

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072621\  
 Data File : VN067914.D  
 Acq On : 26 Jul 2021 18:05  
 Operator : JC/MD  
 Sample : M3147-23  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 152140-FB-72121

Quant Time: Jul 27 01:31:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 07 16:18:53 2021  
 Response via : Initial Calibration

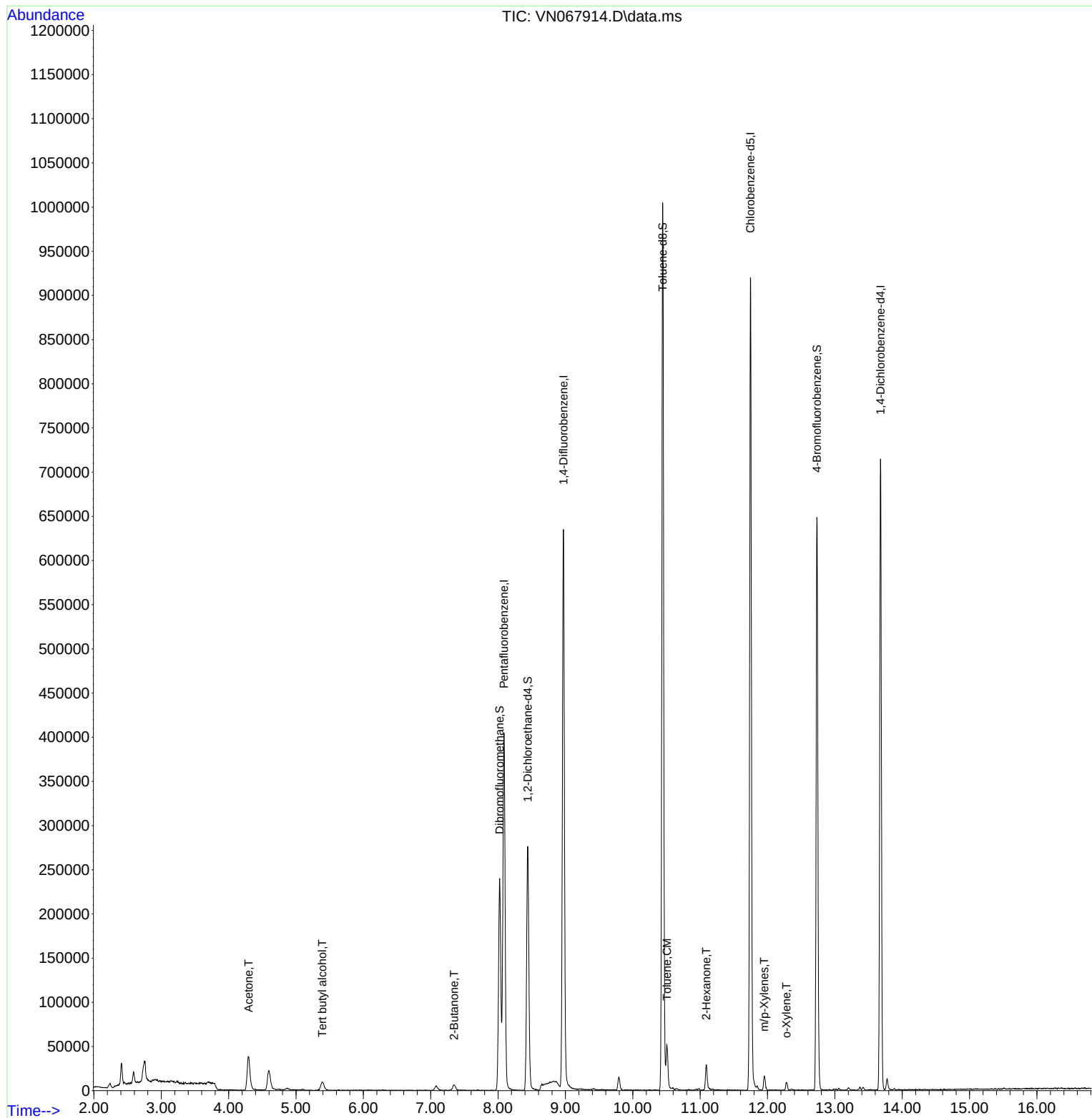
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.088     | 168   | 288480   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.971     | 114   | 557305   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.747    | 117   | 534305   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678    | 152   | 184487   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.440     | 65    | 232791   | 53.395   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | = 106.780% |          |
| 35) Dibromofluoromethane    | 8.024     | 113   | 173422   | 51.505   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | = 103.000% |          |
| 50) Toluene-d8              | 10.443    | 98    | 714431   | 50.691   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | = 101.380% |          |
| 62) 4-Bromofluorobenzene    | 12.733    | 95    | 231647   | 46.527   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | = 93.060%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 11) Tert butyl alcohol      | 5.390     | 59    | 17538    | 27.993   | ug/l       | # 89     |
| 16) Acetone                 | 4.296     | 43    | 73009    | 53.219   | ug/l       | 99       |
| 25) 2-Butanone              | 7.345     | 43    | 9786     | 4.296    | ug/l       | 99       |
| 52) Toluene                 | 10.507    | 92    | 19553    | 1.926    | ug/l       | 100      |
| 59) 2-Hexanone              | 11.089    | 43    | 21878    | 5.782    | ug/l       | 99       |
| 68) m/p-Xylenes             | 11.953    | 106   | 5161     | 0.683    | ug/l       | 85       |
| 69) o-Xylene                | 12.280    | 106   | 2904     | 0.391    | ug/l       | 82       |
| -----                       |           |       |          |          |            |          |

