

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062521\  
 Data File : VN067514.D  
 Acq On : 25 Jun 2021 19:11  
 Operator : JC/MD  
 Sample : M2847-03 50X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 1970-WATER

Quant Time: Jun 29 02:02:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062421W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 24 12:18:45 2021  
 Response via : Initial Calibration

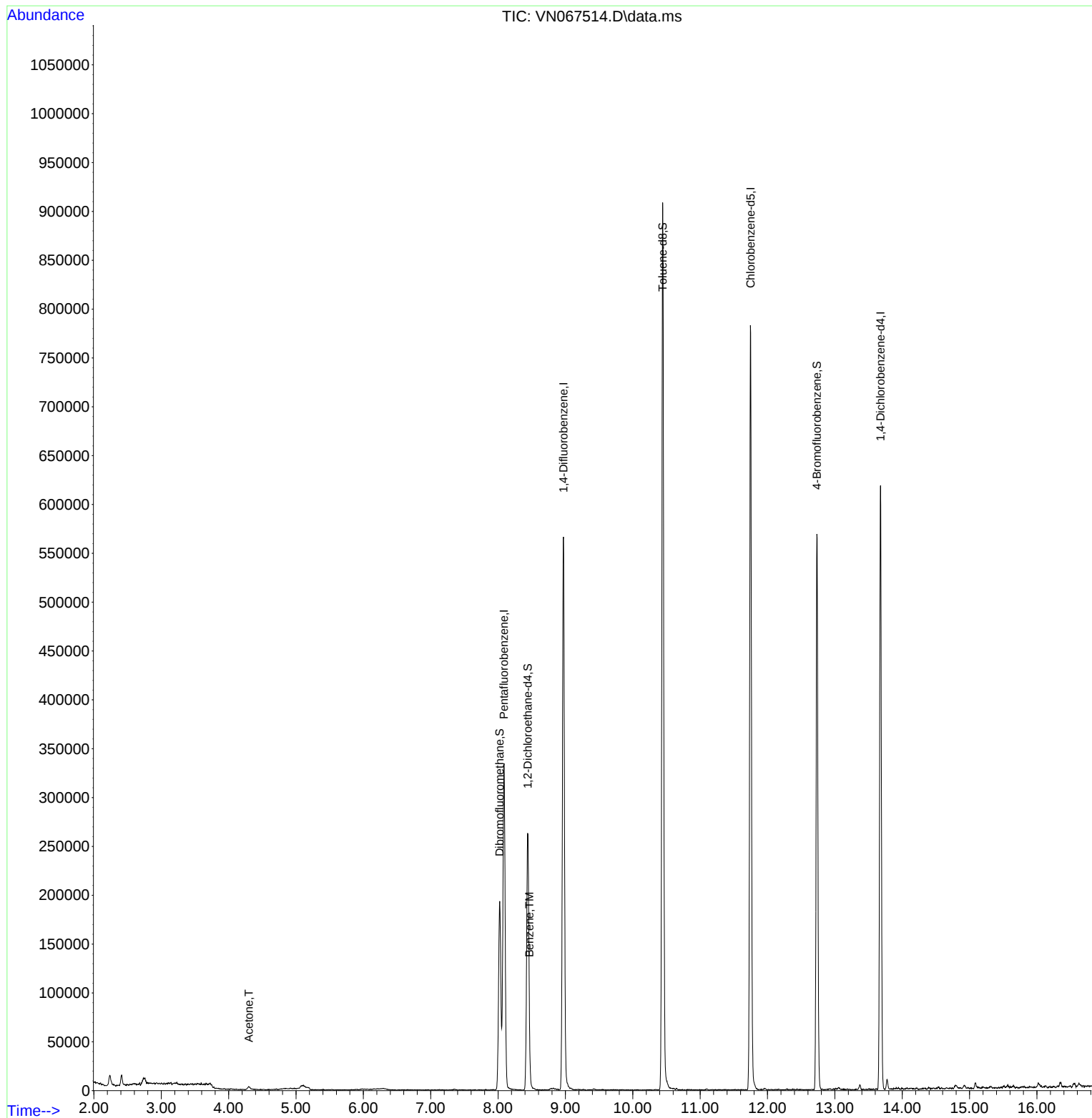
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.088  | 168   | 193376   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.971  | 114   | 437440   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.749 | 117   | 394531   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678 | 152   | 129215   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 222144   | 56.131   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 112.260% |
| 35) Dibromofluoromethane    | 8.024  | 113   | 137280   | 50.940   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 101.880% |
| 50) Toluene-d8              | 10.443 | 98    | 607599   | 52.861   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 105.720% |
| 62) 4-Bromofluorobenzene    | 12.734 | 95    | 207455   | 50.658   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 101.320% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.299  | 43    | 5646     | 3.727    | ug/l # | 88       |
| 40) Benzene                 | 8.464  | 78    | 6884     | 0.476    | ug/l   | 95       |
| -----                       |        |       |          |          |        |          |

