

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080222\  
 Data File : VN073698.D  
 Acq On : 02 Aug 2022 19:43  
 Operator : JC\MD  
 Sample : N3971-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-7R

Quant Time: Aug 03 02:10:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 29 02:20:25 2022  
 Response via : Initial Calibration

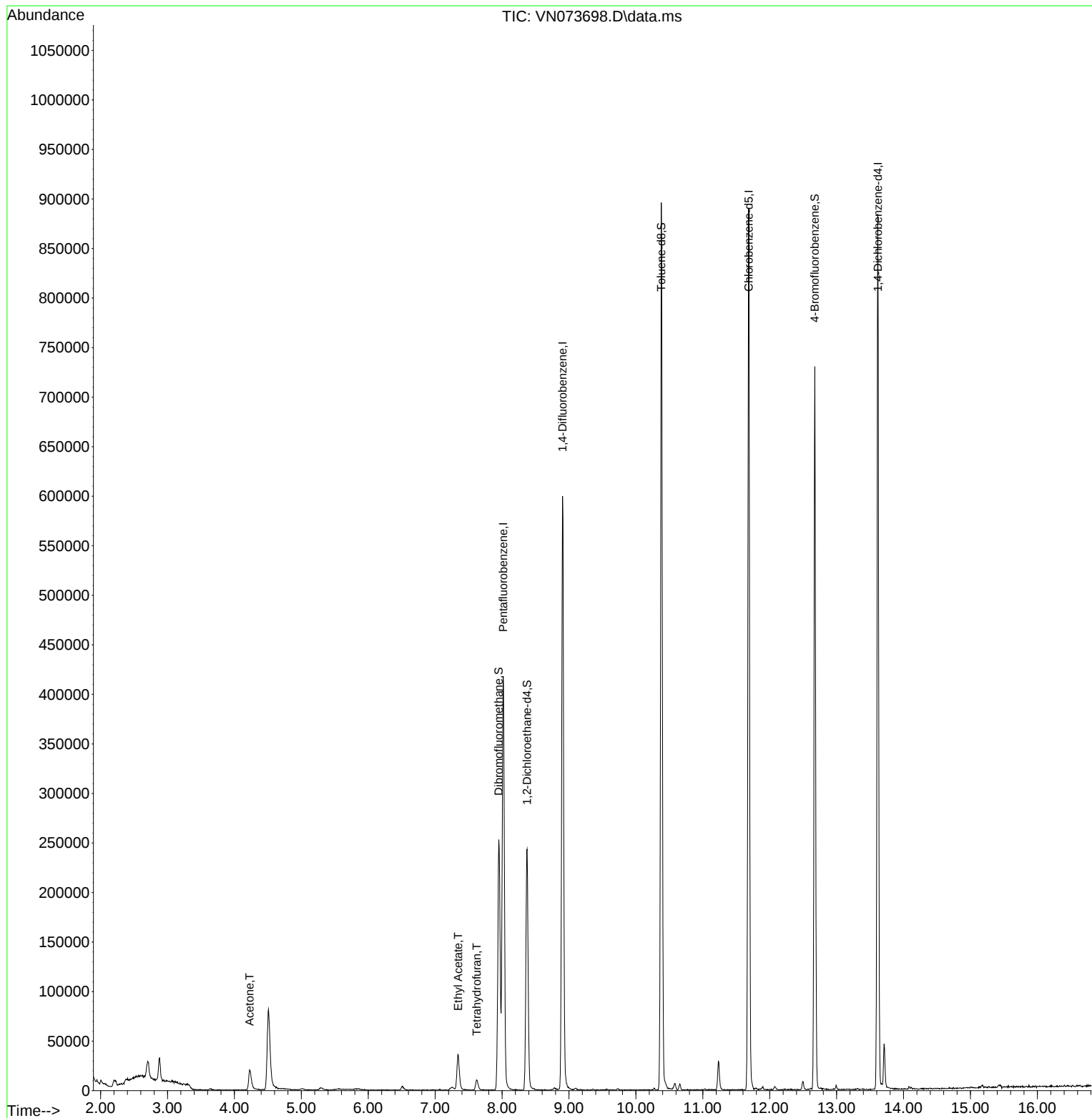
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.016  | 168   | 339450   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 548023   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.686 | 117   | 521586   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.615 | 152   | 247708   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.375  | 65    | 204254   | 49.376   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 98.760%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 188629   | 54.814   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 109.620% |
| 50) Toluene-d8              | 10.380 | 98    | 619131   | 45.720   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 91.440%  |
| 62) 4-Bromofluorobenzene    | 12.674 | 95    | 231940   | 51.057   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 102.120% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.228  | 43    | 37901    | 17.058   | ug/l   | 97       |
| 29) Tetrahydrofuran         | 7.622  | 42    | 7548     | 3.460    | ug/l   | 98       |
| 37) Ethyl Acetate           | 7.345  | 43    | 56281    | 8.713    | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

