

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072021\  
 Data File : VN067819.D  
 Acq On : 20 Jul 2021 15:58  
 Operator : JC/MD  
 Sample : PB137795TB  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB137795TB

Quant Time: Jul 21 05:08:34 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

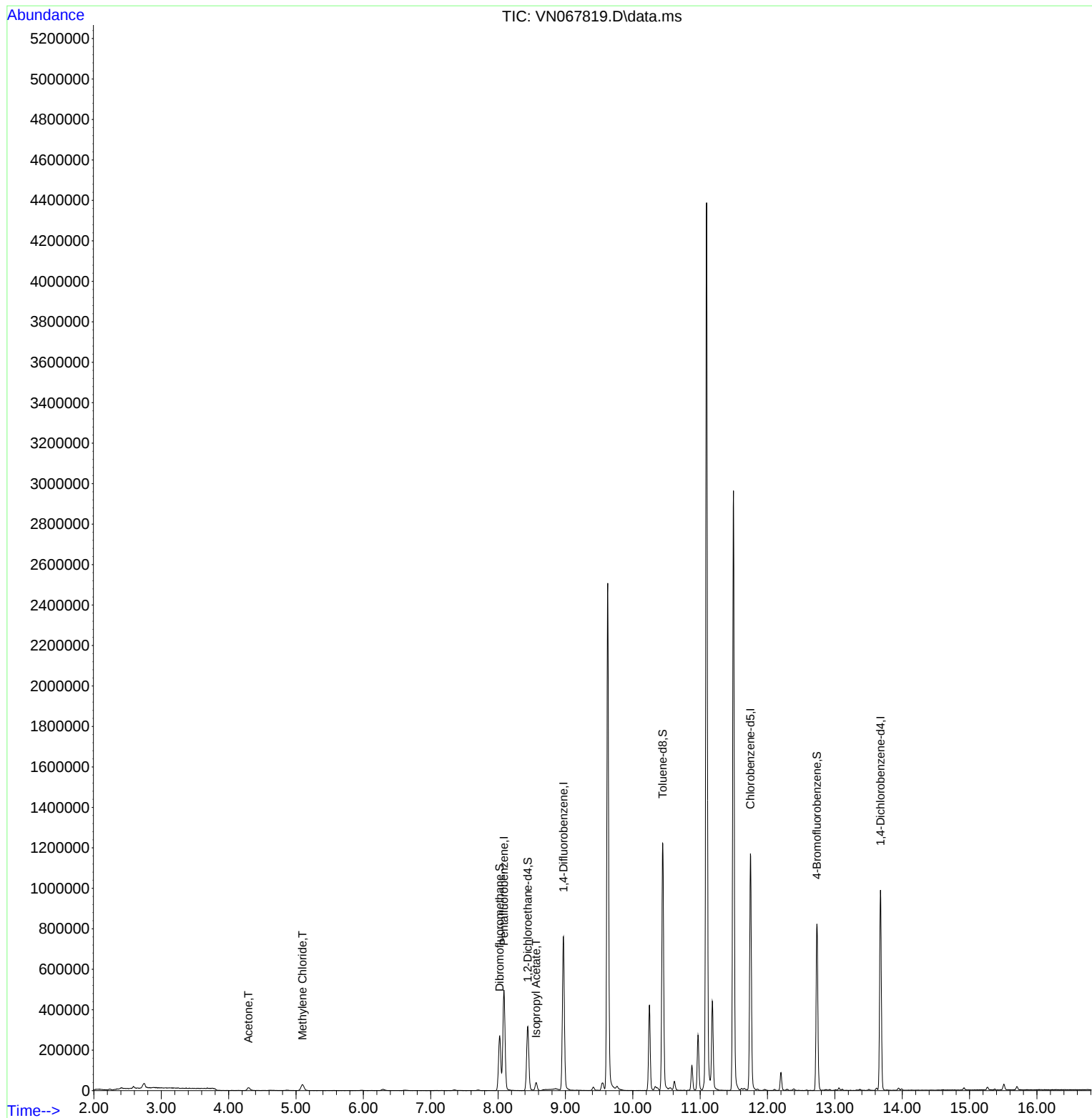
| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.088          | 168  | 356524     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.971          | 114  | 661869     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.747         | 117  | 683831     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678         | 152  | 260010     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.440          | 65   | 268589     | 49.848   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 99.700%  |        |          |
| 35) Dibromofluoromethane    | 8.024          | 113  | 196199     | 49.064   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 98.120%  |        |          |
| 50) Toluene-d8              | 10.443         | 98   | 864504     | 51.649   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 103.300% |        |          |
| 62) 4-Bromofluorobenzene    | 12.734         | 95   | 297170     | 50.258   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 100.520% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
| 16) Acetone                 | 4.293          | 43   | 27814      | 16.405   | ug/l   | 90       |
| 20) Methylene Chloride      | 5.095          | 84   | 23768      | 5.384    | ug/l   | 88       |
| 43) Isopropyl Acetate       | 8.566          | 43   | 44360      | 4.233    | ug/l # | 92       |
| -----                       |                |      |            |          |        |          |