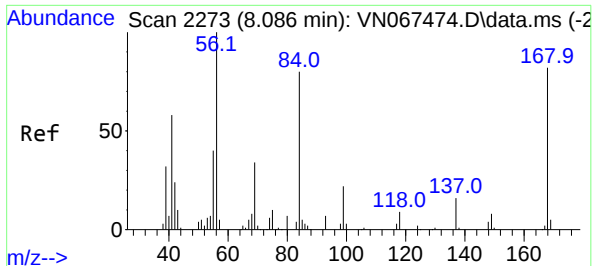
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_N  
ClientSampleId :  
1970-WATER

Quant Time: Jun 29 02:02:59 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062421W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 24 12:18:45 2021  
Response via : Initial Calibration

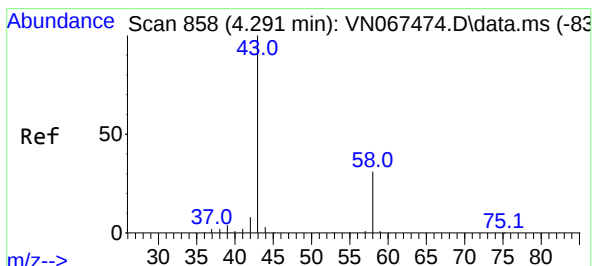
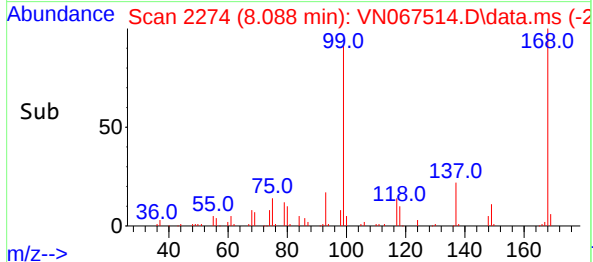
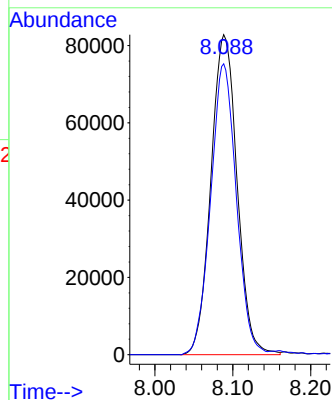
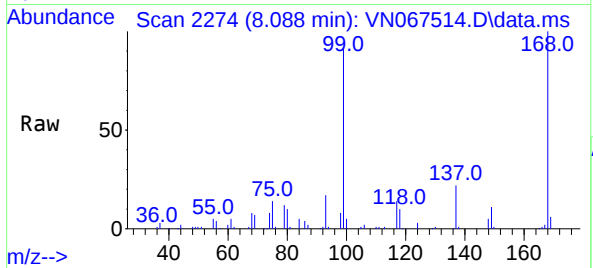




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN067514.D  
Acq: 25 Jun 2021 19:11

