

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050422\  
 Data File : VN072329.D  
 Acq On : 04 May 2022 15:38  
 Operator : JC\MD  
 Sample : N2602-03  
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 12-15-SB4-BK-PRISON

Quant Time: May 05 02:20:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

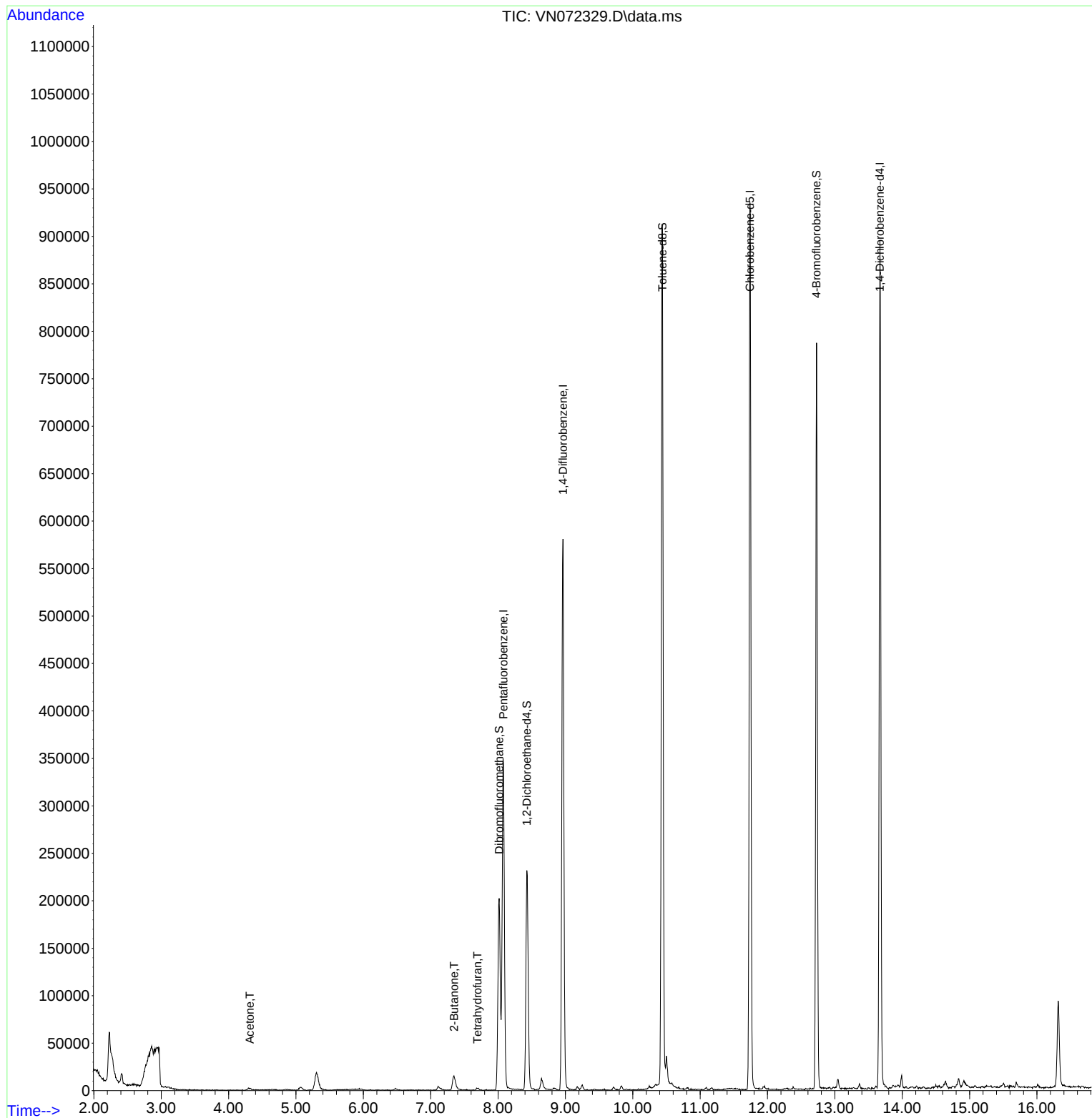
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.081     | 168   | 254083   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963     | 114   | 497282   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.739    | 117   | 535639   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668    | 152   | 228883   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.428     | 65    | 202698   | 51.964   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =      | 103.920% |
| 35) Dibromofluoromethane    | 8.016     | 113   | 153322   | 48.171   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =      | 96.340%  |
| 50) Toluene-d8              | 10.439    | 98    | 633937   | 50.687   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =      | 101.380% |
| 62) 4-Bromofluorobenzene    | 12.727    | 95    | 260207   | 62.681   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =      | 125.360% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 4.316     | 43    | 3500     | 2.081    | ug/l   | 100      |
| 25) 2-Butanone              | 7.345     | 43    | 28627    | 10.688   | ug/l   | 99       |
| 29) Tetrahydrofuran         | 7.692     | 42    | 1815     | 1.033    | ug/l # | 71       |
| -----                       |           |       |          |          |        |          |

