

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN083122\  
 Data File : VN074209.D  
 Acq On : 31 Aug 2022 13:07  
 Operator : JC\MD  
 Sample : N4444-01DL 10X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WH-1DL

Quant Time: Sep 01 00:23:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083022W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 31 07:02:40 2022  
 Response via : Initial Calibration

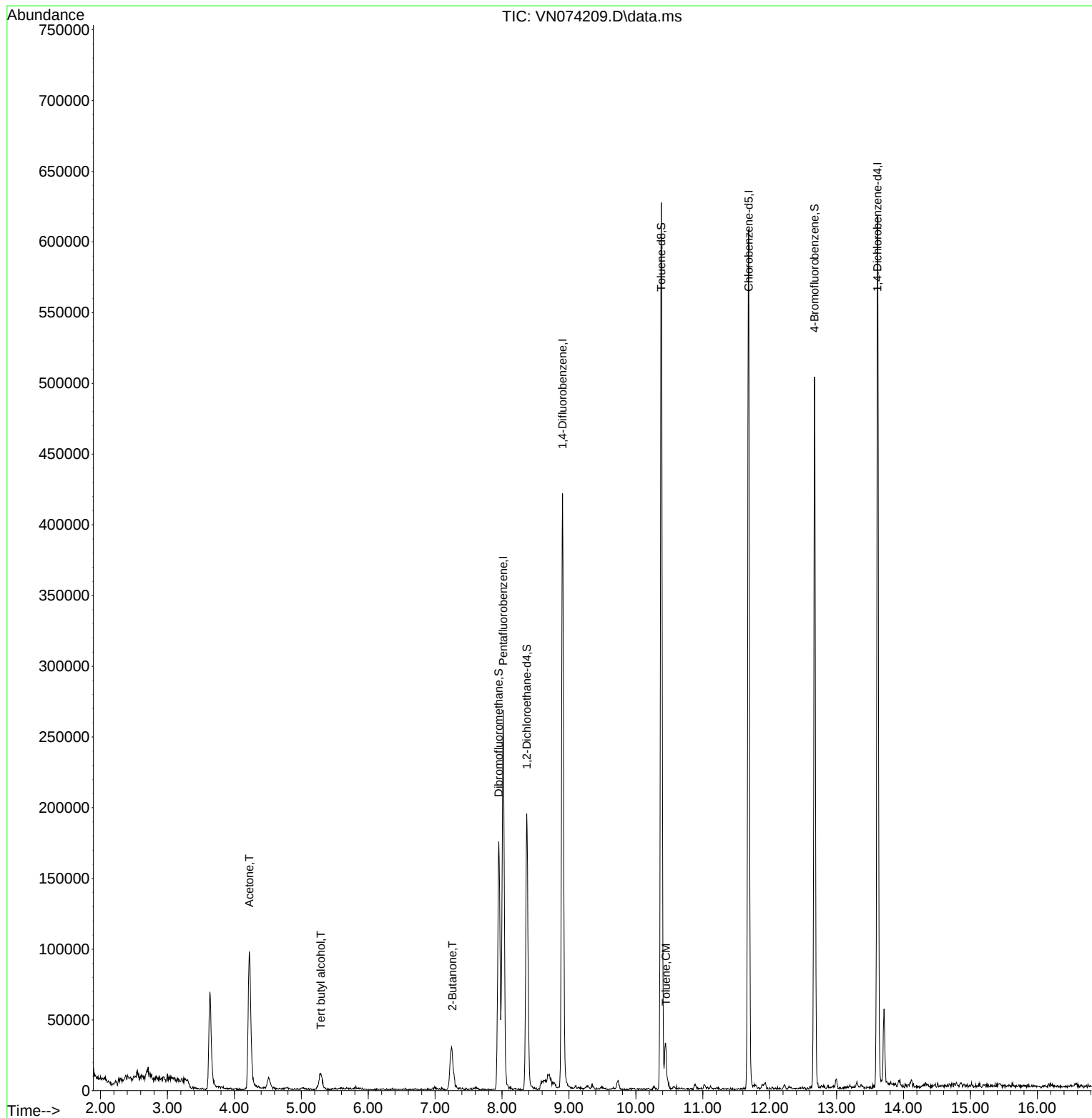
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.016     | 168   | 187763   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904     | 114   | 342527   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.686    | 117   | 324269   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.610    | 152   | 147373   | 50.000   | ug/l       | 0.00     |
|                             |           |       |          |          |            |          |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.369     | 65    | 149750   | 51.413   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 102.820% |          |
| 35) Dibromofluoromethane    | 7.951     | 113   | 125164   | 56.155   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 112.320% |          |
| 50) Toluene-d8              | 10.381    | 98    | 404628   | 46.097   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 92.200%  |          |
| 62) 4-Bromofluorobenzene    | 12.669    | 95    | 155768   | 58.355   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 116.700% |          |
|                             |           |       |          |          |            |          |
| Target Compounds            |           |       |          |          |            | Qvalue   |
| 11) Tert butyl alcohol      | 5.293     | 59    | 19016    | 21.878   | ug/l #     | 90       |
| 16) Acetone                 | 4.222     | 43    | 181198   | 93.100   | ug/l       | 100      |
| 25) 2-Butanone              | 7.257     | 43    | 18884    | 6.065    | ug/l #     | 82       |
| 52) Toluene                 | 10.451    | 92    | 12888    | 1.926    | ug/l       | 89       |
| -----                       |           |       |          |          |            |          |

