

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051322\  
 Data File : VN072484.D  
 Acq On : 13 May 2022 18:02  
 Operator : JC\MD  
 Sample : N2800-06  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-16

Quant Time: May 14 02:37:31 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051022W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 10 15:43:28 2022  
 Response via : Initial Calibration

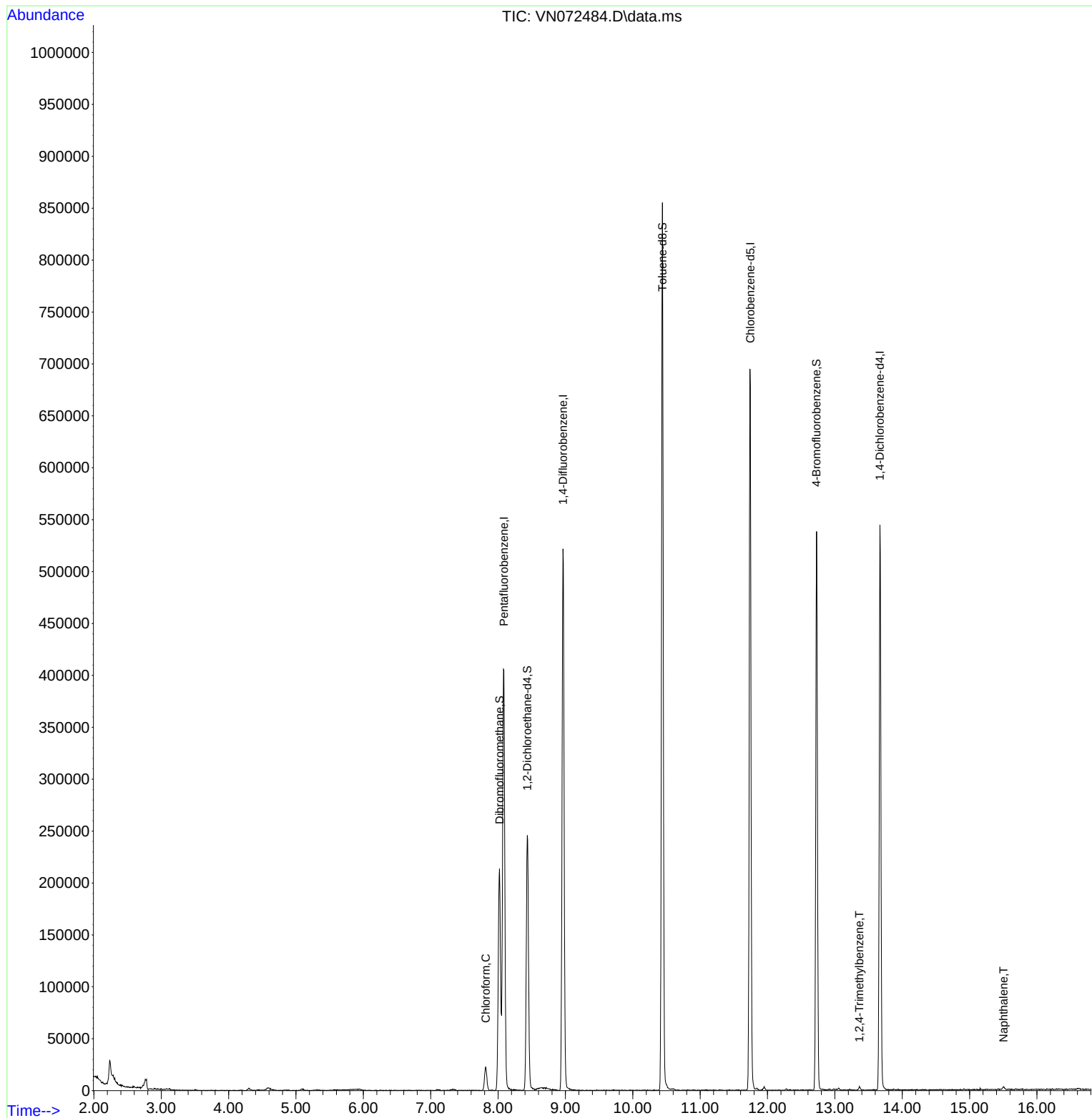
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.086  | 168   | 300857   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 450292   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.745 | 117   | 398378   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668 | 152   | 146165   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 227304   | 49.327   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 98.660%  |
| 35) Dibromofluoromethane    | 8.022  | 113   | 154548   | 51.589   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 103.180% |
| 50) Toluene-d8              | 10.439 | 98    | 573318   | 50.249   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 100.500% |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 179739   | 47.435   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 94.880%  |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 30) Chloroform              | 7.816  | 83    | 22663    | 3.446    | ug/l  | 93       |
| 84) 1,2,4-Trimethylbenzene  | 13.363 | 105   | 2418     | 0.251    | ug/l  | 100      |
| 95) Naphthalene             | 15.504 | 128   | 4085     | 3.724    | ug/l  | # 80     |
| -----                       |        |       |          |          |       |          |