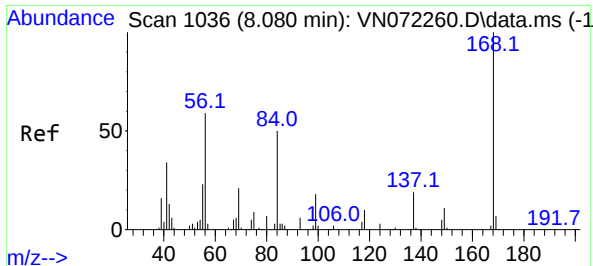
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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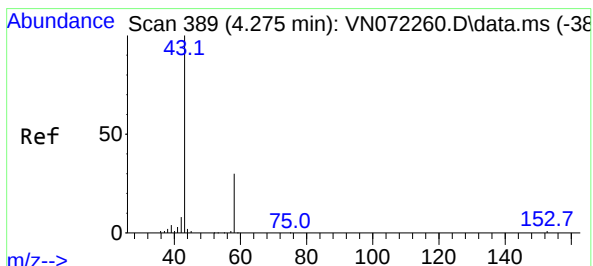
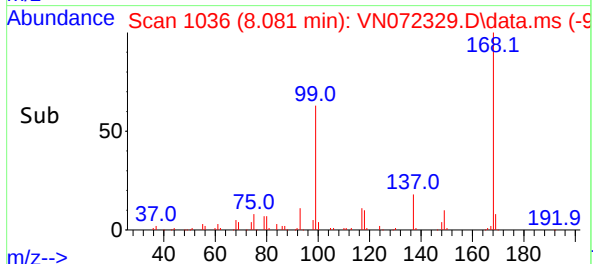
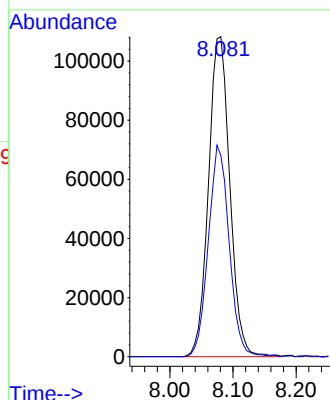
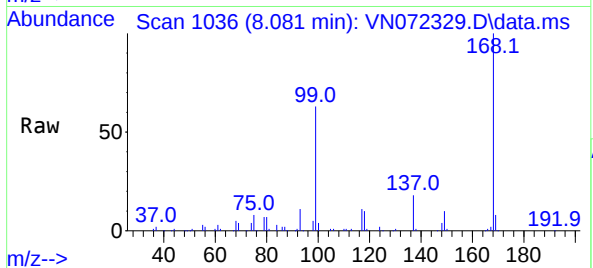




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072329.D  
Acq: 04 May 2022 15:38

