

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081621\  
 Data File : VN068125.D  
 Acq On : 16 Aug 2021 19:03  
 Operator : JC/MD  
 Sample : PB138399ZHE#14  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB138399ZHE#14

Quant Time: Aug 17 07:16:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072921W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 29 15:02:35 2021  
 Response via : Initial Calibration

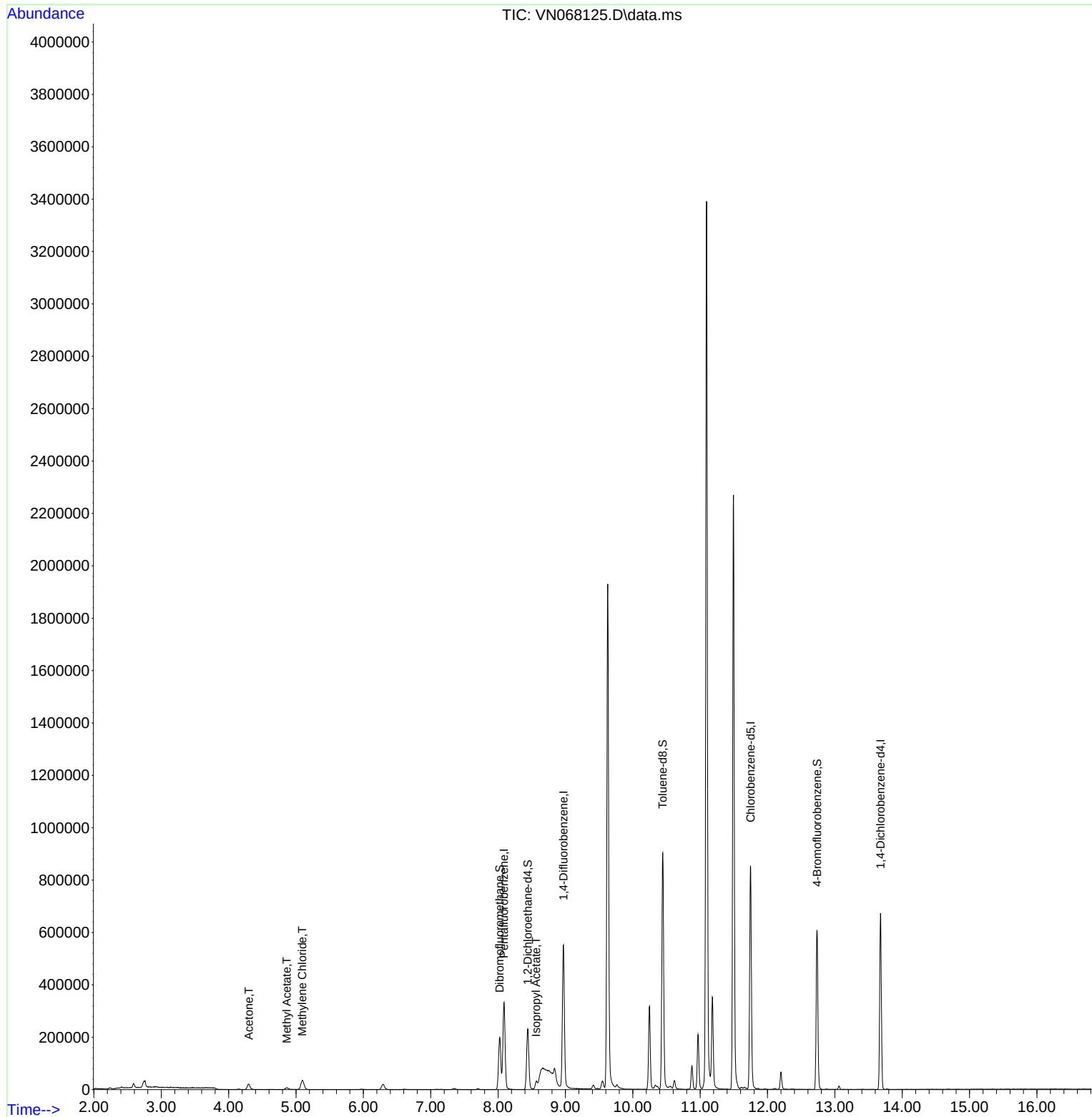
| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 8.088          | 168  | 231603              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.971          | 114  | 467524              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.749         | 117  | 495265              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.677         | 152  | 172080              | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.440          | 65   | 195059              | 59.492 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 118.980% |        |        |          |
| 35) Dibromofluoromethane    | 8.024          | 113  | 145126              | 53.264 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 106.520% |        |        |          |
| 50) Toluene-d8              | 10.443         | 98   | 641282              | 50.921 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 101.840% |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.736         | 95   | 213075              | 46.663 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 93.320%  |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        | Qvalue |          |
| 16) Acetone                 | 4.299          | 43   | 39764               | 33.238 | ug/l   | 99       |
| 18) Methyl Acetate          | 4.862          | 43   | 13430               | 4.576  | ug/l   | 94       |
| 20) Methylene Chloride      | 5.092          | 84   | 27775               | 9.826  | ug/l   | 91       |
| 43) Isopropyl Acetate       | 8.566          | 43   | 37221               | 5.488  | ug/l # | 92       |
| -----                       |                |      |                     |        |        |          |