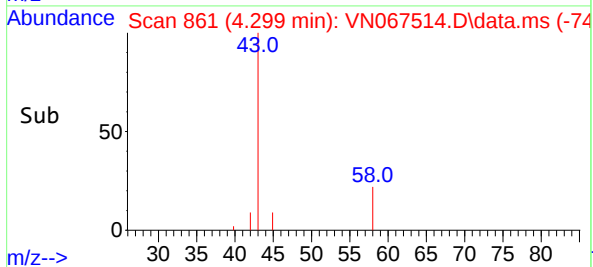
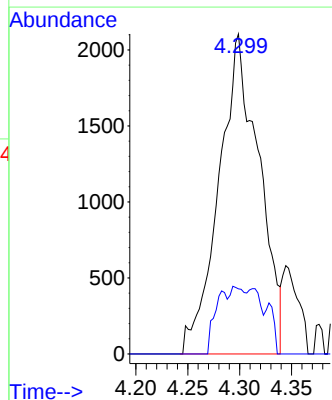
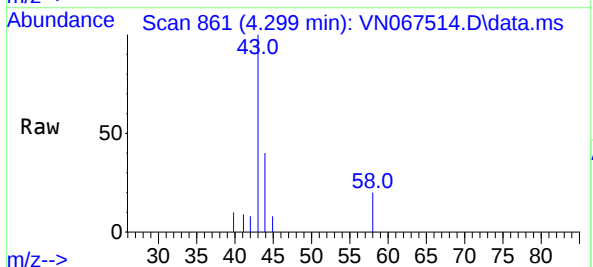
Instrument :  
MSVOA\_N  
ClientSampleId :  
1970-WATER

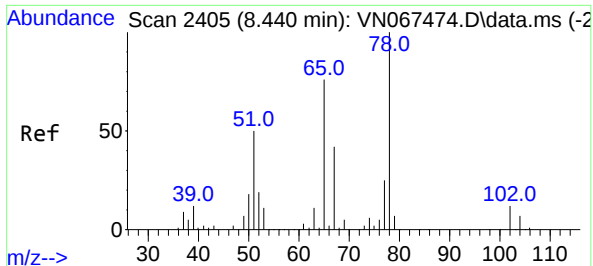
Tgt Ion:168 Resp: 193376  
Ion Ratio Lower Upper  
168 100  
99 90.9 62.9 94.3



#16  
Acetone  
Concen: 3.727 ug/l  
RT: 4.299 min Scan# 861  
Delta R.T. 0.008 min  
Lab File: VN067514.D  
Acq: 25 Jun 2021 19:11

Tgt Ion: 43 Resp: 5646  
Ion Ratio Lower Upper  
43 100  
58 20.3 21.2 31.8#



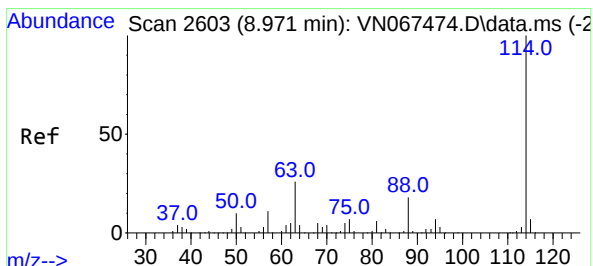
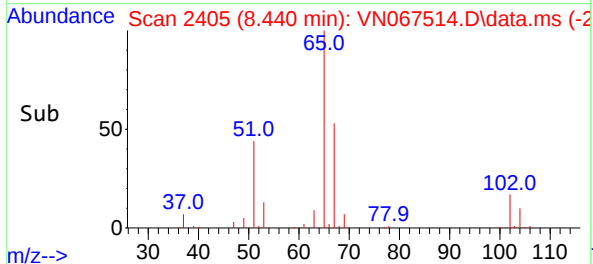
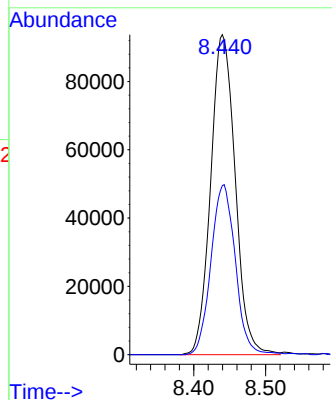
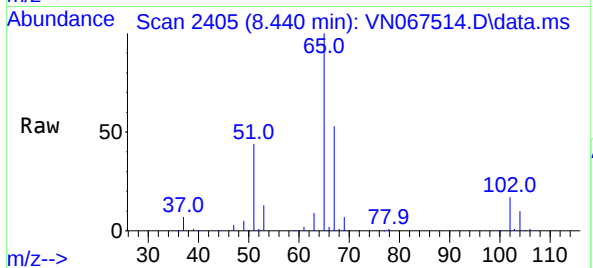