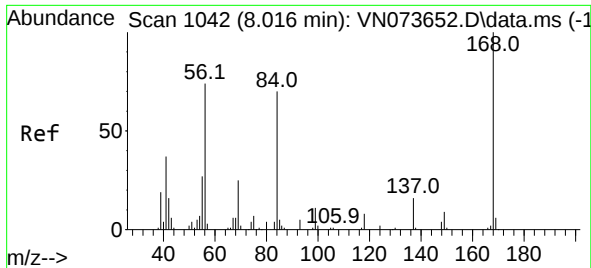
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 29 02:20:25 2022  
Response via : Initial Calibration

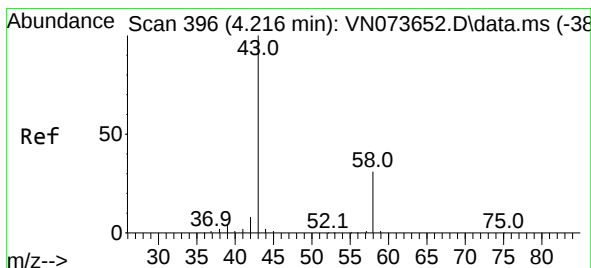
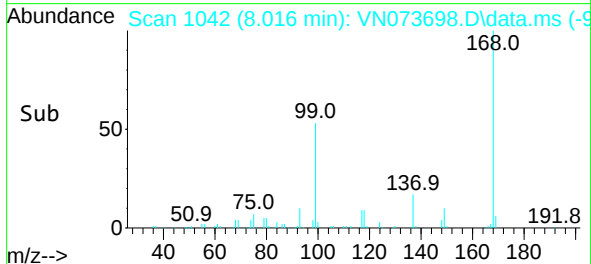
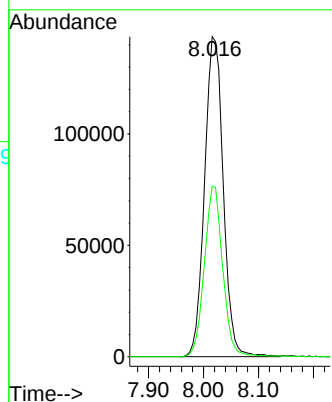
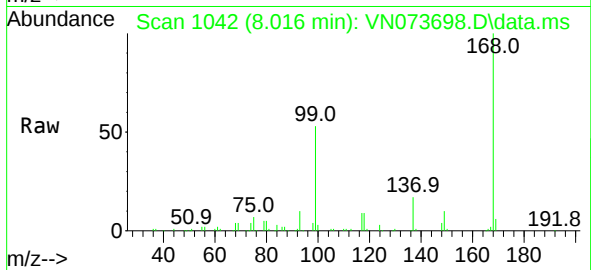




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073698.D  
Acq: 02 Aug 2022 19:43

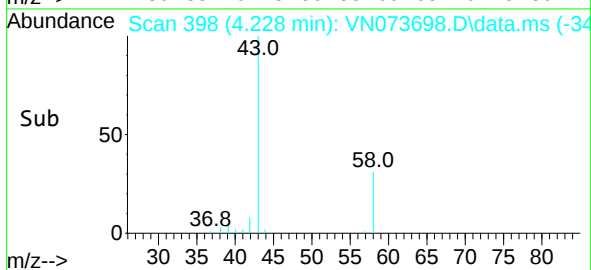
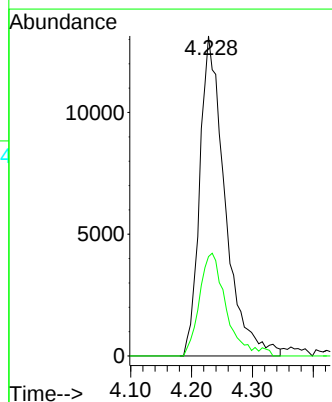
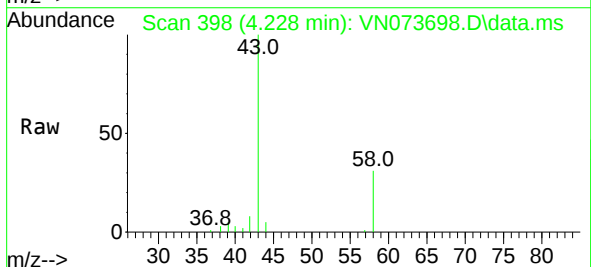
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-7R

