

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080222\  
 Data File : VN073680.D  
 Acq On : 02 Aug 2022 12:20  
 Operator : JC\MD  
 Sample : N3971-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-1R

Quant Time: Aug 03 02:04:11 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

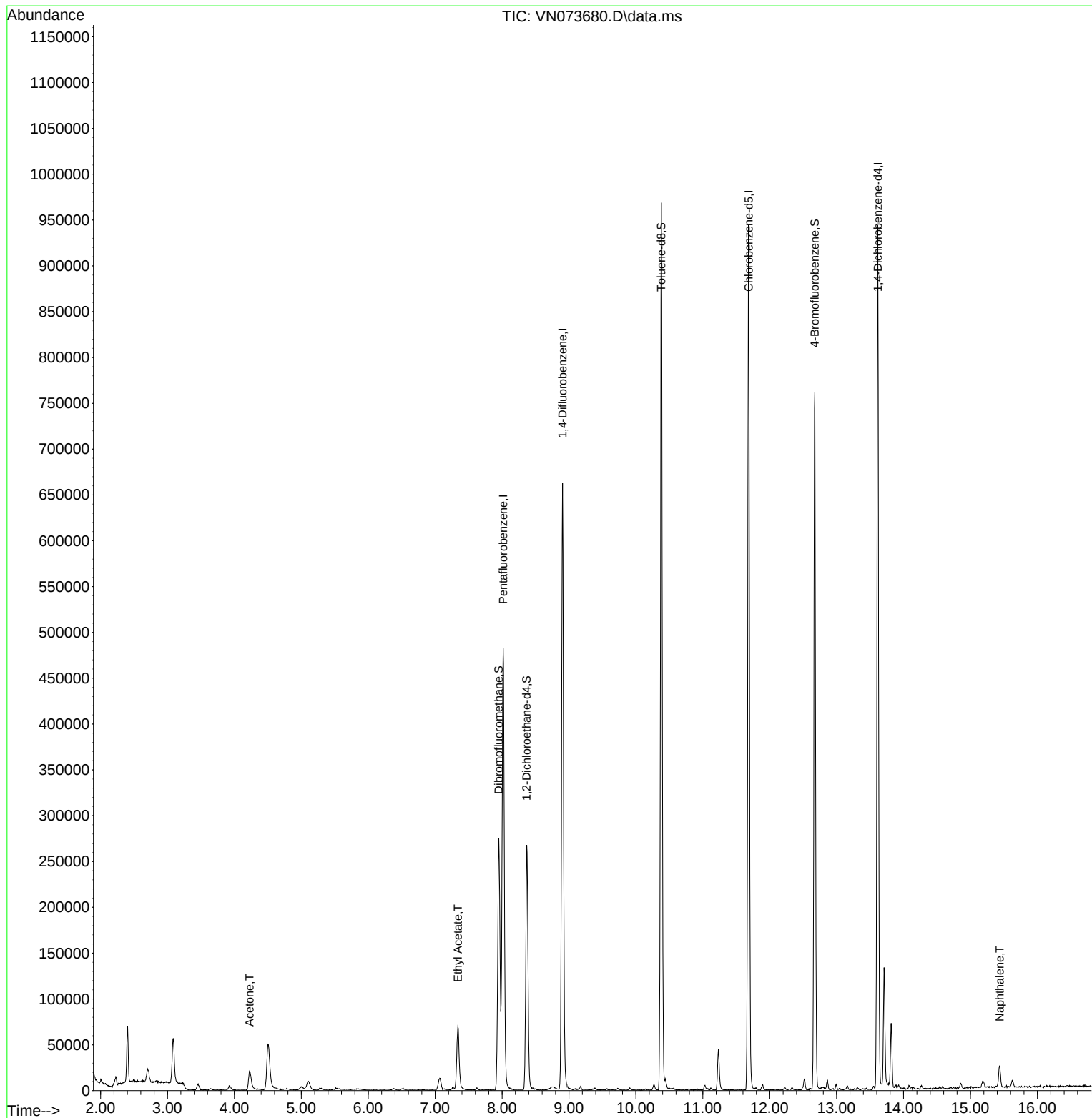
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.016  | 168   | 379427   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 604412   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.686 | 117   | 565696   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.615 | 152   | 273007   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 218878   | 47.336   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 94.680%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 205460   | 54.135   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 108.280% |
| 50) Toluene-d8              | 10.380 | 98    | 680332   | 45.553   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 91.100%  |
| 62) 4-Bromofluorobenzene    | 12.674 | 95    | 252569   | 50.516   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 101.040% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.228  | 43    | 40637    | 16.362   | ug/l   | 97       |
| 37) Ethyl Acetate           | 7.339  | 43    | 106354   | 14.929   | ug/l   | 98       |
| 95) Naphthalene             | 15.439 | 128   | 25646    | 1.653    | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