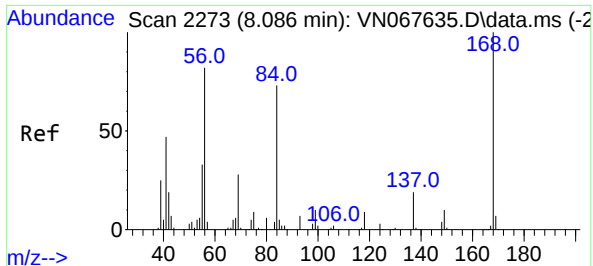
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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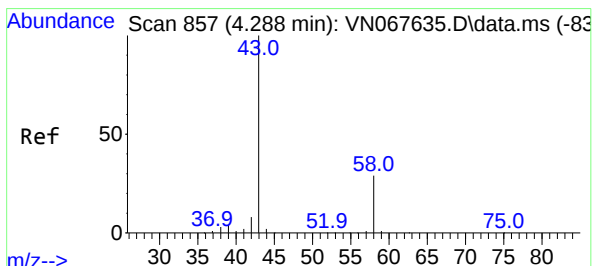
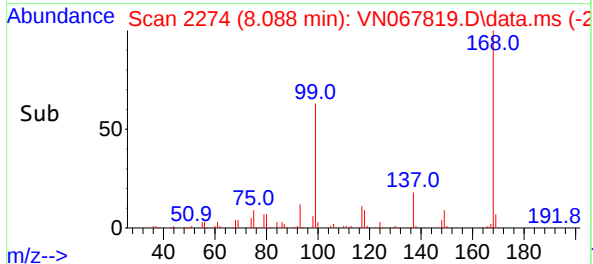
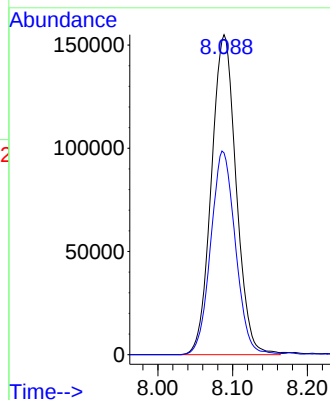
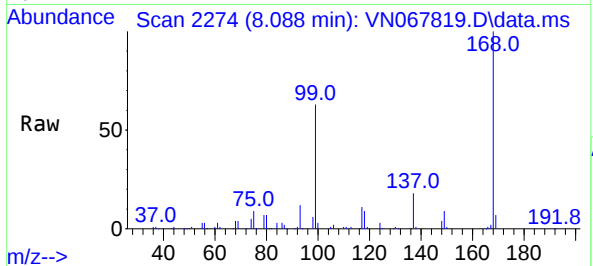




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN067819.D  
Acq: 20 Jul 2021 15:58

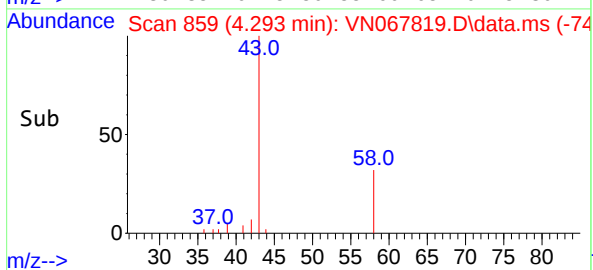
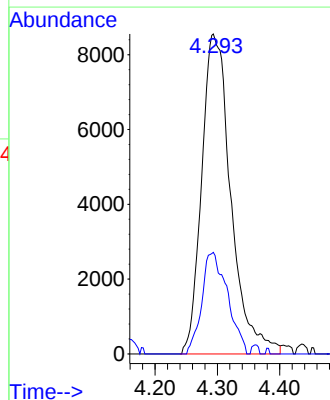
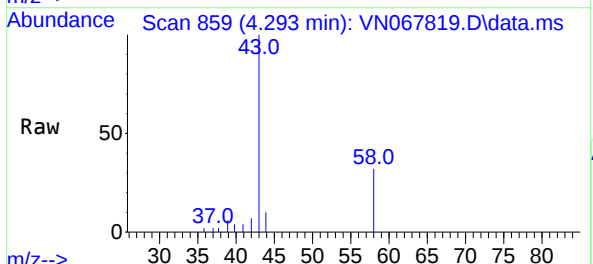
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB137795TB