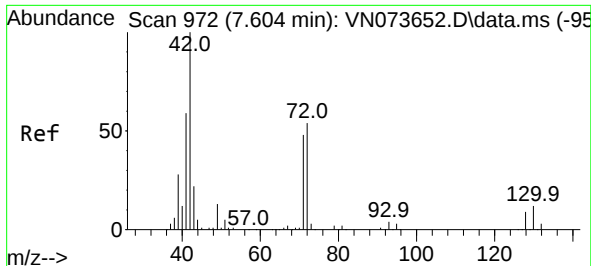
Tgt Ion:168 Resp: 339450  
Ion Ratio Lower Upper  
168 100  
99 53.2 42.3 63.5



#16  
Acetone  
Concen: 17.058 ug/l  
RT: 4.228 min Scan# 398  
Delta R.T. 0.006 min  
Lab File: VN073698.D  
Acq: 02 Aug 2022 19:43

Tgt Ion: 43 Resp: 37901  
Ion Ratio Lower Upper  
43 100  
58 31.1 26.0 39.0





#29

Tetrahydrofuran

Concen: 3.460 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073698.D

Acq: 02 Aug 2022 19:43

Instrument :

MSVOA\_N

ClientSampleId :

MW-7R

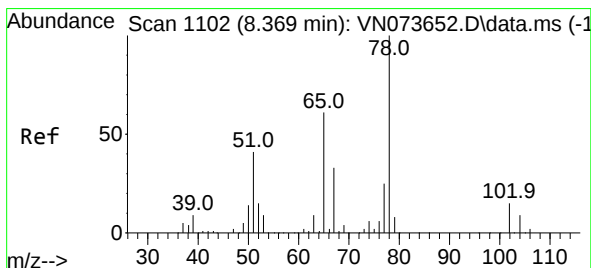
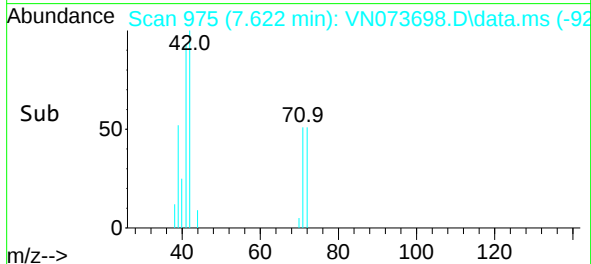
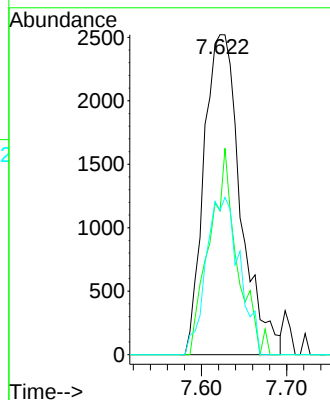
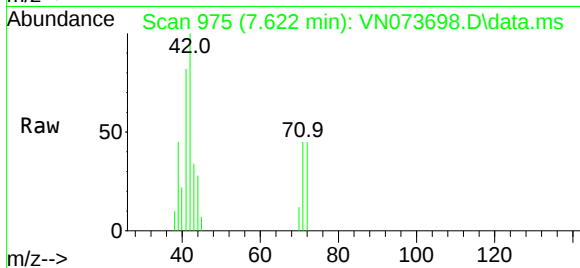
Tgt Ion: 42 Resp: 7548

