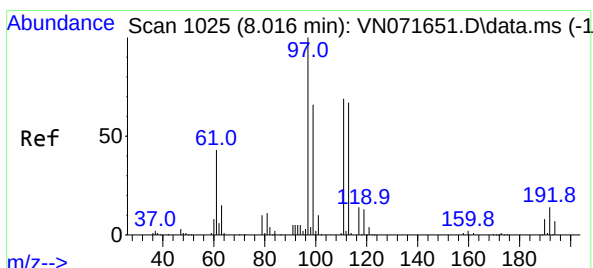
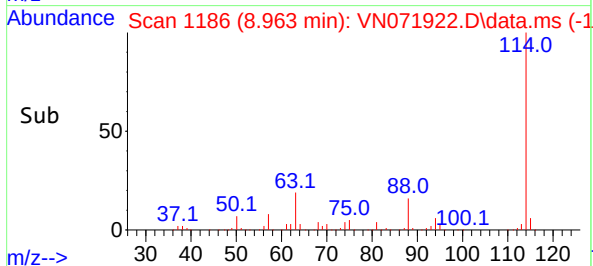
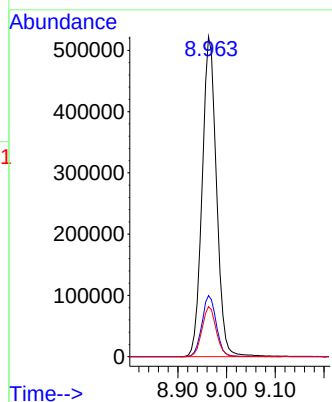
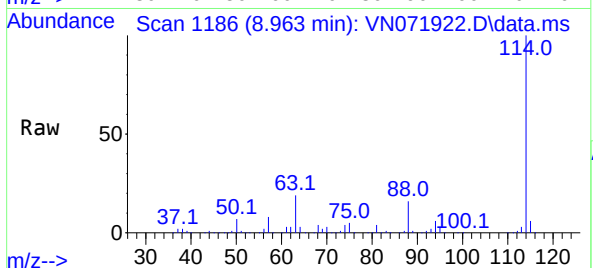
Tgt Ion:114 Resp: 1070715

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.512 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071922.D

Acq: 08 Apr 2022 18:20

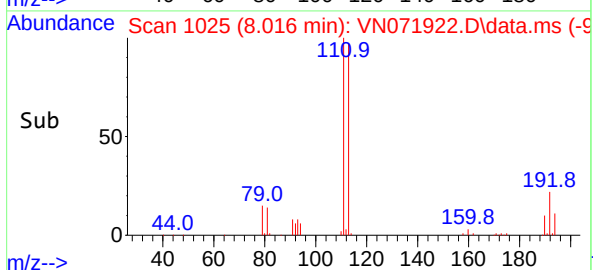
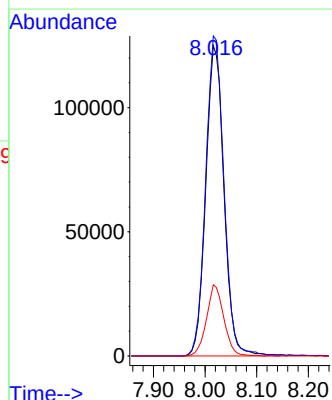
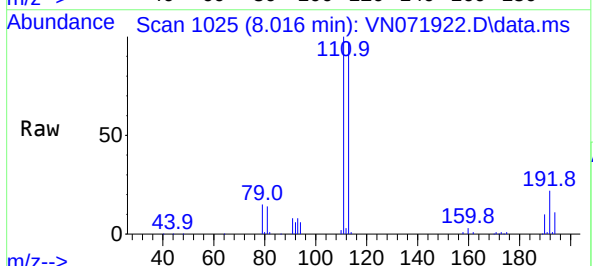
Tgt Ion:113 Resp: 305650

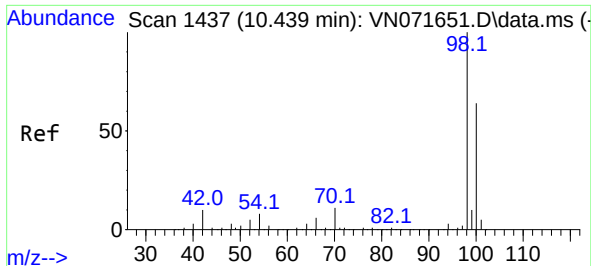
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 21.8 17.0 25.6