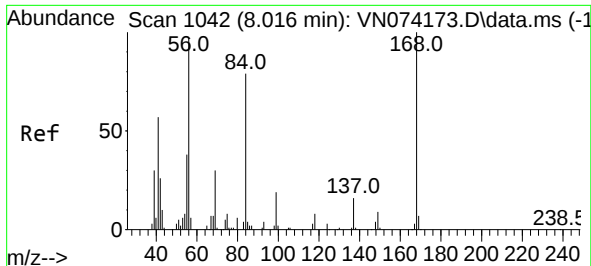
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
WH-1DL

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083022W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 31 07:02:40 2022  
Response via : Initial Calibration

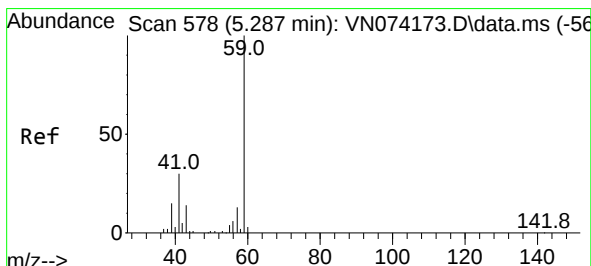
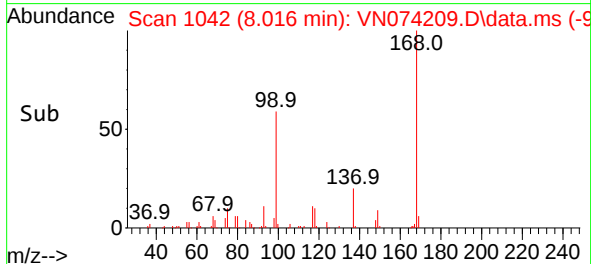
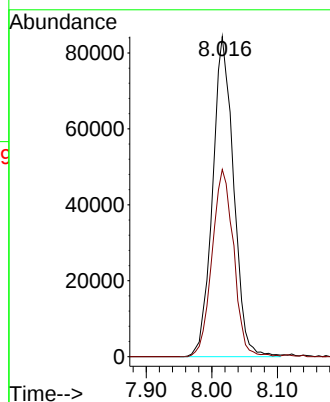
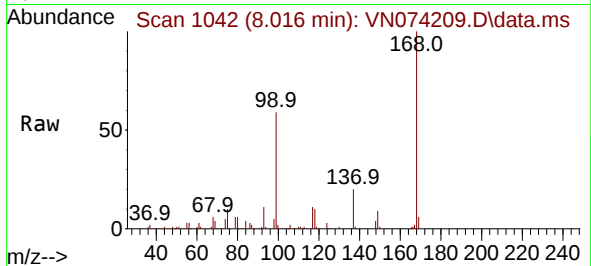




