

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011222\  
 Data File : VN070591.D  
 Acq On : 12 Jan 2022 17:17  
 Operator : JC/MD  
 Sample : N1097-13  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-3S

Quant Time: Jan 13 04:27:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

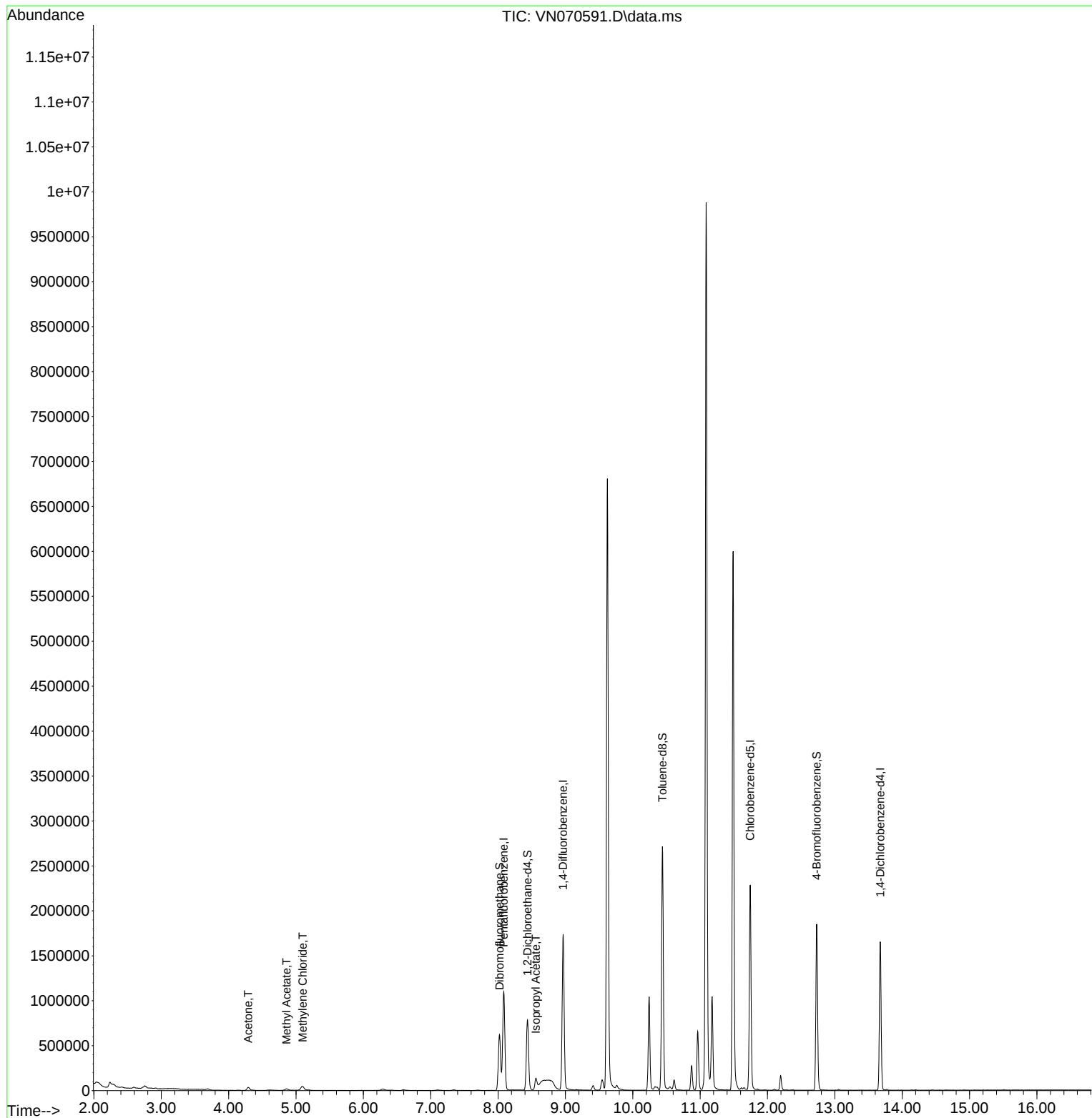
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.083     | 168   | 841547   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.965     | 114   | 1485717  | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.744    | 117   | 1332173  | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.675    | 152   | 464351   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.437     | 65    | 656908   | 54.291   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | = 108.580% |          |
| 35) Dibromofluoromethane    | 8.021     | 113   | 462573   | 51.458   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | = 102.920% |          |
| 50) Toluene-d8              | 10.440    | 98    | 1887194  | 51.391   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | = 102.780% |          |
| 62) 4-Bromofluorobenzene    | 12.731    | 95    | 693425   | 52.281   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | = 104.560% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 16) Acetone                 | 4.291     | 43    | 58943    | 7.504    | ug/l       | 94       |
| 18) Methyl Acetate          | 4.859     | 43    | 36628    | 1.612    | ug/l       | 93       |
| 20) Methylene Chloride      | 5.098     | 84    | 32482    | 2.989    | ug/l       | 93       |
| 43) Isopropyl Acetate       | 8.560     | 43    | 162534   | 5.348    | ug/l #     | 82       |
| -----                       |           |       |          |          |            |          |