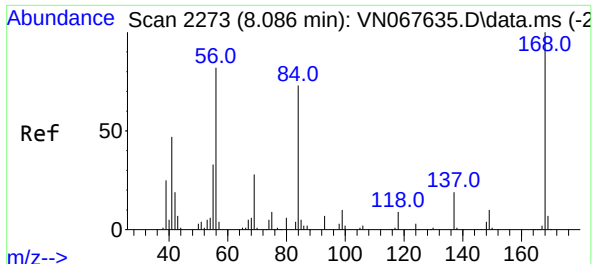
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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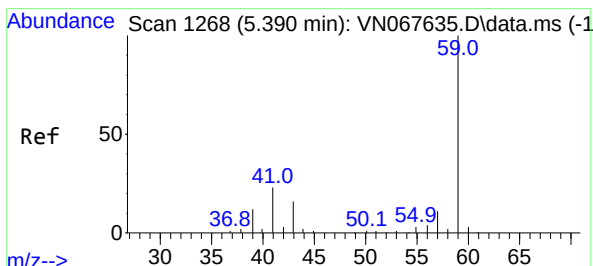
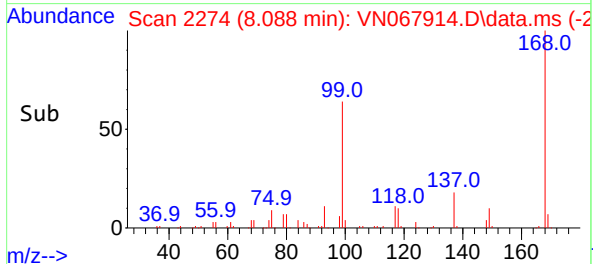
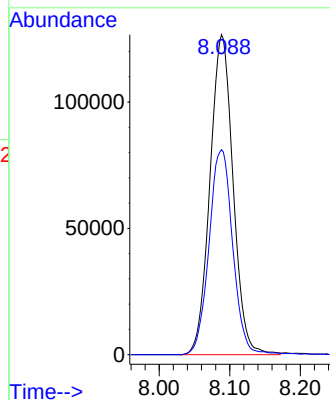
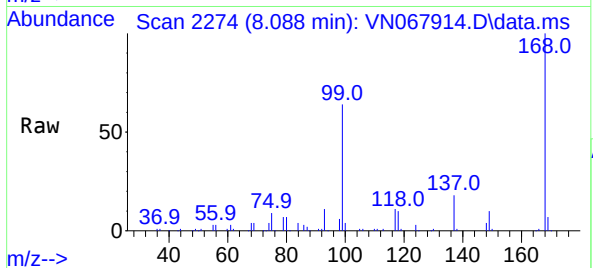




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN067914.D  
Acq: 26 Jul 2021 18:05

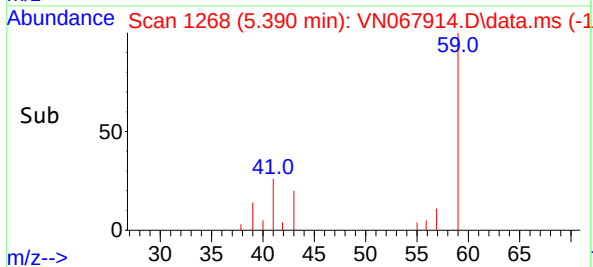
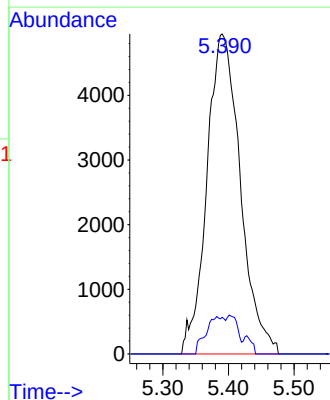
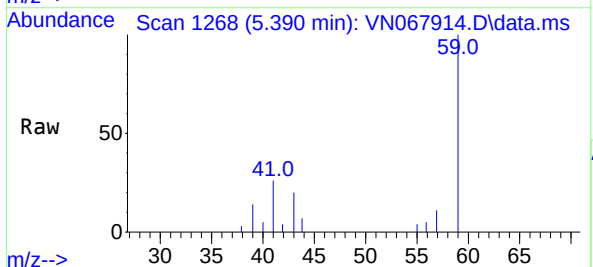
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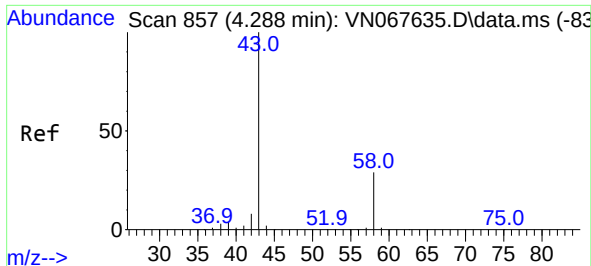
Tgt Ion:168 Resp: 288480  
Ion Ratio Lower Upper  
168 100  
99 64.0 62.9 94.3