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN074209.D  
Acq: 31 Aug 2022 13:07

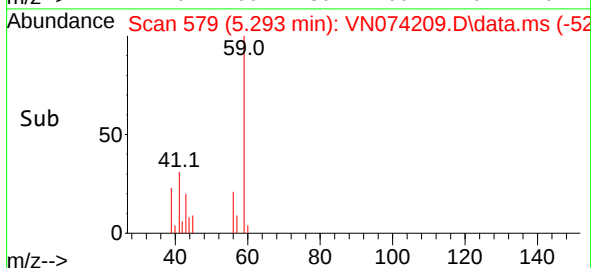
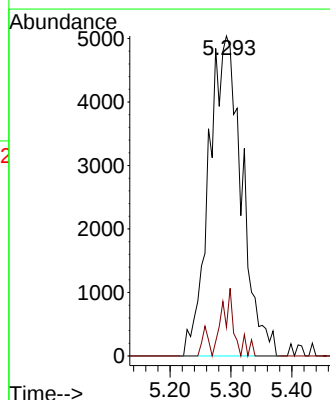
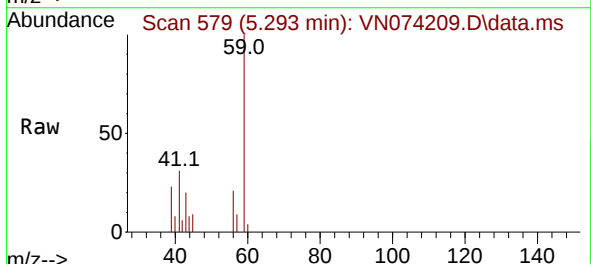
Instrument :  
MSVOA\_N  
ClientSampleId :  
WH-1DL

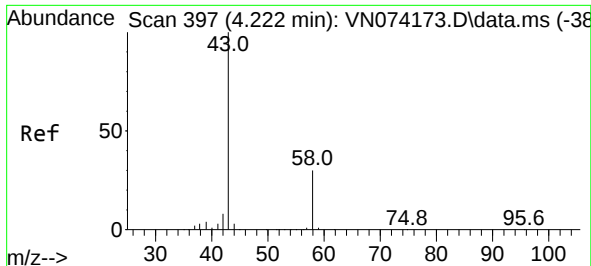
Tgt Ion:168 Resp: 187763  
Ion Ratio Lower Upper  
168 100  
99 58.5 42.3 63.5



#11  
Tert butyl alcohol  
Concen: 21.878 ug/l  
RT: 5.293 min Scan# 579  
Delta R.T. 0.006 min  
Lab File: VN074209.D  
Acq: 31 Aug 2022 13:07

Tgt Ion: 59 Resp: 19016  
Ion Ratio Lower Upper  
59 100  
57 6.8 8.3 12.5#

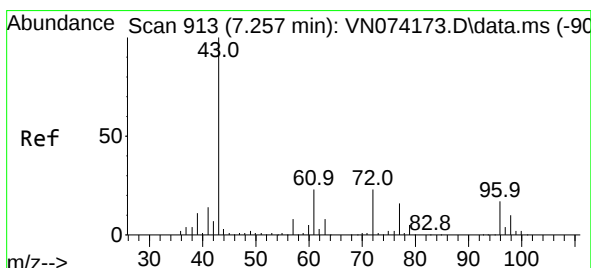
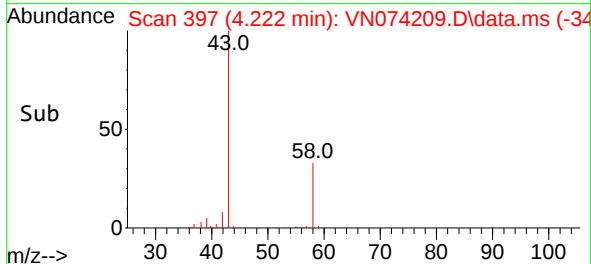
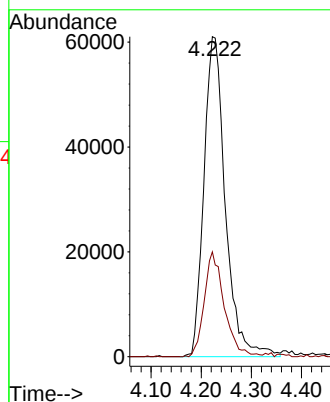
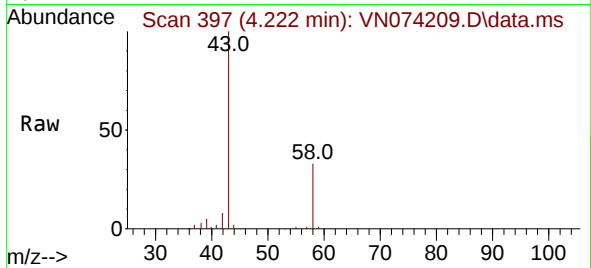