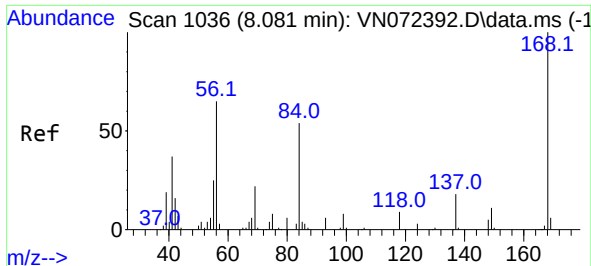
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_N  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051022W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 10 15:43:28 2022  
Response via : Initial Calibration

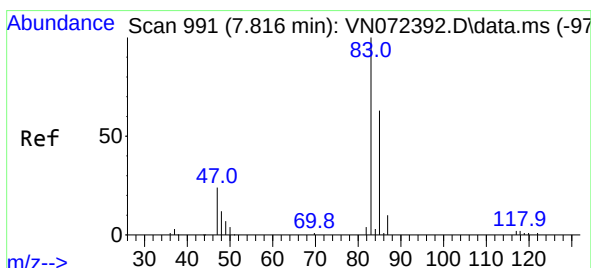
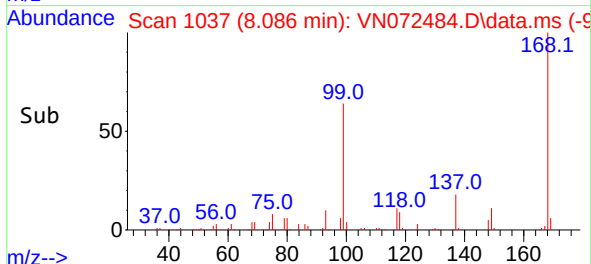
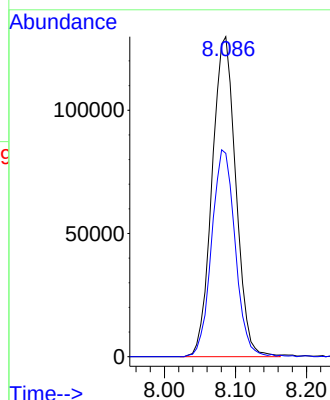
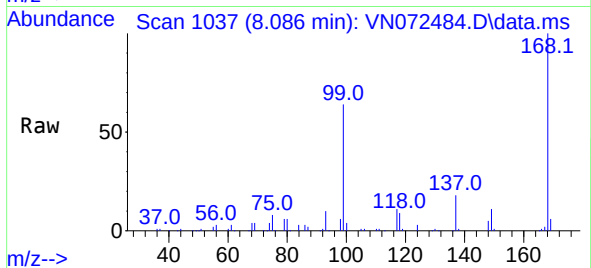




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 1036  
Delta R.T. 0.005 min  
Lab File: VN072484.D  
Acq: 13 May 2022 18:02