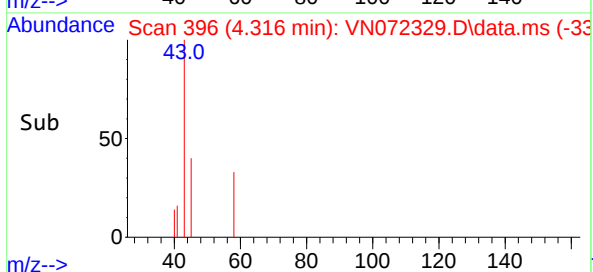
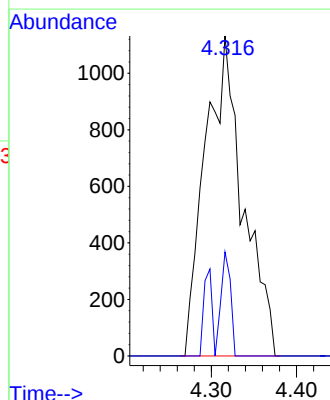
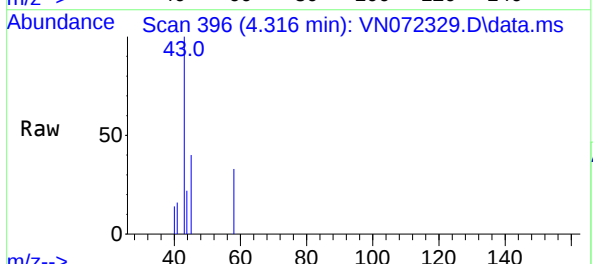
Instrument :  
MSVOA\_N  
ClientSampleId :  
12-15-SB4-BK-PRISON

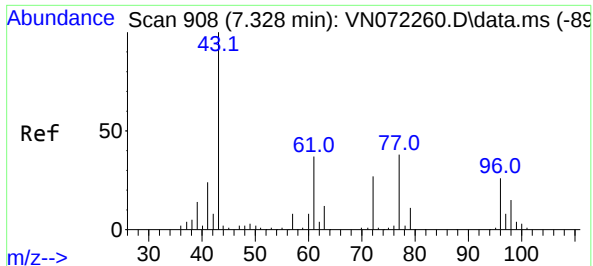
Tgt Ion:168 Resp: 254083  
Ion Ratio Lower Upper  
168 100  
99 62.9 42.3 63.5



#16  
Acetone  
Concen: 2.081 ug/l  
RT: 4.316 min Scan# 396  
Delta R.T. 0.035 min  
Lab File: VN072329.D  
Acq: 04 May 2022 15:38

Tgt Ion: 43 Resp: 3500  
Ion Ratio Lower Upper  
43 100  
58 32.5 26.0 39.0





#25

2-Butanone

Concen: 10.688 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN072329.D

Acq: 04 May 2022 15:38

Instrument :

MSVOA\_N

ClientSampleId :

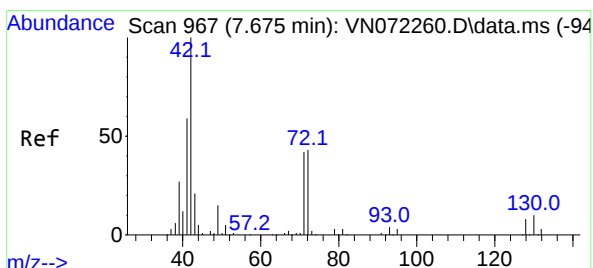
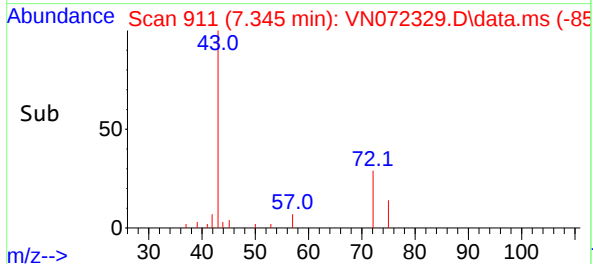
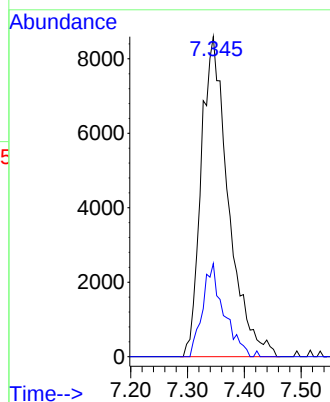
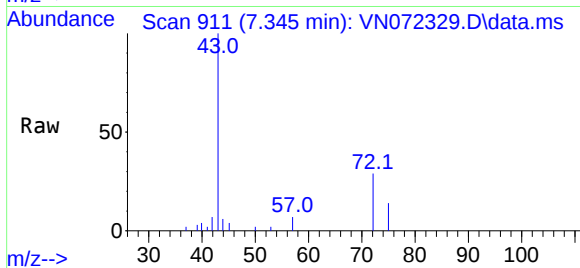
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Tgt Ion: 43 Resp: 28627

