

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062122\  
 Data File : VN072987.D  
 Acq On : 21 Jun 2022 16:44  
 Operator : JC\MD  
 Sample : N3379-07  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TOLL-MW-10

Quant Time: Jun 22 07:01:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 18 06:22:45 2022  
 Response via : Initial Calibration

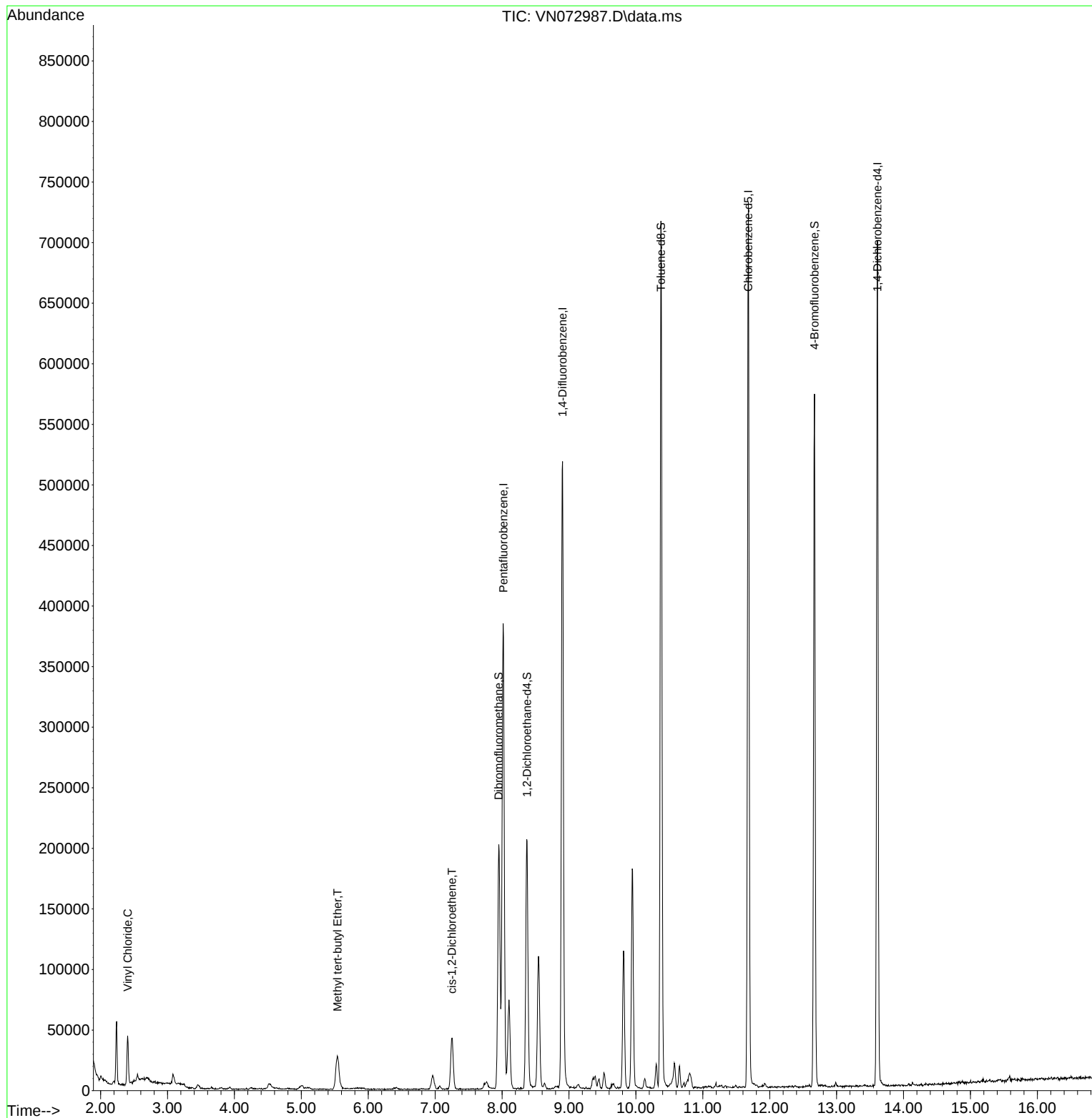
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.022  | 168   | 296447   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 469327   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.680 | 117   | 415993   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.610 | 152   | 187475   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.375  | 65    | 173102   | 43.190   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 86.380%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 149193   | 51.430   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 102.860% |
| 50) Toluene-d8              | 10.374 | 98    | 493423   | 45.712   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 91.420%  |
| 62) 4-Bromofluorobenzene    | 12.668 | 95    | 197098   | 50.780   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 101.560% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 4) Vinyl Chloride           | 2.404  | 62    | 20027    | 7.912    | ug/l   | 99       |
| 19) Methyl tert-butyl Ether | 5.539  | 73    | 40246    | 3.776    | ug/l   | 94       |
| 27) cis-1,2-Dichloroethene  | 7.251  | 96    | 26445    | 7.170    | ug/l   | 91       |
| -----                       |        |       |          |          |        |          |