#33

1,2-Dichloroethane-d4  
Concen: 56.131 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN067514.D  
Acq: 25 Jun 2021 19:11

Instrument :  
MSVOA\_N  
ClientSampled :  
1970-WATER

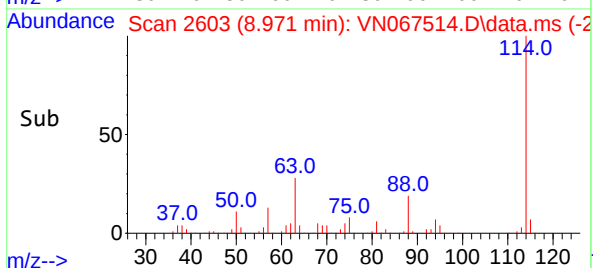
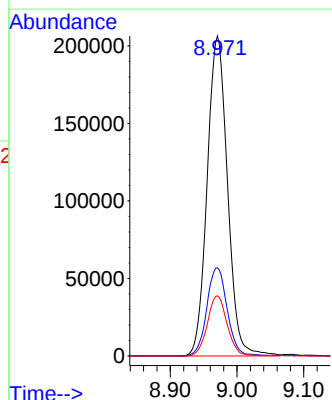
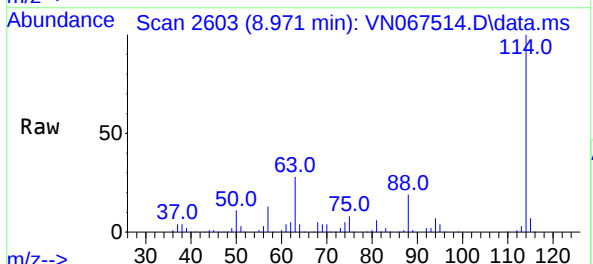
Tgt Ion: 65 Resp: 222144  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 98.6

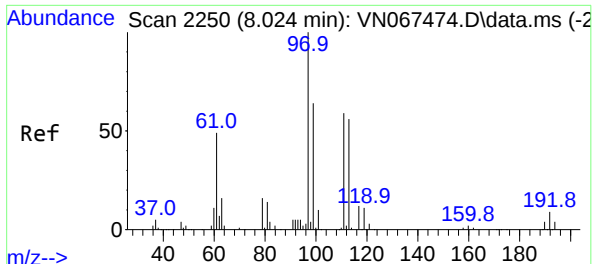


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. -0.000 min  
Lab File: VN067514.D  
Acq: 25 Jun 2021 19:11

Tgt Ion: 114 Resp: 437440  
Ion Ratio Lower Upper  
114 100  
63 27.6 0.0 49.0  
88 18.8 0.0 36.6