Ion Ratio Lower Upper

42 100

72 48.1 39.7 59.5

71 44.8 36.6 55.0



#33

1,2-Dichloroethane-d4

Concen: 49.376 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073698.D

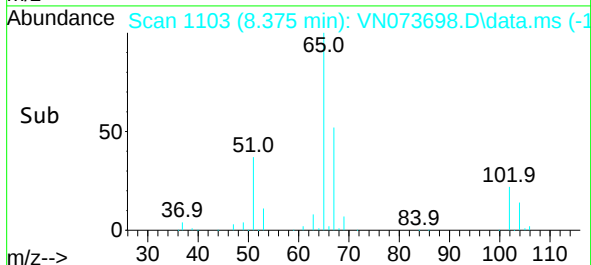
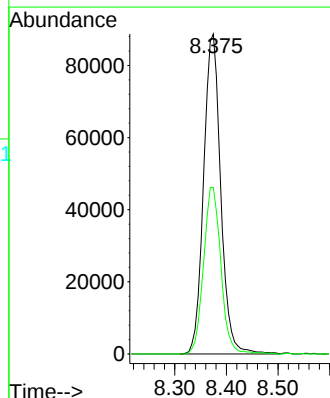
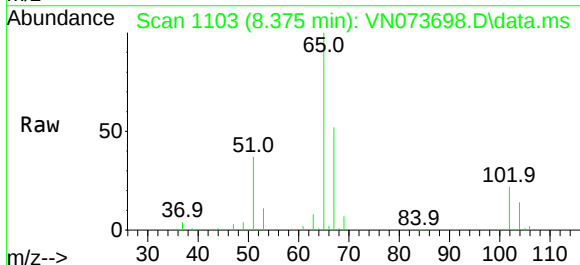
Acq: 02 Aug 2022 19:43

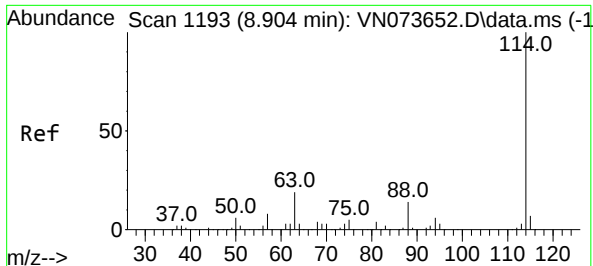
Tgt Ion: 65 Resp: 204254

Ion Ratio Lower Upper

65 100

67 52.6 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: VN073698.D

Acq: 02 Aug 2022 19:43

Instrument :

MSVOA\_N

ClientSampleId :

MW-7R

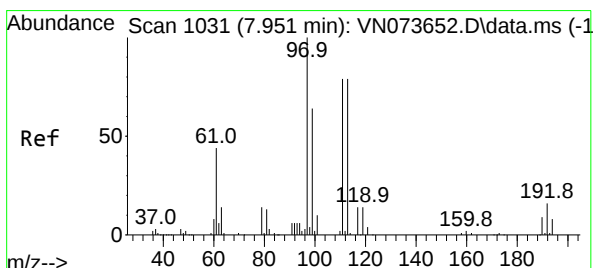
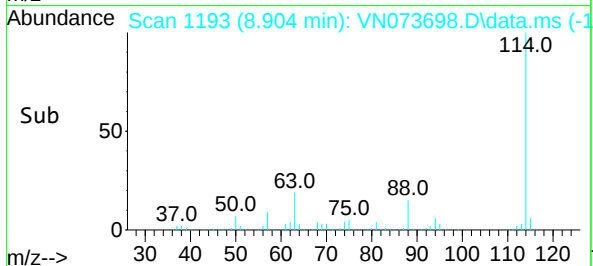
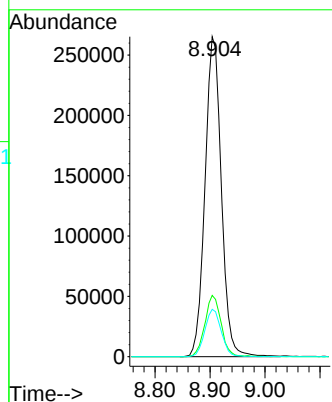
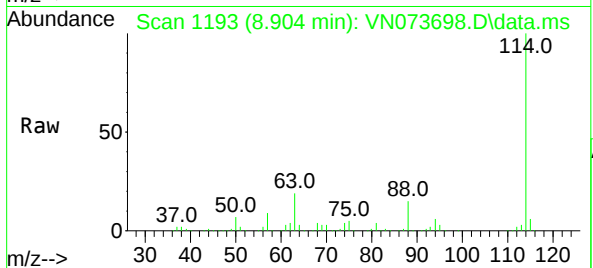
Tgt Ion:114 Resp: 548023