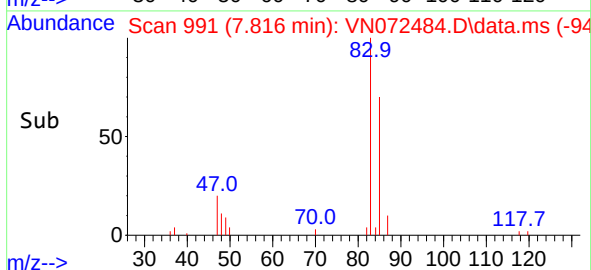
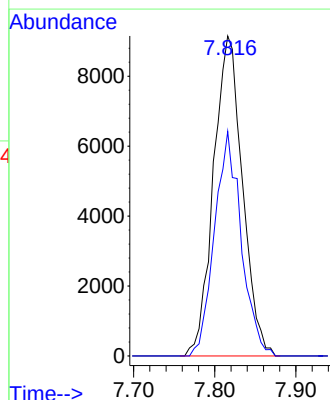
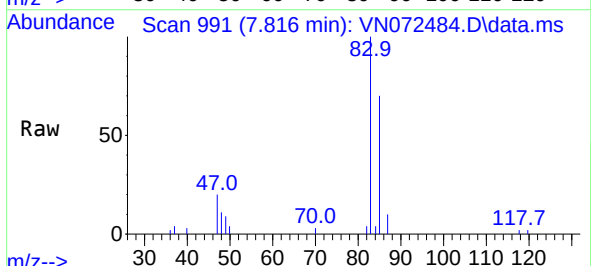
Instrument :  
MSVOA\_N  
ClientSampleId :  
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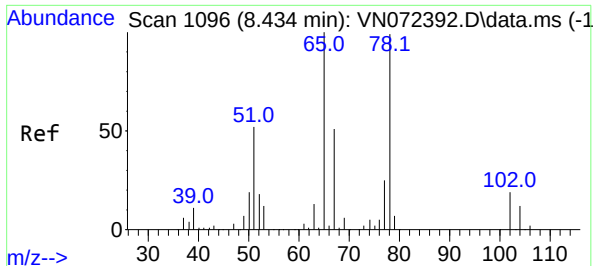
Tgt Ion:168 Resp: 300857  
Ion Ratio Lower Upper  
168 100  
99 63.5 42.3 63.5#



#30  
Chloroform  
Concen: 3.446 ug/l  
RT: 7.816 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VN072484.D  
Acq: 13 May 2022 18:02

Tgt Ion: 83 Resp: 22663  
Ion Ratio Lower Upper  
83 100  
85 70.1 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 49.327 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072484.D

Acq: 13 May 2022 18:02

Instrument :

MSVOA\_N

ClientSampleId :

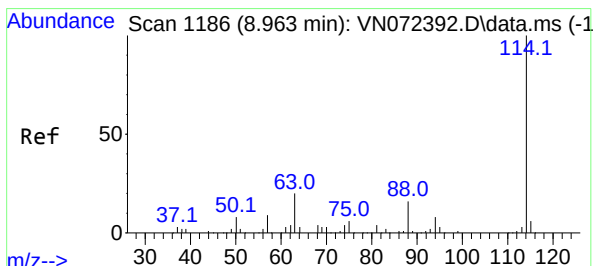
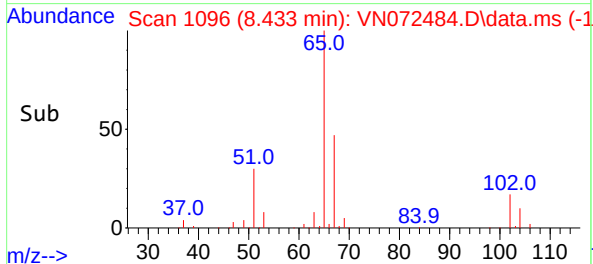
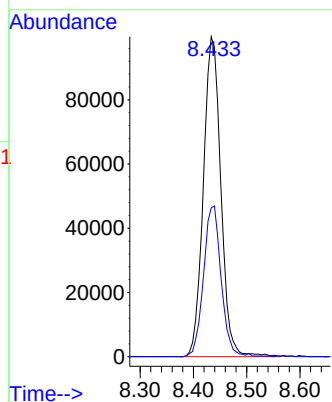
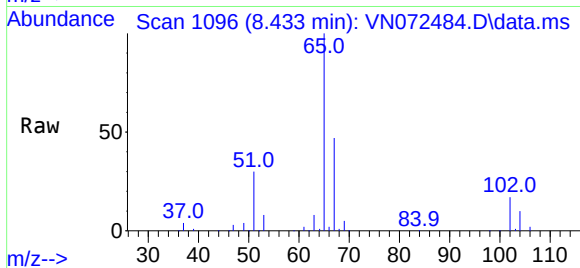
MW-16