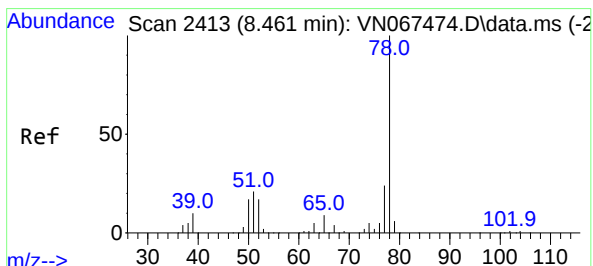
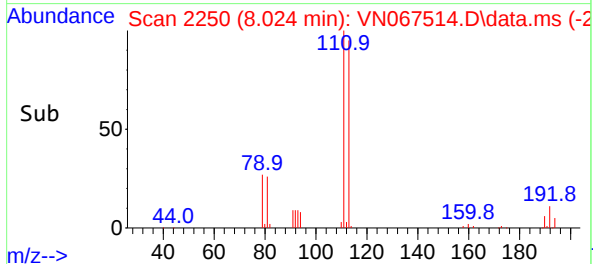
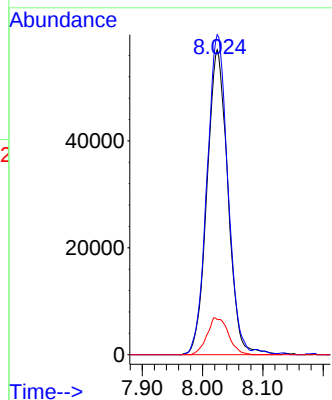
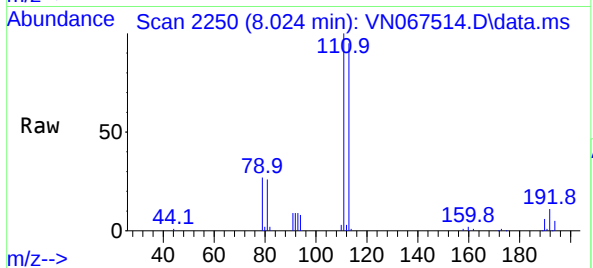




#35  
Dibromofluoromethane  
Concen: 50.940 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VN067514.D  
Acq: 25 Jun 2021 19:11

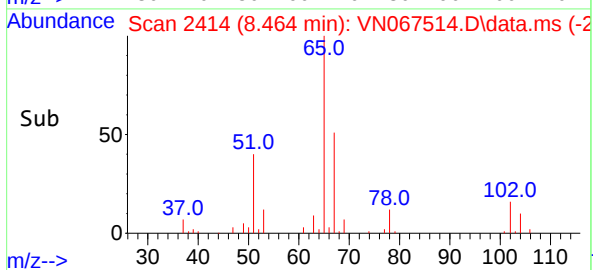
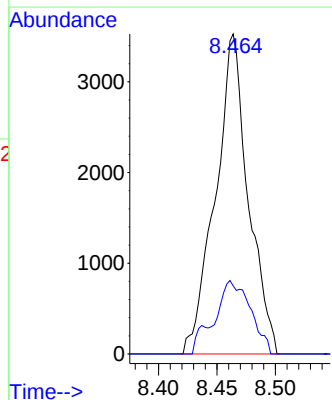
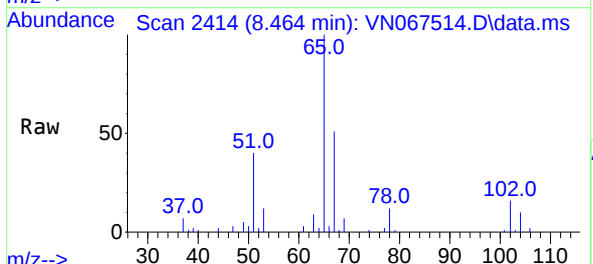
Instrument :  
MSVOA\_N  
ClientSampleId :  
1970-WATER

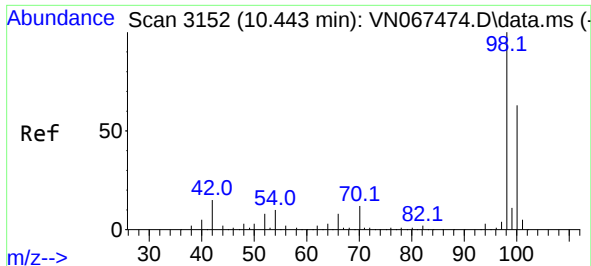
Tgt Ion:113 Resp: 137280  
Ion Ratio Lower Upper  
113 100  
111 104.5 83.8 125.8  
192 12.4 13.4 20.0#