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.814 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073698.D

Acq: 02 Aug 2022 19:43

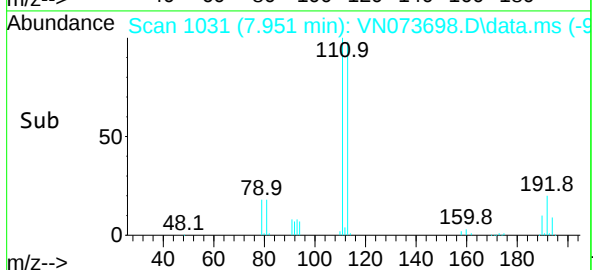
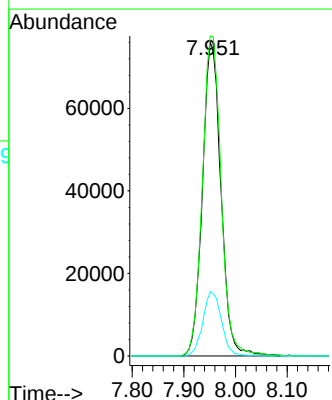
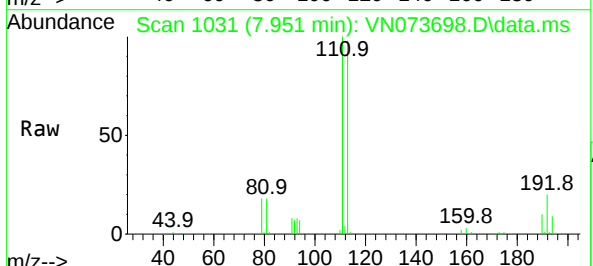
Tgt Ion:113 Resp: 188629

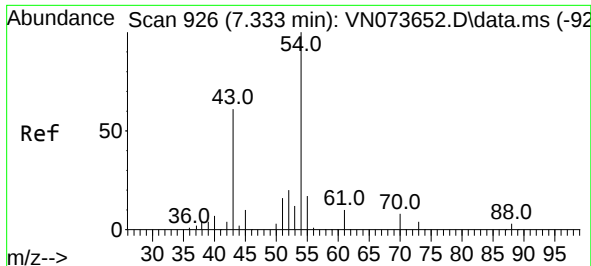
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 20.6 17.0 25.6

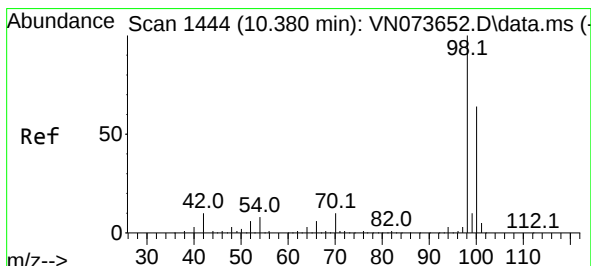
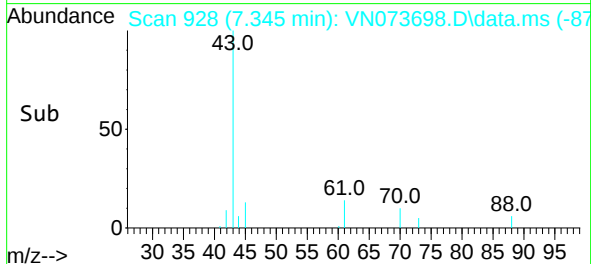
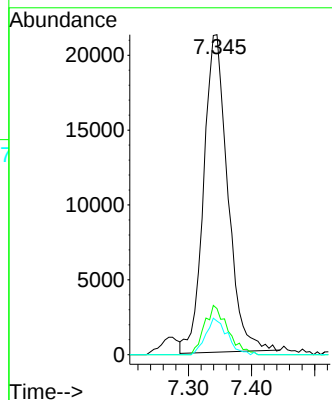
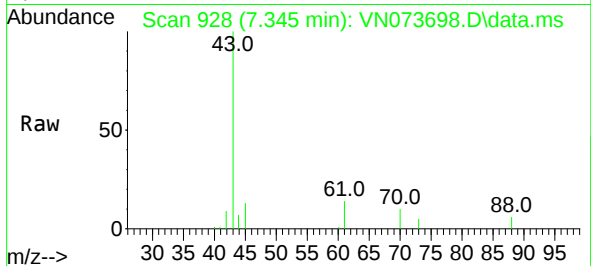