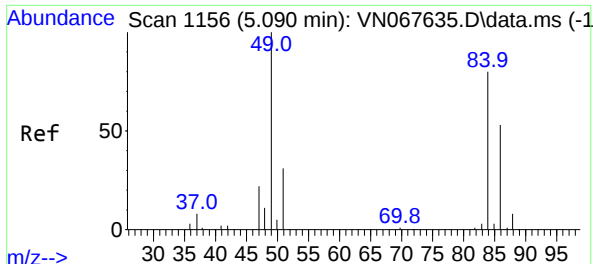
Tgt Ion:168 Resp: 356524  
Ion Ratio Lower Upper  
168 100  
99 63.1 62.9 94.3



#16  
Acetone  
Concen: 16.405 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.005 min  
Lab File: VN067819.D  
Acq: 20 Jul 2021 15:58

Tgt Ion: 43 Resp: 27814  
Ion Ratio Lower Upper  
43 100  
58 31.7 21.2 31.8



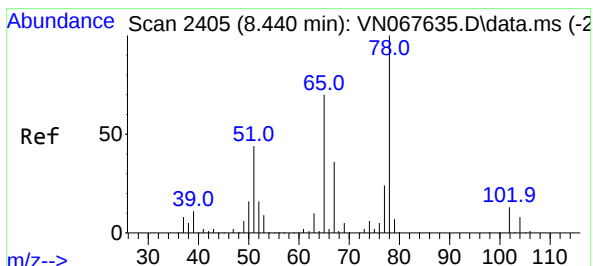
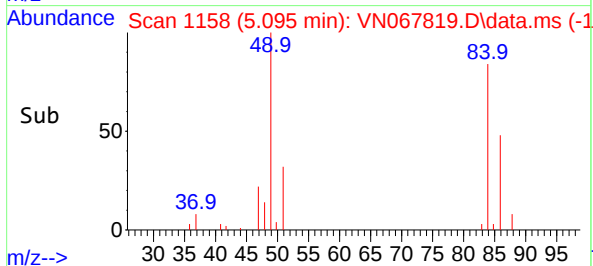
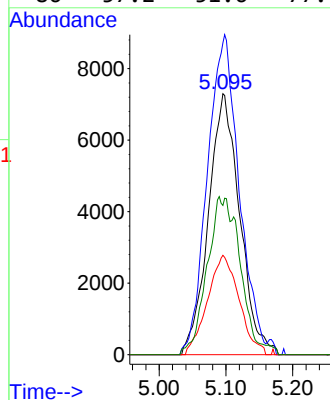
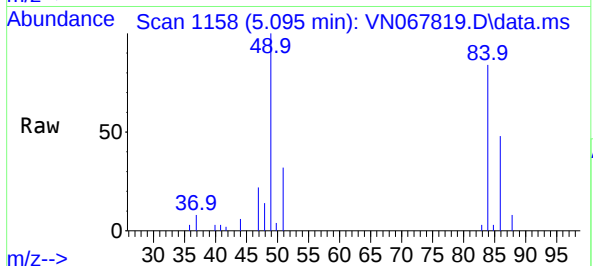


#20  
Methylene Chloride  
Concen: 5.384 ug/l  
RT: 5.095 min Scan# 1158  
Delta R.T. 0.005 min  
Lab File: VN067819.D  
Acq: 20 Jul 2021 15:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB137795TB