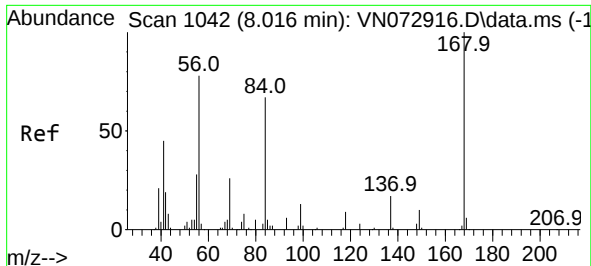
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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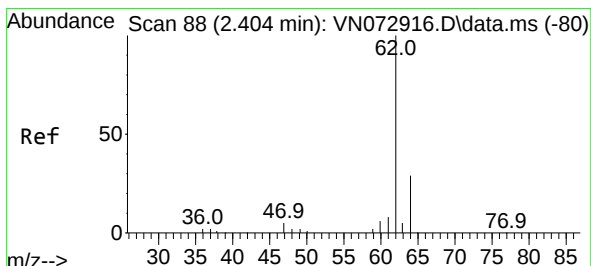
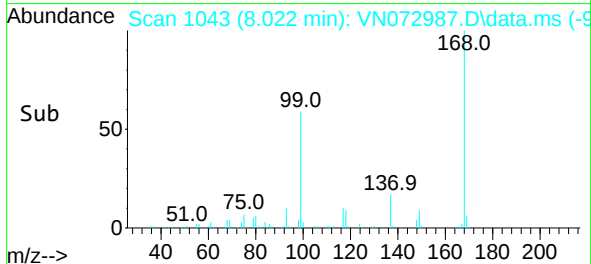
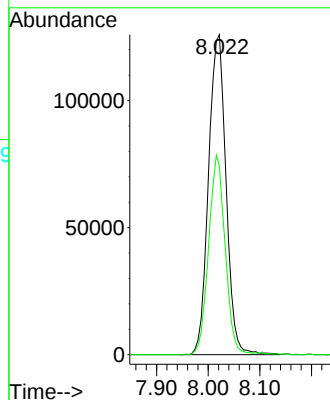
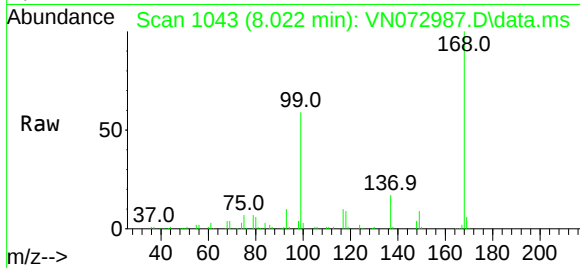




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. 0.006 min  
Lab File: VN072987.D  
Acq: 21 Jun 2022 16:44