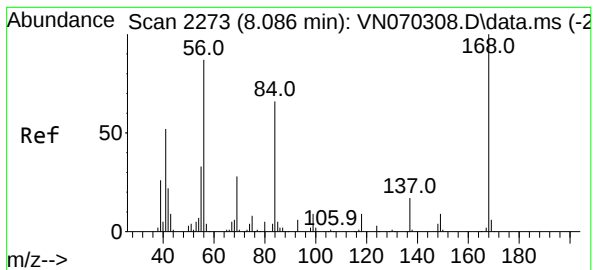
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 27 18:47:12 2021  
Response via : Initial Calibration

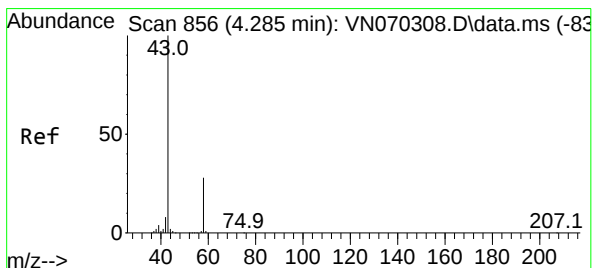
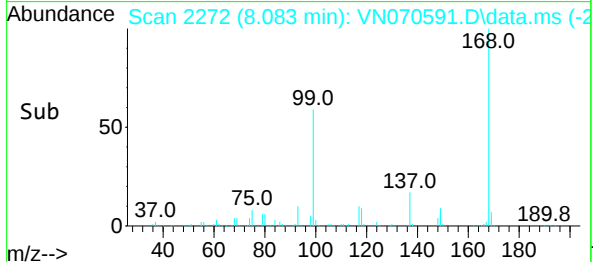
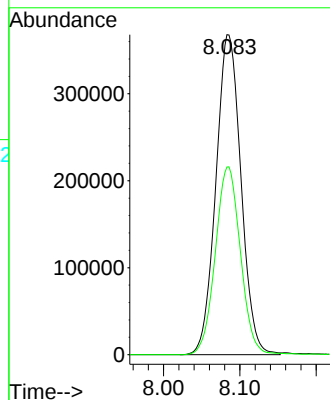
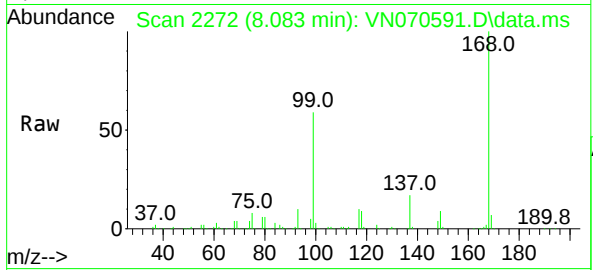




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.083 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VN070591.D  
Acq: 12 Jan 2022 17:17