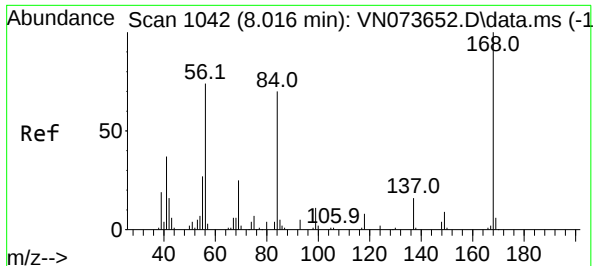
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

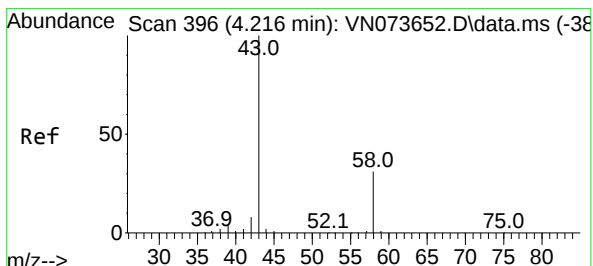
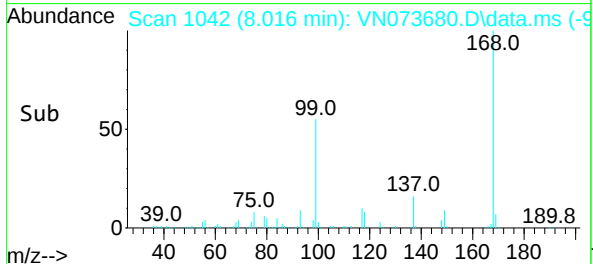
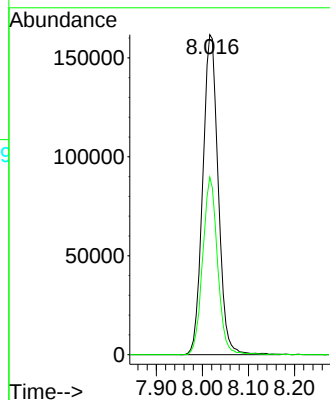
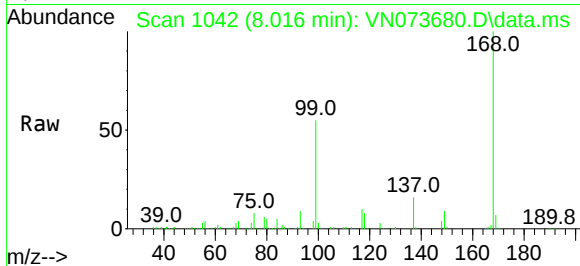




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073680.D  
Acq: 02 Aug 2022 12:20

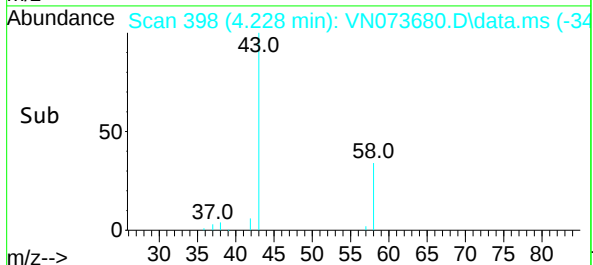
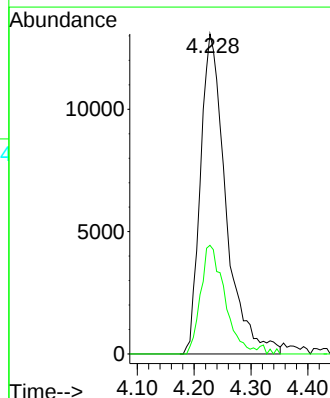
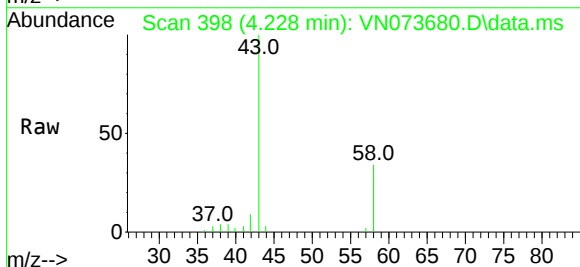
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-1R