#11  
Tert butyl alcohol  
Concen: 27.993 ug/l  
RT: 5.390 min Scan# 1268  
Delta R.T. 0.000 min  
Lab File: VN067914.D  
Acq: 26 Jul 2021 18:05

Tgt Ion: 59 Resp: 17538  
Ion Ratio Lower Upper  
59 100  
57 6.7 8.7 13.1#

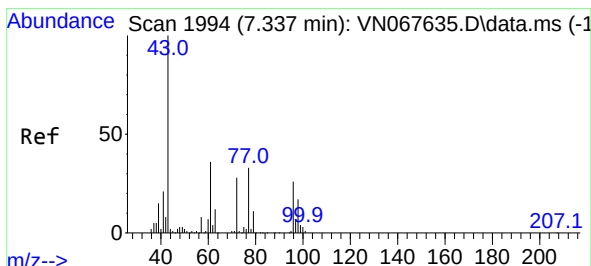
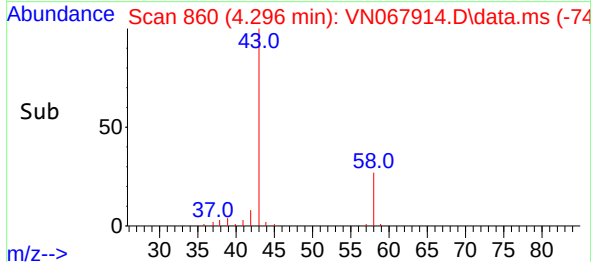
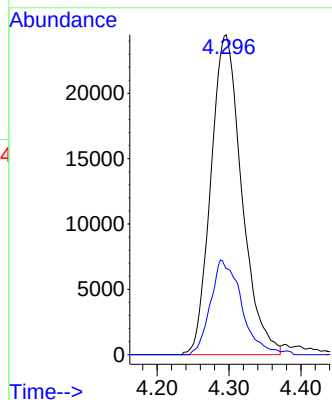
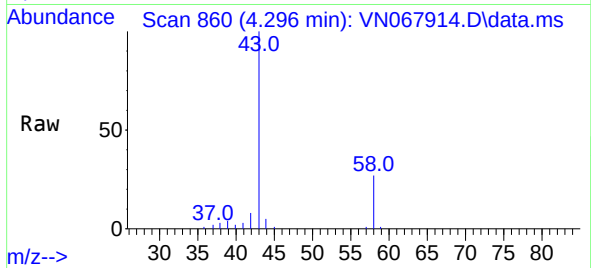




#16  
Acetone  
Concen: 53.219 ug/l  
RT: 4.296 min Scan# 860  
Delta R.T. 0.008 min  
Lab File: VN067914.D  
Acq: 26 Jul 2021 18:05

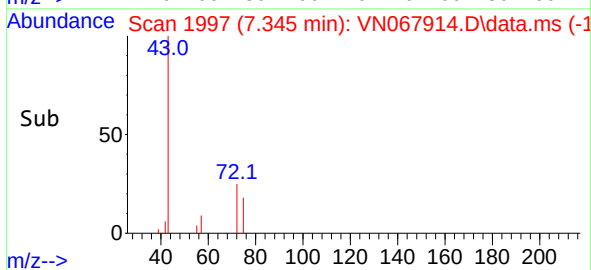
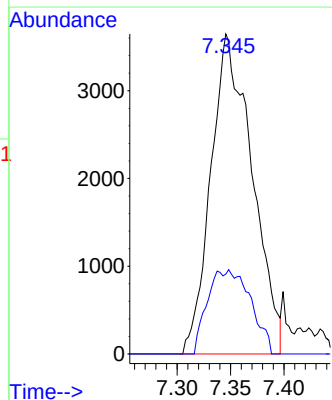
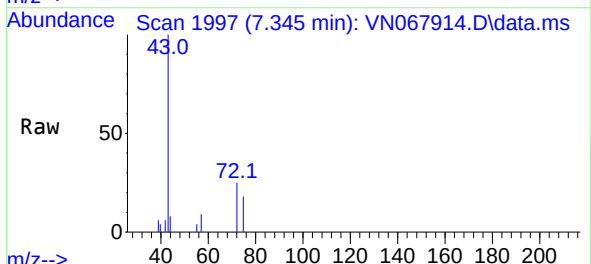
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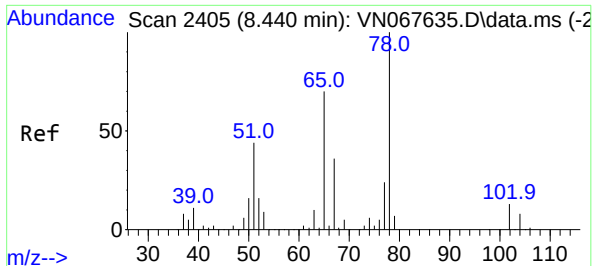
Tgt Ion: 43 Resp: 73009  
Ion Ratio Lower Upper  
43 100  
58 27.0 21.2 31.8