#16  
Acetone  
Concen: 93.100 ug/l  
RT: 4.222 min Scan# 397  
Delta R.T. 0.000 min  
Lab File: VN074209.D  
Acq: 31 Aug 2022 13:07

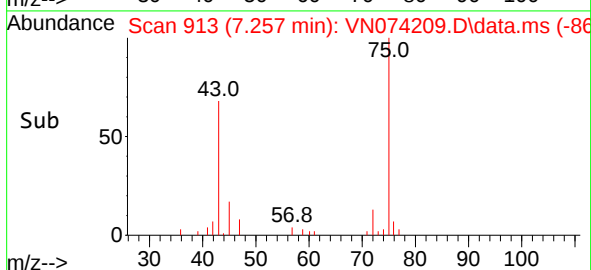
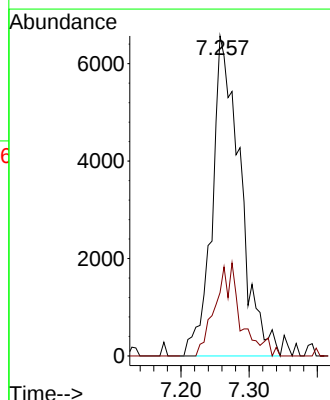
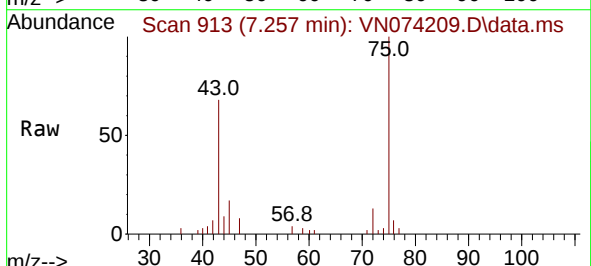
Instrument :  
MSVOA\_N  
ClientSampleId :  
WH-1DL

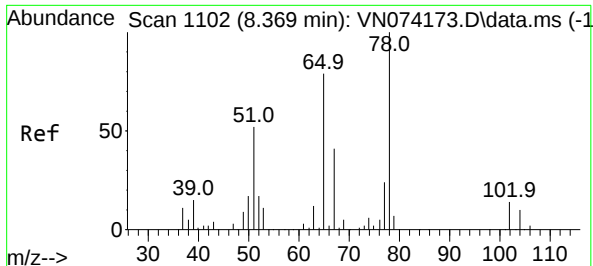
Tgt Ion: 43 Resp: 181198  
Ion Ratio Lower Upper  
43 100  
58 32.8 26.0 39.0



#25  
2-Butanone  
Concen: 6.065 ug/l  
RT: 7.257 min Scan# 913  
Delta R.T. 0.000 min  
Lab File: VN074209.D  
Acq: 31 Aug 2022 13:07

Tgt Ion: 43 Resp: 18884  
Ion Ratio Lower Upper  
43 100  
72 19.8 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 51.413 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074209.D

Acq: 31 Aug 2022 13:07

Instrument :

MSVOA\_N

ClientSampleId :