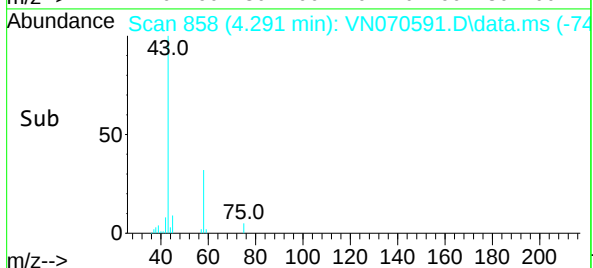
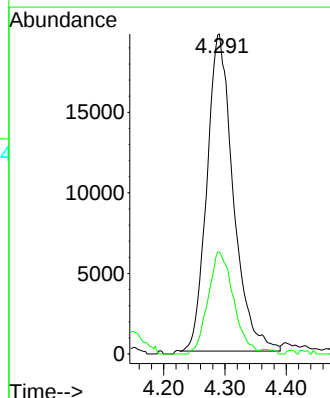
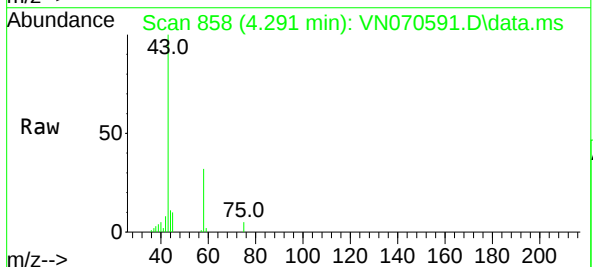
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-3S

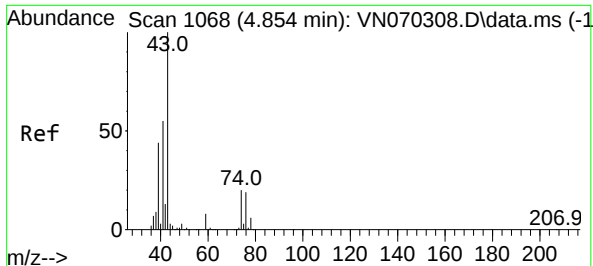
Tgt Ion:168 Resp: 841547  
Ion Ratio Lower Upper  
168 100  
99 58.7 41.3 61.9



#16  
Acetone  
Concen: 7.504 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. 0.006 min  
Lab File: VN070591.D  
Acq: 12 Jan 2022 17:17

Tgt Ion: 43 Resp: 58943  
Ion Ratio Lower Upper  
43 100  
58 32.2 23.1 34.7





#18

Methyl Acetate

Concen: 1.612 ug/l

RT: 4.859 min Scan# 110

Delta R.T. 0.005 min

Lab File: VN070591.D

Acq: 12 Jan 2022 17:17

Instrument :

MSVOA\_N

ClientSampleId :

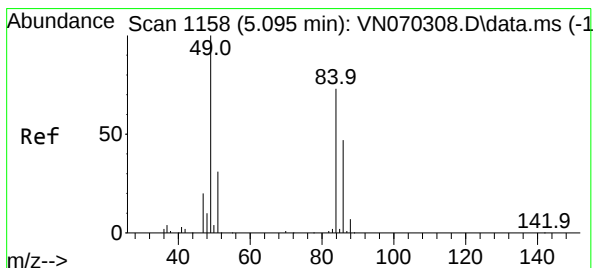
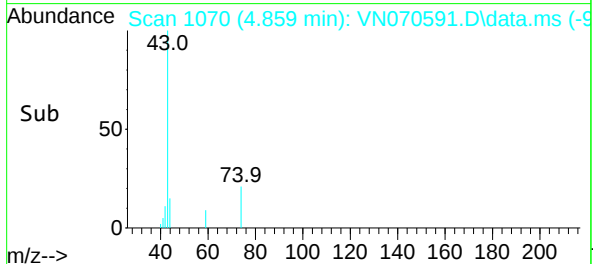
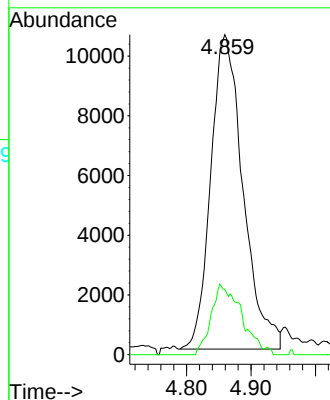
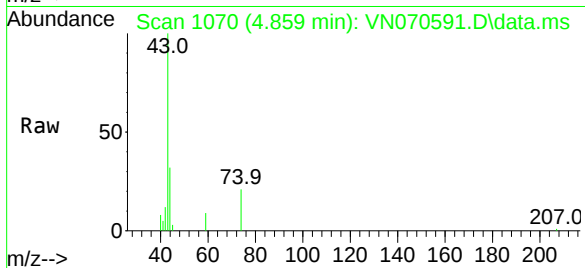
TP-3S