Ion Ratio Lower Upper

43 100

72 29.1 23.7 35.5



#29

Tetrahydrofuran

Concen: 1.033 ug/l

RT: 7.692 min Scan# 970

Delta R.T. 0.011 min

Lab File: VN072329.D

Acq: 04 May 2022 15:38

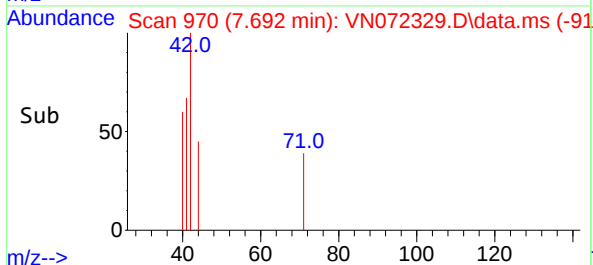
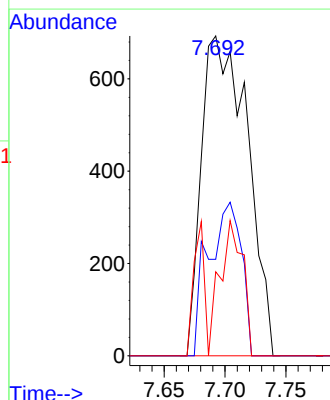
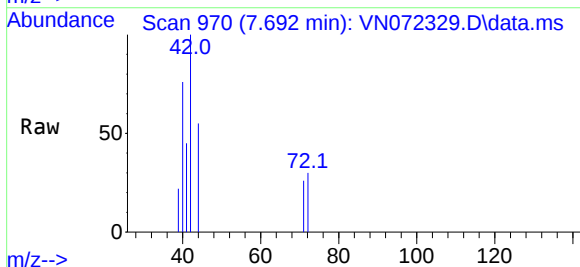
Tgt Ion: 42 Resp: 1815

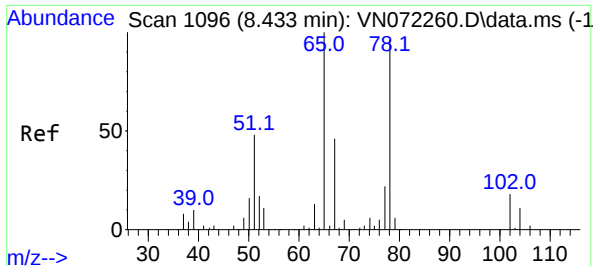
Ion Ratio Lower Upper

42 100

72 34.7 39.7 59.5#

71 21.0 36.6 55.0#





#33

1,2-Dichloroethane-d4

Concen: 51.964 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN072329.D

Acq: 04 May 2022 15:38

Instrument :

MSVOA\_N

ClientSampleId :

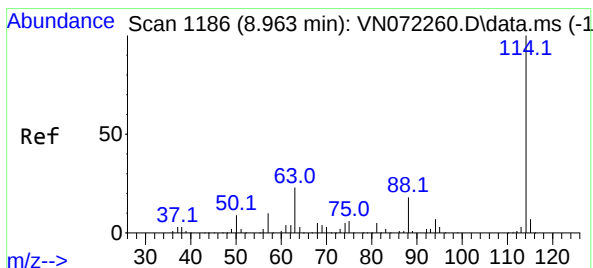
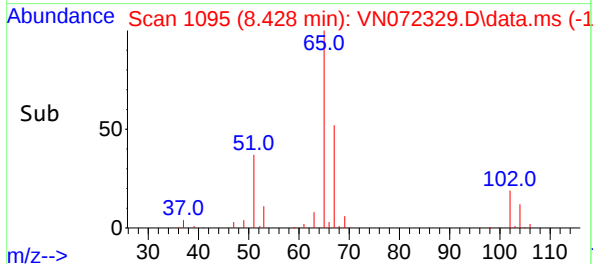
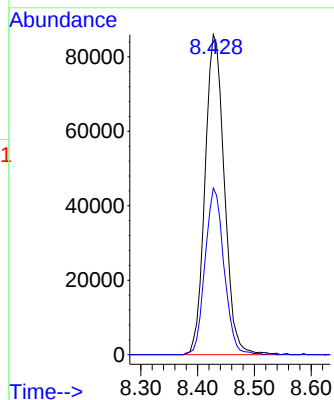
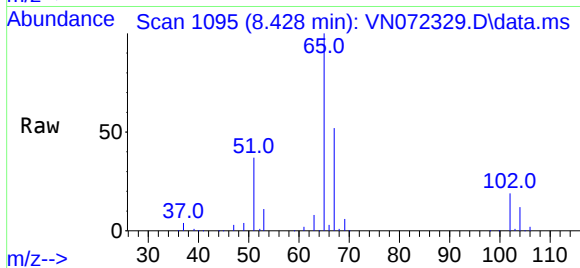
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Tgt Ion: 65 Resp: 202698