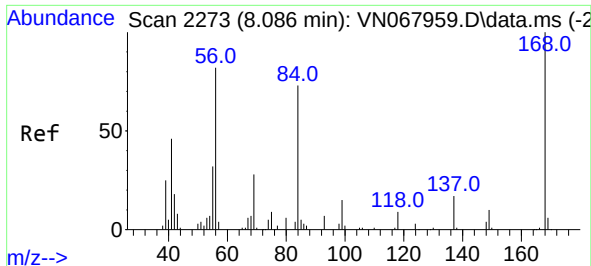
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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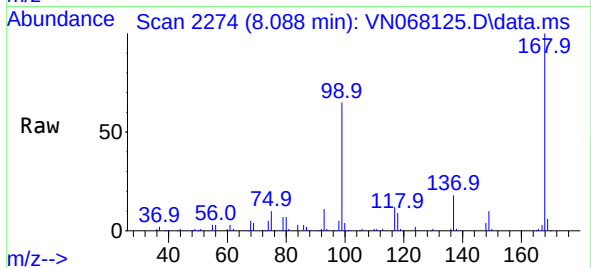
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072921W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 29 15:02:35 2021  
Response via : Initial Calibration



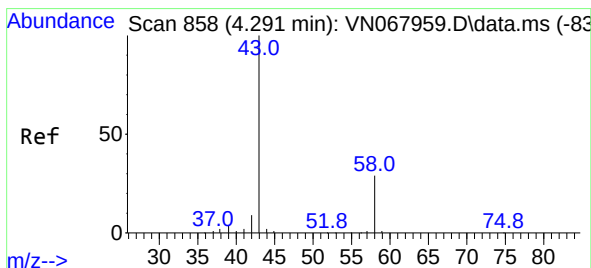
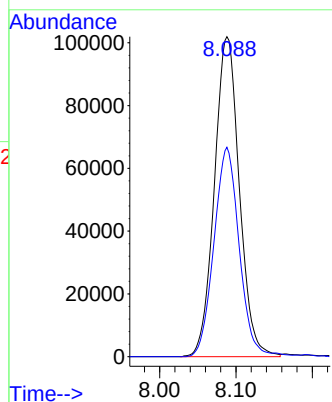
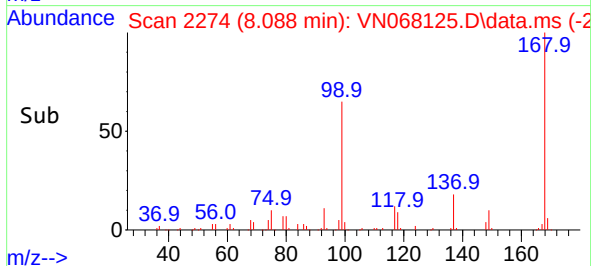


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN068125.D  
Acq: 16 Aug 2021 19:03