Tgt Ion: 43 Resp: 36628

Ion Ratio Lower Upper

43 100

74 20.7 19.4 29.2



#20

Methylene Chloride

Concen: 2.989 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.003 min

Lab File: VN070591.D

Acq: 12 Jan 2022 17:17

Tgt Ion: 84 Resp: 32482

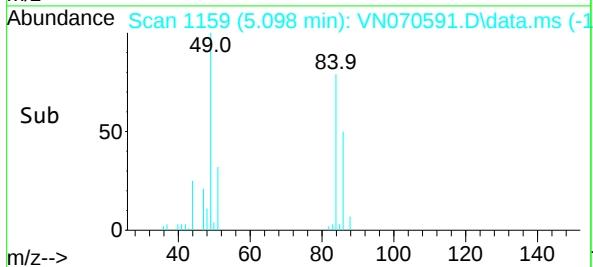
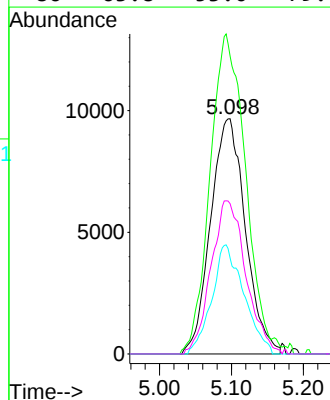
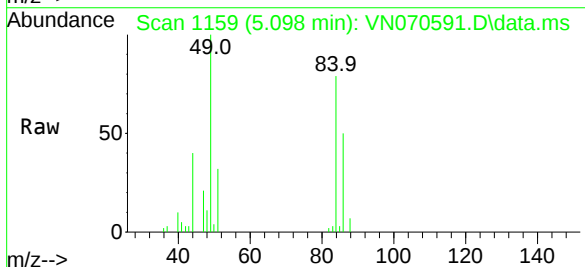
Ion Ratio Lower Upper

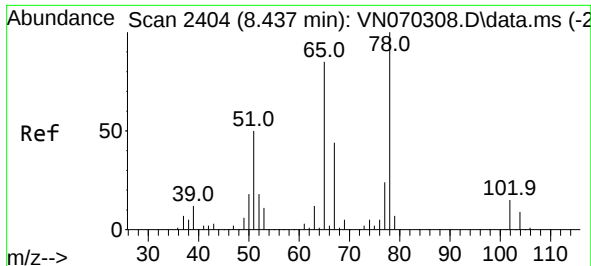
84 100

49 126.6 93.5 140.3

51 40.7 29.4 44.2

86 63.8 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 54.291 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070591.D

Acq: 12 Jan 2022 17:17

Instrument :

MSVOA\_N

ClientSampleId :