Tgt Ion: 65 Resp: 227304

Ion Ratio Lower Upper

65 100

67 47.4 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: VN072484.D

Acq: 13 May 2022 18:02

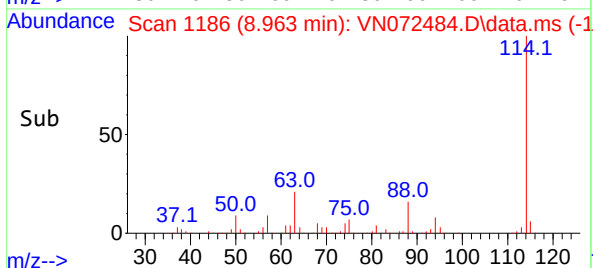
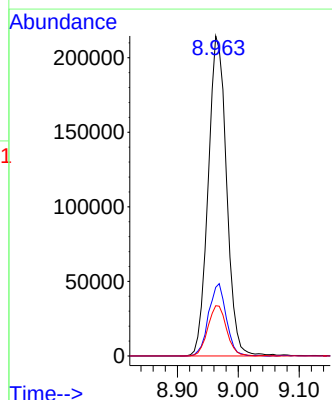
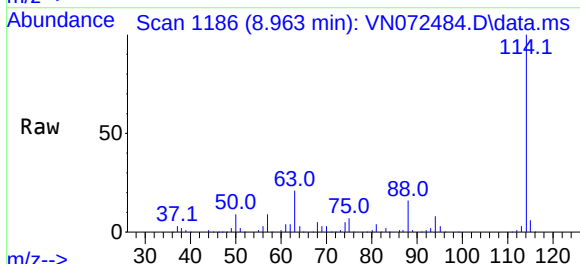
Tgt Ion: 114 Resp: 450292

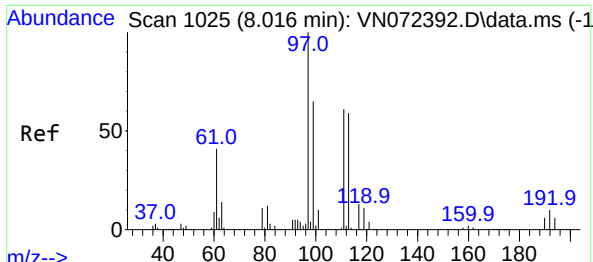
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.7 0.0 32.6

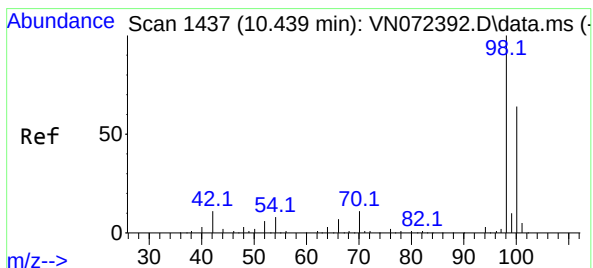
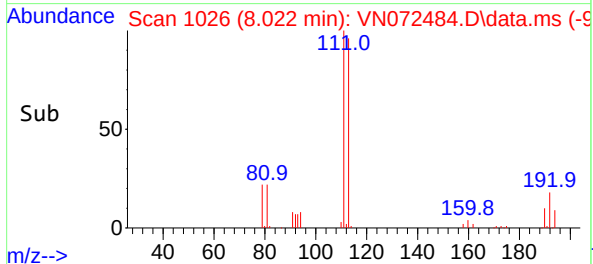
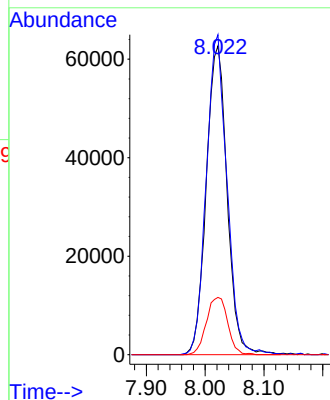
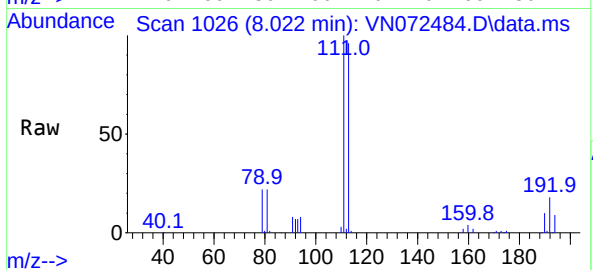




#35  
Dibromofluoromethane  
Concen: 51.589 ug/l  
RT: 8.022 min Scan# 1026  
Delta R.T. 0.006 min  
Lab File: VN072484.D  
Acq: 13 May 2022 18:02

