

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050222\  
 Data File : VN072300.D  
 Acq On : 02 May 2022 17:46  
 Operator : JC\MD  
 Sample : N2653-08RE  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 30992RE

Quant Time: May 03 03:13:17 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

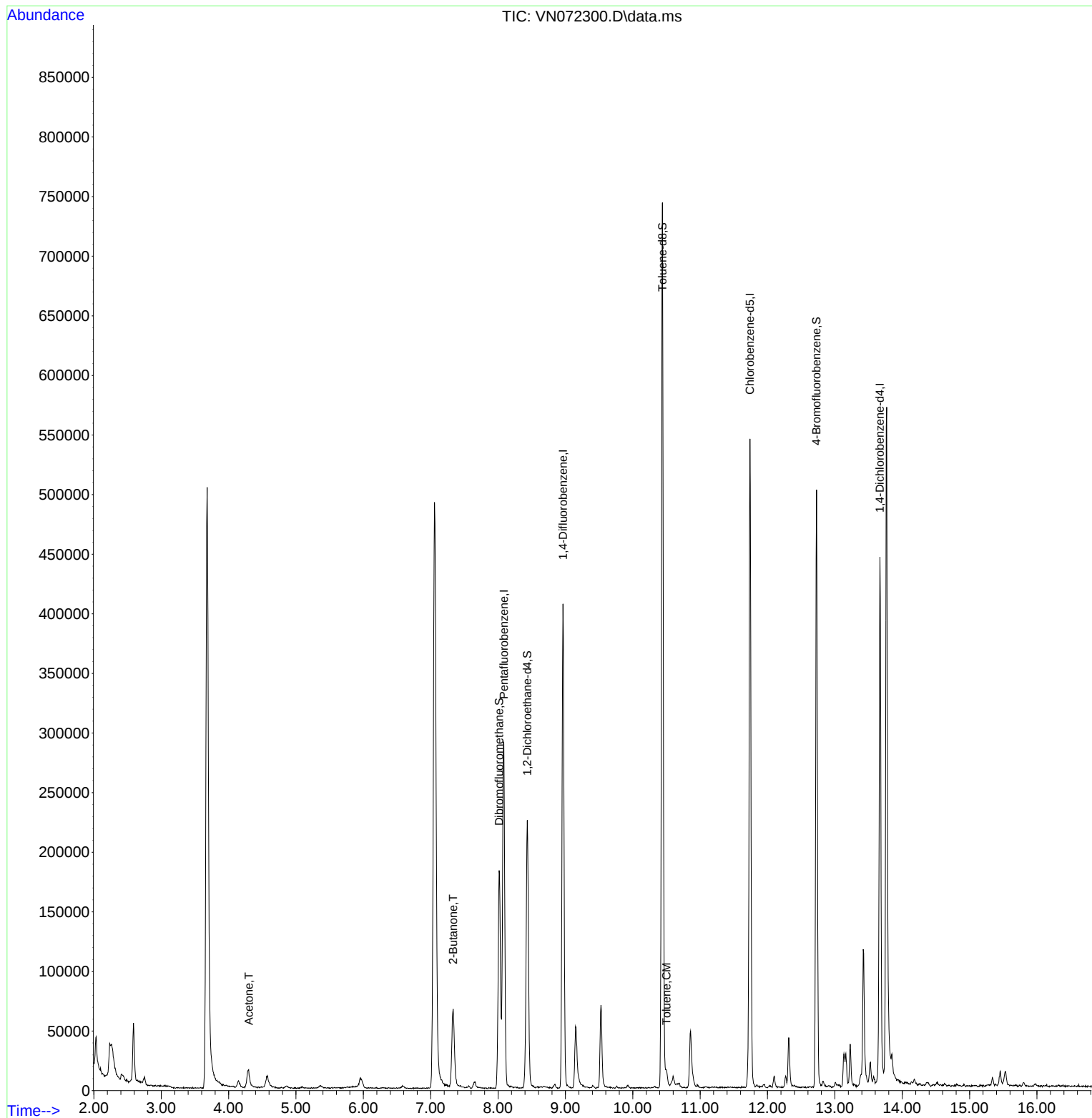
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.086     | 168   | 202992   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.963     | 114   | 330620   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.739    | 117   | 292562   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668    | 152   | 110447   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.433     | 65    | 203737   | 65.376   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =     | 130.760% |
| 35) Dibromofluoromethane    | 8.016     | 113   | 130398   | 61.620   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =     | 123.240% |
| 50) Toluene-d8              | 10.439    | 98    | 471706   | 56.728   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =     | 113.460% |
| 62) 4-Bromofluorobenzene    | 12.727    | 95    | 163397   | 59.202   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =     | 118.400% |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 4.298     | 43    | 28653    | 21.326   | ug/l  | 88       |
| 25) 2-Butanone              | 7.333     | 43    | 108355   | 50.639   | ug/l  | 100      |
| 52) Toluene                 | 10.498    | 92    | 3323     | 0.582    | ug/l  | 96       |
| -----                       |           |       |          |          |       |          |