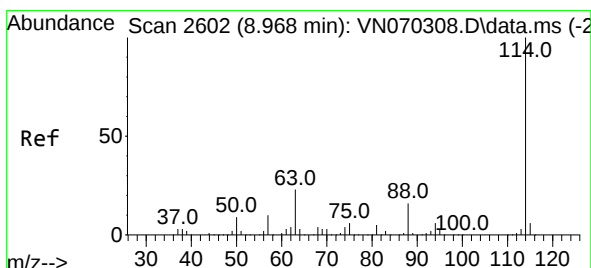
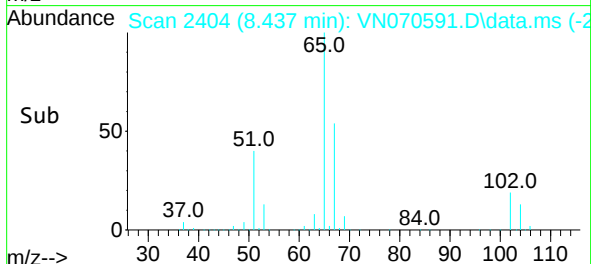
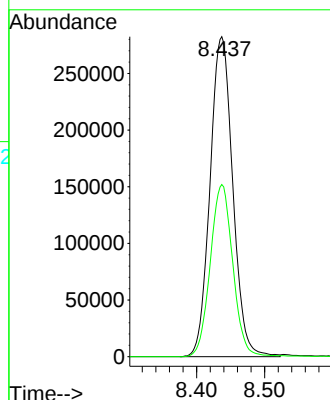
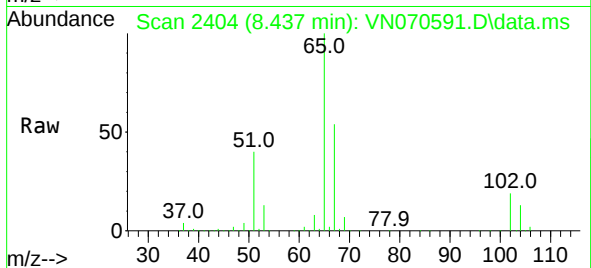
TP-3S

Tgt Ion: 65 Resp: 656908

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070591.D

Acq: 12 Jan 2022 17:17

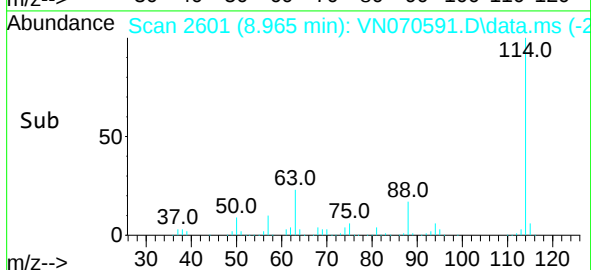
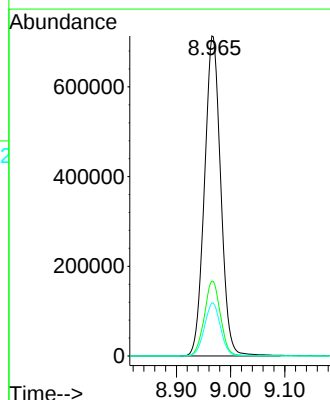
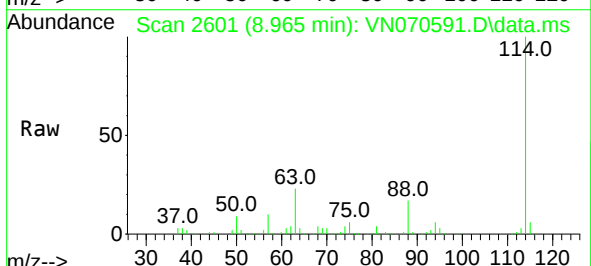
Tgt Ion: 114 Resp: 1485717

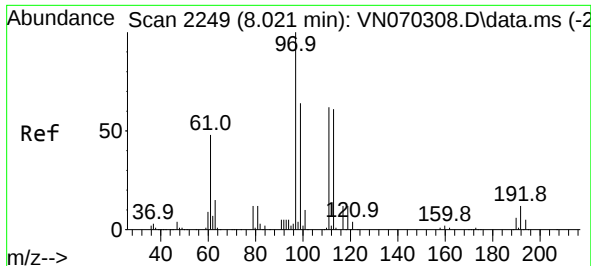
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.6 0.0 27.4