#25  
2-Butanone  
Concen: 4.296 ug/l  
RT: 7.345 min Scan# 1997  
Delta R.T. 0.008 min  
Lab File: VN067914.D  
Acq: 26 Jul 2021 18:05

Tgt Ion: 43 Resp: 9786  
Ion Ratio Lower Upper  
43 100  
72 25.0 19.7 29.5

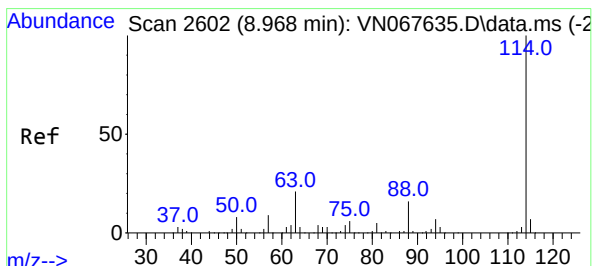
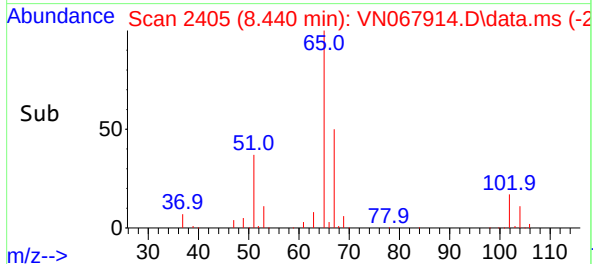
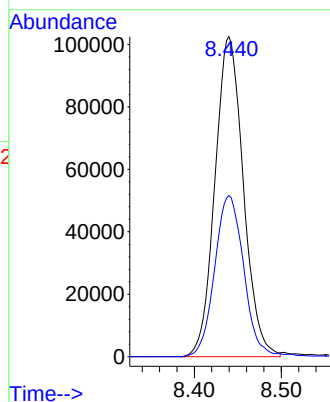
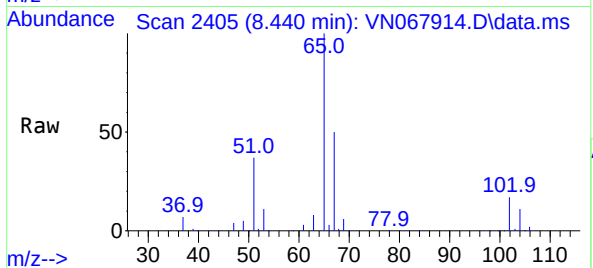




#33  
1,2-Dichloroethane-d4  
Concen: 53.395 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN067914.D  
Acq: 26 Jul 2021 18:05

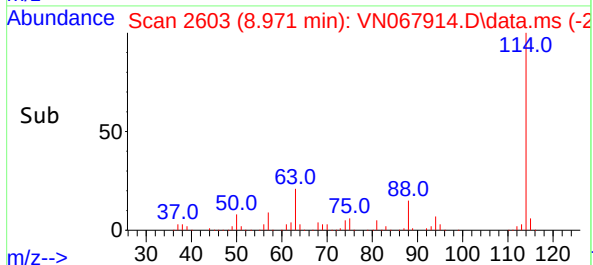
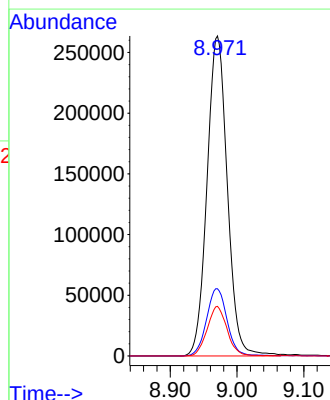
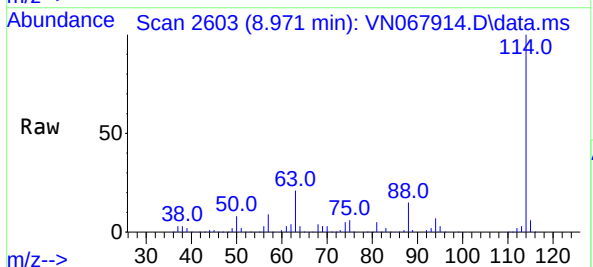
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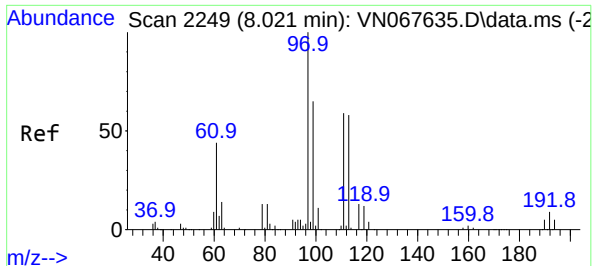
Tgt Ion: 65 Resp: 232791  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 98.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN067914.D  
Acq: 26 Jul 2021 18:05