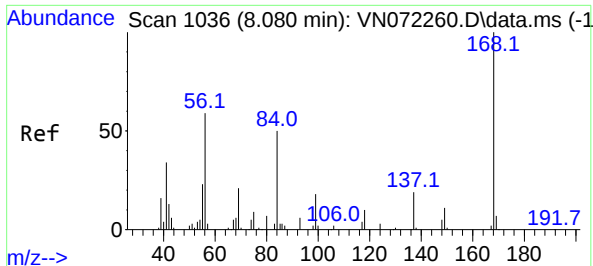
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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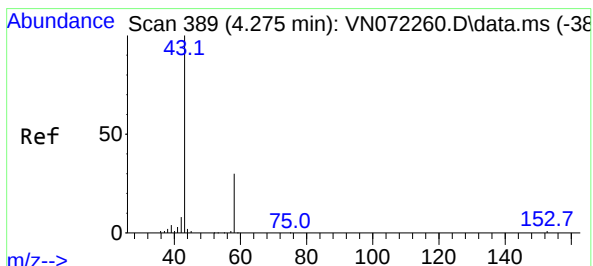
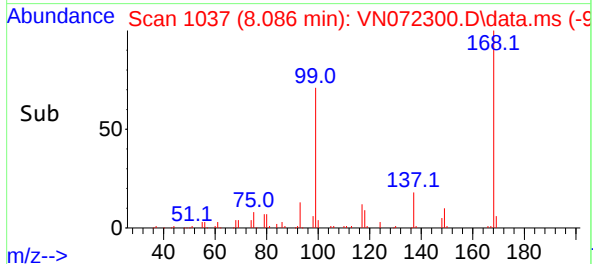
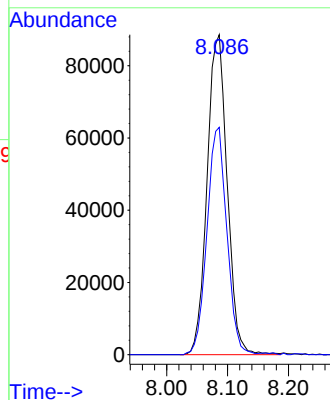
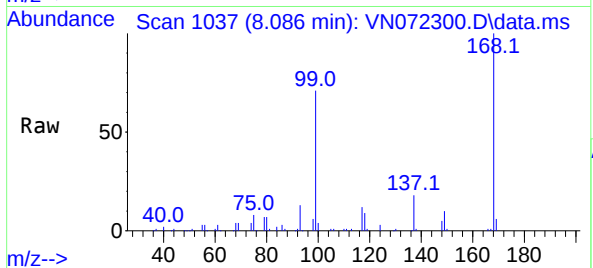




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 1036  
Delta R.T. 0.005 min  
Lab File: VN072300.D  
Acq: 02 May 2022 17:46