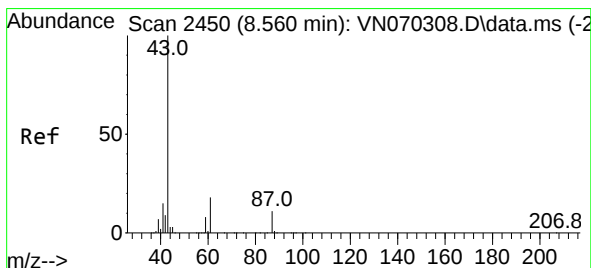
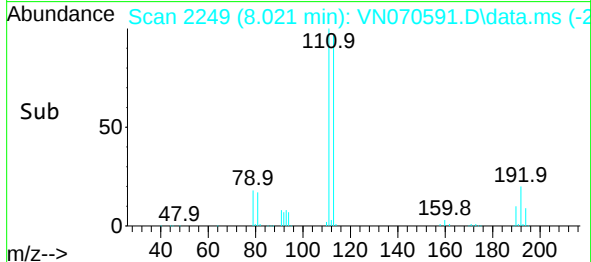
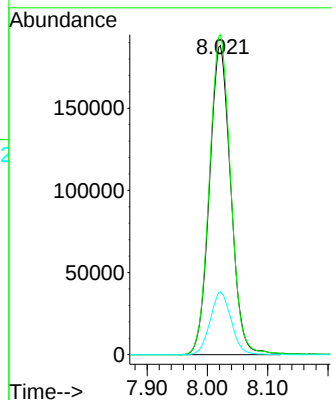
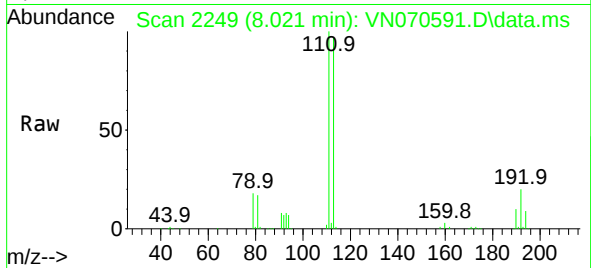




#35  
Dibromofluoromethane  
Concen: 51.458 ug/l  
RT: 8.021 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VN070591.D  
Acq: 12 Jan 2022 17:17

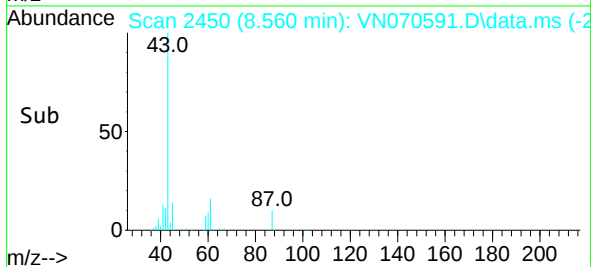
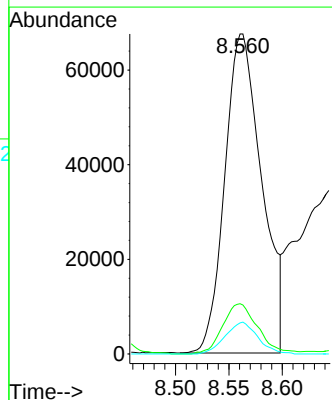
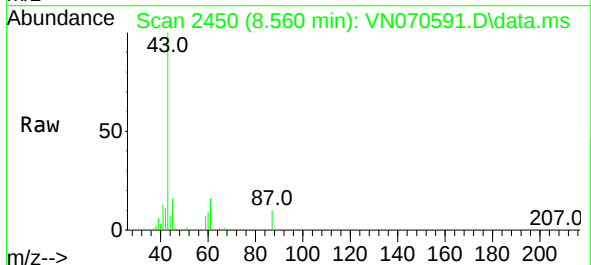
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-3S

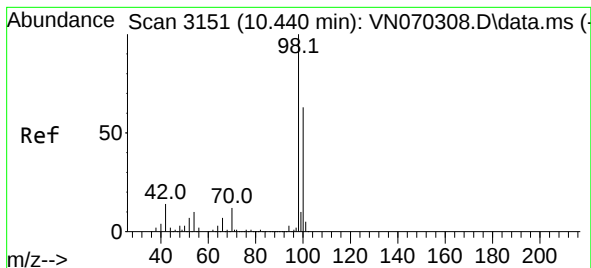
Tgt Ion:113 Resp: 462573  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.2 123.2  
192 20.0 16.9 25.3