Tgt Ion: 84 Resp: 23768

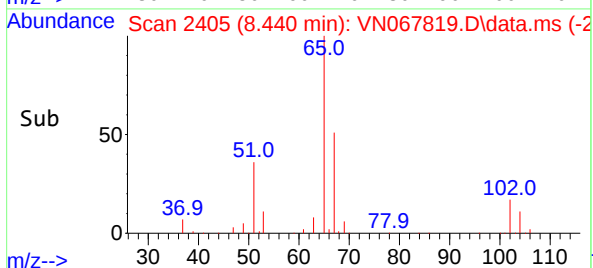
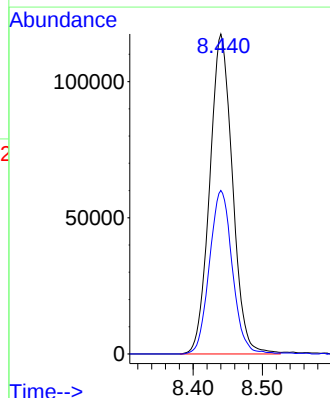
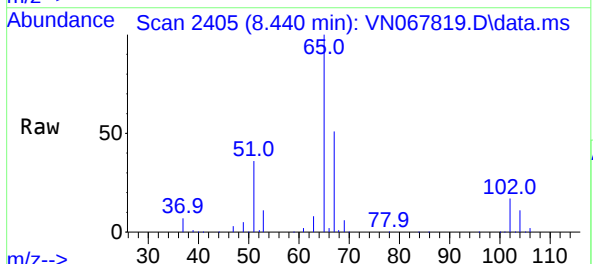
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 119.5 | 110.9 | 166.3 |
| 51  | 38.0  | 32.6  | 49.0  |
| 86  | 57.2  | 51.6  | 77.4  |

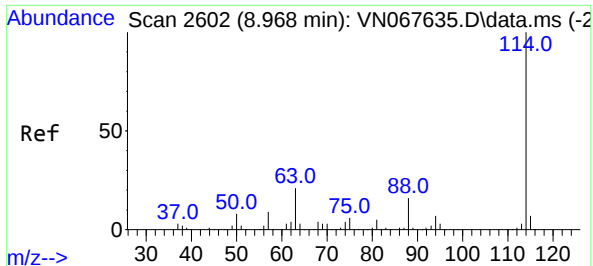


#33  
1,2-Dichloroethane-d4  
Concen: 49.848 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN067819.D  
Acq: 20 Jul 2021 15:58

Tgt Ion: 65 Resp: 268589

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 51.3  | 0.0   | 98.6  |

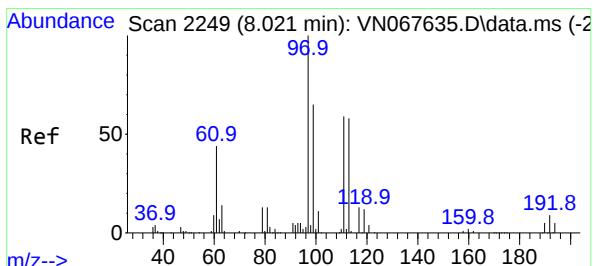
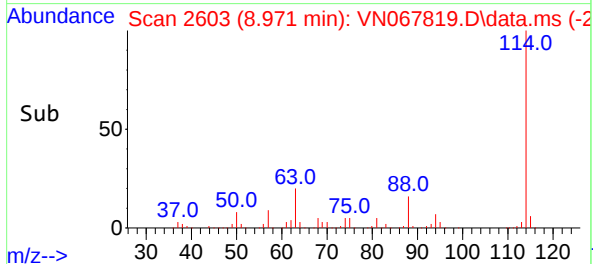
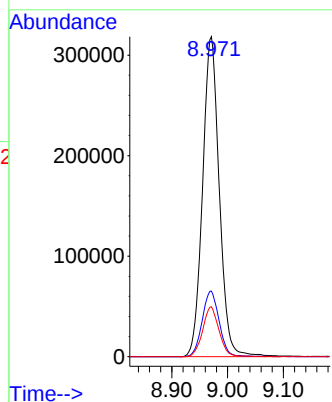
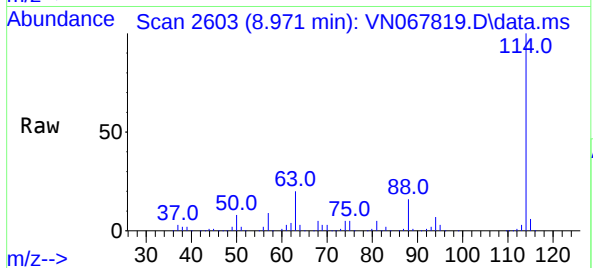