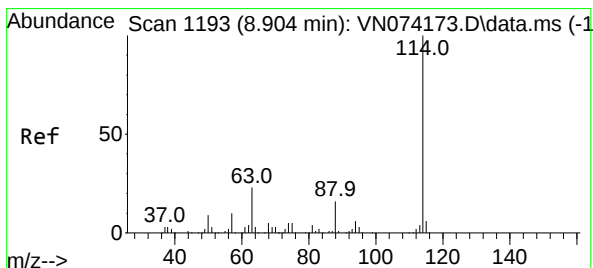
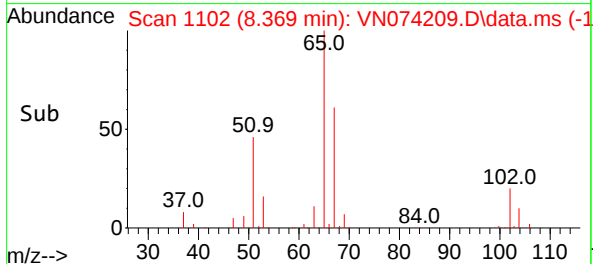
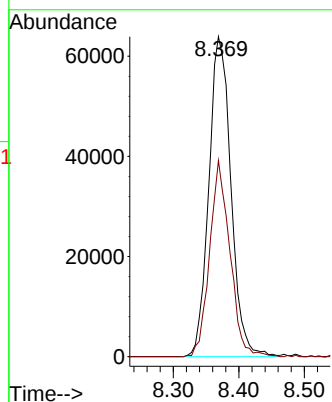
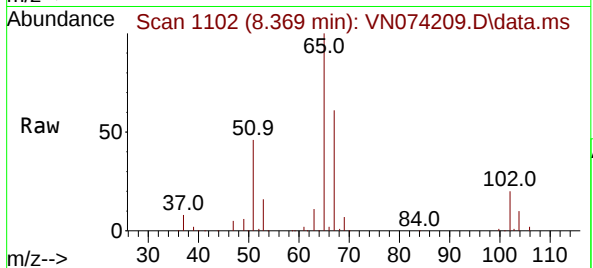
WH-1DL

Tgt Ion: 65 Resp: 149750

Ion Ratio Lower Upper

65 100

67 56.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074209.D

Acq: 31 Aug 2022 13:07

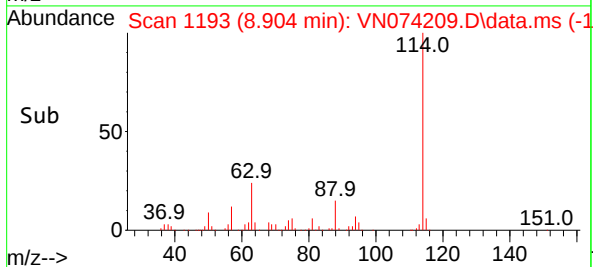
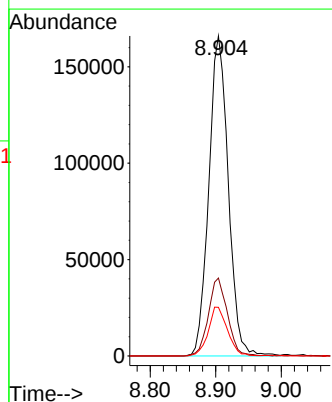
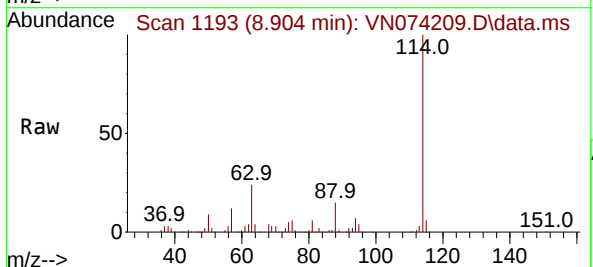
Tgt Ion: 114 Resp: 342527

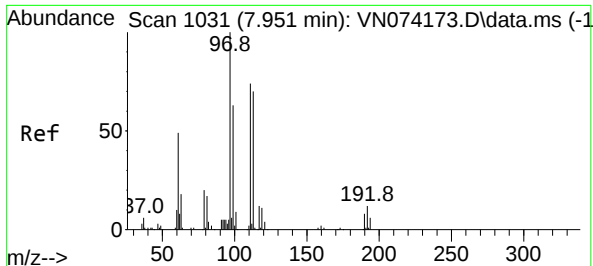
Ion Ratio Lower Upper

114 100

63 24.3 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.155 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074209.D