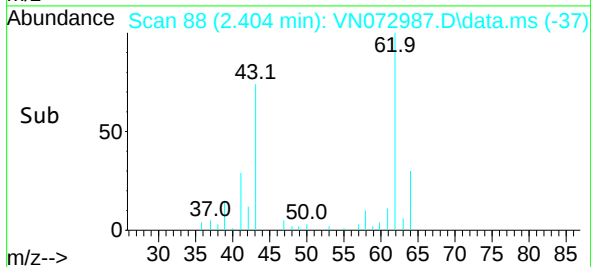
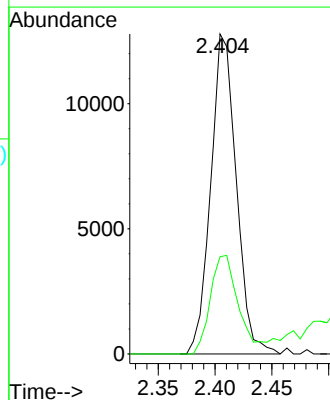
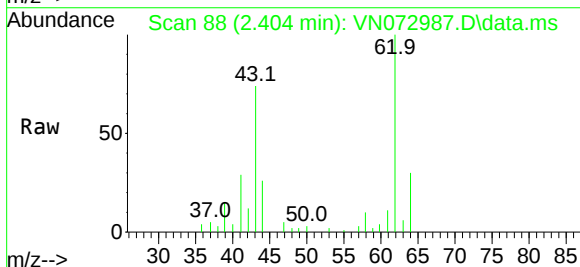
Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-10

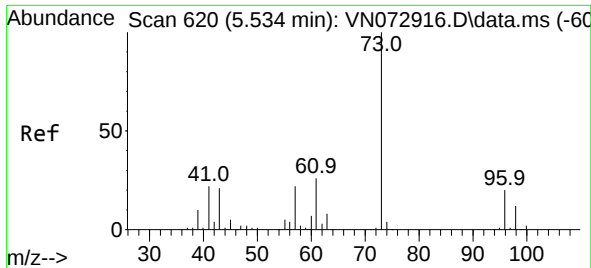
Tgt Ion:168 Resp: 296447  
Ion Ratio Lower Upper  
168 100  
99 58.9 42.3 63.5



#4  
Vinyl Chloride  
Concen: 7.912 ug/l  
RT: 2.404 min Scan# 88  
Delta R.T. -0.000 min  
Lab File: VN072987.D  
Acq: 21 Jun 2022 16:44

Tgt Ion: 62 Resp: 20027  
Ion Ratio Lower Upper  
62 100  
64 30.4 25.0 37.4

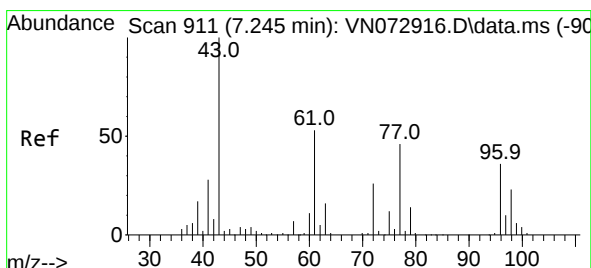
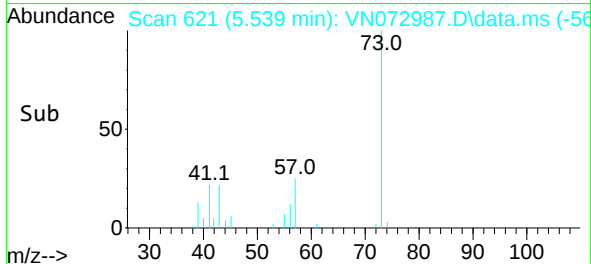
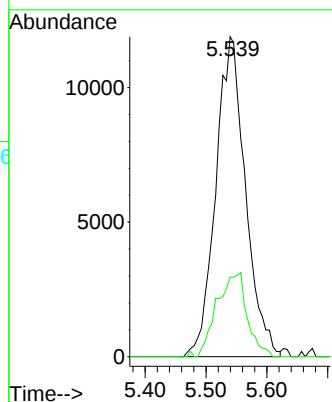
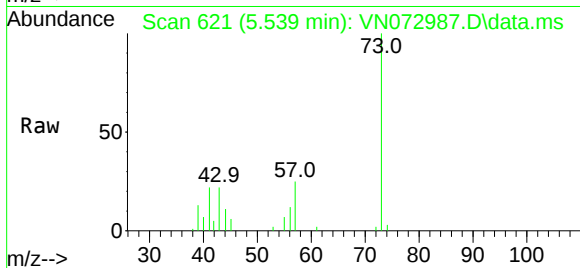




#19  
Methyl tert-butyl Ether  
Concen: 3.776 ug/l  
RT: 5.539 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN072987.D  
Acq: 21 Jun 2022 16:44