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN067819.D  
Acq: 20 Jul 2021 15:58

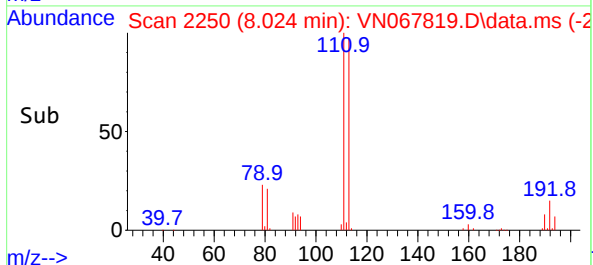
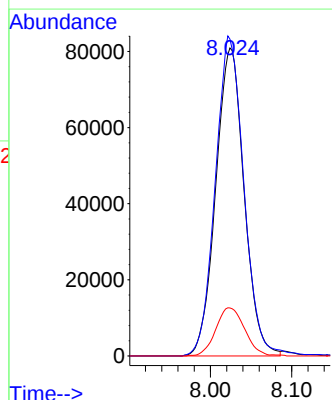
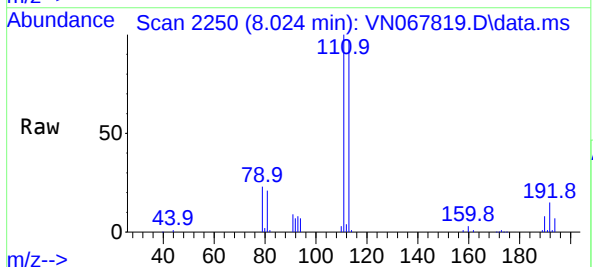
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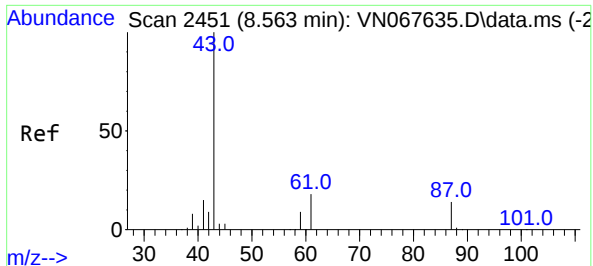
Tgt Ion:114 Resp: 661869  
Ion Ratio Lower Upper  
114 100  
63 20.5 0.0 49.0  
88 15.6 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 49.064 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN067819.D  
Acq: 20 Jul 2021 15:58

Tgt Ion:113 Resp: 196199  
Ion Ratio Lower Upper  
113 100  
111 104.7 83.8 125.8  
192 16.0 13.4 20.0

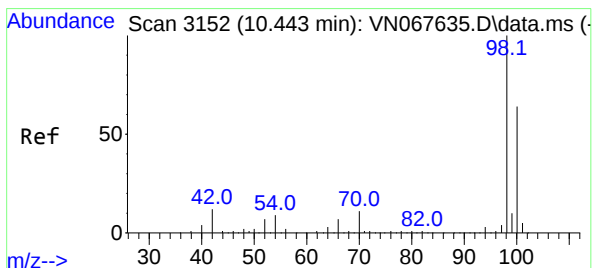
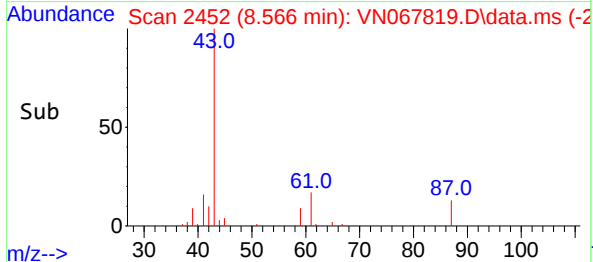
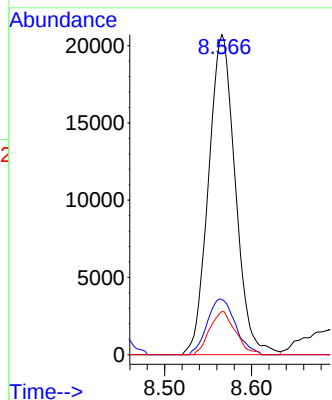
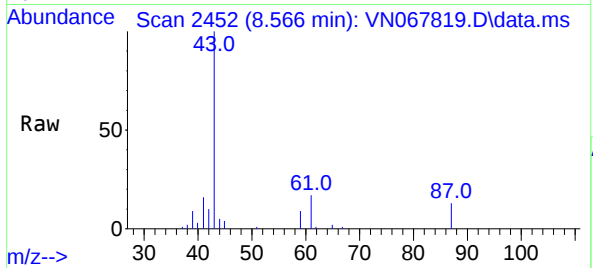