Tgt Ion: 114 Resp: 557305  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 49.0  
88 15.5 0.0 36.6

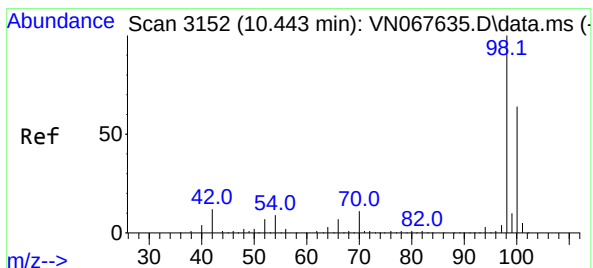
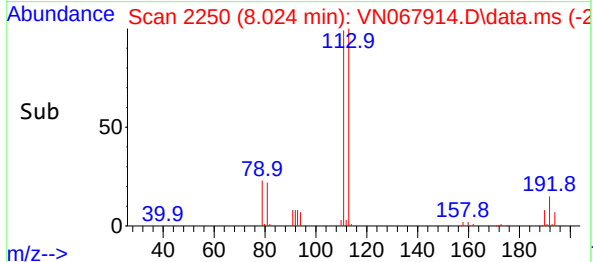
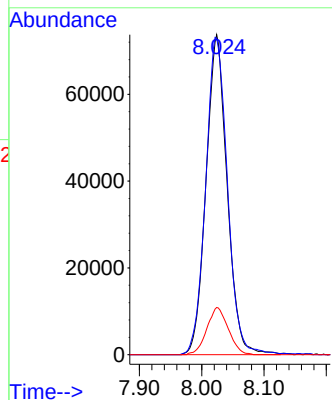
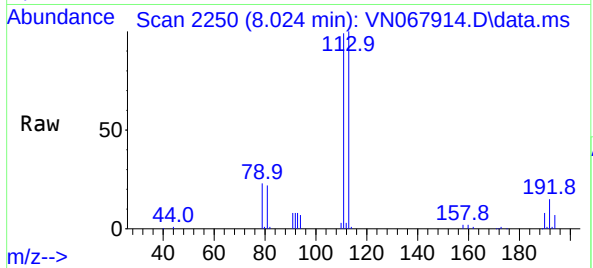




#35  
Dibromofluoromethane  
Concen: 51.505 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN067914.D  
Acq: 26 Jul 2021 18:05

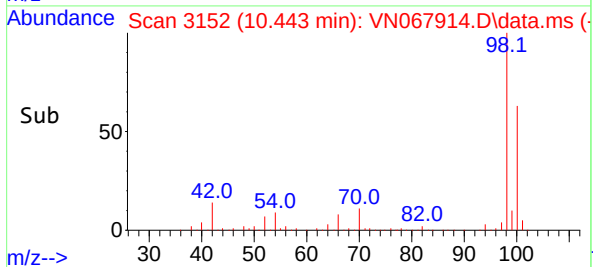
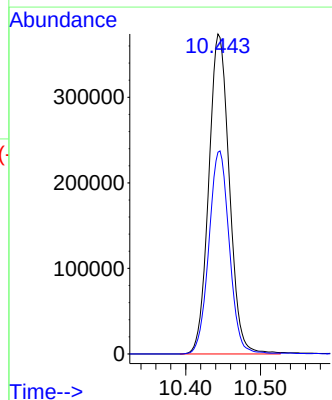
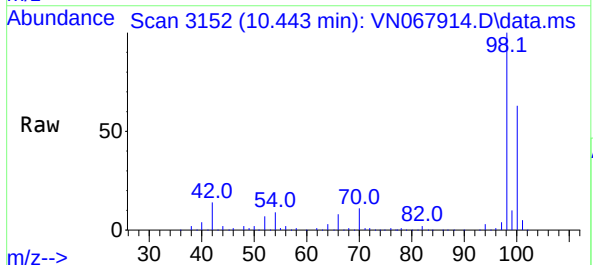
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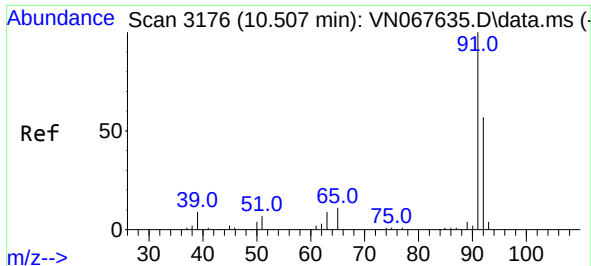
Tgt Ion:113 Resp: 173422  
Ion Ratio Lower Upper  
113 100  
111 102.7 83.8 125.8  
192 15.0 13.4 20.0