#43  
Isopropyl Acetate  
Concen: 5.348 ug/l  
RT: 8.560 min Scan# 2450  
Delta R.T. 0.000 min  
Lab File: VN070591.D  
Acq: 12 Jan 2022 17:17

Tgt Ion: 43 Resp: 162534  
Ion Ratio Lower Upper  
43 100  
61 15.0 20.4 30.6#  
87 8.8 11.2 16.8#





#50

Toluene-d8

Concen: 51.391 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070591.D

Acq: 12 Jan 2022 17:17

Instrument :

MSVOA\_N

ClientSampleId :

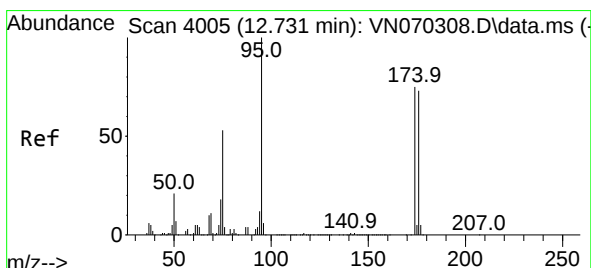
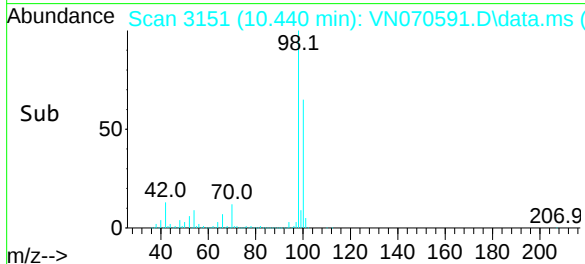
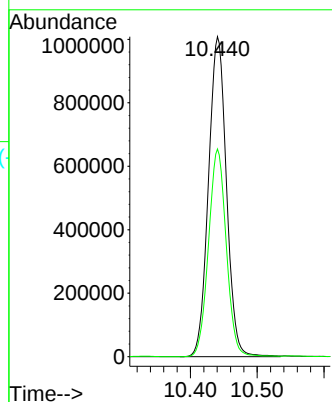
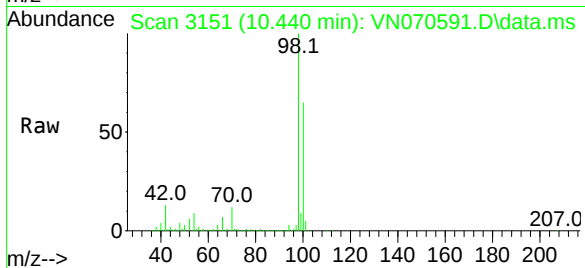
TP-3S

Tgt Ion: 98 Resp: 1887194

Ion Ratio Lower Upper

98 100

100 64.2 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 52.281 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.000 min

Lab File: VN070591.D

Acq: 12 Jan 2022 17:17

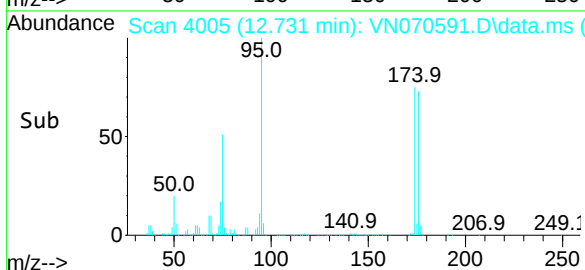
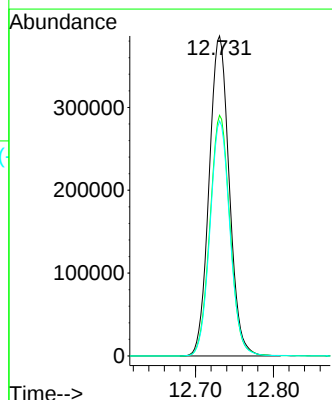
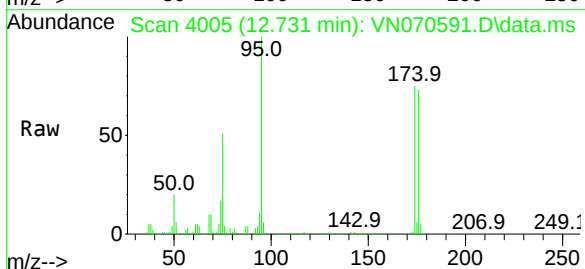
Tgt Ion: 95 Resp: 693425