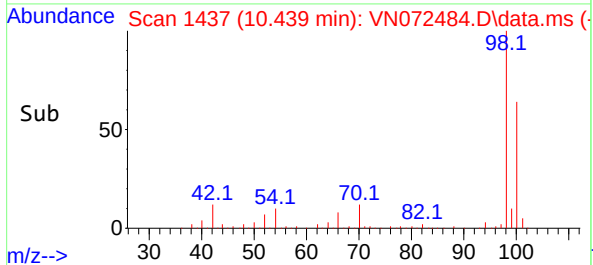
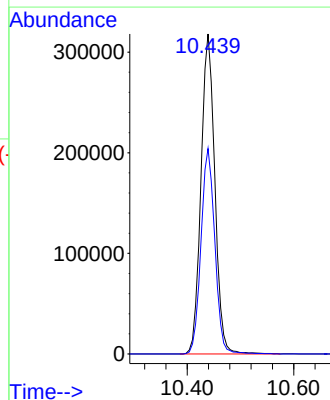
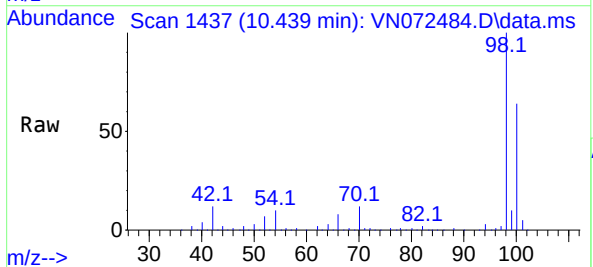
Instrument :  
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ClientSampleId :  
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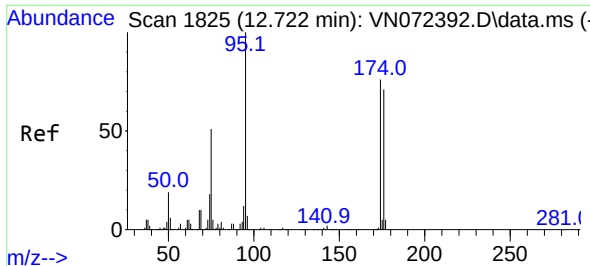
Tgt Ion:113 Resp: 154548  
Ion Ratio Lower Upper  
113 100  
111 102.6 81.4 122.0  
192 19.0 17.0 25.6



#50  
Toluene-d8  
Concen: 50.249 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072484.D  
Acq: 13 May 2022 18:02

Tgt Ion: 98 Resp: 573318  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.6 78.8

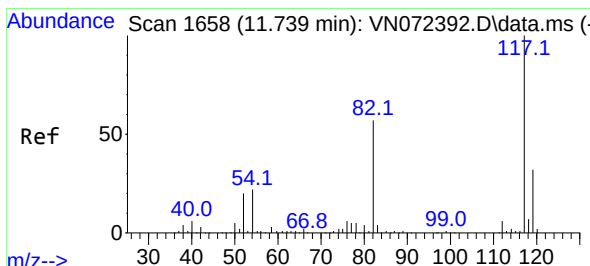
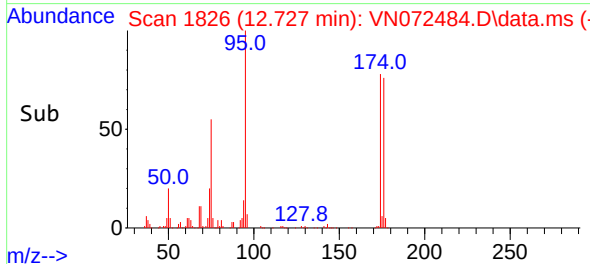
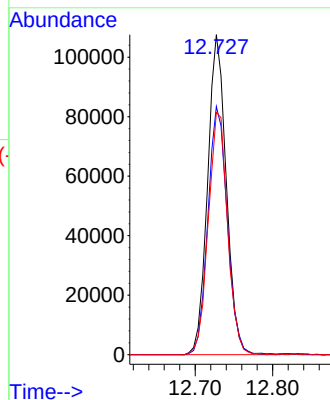
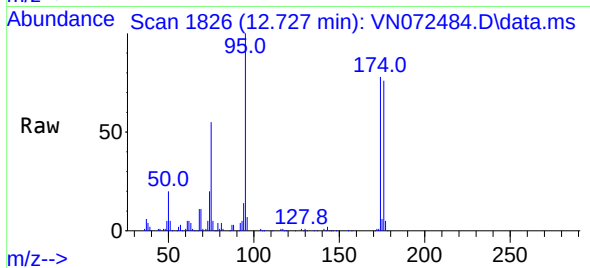