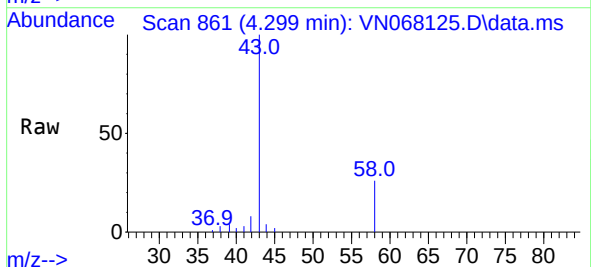
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399ZHE#14



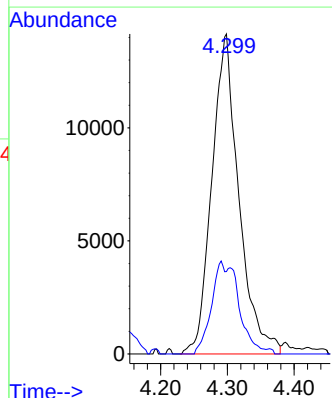
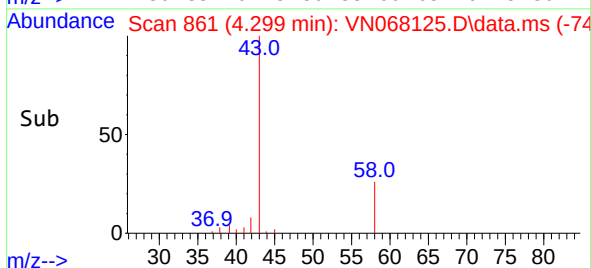
Tgt Ion:168 Resp: 231603  
Ion Ratio Lower Upper  
168 100  
99 65.4 62.9 94.3

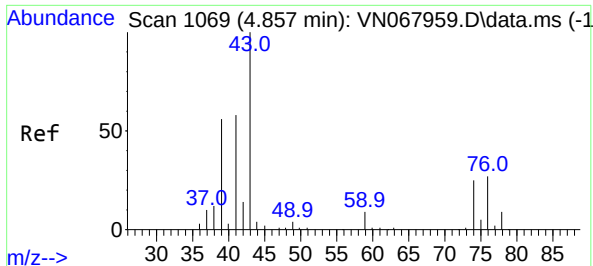


#16  
Acetone  
Concen: 33.238 ug/l  
RT: 4.299 min Scan# 861  
Delta R.T. 0.008 min  
Lab File: VN068125.D  
Acq: 16 Aug 2021 19:03



Tgt Ion: 43 Resp: 39764  
Ion Ratio Lower Upper  
43 100  
58 25.7 21.2 31.8

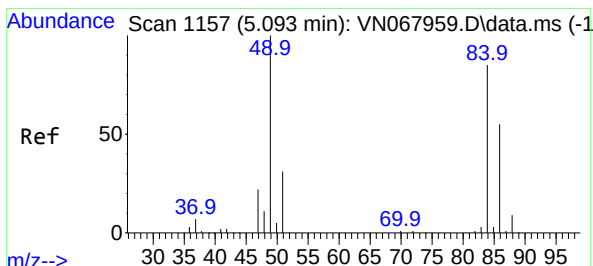
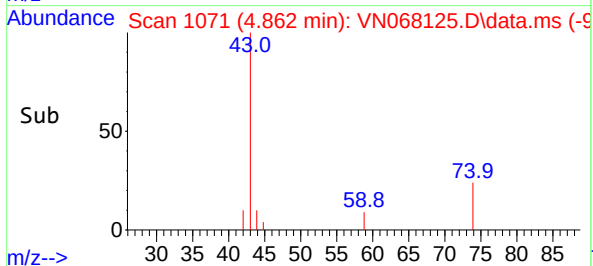
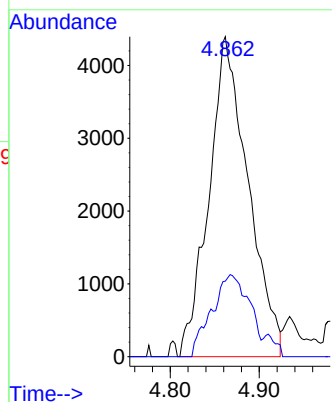
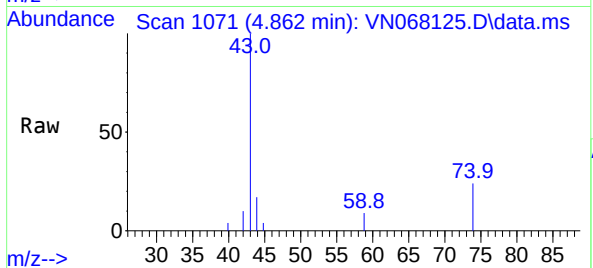