Ion Ratio Lower Upper

65 100

67 51.1 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: VN072329.D

Acq: 04 May 2022 15:38

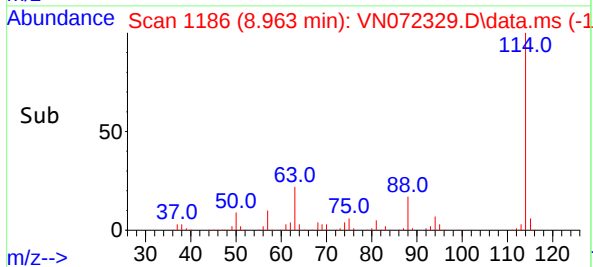
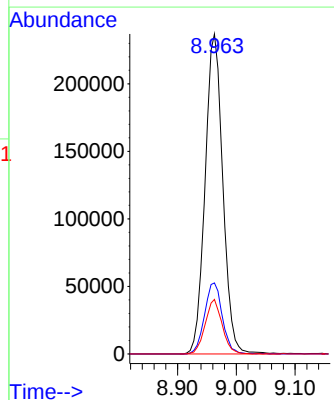
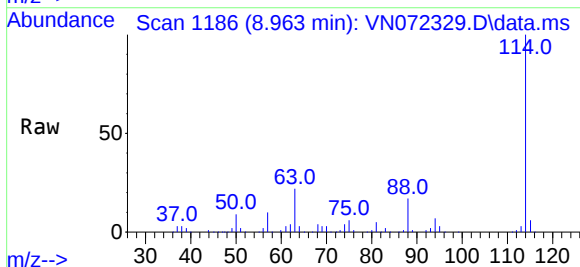
Tgt Ion: 114 Resp: 497282

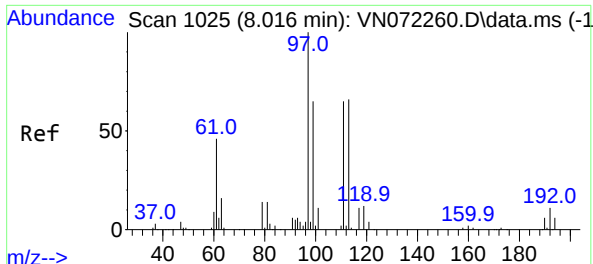
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 17.1 0.0 32.6

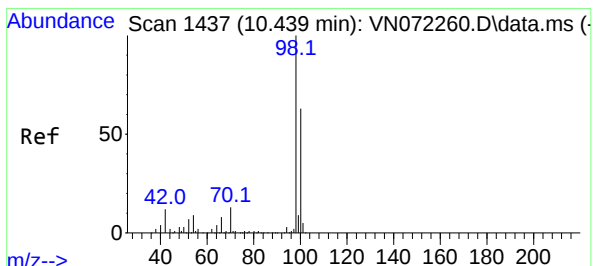
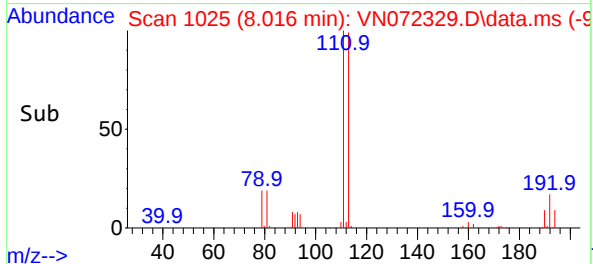
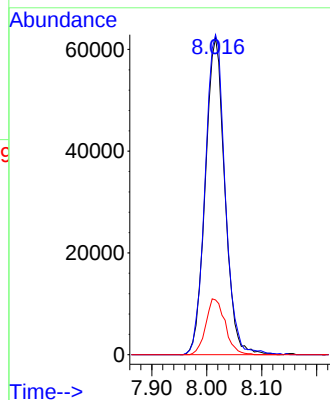
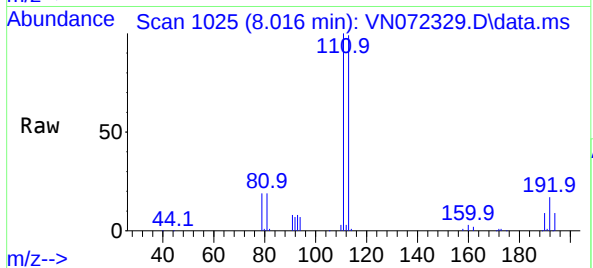