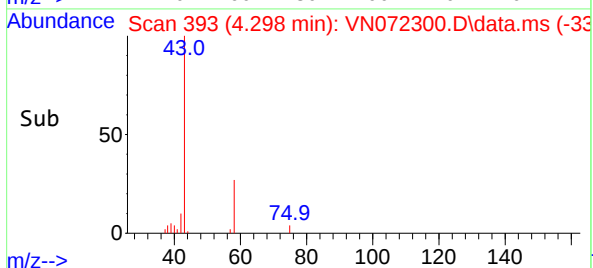
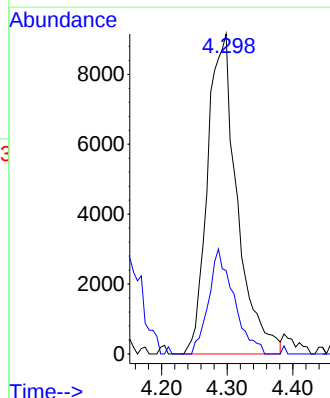
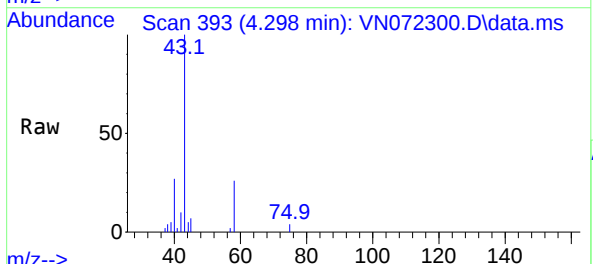
Instrument :  
MSVOA\_N  
ClientSampleId :  
30992RE

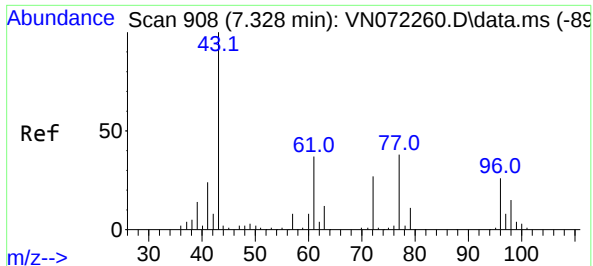
Tgt Ion:168 Resp: 202992  
Ion Ratio Lower Upper  
168 100  
99 71.0 42.3 63.5#



#16  
Acetone  
Concen: 21.326 ug/l  
RT: 4.298 min Scan# 393  
Delta R.T. 0.017 min  
Lab File: VN072300.D  
Acq: 02 May 2022 17:46

Tgt Ion: 43 Resp: 28653  
Ion Ratio Lower Upper  
43 100  
58 26.0 26.0 39.0





#25

2-Butanone

Concen: 50.639 ug/l

RT: 7.333 min Scan# 908

Delta R.T. 0.005 min

Lab File: VN072300.D

Acq: 02 May 2022 17:46

Instrument :

MSVOA\_N

ClientSampleId :

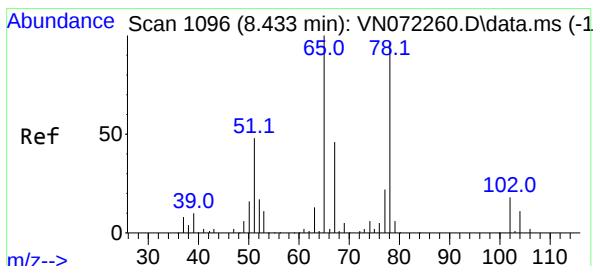
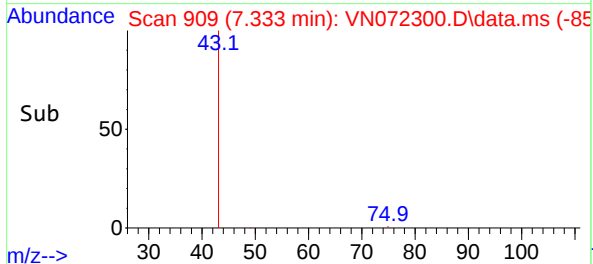
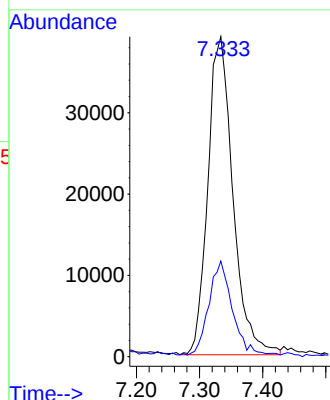
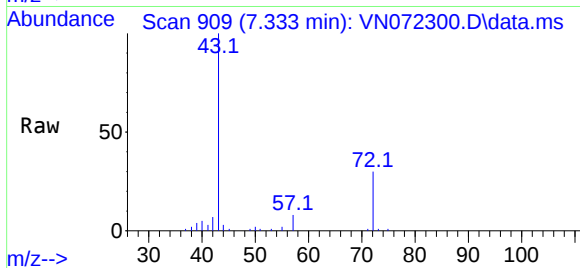
30992RE