#18  
Methyl Acetate  
Concen: 4.576 ug/l  
RT: 4.862 min Scan# 1071  
Delta R.T. 0.005 min  
Lab File: VN068125.D  
Acq: 16 Aug 2021 19:03

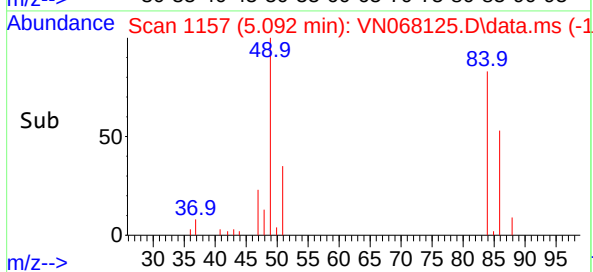
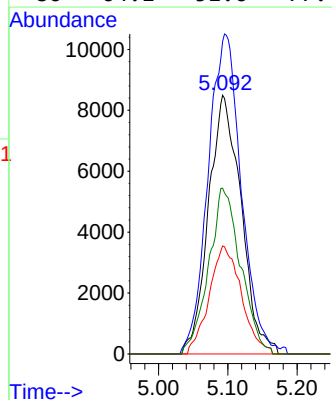
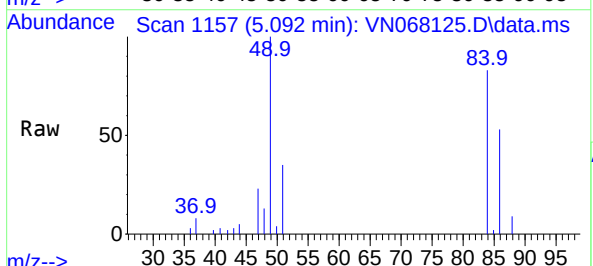
Instrument :  
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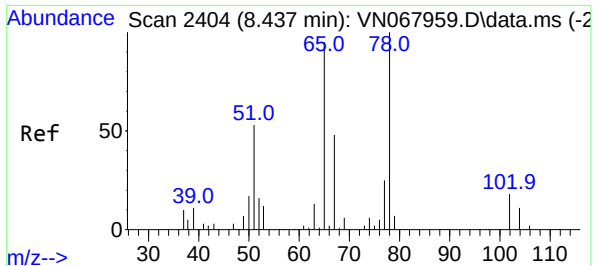
Tgt Ion: 43 Resp: 13430  
Ion Ratio Lower Upper  
43 100  
74 24.6 17.4 26.0



#20  
Methylene Chloride  
Concen: 9.826 ug/l  
RT: 5.092 min Scan# 1157  
Delta R.T. -0.001 min  
Lab File: VN068125.D  
Acq: 16 Aug 2021 19:03

Tgt Ion: 84 Resp: 27775  
Ion Ratio Lower Upper  
84 100  
49 120.8 110.9 166.3  
51 41.8 32.6 49.0  
86 64.1 51.6 77.4