#62  
4-Bromofluorobenzene  
Concen: 47.435 ug/l  
RT: 12.727 min Scan# 1825  
Delta R.T. 0.005 min  
Lab File: VN072484.D  
Acq: 13 May 2022 18:02

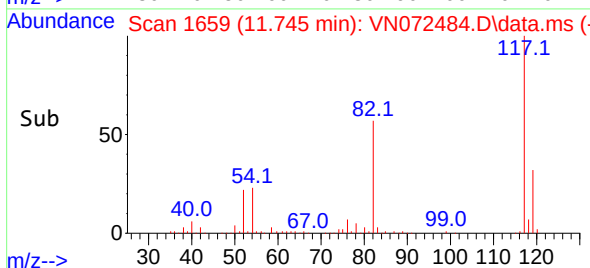
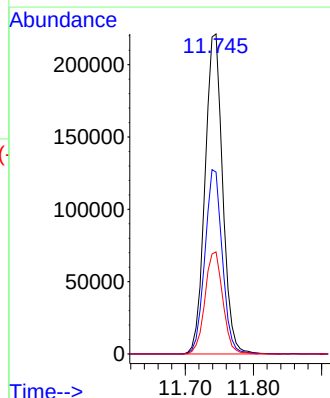
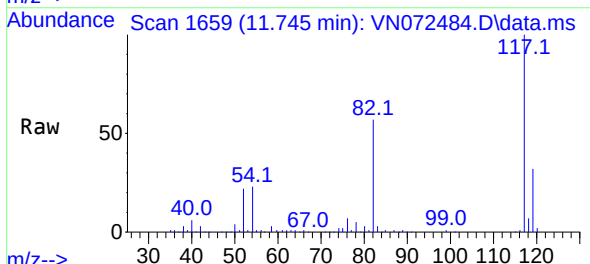
Instrument :  
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ClientSampleId :  
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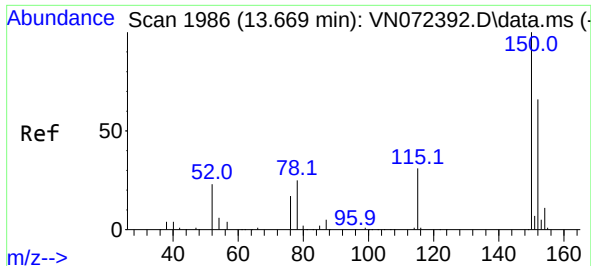
Tgt Ion: 95 Resp: 179739  
Ion Ratio Lower Upper  
95 100  
174 80.7 0.0 167.6  
176 78.1 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.745 min Scan# 1659  
Delta R.T. 0.006 min  
Lab File: VN072484.D  
Acq: 13 May 2022 18:02

Tgt Ion: 117 Resp: 398378  
Ion Ratio Lower Upper  
117 100  
82 56.9 44.2 66.2  
119 31.9 25.4 38.0

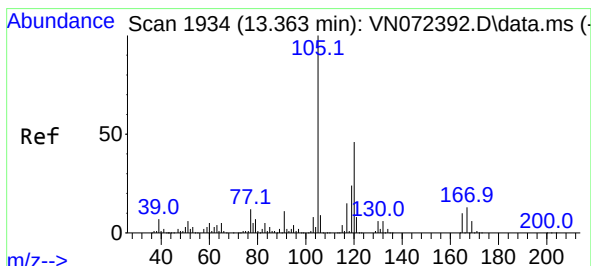
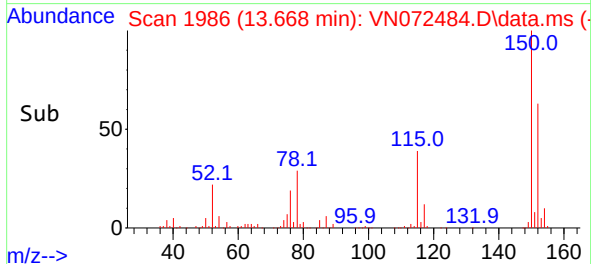
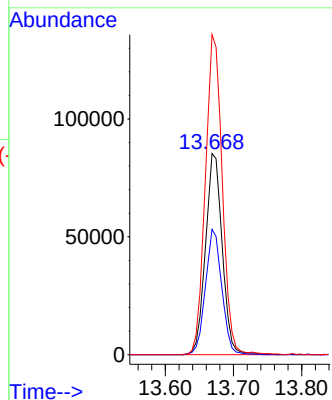
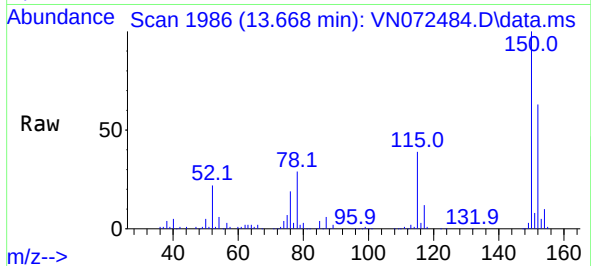