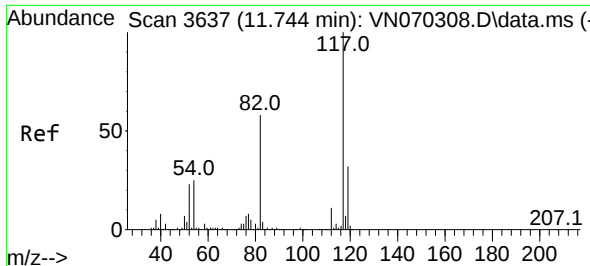
Ion Ratio Lower Upper

95 100

174 75.3 0.0 187.2

176 72.9 0.0 181.4

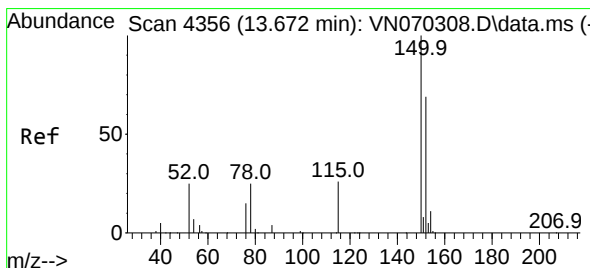
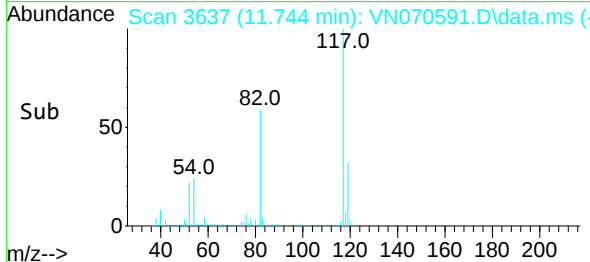
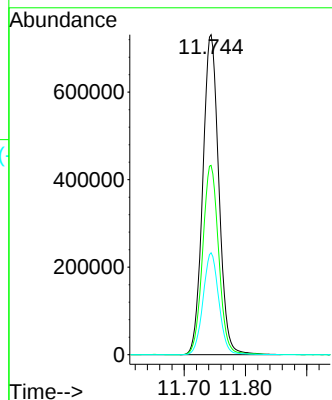
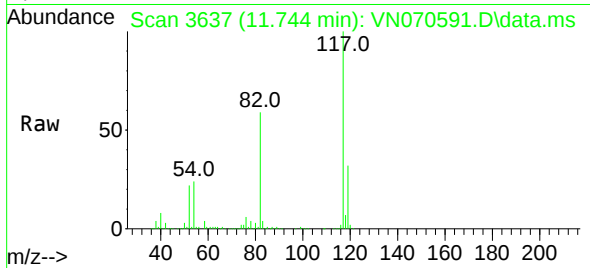




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3637  
Delta R.T. -0.000 min  
Lab File: VN070591.D  
Acq: 12 Jan 2022 17:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-3S

Tgt Ion:117 Resp: 1332173  
Ion Ratio Lower Upper  
117 100  
82 59.2 42.4 63.6  
119 31.8 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: VN070591.D  
Acq: 12 Jan 2022 17:17

Tgt Ion:152 Resp: 464351  
Ion Ratio Lower Upper  
152 100  
115 60.3 27.5 82.5  
150 157.1 0.0 344.4