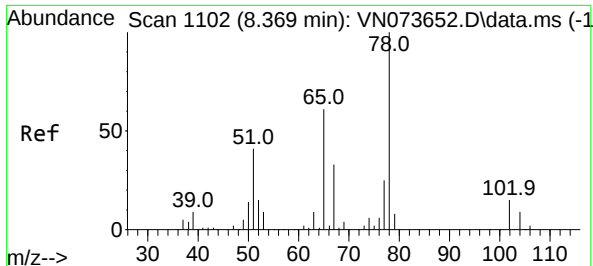
Tgt Ion:168 Resp: 379427  
Ion Ratio Lower Upper  
168 100  
99 55.4 42.3 63.5



#16  
Acetone  
Concen: 16.362 ug/l  
RT: 4.228 min Scan# 398  
Delta R.T. 0.006 min  
Lab File: VN073680.D  
Acq: 02 Aug 2022 12:20

Tgt Ion: 43 Resp: 40637  
Ion Ratio Lower Upper  
43 100  
58 34.0 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 47.336 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073680.D

Acq: 02 Aug 2022 12:20

Instrument :

MSVOA\_N

ClientSampleId :

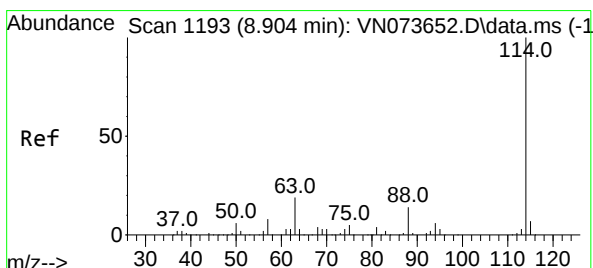
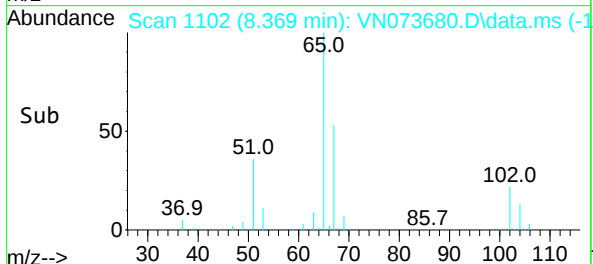
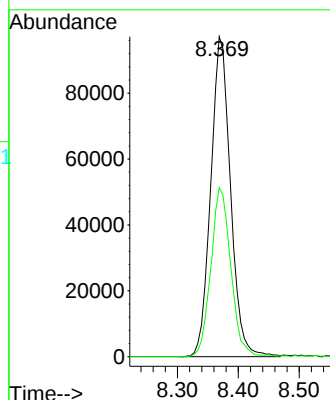
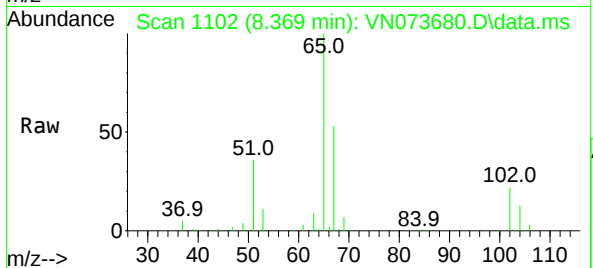
MW-1R