#35  
Dibromofluoromethane  
Concen: 48.171 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN072329.D  
Acq: 04 May 2022 15:38

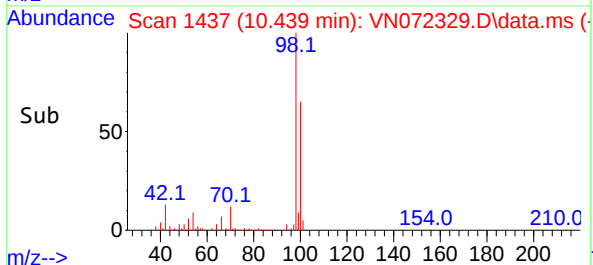
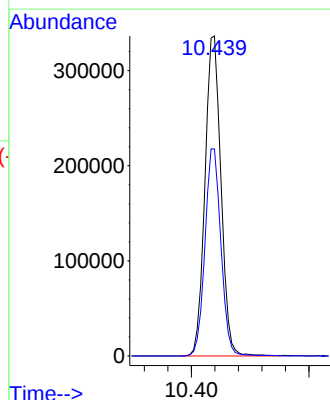
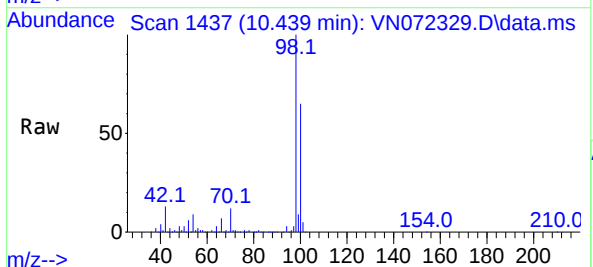
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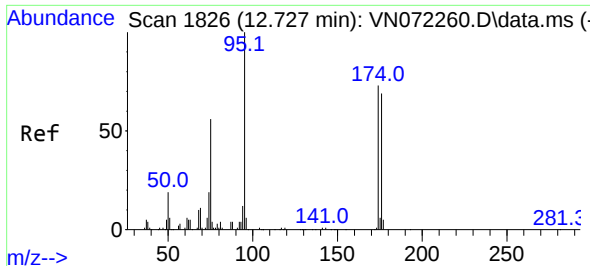
Tgt Ion:113 Resp: 153322  
Ion Ratio Lower Upper  
113 100  
111 103.7 81.4 122.0  
192 17.5 17.0 25.6



#50  
Toluene-d8  
Concen: 50.687 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072329.D  
Acq: 04 May 2022 15:38

Tgt Ion: 98 Resp: 633937  
Ion Ratio Lower Upper  
98 100  
100 64.5 52.6 78.8

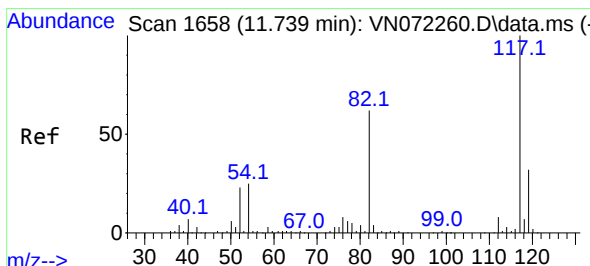
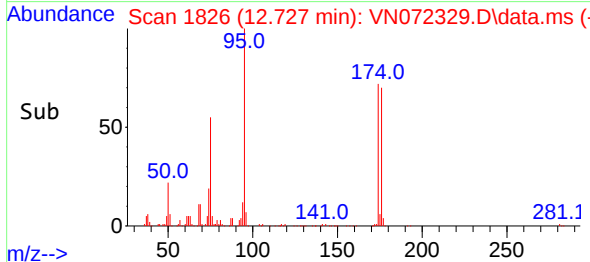
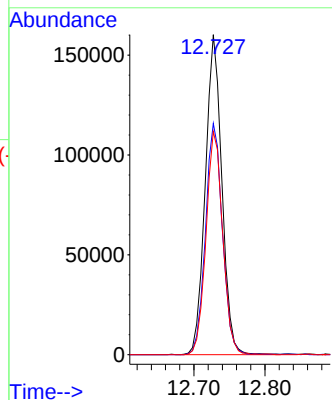
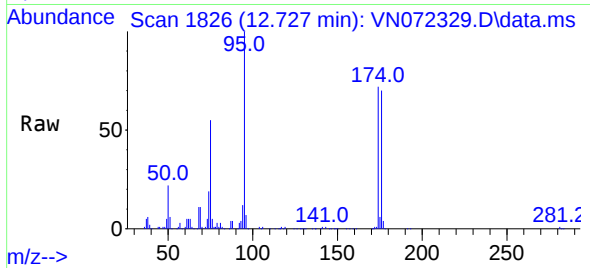