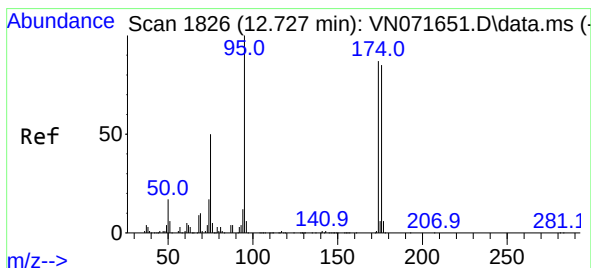
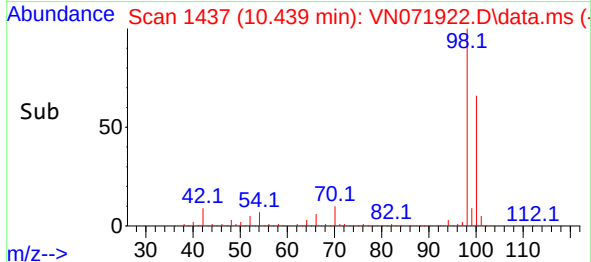
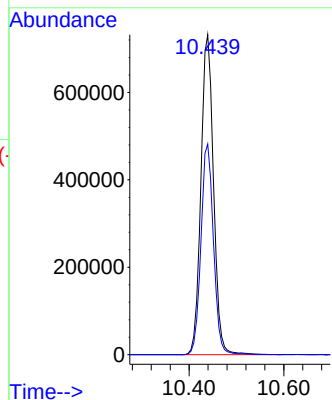
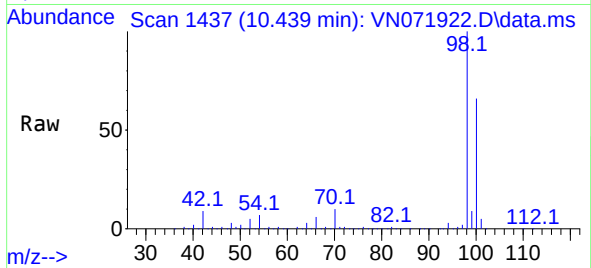




#50  
Toluene-d8  
Concen: 52.382 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN071922.D  
Acq: 08 Apr 2022 18:20

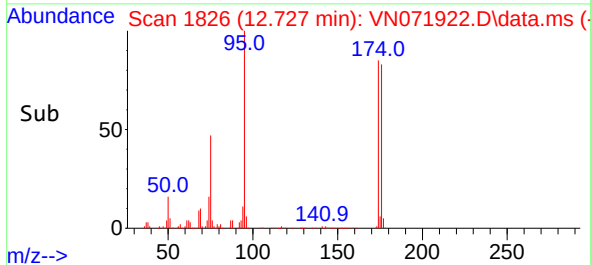
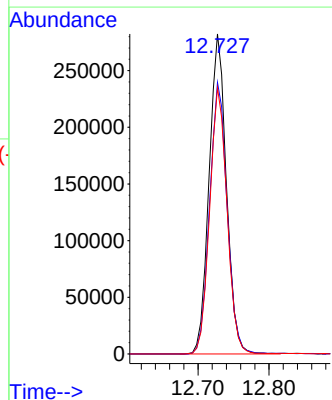
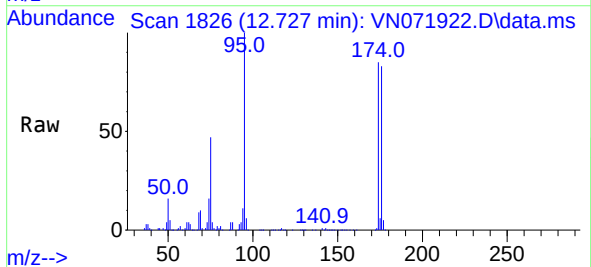
Instrument :  
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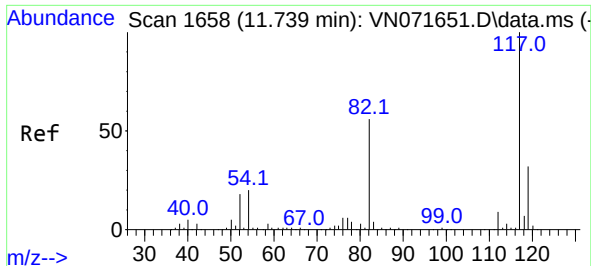
Tgt Ion: 98 Resp: 1350086  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 57.283 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071922.D  
Acq: 08 Apr 2022 18:20

Tgt Ion: 95 Resp: 477499  
Ion Ratio Lower Upper  
95 100  
174 86.3 0.0 167.6  
176 83.4 0.0 163.4