Tgt Ion: 43 Resp: 108355

Ion Ratio Lower Upper

43 100

72 29.5 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 65.376 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072300.D

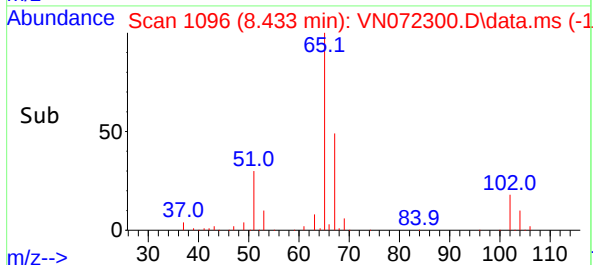
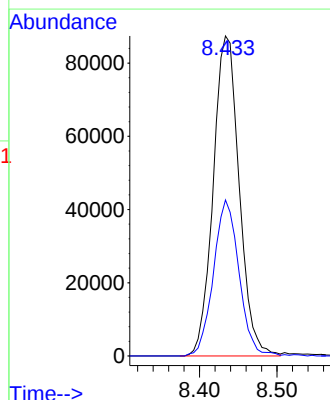
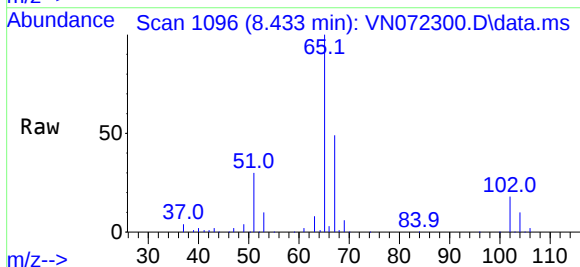
Acq: 02 May 2022 17:46

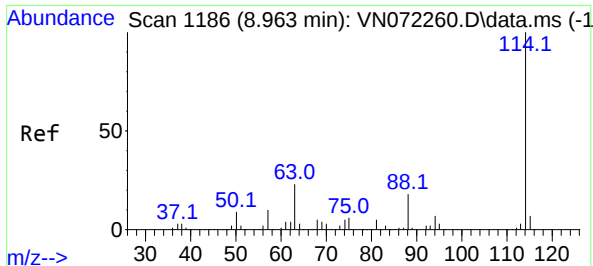
Tgt Ion: 65 Resp: 203737

Ion Ratio Lower Upper

65 100

67 47.9 0.0 104.8

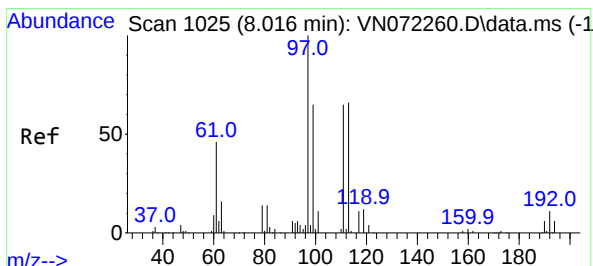
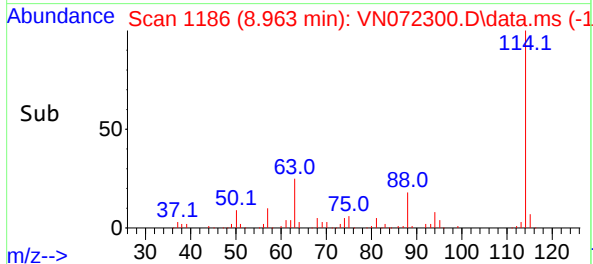
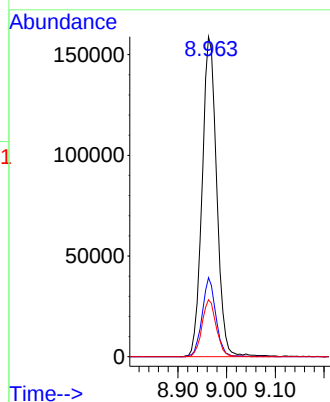
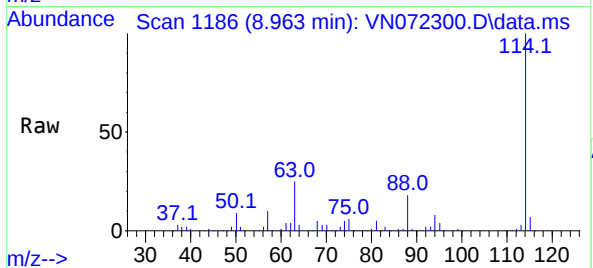