#43  
Isopropyl Acetate  
Concen: 4.233 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. 0.003 min  
Lab File: VN067819.D  
Acq: 20 Jul 2021 15:58

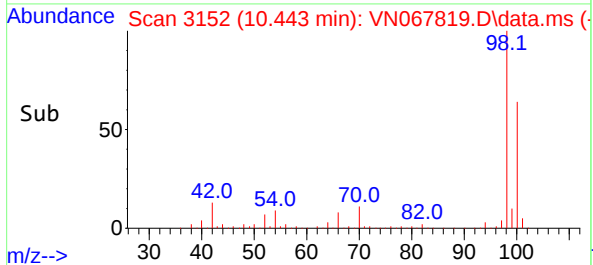
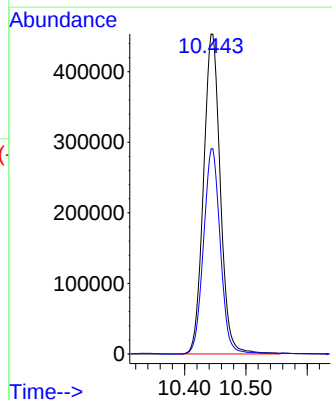
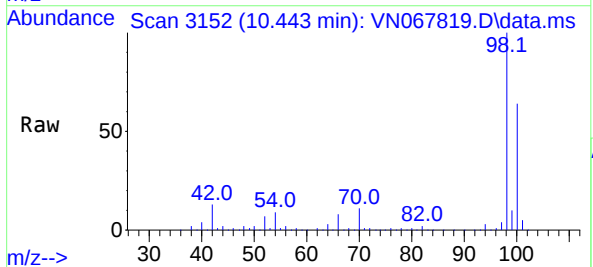
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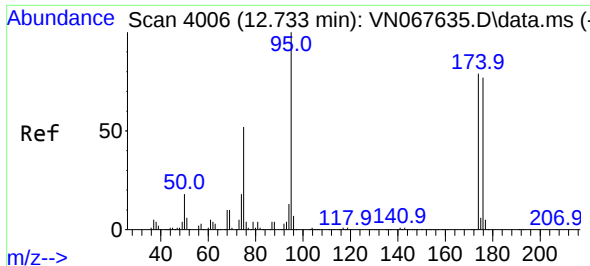
Tgt Ion: 43 Resp: 44360  
Ion Ratio Lower Upper  
43 100  
61 18.3 19.0 28.4#  
87 12.9 9.5 14.3



#50  
Toluene-d8  
Concen: 51.649 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN067819.D  
Acq: 20 Jul 2021 15:58

Tgt Ion: 98 Resp: 864504  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.7 77.5

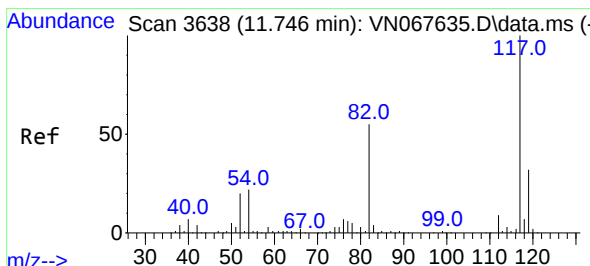
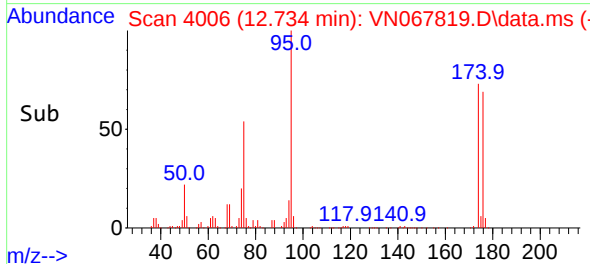
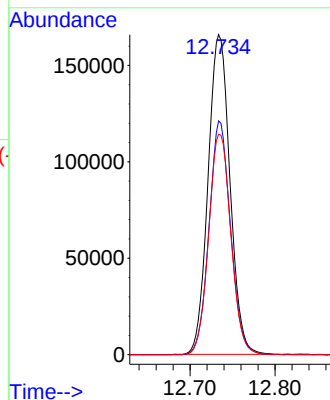
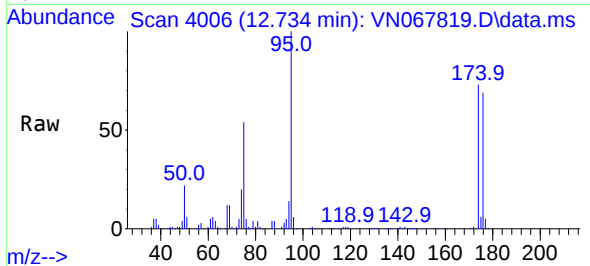