Acq: 31 Aug 2022 13:07

Instrument :

MSVOA\_N

ClientSampleId :

WH-1DL

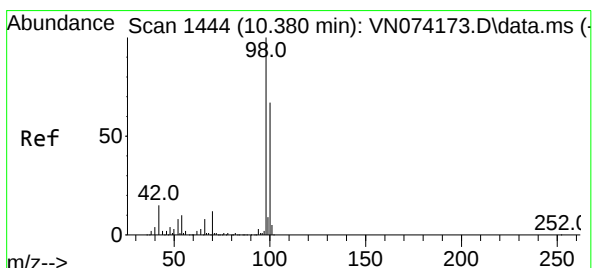
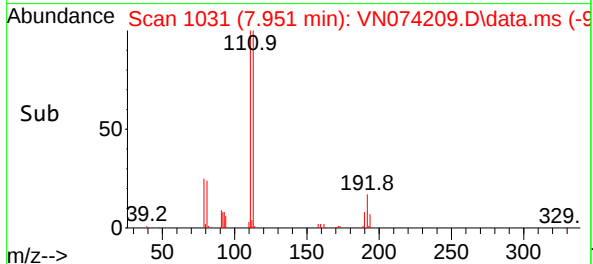
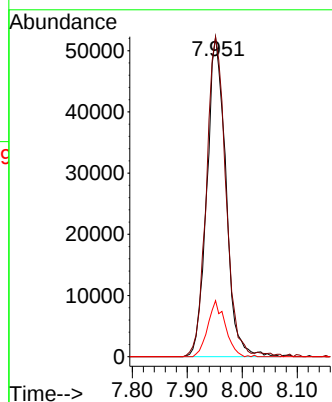
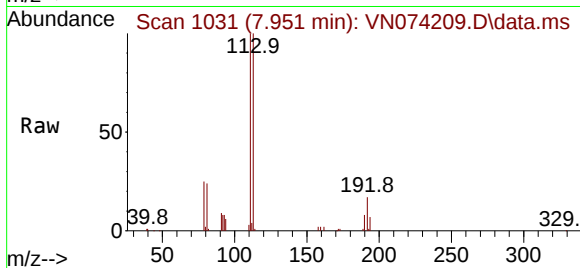
Tgt Ion:113 Resp: 125164

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 16.2 17.0 25.6#



#50

Toluene-d8

Concen: 46.097 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074209.D

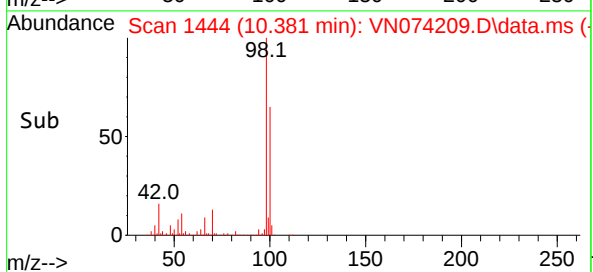
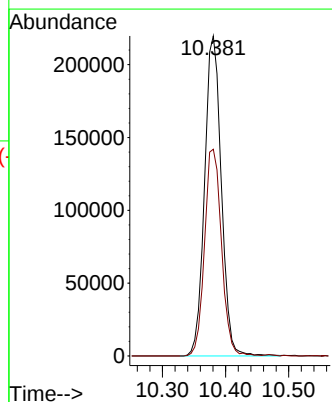
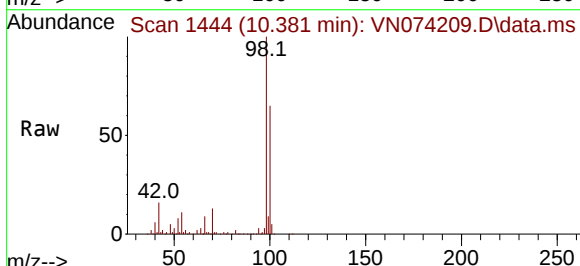
Acq: 31 Aug 2022 13:07