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072300.D  
Acq: 02 May 2022 17:46

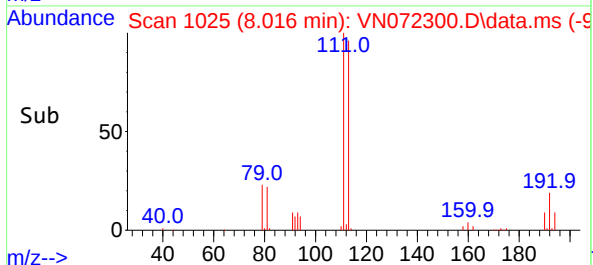
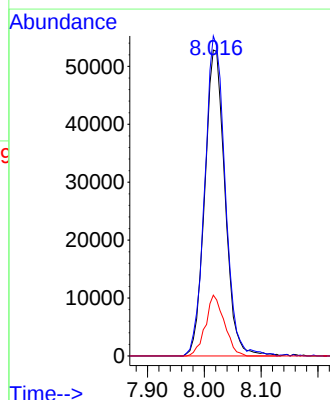
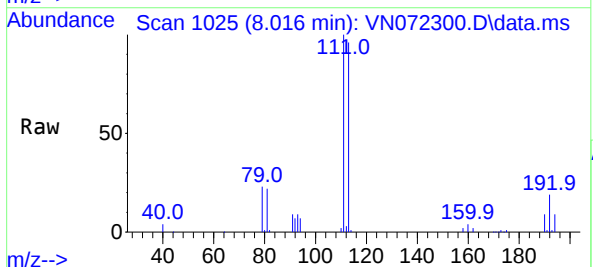
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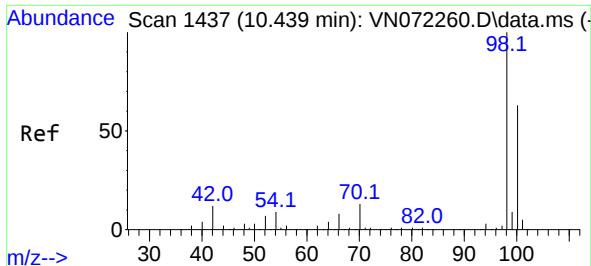
Tgt Ion:114 Resp: 330620  
Ion Ratio Lower Upper  
114 100  
63 24.7 0.0 40.0  
88 17.8 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 61.620 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN072300.D  
Acq: 02 May 2022 17:46

Tgt Ion:113 Resp: 130398  
Ion Ratio Lower Upper  
113 100  
111 105.5 81.4 122.0  
192 18.5 17.0 25.6

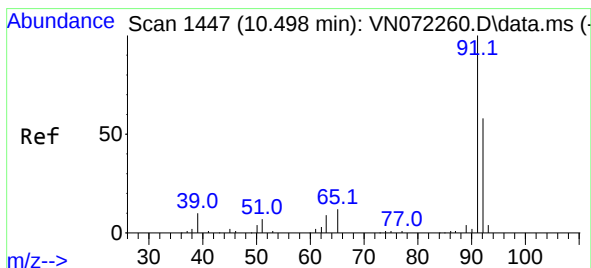
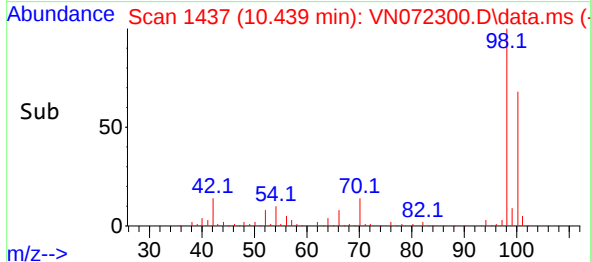
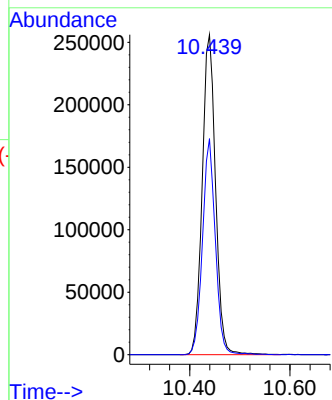
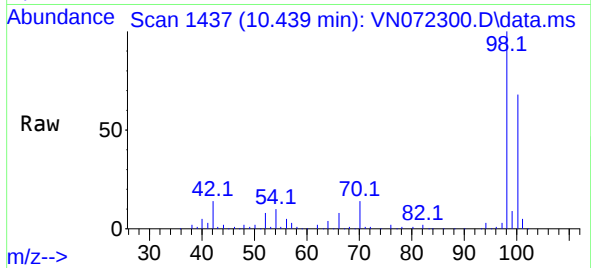