Tgt Ion: 65 Resp: 218878

Ion Ratio Lower Upper

65 100

67 53.5 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: VN073680.D

Acq: 02 Aug 2022 12:20

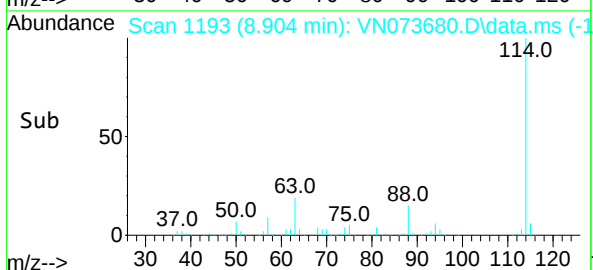
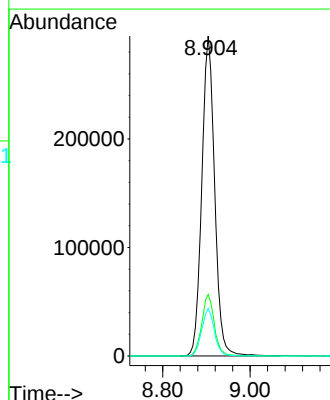
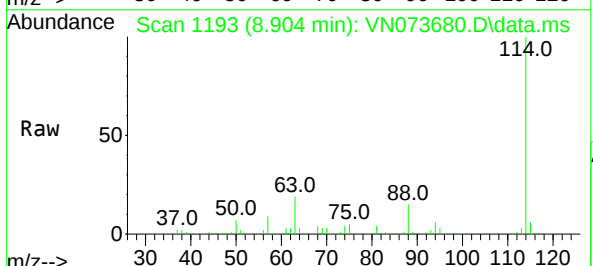
Tgt Ion: 114 Resp: 604412

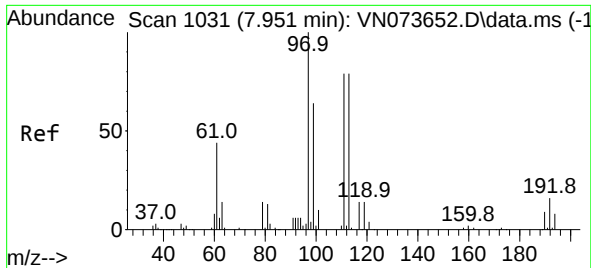
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 14.8 0.0 32.6

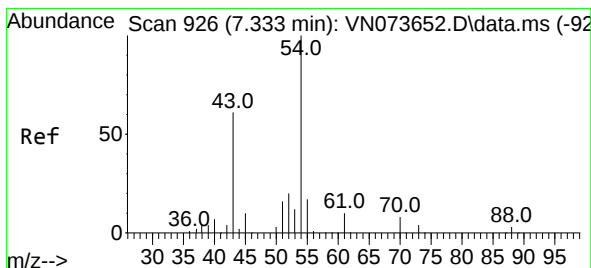
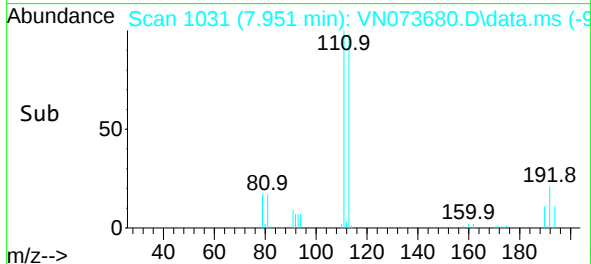
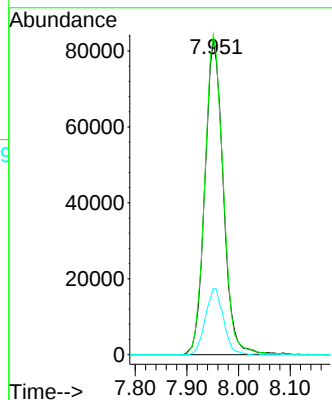
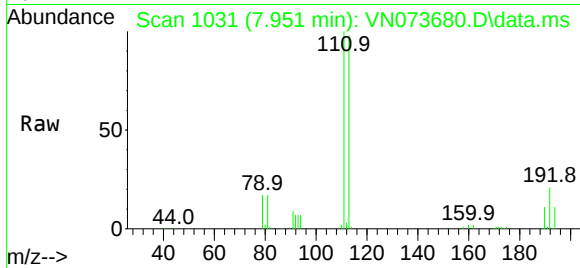




#35  
Dibromofluoromethane  
Concen: 54.135 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VN073680.D  
Acq: 02 Aug 2022 12:20