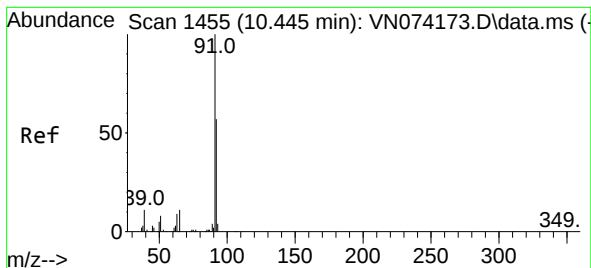
Tgt Ion: 98 Resp: 404628

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8





#52

Toluene

Concen: 1.926 ug/l

RT: 10.451 min Scan# 1455

Delta R.T. 0.006 min

Lab File: VN074209.D

Acq: 31 Aug 2022 13:07

Instrument :

MSVOA\_N

ClientSampleId :

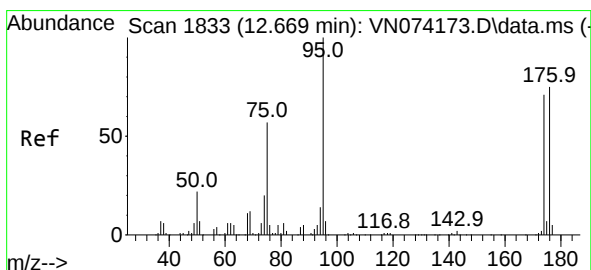
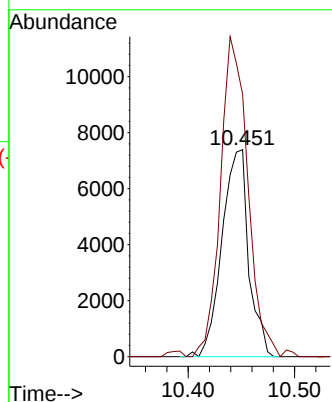
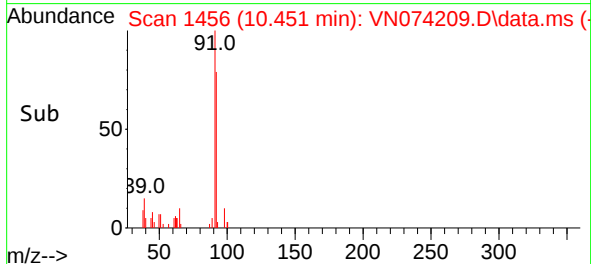
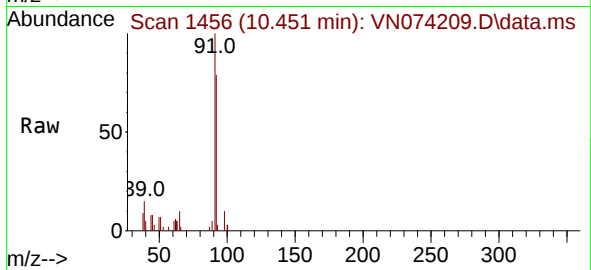
WH-1DL