#50  
Toluene-d8  
Concen: 50.691 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN067914.D  
Acq: 26 Jul 2021 18:05

Tgt Ion: 98 Resp: 714431  
Ion Ratio Lower Upper  
98 100  
100 63.0 51.7 77.5

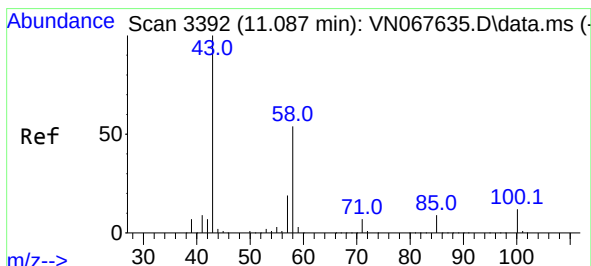
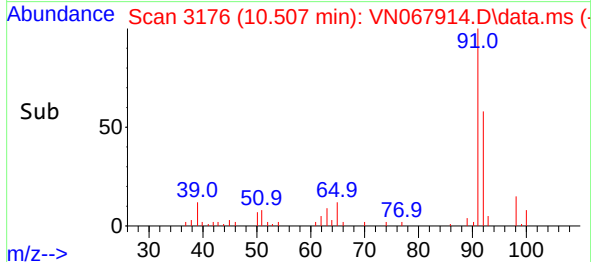
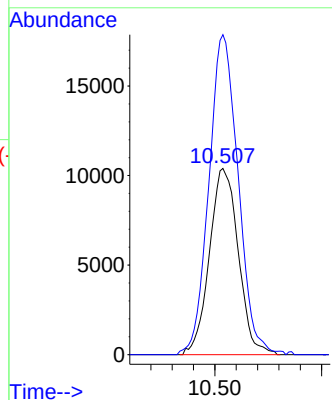
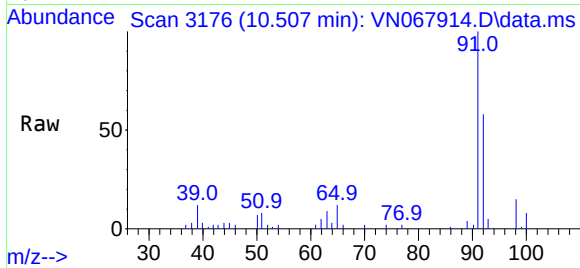




#52  
Toluene  
Concen: 1.926 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN067914.D  
Acq: 26 Jul 2021 18:05

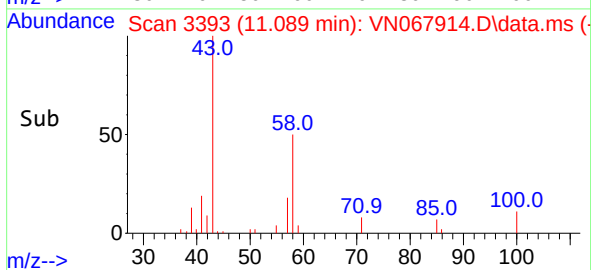
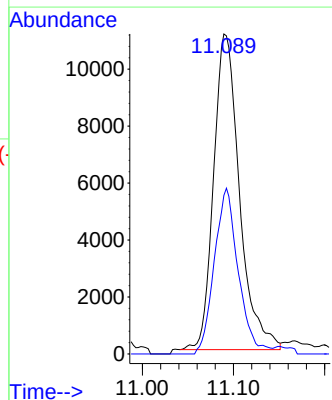
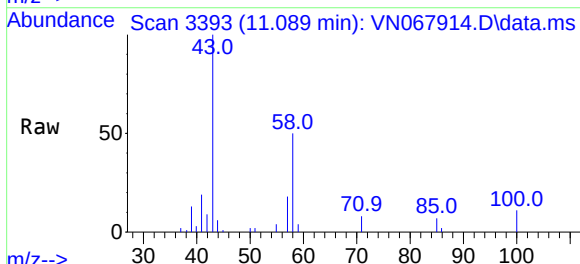
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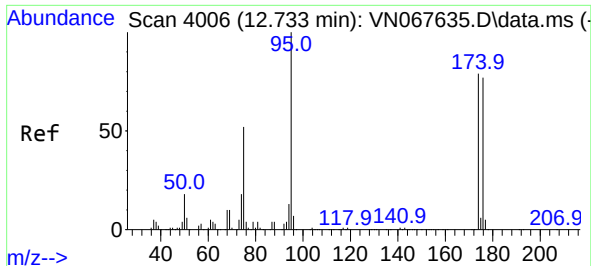
Tgt Ion: 92 Resp: 19553  
Ion Ratio Lower Upper  
92 100  
91 173.9 139.6 209.4



#59  
2-Hexanone  
Concen: 5.782 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.002 min  
Lab File: VN067914.D  
Acq: 26 Jul 2021 18:05