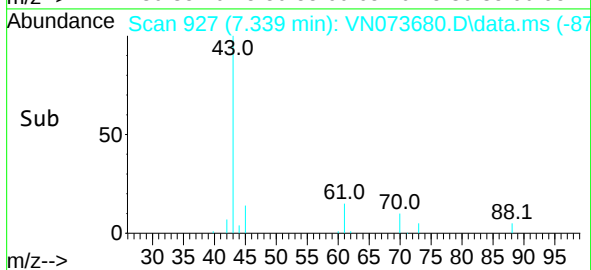
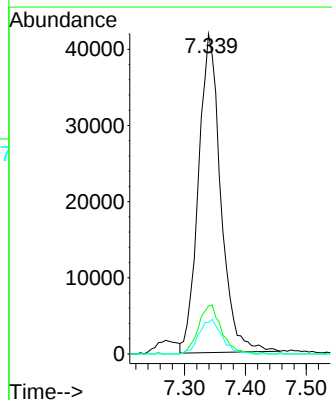
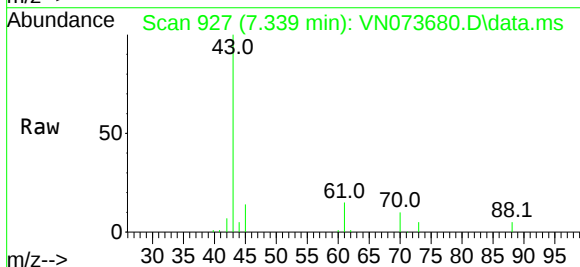
Instrument :  
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ClientSampleId :  
MW-1R

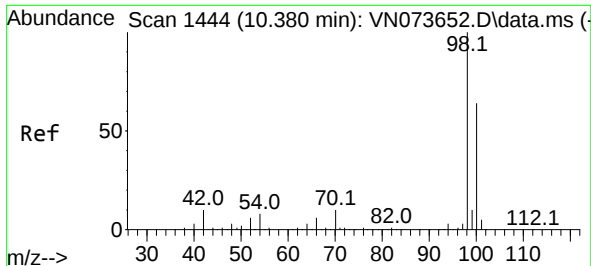
Tgt Ion:113 Resp: 205460  
Ion Ratio Lower Upper  
113 100  
111 101.3 81.4 122.0  
192 20.6 17.0 25.6



#37  
Ethyl Acetate  
Concen: 14.929 ug/l  
RT: 7.339 min Scan# 927  
Delta R.T. -0.000 min  
Lab File: VN073680.D  
Acq: 02 Aug 2022 12:20

Tgt Ion: 43 Resp: 106354  
Ion Ratio Lower Upper  
43 100  
61 15.8 11.8 17.6  
70 11.1 9.3 13.9

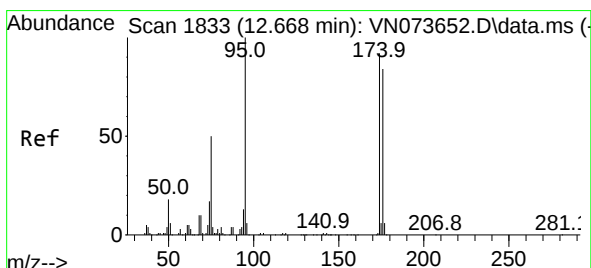
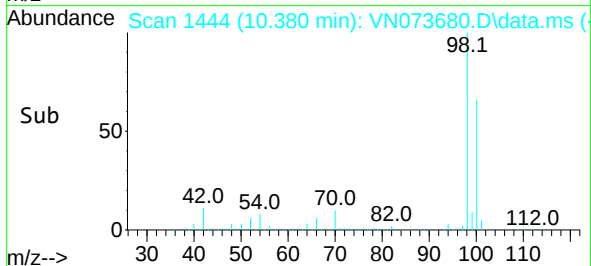
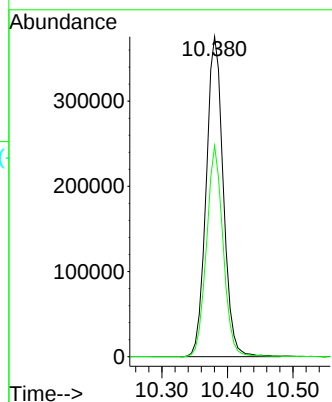
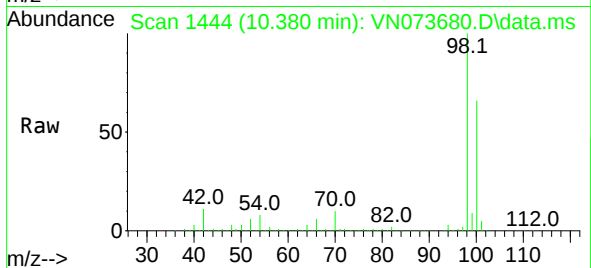