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072484.D  
Acq: 13 May 2022 18:02

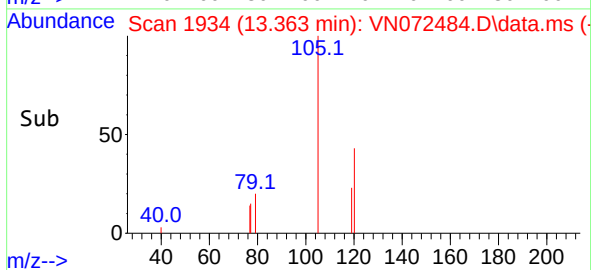
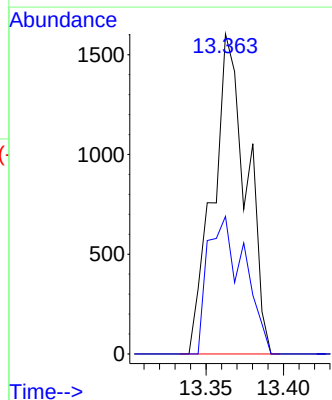
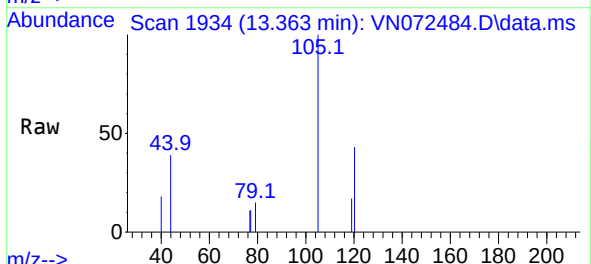
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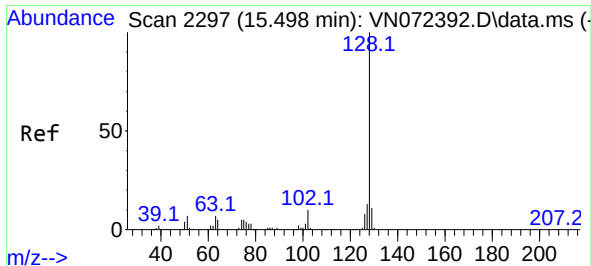
Tgt Ion:152 Resp: 146165  
Ion Ratio Lower Upper  
152 100  
115 60.7 28.9 86.7  
150 160.6 0.0 356.2



#84  
1,2,4-Trimethylbenzene  
Concen: 0.251 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN072484.D  
Acq: 13 May 2022 18:02

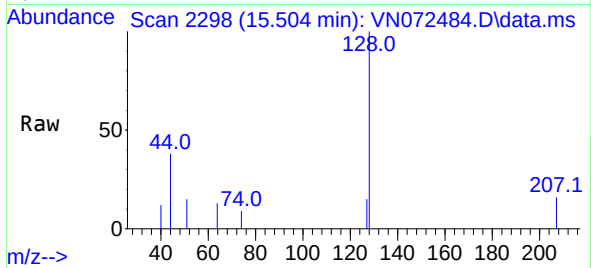
Tgt Ion:105 Resp: 2418  
Ion Ratio Lower Upper  
105 100  
120 46.7 23.3 69.8





#95  
 Naphthalene  
 Concen: 3.724 ug/l  
 RT: 15.504 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN072484.D  
 Acq: 13 May 2022 18:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-16



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 4085  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 6.4   | 10.3  | 15.5# |
| 129      | 1.6   | 8.6   | 13.0# |