Tgt Ion: 43 Resp: 21878  
Ion Ratio Lower Upper  
43 100  
58 48.6 24.7 74.1

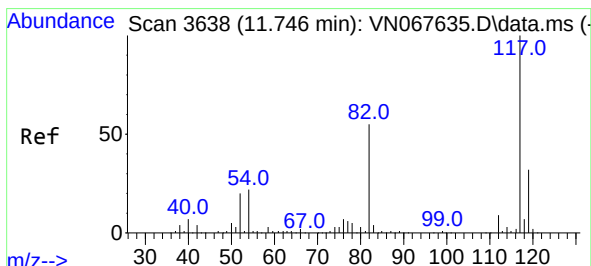
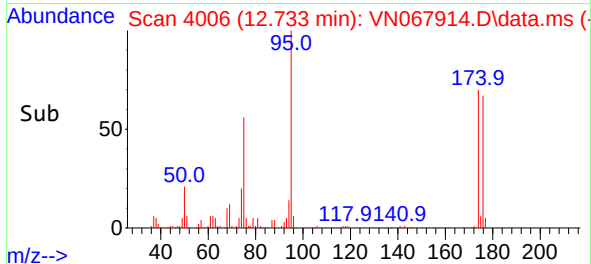
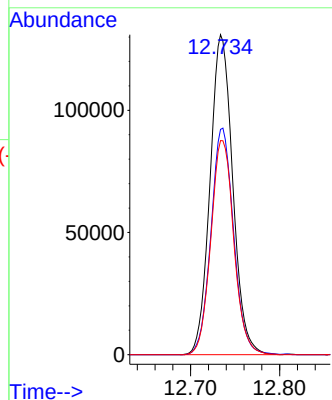
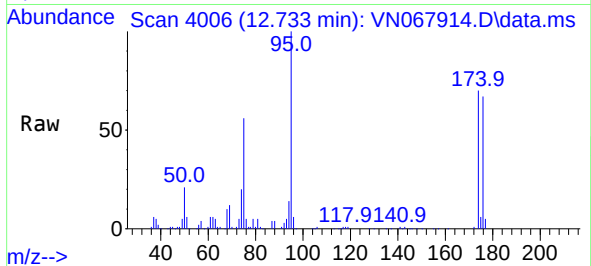




#62  
4-Bromofluorobenzene  
Concen: 46.527 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067914.D  
Acq: 26 Jul 2021 18:05

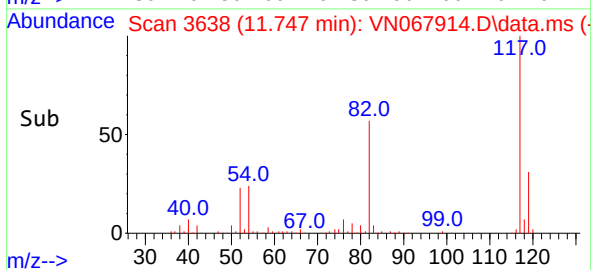
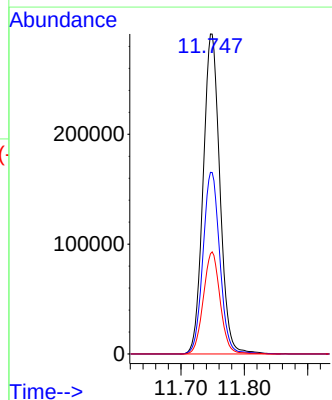
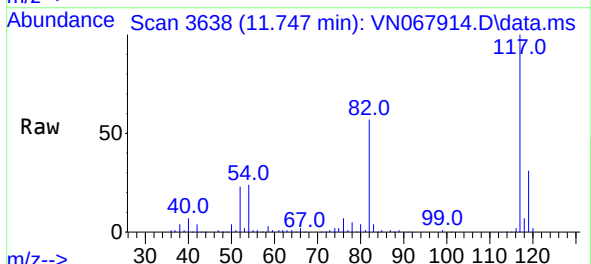
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Tgt Ion: 95 Resp: 231647  
Ion Ratio Lower Upper  
95 100  
174 70.8 0.0 122.0  
176 67.8 0.0 117.6

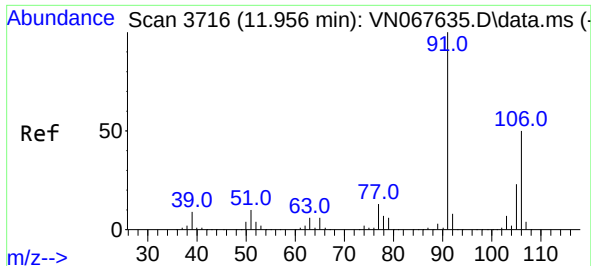


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN067914.D  
Acq: 26 Jul 2021 18:05

Tgt Ion: 117 Resp: 534305  
Ion Ratio Lower Upper  
117 100  
82 56.7 53.1 79.7  
119 31.3 25.5 38.3