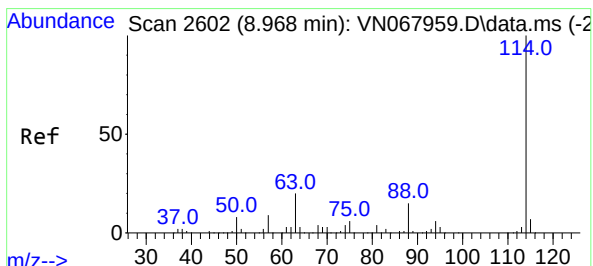
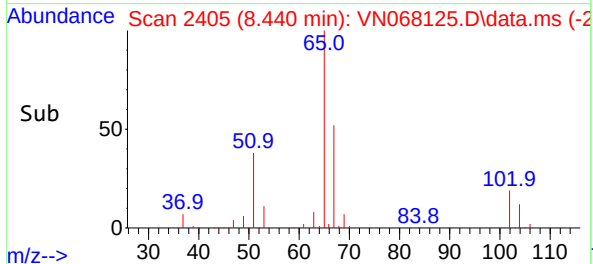
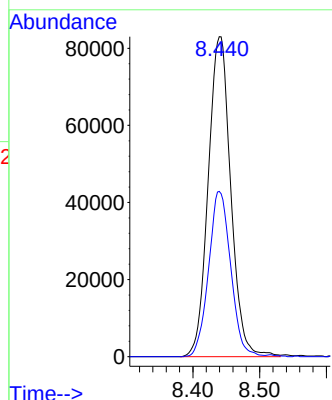
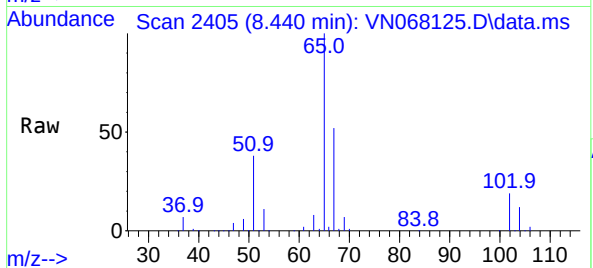




#33  
1,2-Dichloroethane-d4  
Concen: 59.492 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.003 min  
Lab File: VN068125.D  
Acq: 16 Aug 2021 19:03

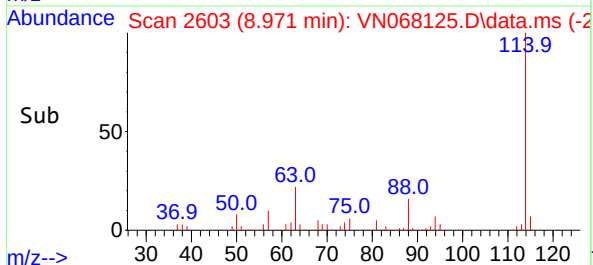
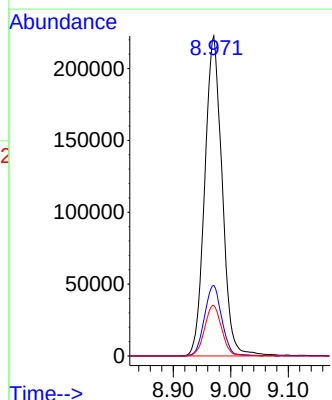
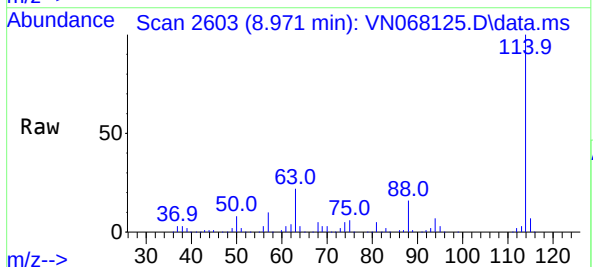
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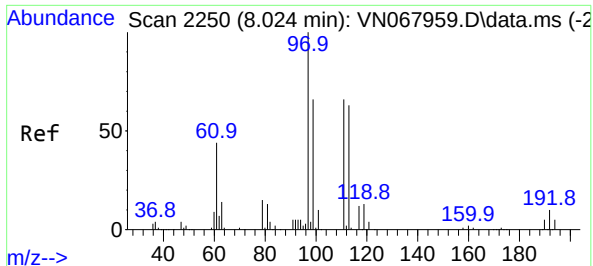
Tgt Ion: 65 Resp: 195059  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 98.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN068125.D  
Acq: 16 Aug 2021 19:03

Tgt Ion: 114 Resp: 467524  
Ion Ratio Lower Upper  
114 100  
63 22.0 0.0 49.0  
88 15.8 0.0 36.6