#37  
Ethyl Acetate  
Concen: 8.713 ug/l  
RT: 7.345 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN073698.D  
Acq: 02 Aug 2022 19:43

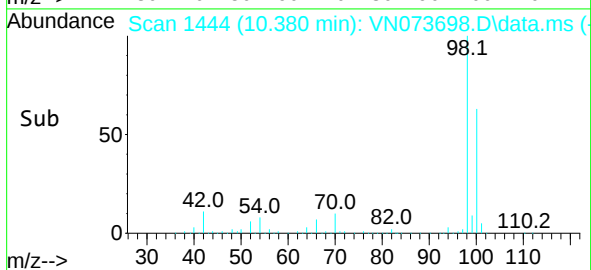
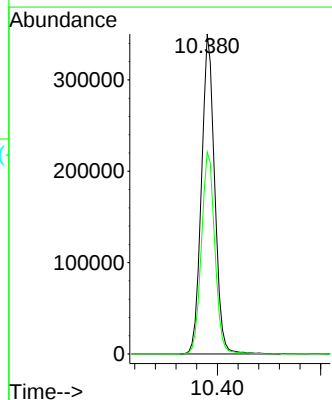
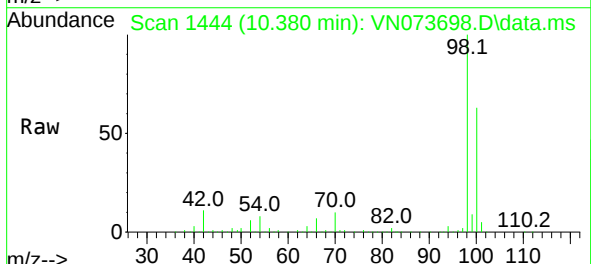
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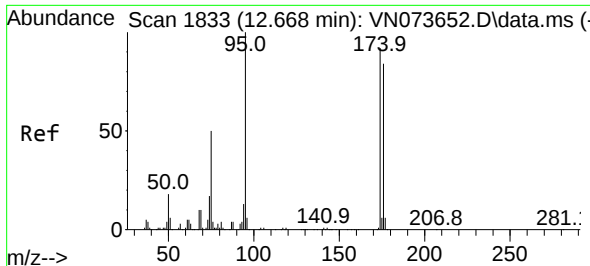
Tgt Ion: 43 Resp: 56281  
Ion Ratio Lower Upper  
43 100  
61 15.0 11.8 17.6  
70 10.3 9.3 13.9



#50  
Toluene-d8  
Concen: 45.720 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN073698.D  
Acq: 02 Aug 2022 19:43

Tgt Ion: 98 Resp: 619131  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.6 78.8

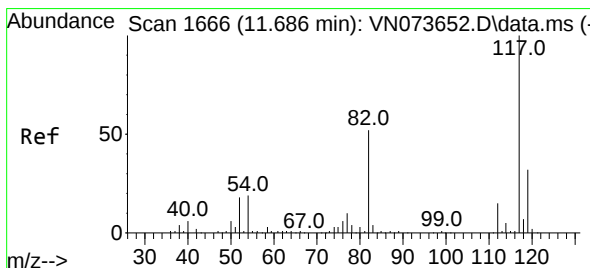
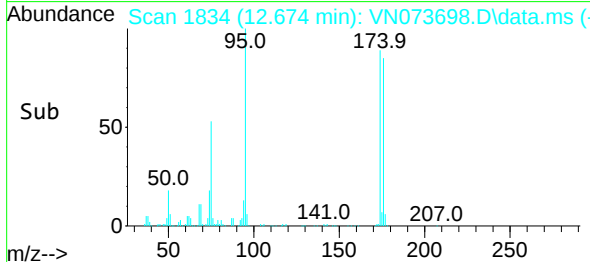
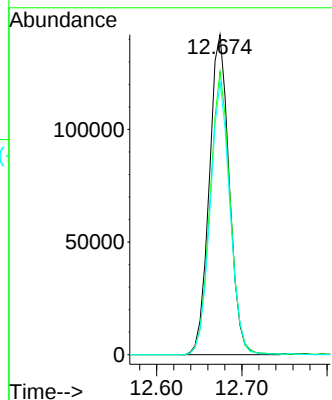
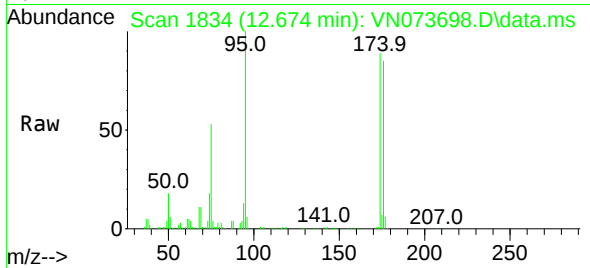