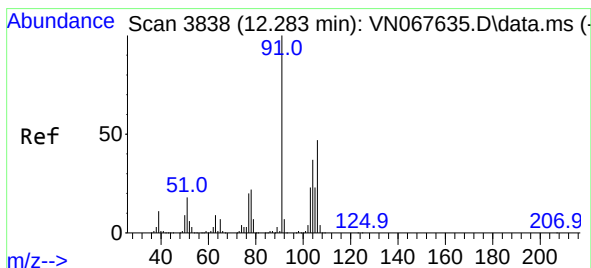
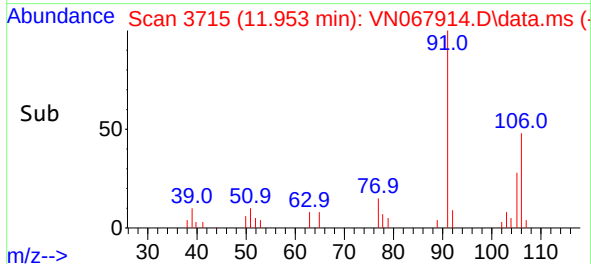
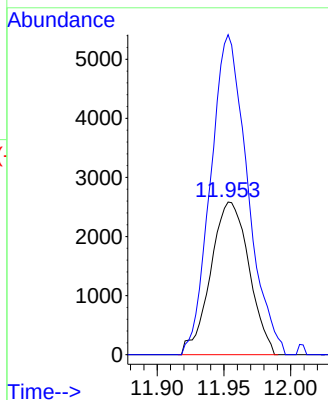
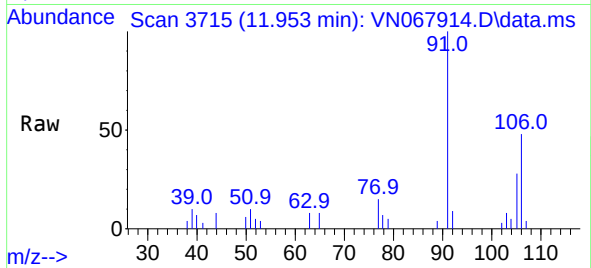




#68  
m/p-Xylenes  
Concen: 0.683 ug/l  
RT: 11.953 min Scan# 3715  
Delta R.T. -0.003 min  
Lab File: VN067914.D  
Acq: 26 Jul 2021 18:05

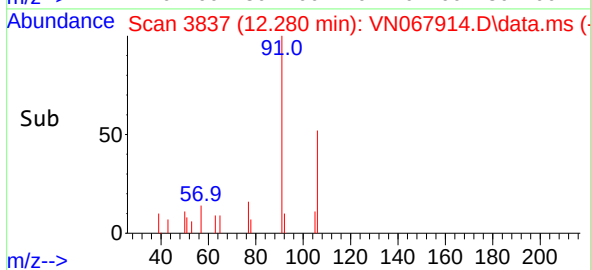
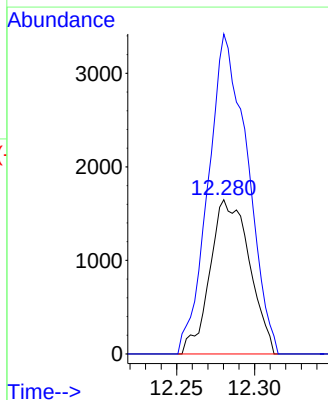
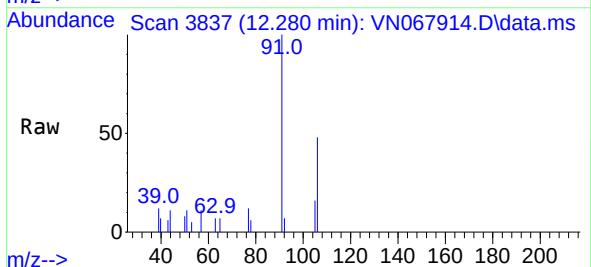
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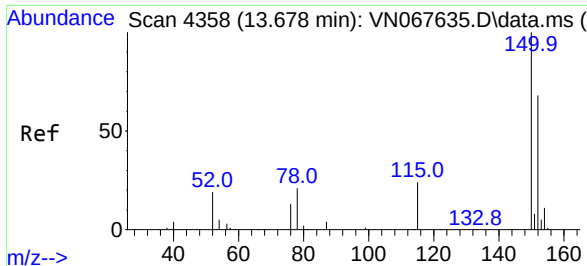
Tgt Ion:106 Resp: 5161  
Ion Ratio Lower Upper  
106 100  
91 201.8 180.6 270.8



#69  
o-Xylene  
Concen: 0.391 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. -0.003 min  
Lab File: VN067914.D  
Acq: 26 Jul 2021 18:05

Tgt Ion:106 Resp: 2904  
Ion Ratio Lower Upper  
106 100  
91 206.0 118.3 354.9





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.678 min Scan# 4358  
 Delta R.T. 0.000 min  
 Lab File: VN067914.D  
 Acq: 26 Jul 2021 18:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 152140-FB-72121

Tgt Ion:152 Resp: 184487  
 Ion Ratio Lower Upper  
 152 100  
 115 62.2 36.1 108.5  
 150 157.8 0.0 351.8