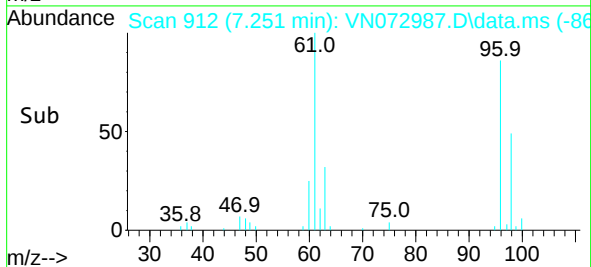
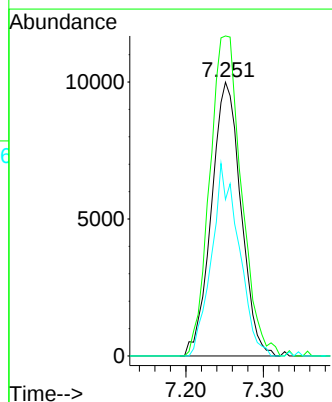
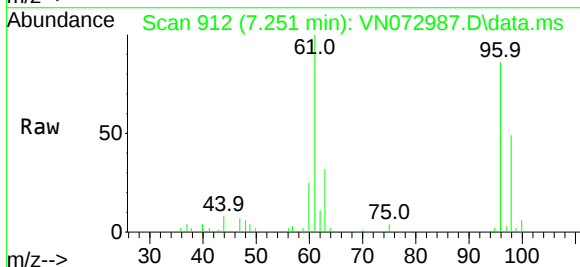
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ClientSampleId :  
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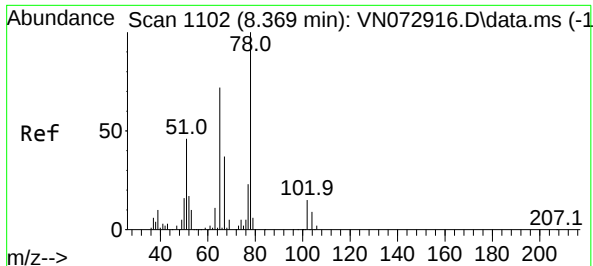
Tgt Ion: 73 Resp: 40246  
Ion Ratio Lower Upper  
73 100  
57 24.8 17.6 26.4



#27  
cis-1,2-Dichloroethene  
Concen: 7.170 ug/l  
RT: 7.251 min Scan# 912  
Delta R.T. 0.006 min  
Lab File: VN072987.D  
Acq: 21 Jun 2022 16:44

Tgt Ion: 96 Resp: 26445  
Ion Ratio Lower Upper  
96 100  
61 125.8 0.0 280.6  
98 65.3 0.0 128.4

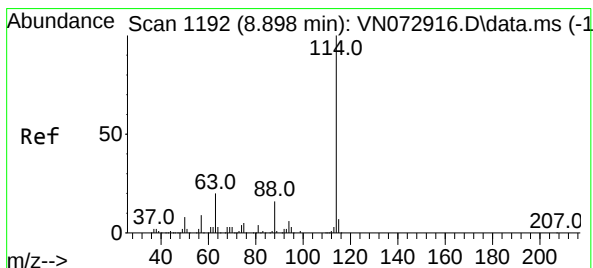
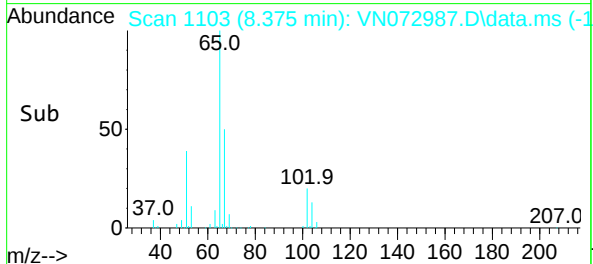
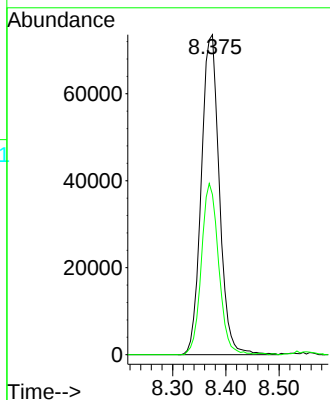
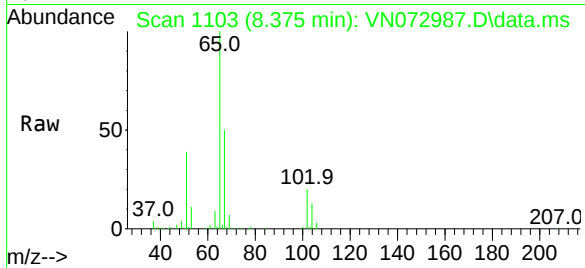