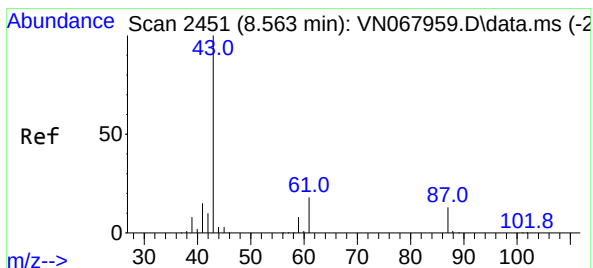
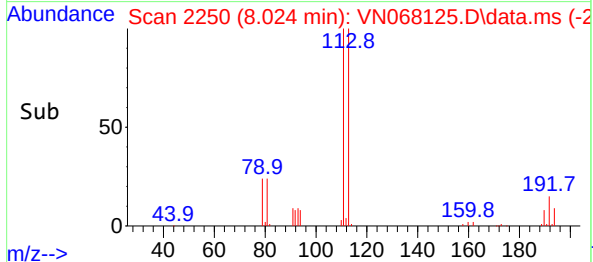
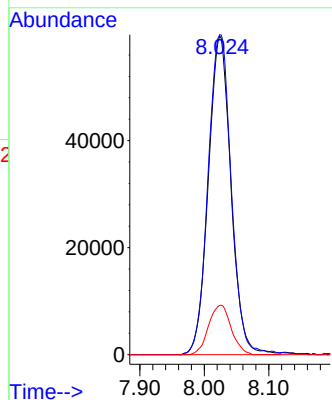
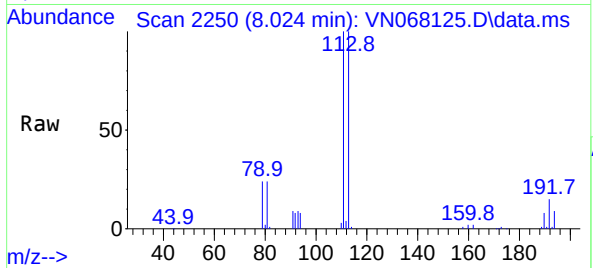




#35  
Dibromofluoromethane  
Concen: 53.264 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. -0.000 min  
Lab File: VN068125.D  
Acq: 16 Aug 2021 19:03

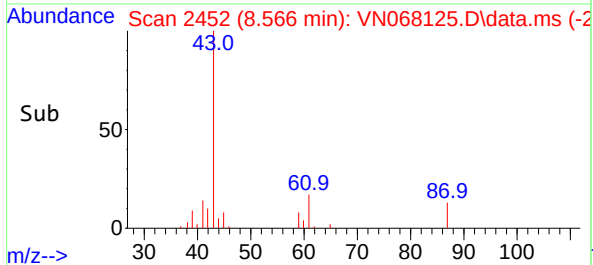
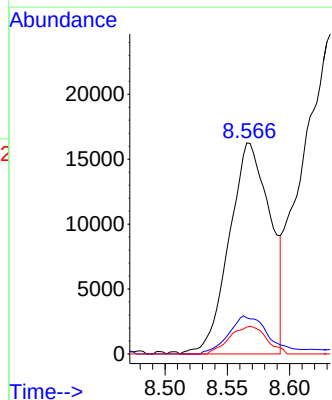
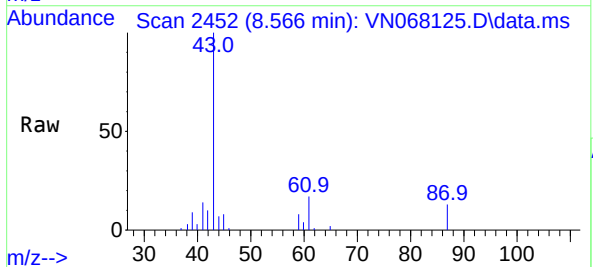
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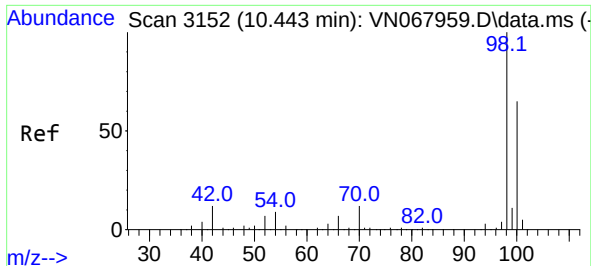
Tgt Ion:113 Resp: 145126  
Ion Ratio Lower Upper  
113 100  
111 102.6 83.8 125.8  
192 15.6 13.4 20.0