#62  
4-Bromofluorobenzene  
Concen: 62.681 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072329.D  
Acq: 04 May 2022 15:38

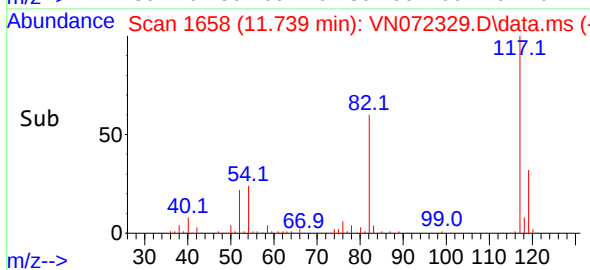
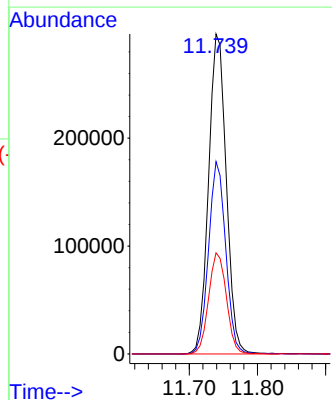
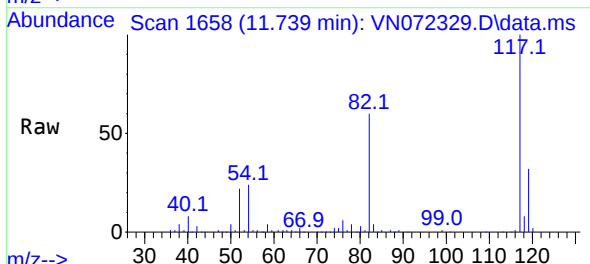
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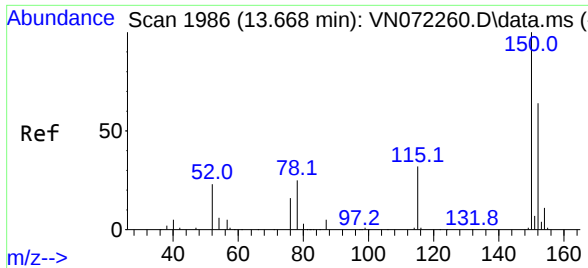
Tgt Ion: 95 Resp: 260207  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 167.6  
176 70.3 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072329.D  
Acq: 04 May 2022 15:38

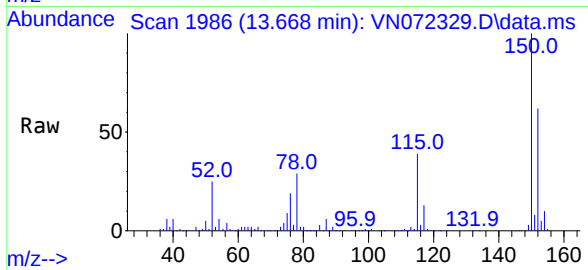
Tgt Ion: 117 Resp: 535639  
Ion Ratio Lower Upper  
117 100  
82 60.1 44.2 66.2  
119 31.6 25.4 38.0





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072329.D  
Acq: 04 May 2022 15:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:152 Resp: 228883  
Ion Ratio Lower Upper  
152 100  
115 62.6 28.9 86.7  
150 159.8 0.0 356.2