#33  
1,2-Dichloroethane-d4  
Concen: 43.190 ug/l  
RT: 8.375 min Scan# 1102  
Delta R.T. 0.006 min  
Lab File: VN072987.D  
Acq: 21 Jun 2022 16:44

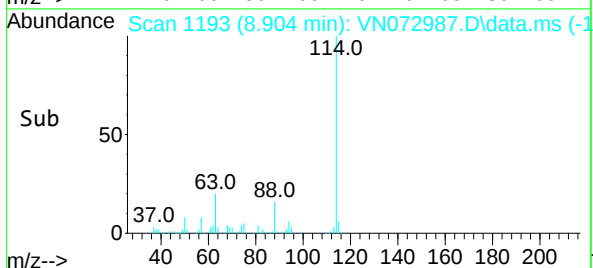
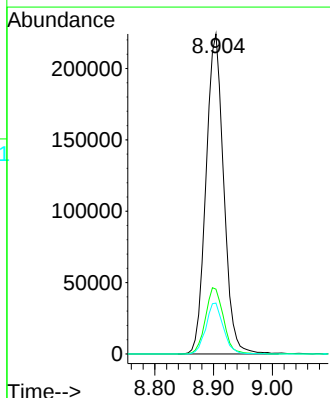
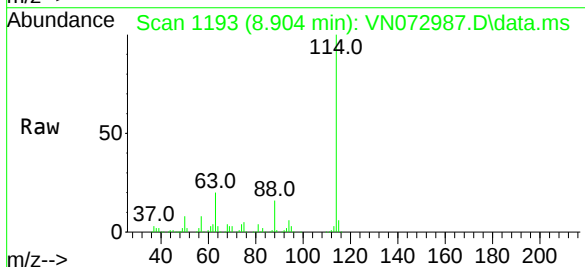
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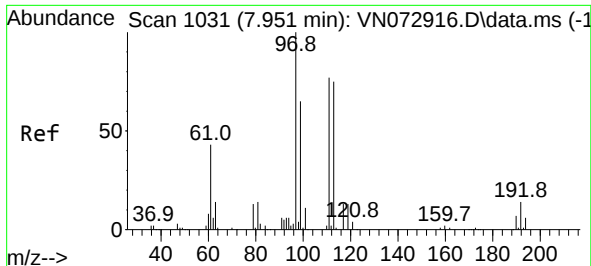
Tgt Ion: 65 Resp: 173102  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.904 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: VN072987.D  
Acq: 21 Jun 2022 16:44

Tgt Ion: 114 Resp: 469327  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 40.0  
88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.430 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN072987.D

Acq: 21 Jun 2022 16:44

Instrument :

MSVOA\_N

ClientSampleId :

TOLL-MW-10

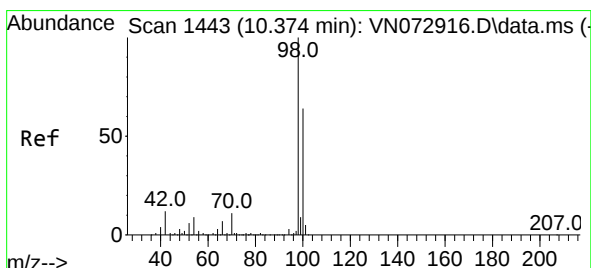
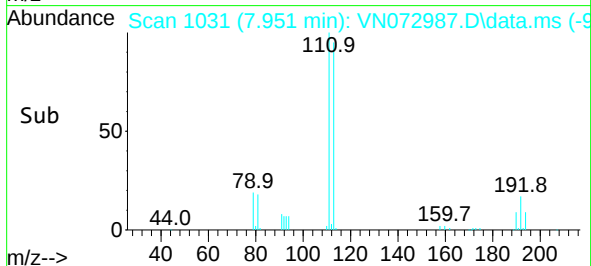
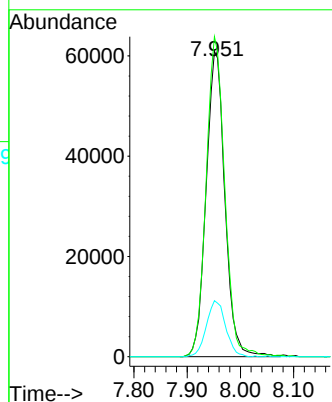
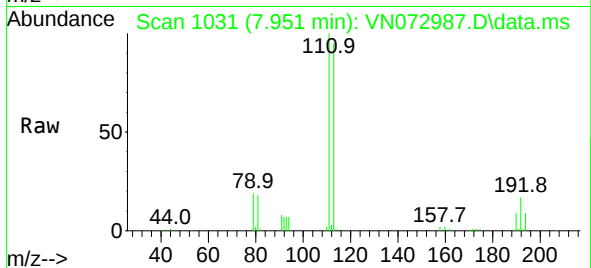
Tgt Ion:113 Resp: 149193

Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 18.9 17.0 25.6



#50

Toluene-d8

Concen: 45.712 ug/l

RT: 10.374 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN072987.D

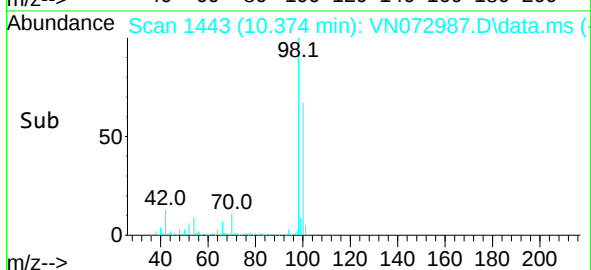
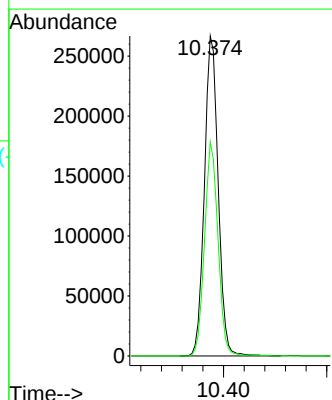
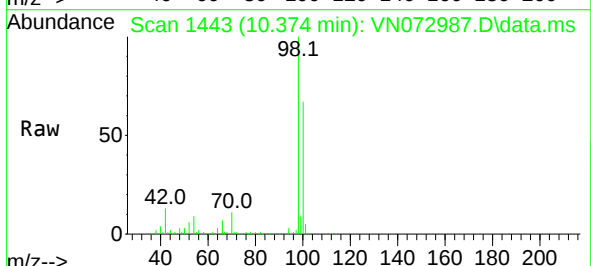
Acq: 21 Jun 2022 16:44