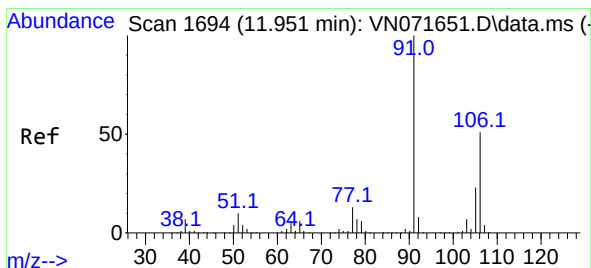
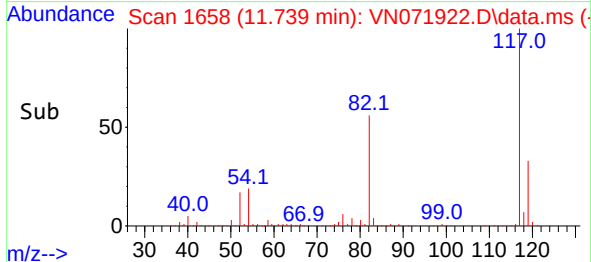
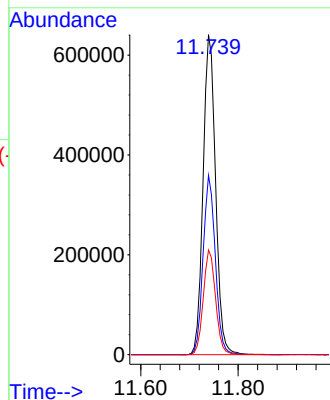
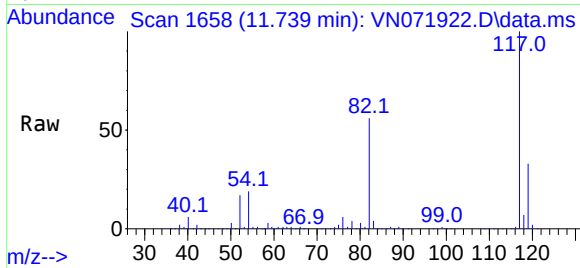




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VN071922.D  
Acq: 08 Apr 2022 18:20

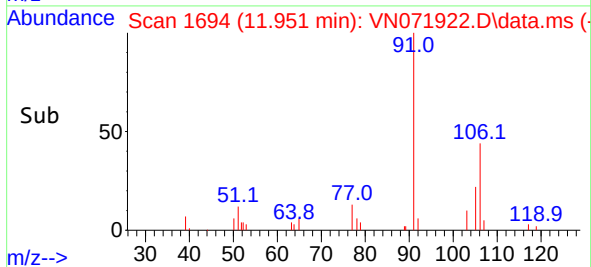
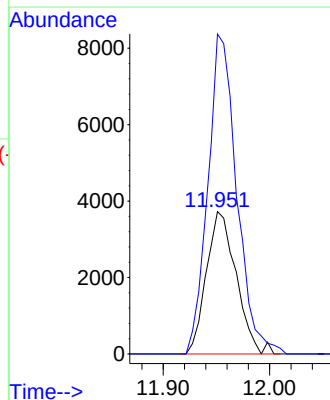
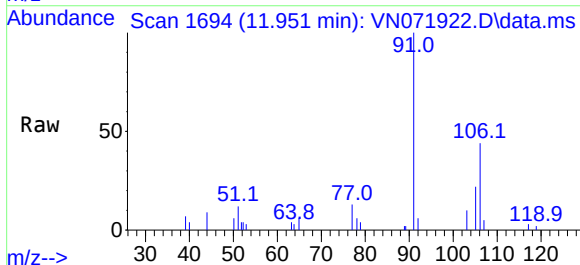
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

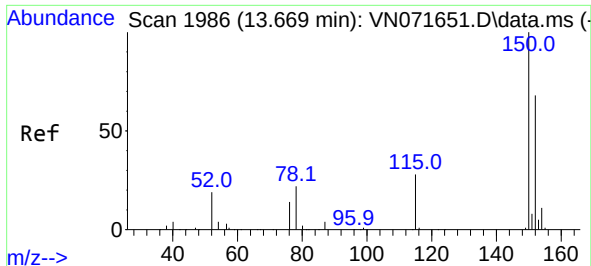
Tgt Ion:117 Resp: 1140644  
Ion Ratio Lower Upper  
117 100  
82 56.0 44.2 66.2  
119 32.7 25.4 38.0



#68  
m/p-Xylenes  
Concen: 0.487 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN071922.D  
Acq: 08 Apr 2022 18:20

Tgt Ion:106 Resp: 7235  
Ion Ratio Lower Upper  
106 100  
91 217.8 158.9 238.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN071922.D

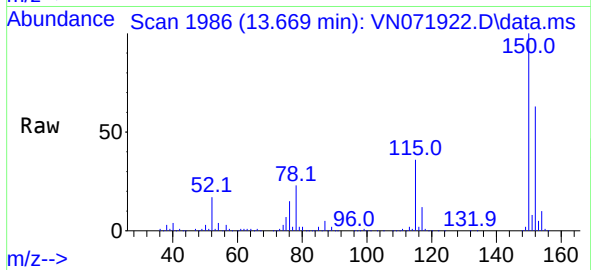
Acq: 08 Apr 2022 18:20

Instrument :

MSVOA\_N

ClientSampleId :

IBLK



Tgt Ion:152 Resp: 436599

Ion Ratio Lower Upper

152 100

115 56.4 28.9 86.7

150 155.7 0.0 356.2