Tgt Ion: 92 Resp: 12888

Ion Ratio Lower Upper

92 100

91 158.4 138.6 207.8



#62

4-Bromofluorobenzene

Concen: 58.355 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN074209.D

Acq: 31 Aug 2022 13:07

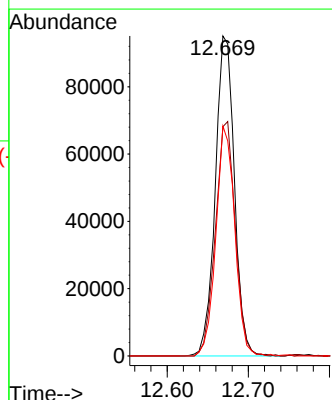
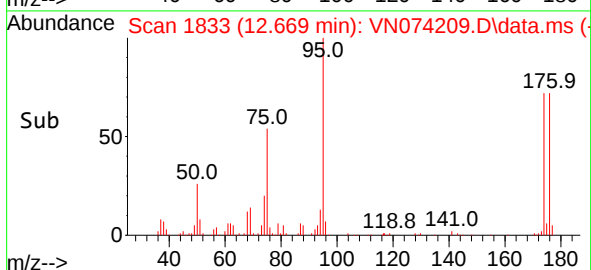
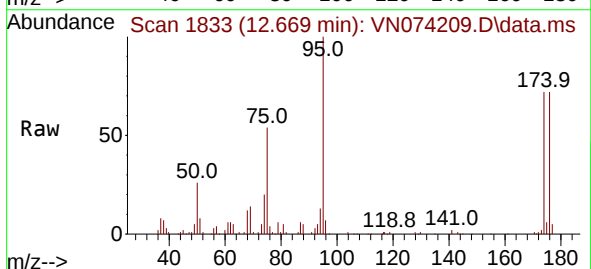
Tgt Ion: 95 Resp: 155768

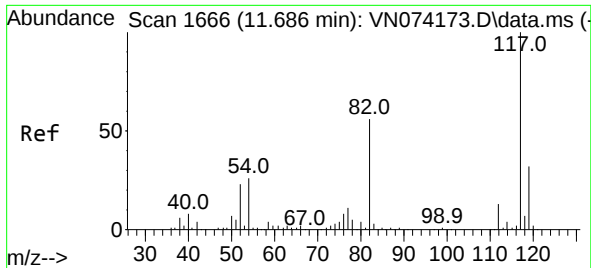
Ion Ratio Lower Upper

95 100

174 76.2 0.0 167.6

176 71.0 0.0 163.4

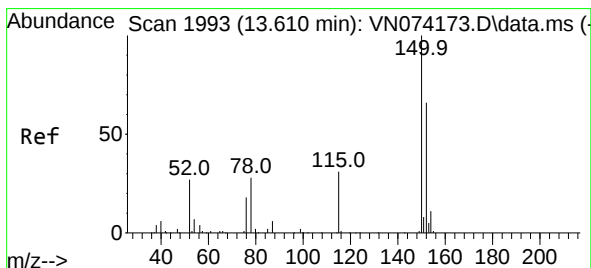
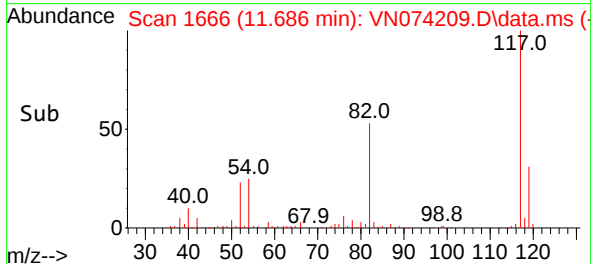
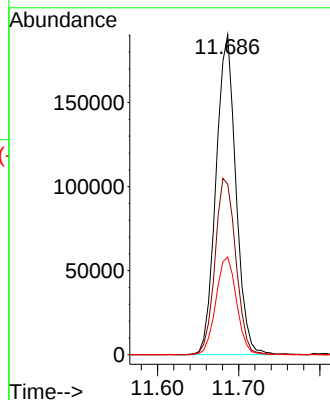
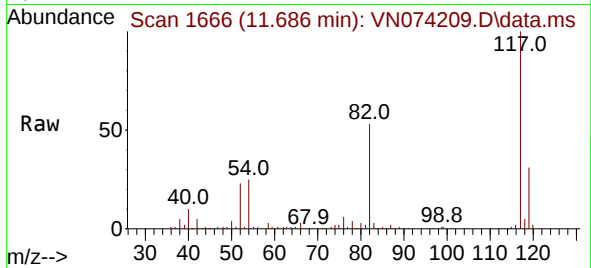




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN074209.D  
Acq: 31 Aug 2022 13:07

Instrument :  
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WH-1DL

Tgt Ion:117 Resp: 324269  
Ion Ratio Lower Upper  
117 100  
82 53.3 44.2 66.2  
119 30.5 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: VN074209.D  
Acq: 31 Aug 2022 13:07

Tgt Ion:152 Resp: 147373  
Ion Ratio Lower Upper  
152 100  
115 59.6 28.9 86.7  
150 161.1 0.0 356.2