#50  
Toluene-d8  
Concen: 56.728 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072300.D  
Acq: 02 May 2022 17:46

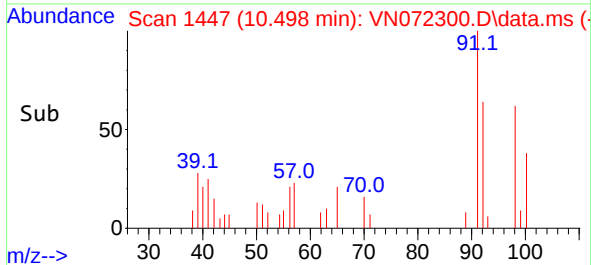
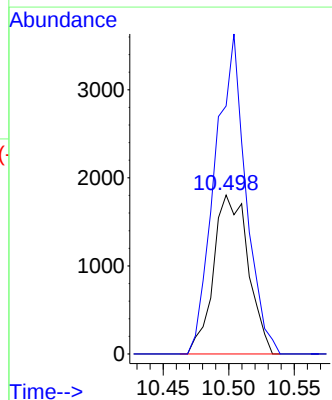
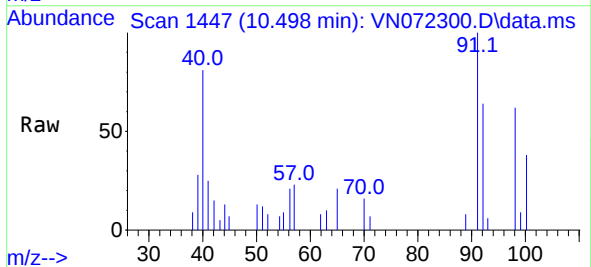
Instrument :  
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ClientSampleId :  
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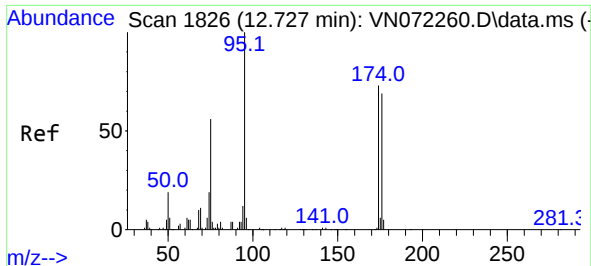
Tgt Ion: 98 Resp: 471706  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.6 78.8



#52  
Toluene  
Concen: 0.582 ug/l  
RT: 10.498 min Scan# 1447  
Delta R.T. -0.006 min  
Lab File: VN072300.D  
Acq: 02 May 2022 17:46