#62  
4-Bromofluorobenzene  
Concen: 50.258 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.001 min  
Lab File: VN067819.D  
Acq: 20 Jul 2021 15:58

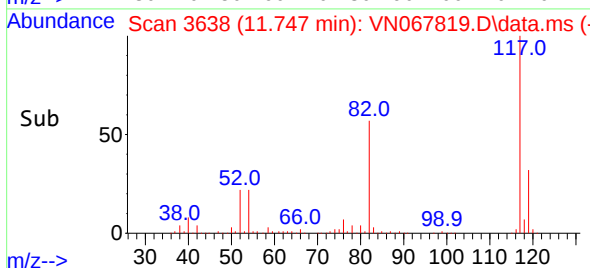
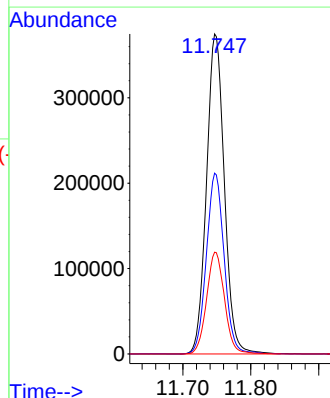
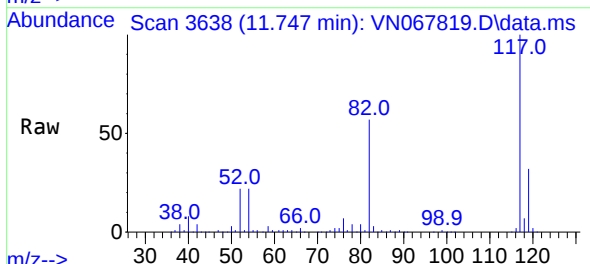
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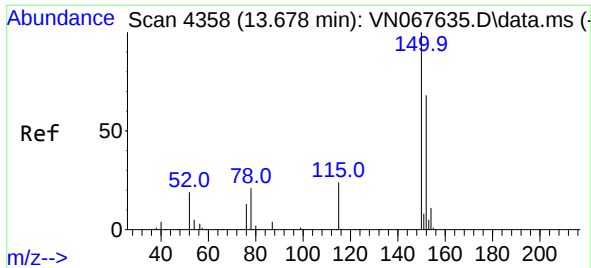
Tgt Ion: 95 Resp: 297170  
Ion Ratio Lower Upper  
95 100  
174 71.9 0.0 122.0  
176 69.8 0.0 117.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN067819.D  
Acq: 20 Jul 2021 15:58

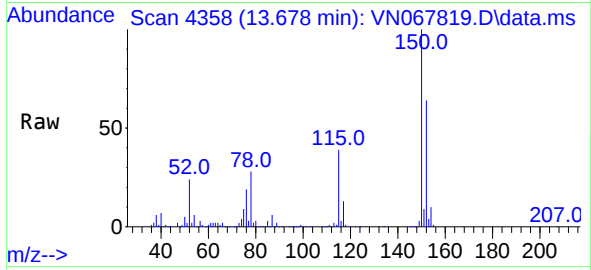
Tgt Ion: 117 Resp: 683831  
Ion Ratio Lower Upper  
117 100  
82 56.5 53.1 79.7  
119 31.8 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.678 min Scan# 4358  
 Delta R.T. 0.000 min  
 Lab File: VN067819.D  
 Acq: 20 Jul 2021 15:58

Instrument :  
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 ClientSampleId :  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 260010 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 62.5  | 36.1  | 108.5  |
| 150      | 155.4 | 0.0   | 351.8  |