#40  
Benzene  
Concen: 0.476 ug/l  
RT: 8.464 min Scan# 2414  
Delta R.T. 0.003 min  
Lab File: VN067514.D  
Acq: 25 Jun 2021 19:11

Tgt Ion: 78 Resp: 6884  
Ion Ratio Lower Upper  
78 100  
77 21.3 18.9 28.3

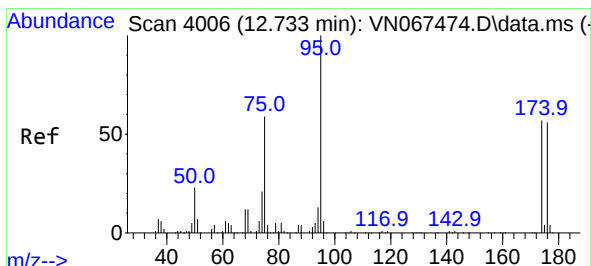
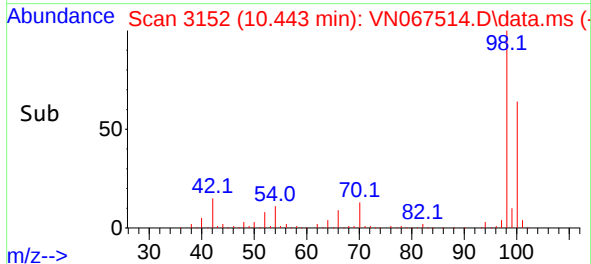
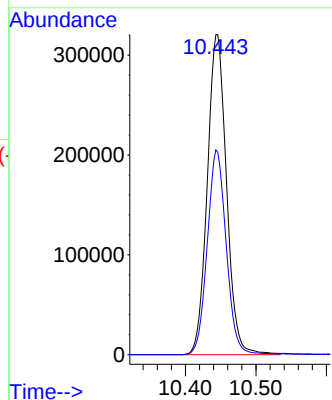
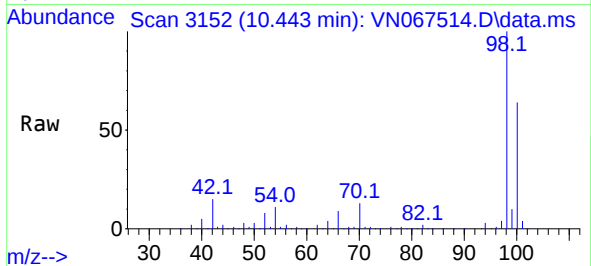




#50  
Toluene-d8  
Concen: 52.861 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN067514.D  
Acq: 25 Jun 2021 19:11

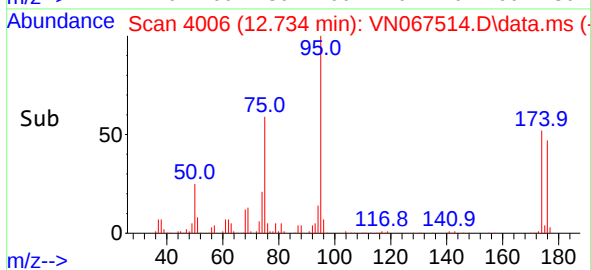
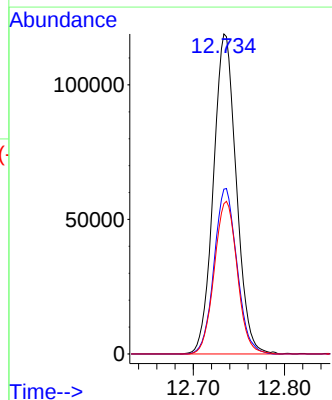
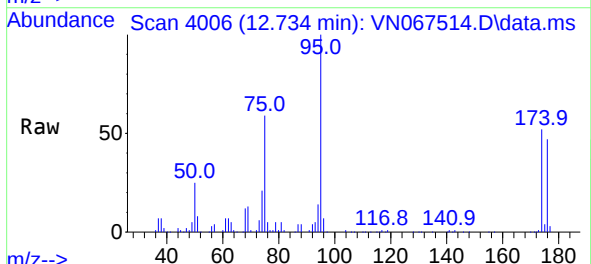
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ClientSampleId :  
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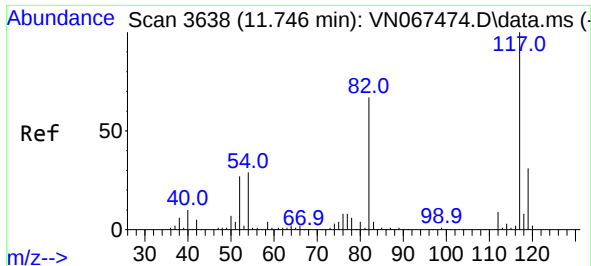
Tgt Ion: 98 Resp: 607599  
Ion Ratio Lower Upper  
98 100  
100 63.1 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 50.658 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.001 min  
Lab File: VN067514.D  
Acq: 25 Jun 2021 19:11