Tgt Ion: 92 Resp: 3323  
Ion Ratio Lower Upper  
92 100  
91 179.1 138.6 207.8

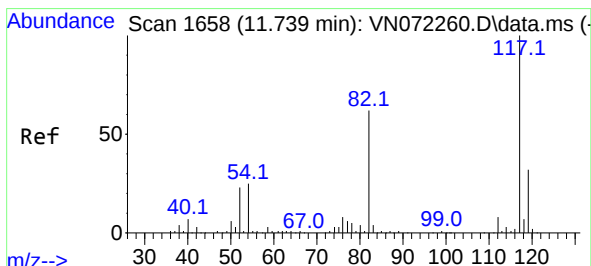
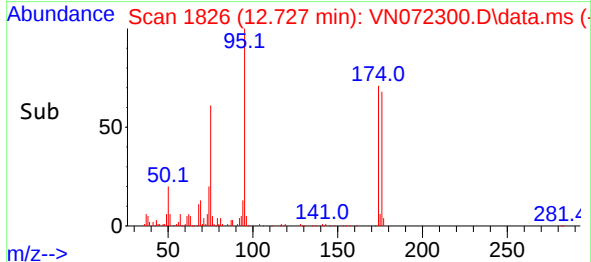
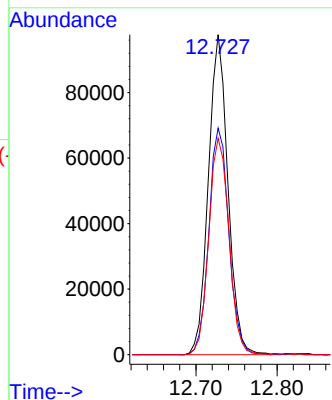
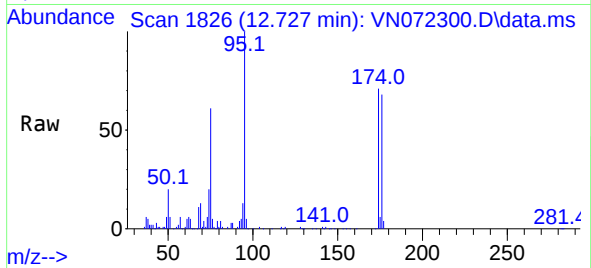




#62  
4-Bromofluorobenzene  
Concen: 59.202 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072300.D  
Acq: 02 May 2022 17:46

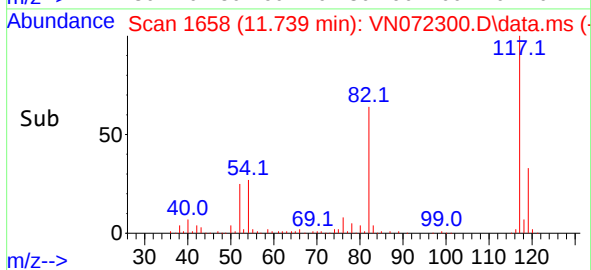
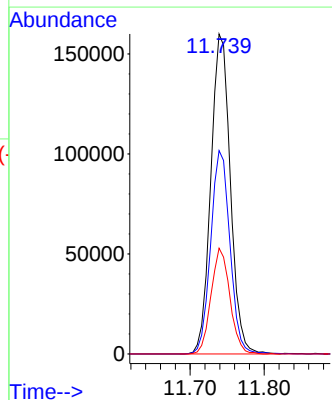
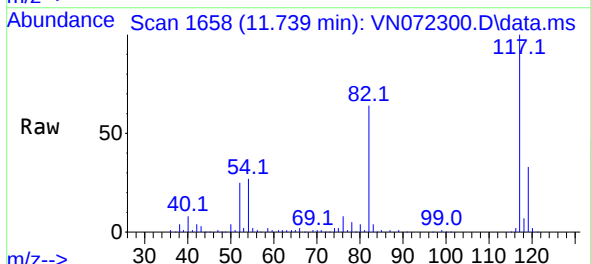
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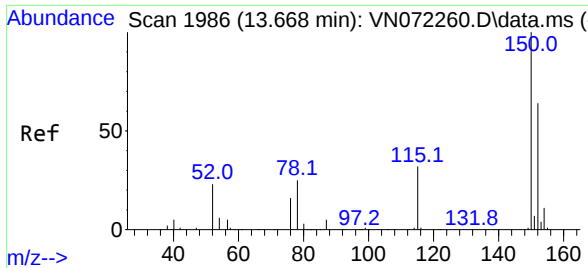
Tgt Ion: 95 Resp: 163397  
Ion Ratio Lower Upper  
95 100  
174 72.4 0.0 167.6  
176 69.6 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072300.D  
Acq: 02 May 2022 17:46

Tgt Ion: 117 Resp: 292562  
Ion Ratio Lower Upper  
117 100  
82 63.6 44.2 66.2  
119 33.1 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: VN072300.D  
 Acq: 02 May 2022 17:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 30992RE

Tgt Ion:152 Resp: 110447

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 64.6  | 28.9  | 86.7  |
| 150 | 155.4 | 0.0   | 356.2 |