#62  
4-Bromofluorobenzene  
Concen: 51.057 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN073698.D  
Acq: 02 Aug 2022 19:43

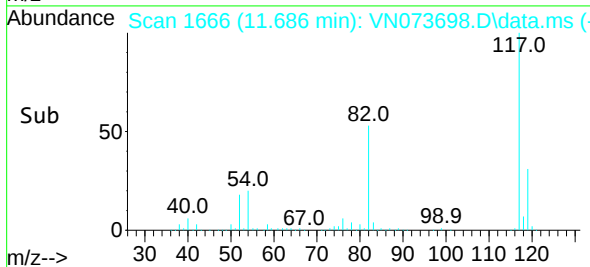
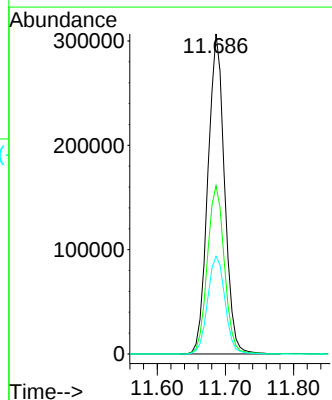
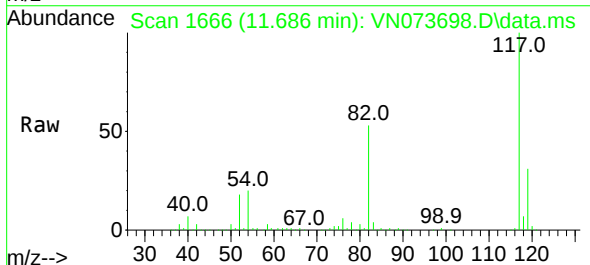
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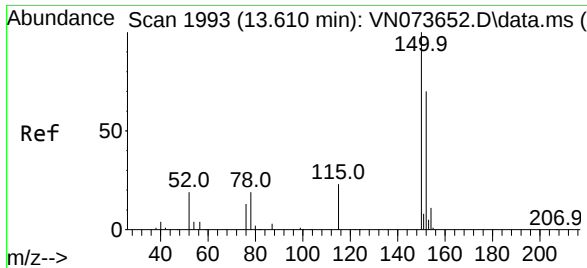
Tgt Ion: 95 Resp: 231940  
Ion Ratio Lower Upper  
95 100  
174 89.0 0.0 167.6  
176 84.4 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: VN073698.D  
Acq: 02 Aug 2022 19:43

Tgt Ion: 117 Resp: 521586  
Ion Ratio Lower Upper  
117 100  
82 52.6 44.2 66.2  
119 30.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VN073698.D

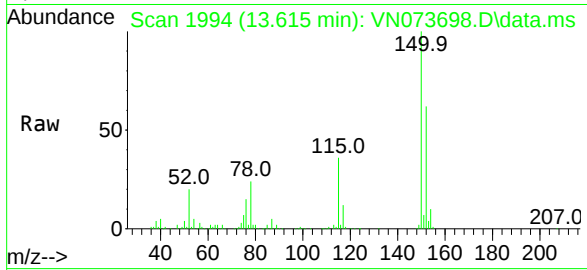
Acq: 02 Aug 2022 19:43

Instrument :

MSVOA\_N

ClientSampleId :

MW-7R



Tgt Ion:152 Resp: 247708

Ion Ratio Lower Upper

152 100

115 57.4 28.9 86.7

150 156.8 0.0 356.2