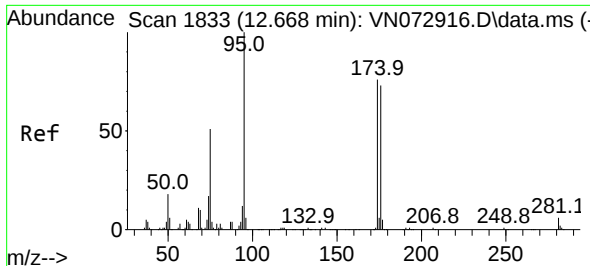
Tgt Ion: 98 Resp: 493423

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8

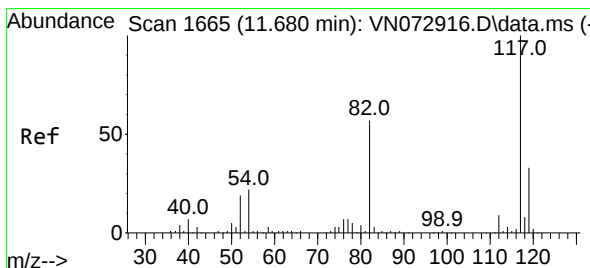
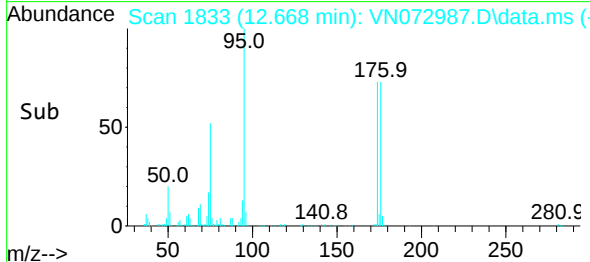
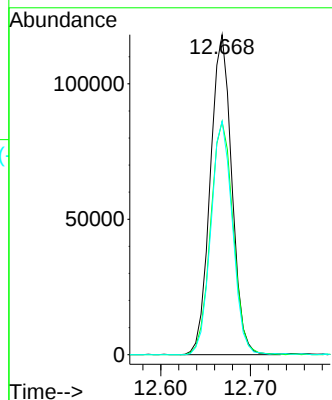
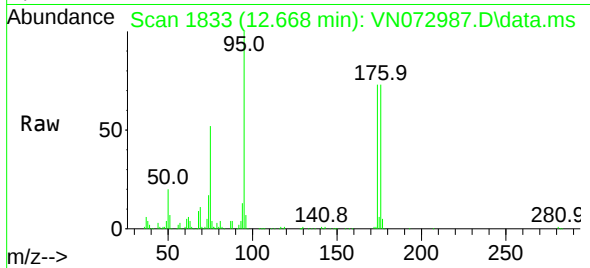




#62  
4-Bromofluorobenzene  
Concen: 50.780 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN072987.D  
Acq: 21 Jun 2022 16:44

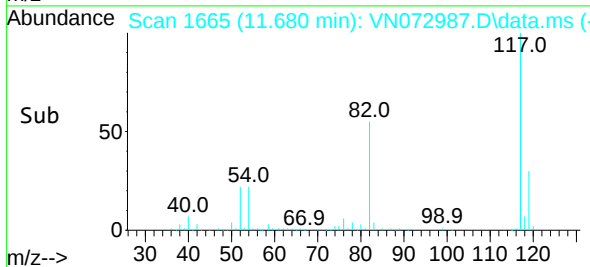
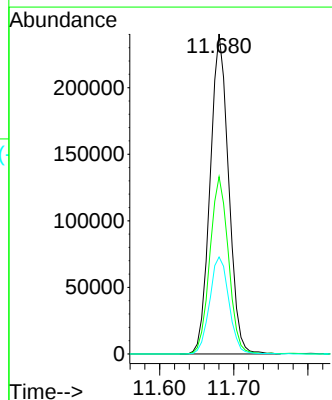
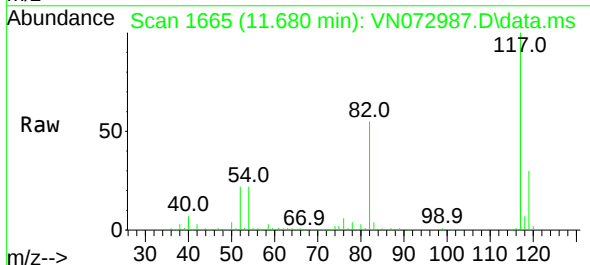
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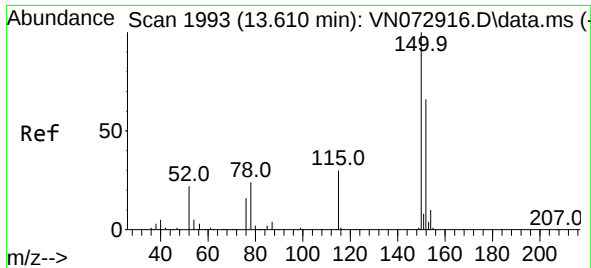
Tgt Ion: 95 Resp: 197098  
Ion Ratio Lower Upper  
95 100  
174 76.1 0.0 167.6  
176 72.9 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VN072987.D  
Acq: 21 Jun 2022 16:44

Tgt Ion: 117 Resp: 415993  
Ion Ratio Lower Upper  
117 100  
82 55.4 44.2 66.2  
119 30.3 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.610 min Scan# 1993  
 Delta R.T. -0.000 min  
 Lab File: VN072987.D  
 Acq: 21 Jun 2022 16:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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Tgt Ion:152 Resp: 187475  
 Ion Ratio Lower Upper  
 152 100  
 115 57.9 28.9 86.7  
 150 155.0 0.0 356.2