#50  
Toluene-d8  
Concen: 45.553 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN073680.D  
Acq: 02 Aug 2022 12:20

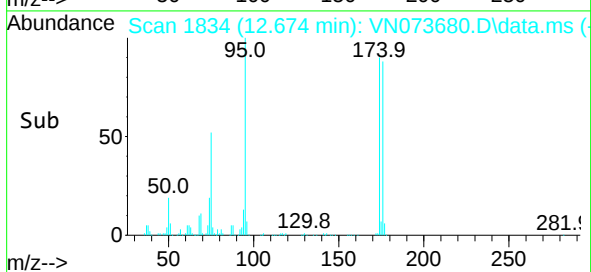
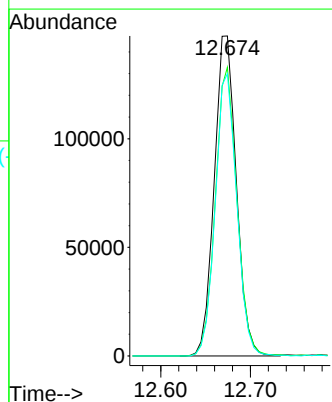
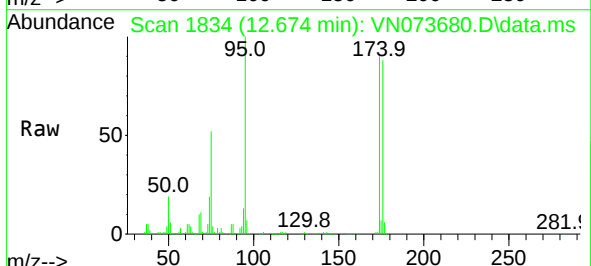
Instrument :  
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ClientSampleId :  
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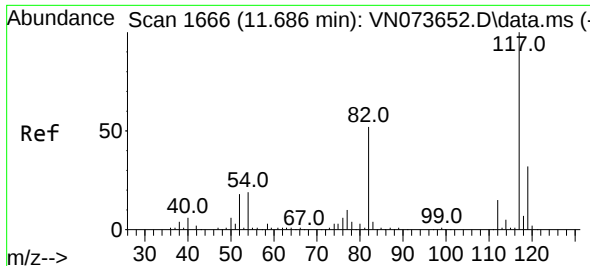
Tgt Ion: 98 Resp: 680332  
Ion Ratio Lower Upper  
98 100  
100 64.1 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 50.516 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN073680.D  
Acq: 02 Aug 2022 12:20

Tgt Ion: 95 Resp: 252569  
Ion Ratio Lower Upper  
95 100  
174 87.9 0.0 167.6  
176 85.5 0.0 163.4

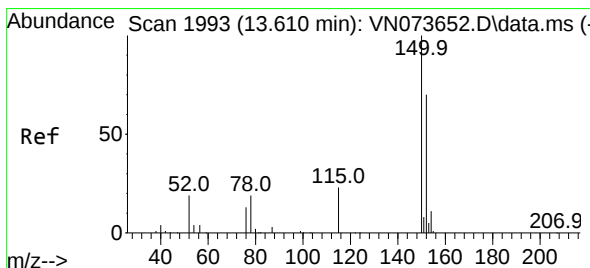
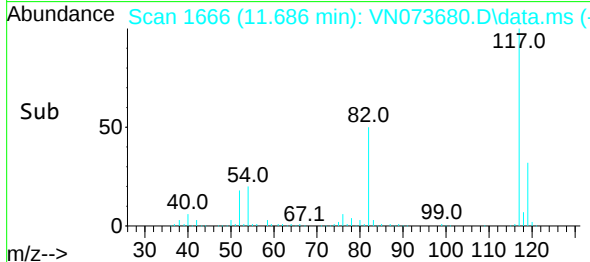
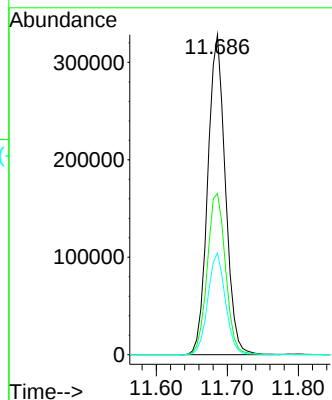
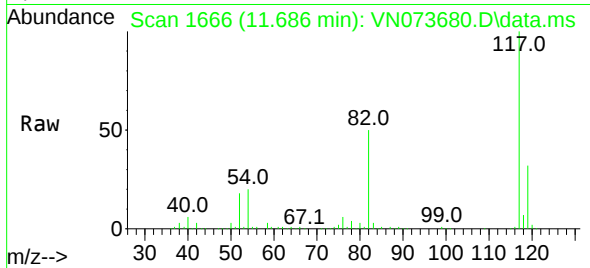