Tgt Ion: 95 Resp: 207455  
Ion Ratio Lower Upper  
95 100  
174 51.6 0.0 122.0  
176 47.9 0.0 117.6

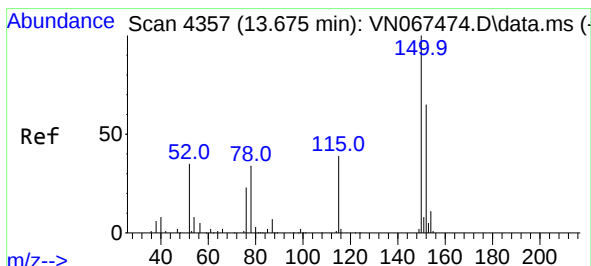
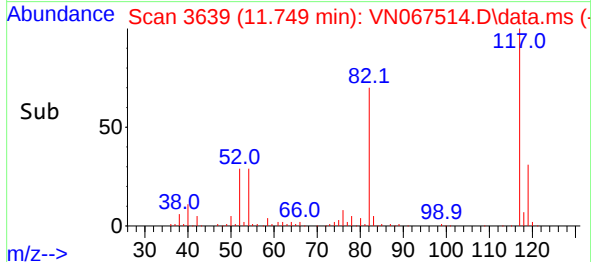
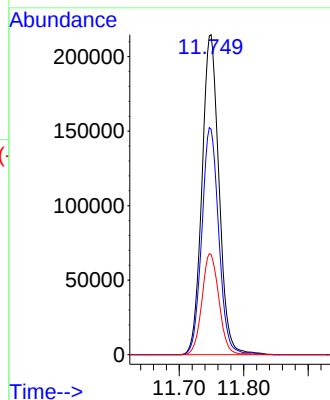
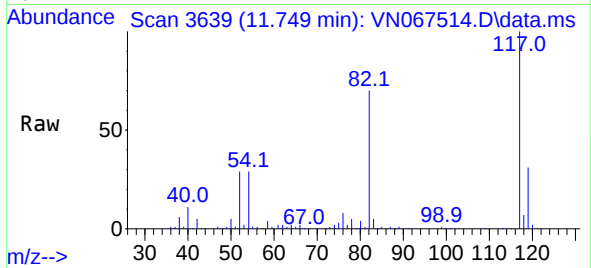




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.003 min  
Lab File: VN067514.D  
Acq: 25 Jun 2021 19:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
1970-WATER

Tgt Ion:117 Resp: 394531  
Ion Ratio Lower Upper  
117 100  
82 70.5 53.1 79.7  
119 31.3 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN067514.D  
Acq: 25 Jun 2021 19:11

Tgt Ion:152 Resp: 129215  
Ion Ratio Lower Upper  
152 100  
115 76.0 36.1 108.5  
150 158.4 0.0 351.8