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN073680.D  
Acq: 02 Aug 2022 12:20

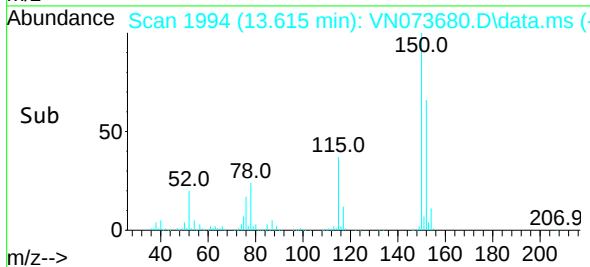
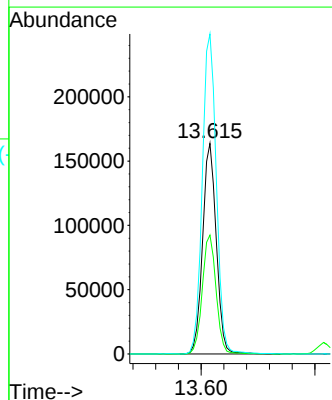
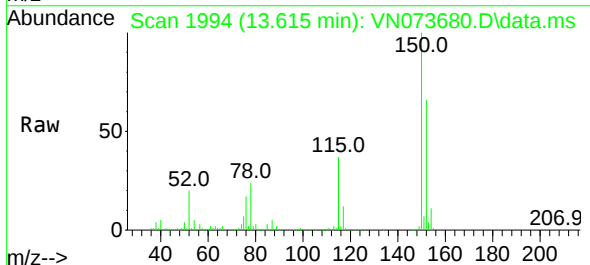
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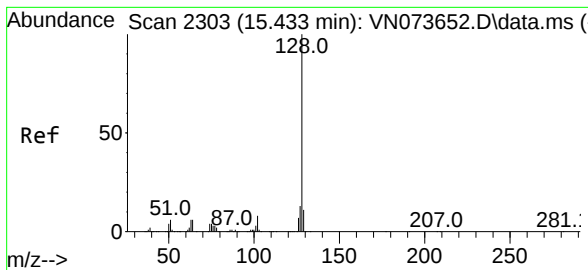
Tgt Ion:117 Resp: 565696  
Ion Ratio Lower Upper  
117 100  
82 50.4 44.2 66.2  
119 31.8 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.615 min Scan# 1994  
Delta R.T. -0.000 min  
Lab File: VN073680.D  
Acq: 02 Aug 2022 12:20

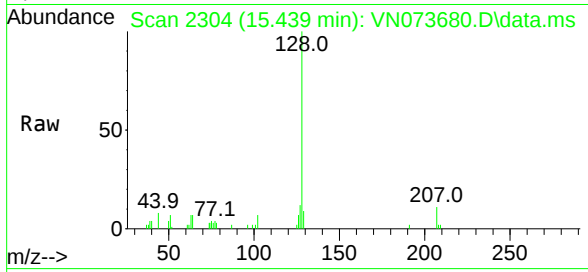
Tgt Ion:152 Resp: 273007  
Ion Ratio Lower Upper  
152 100  
115 57.0 28.9 86.7  
150 156.0 0.0 356.2





#95  
Naphthalene  
Concen: 1.653 ug/l  
RT: 15.439 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN073680.D  
Acq: 02 Aug 2022 12:20

Instrument :  
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ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 25646 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.7  | 10.3  | 15.5  |
| 129      | 10.2  | 8.6   | 13.0  |