#43  
Isopropyl Acetate  
Concen: 5.488 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. 0.003 min  
Lab File: VN068125.D  
Acq: 16 Aug 2021 19:03

Tgt Ion: 43 Resp: 37221  
Ion Ratio Lower Upper  
43 100  
61 17.5 19.0 28.4#  
87 11.8 9.5 14.3

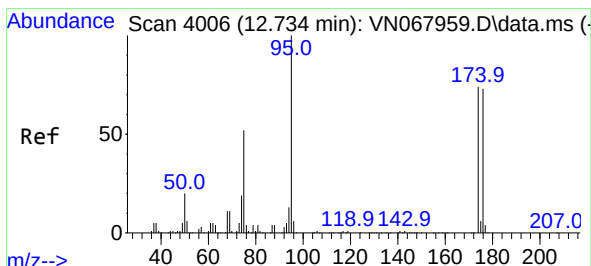
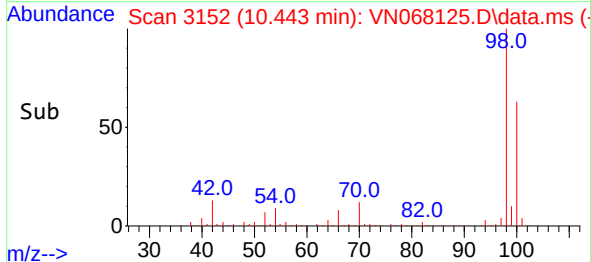
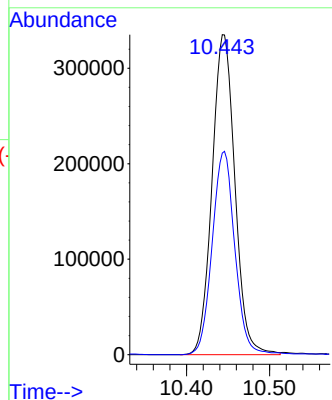
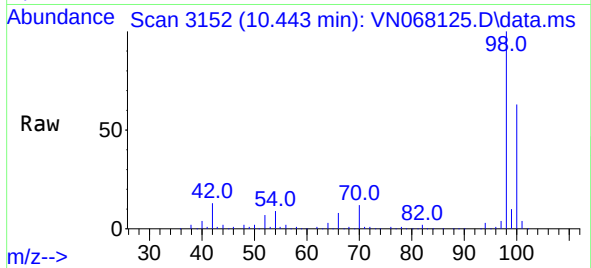




#50  
Toluene-d8  
Concen: 50.921 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN068125.D  
Acq: 16 Aug 2021 19:03

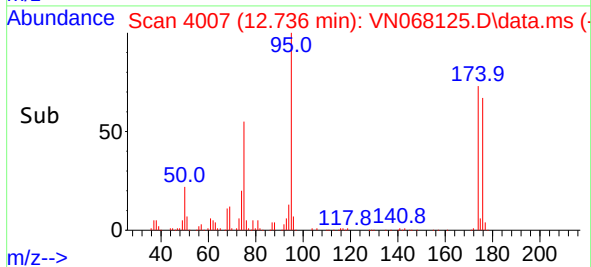
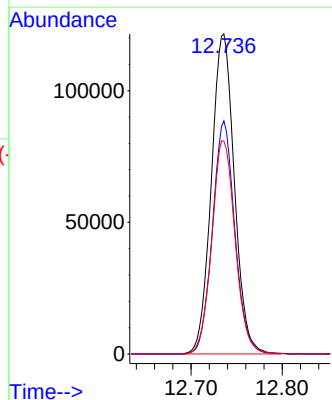
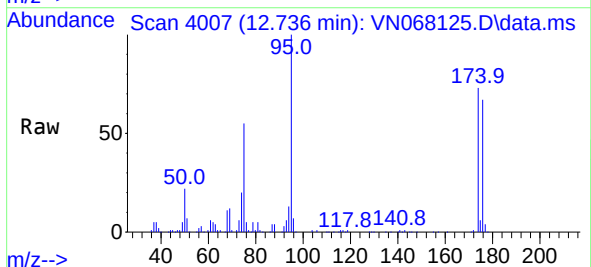
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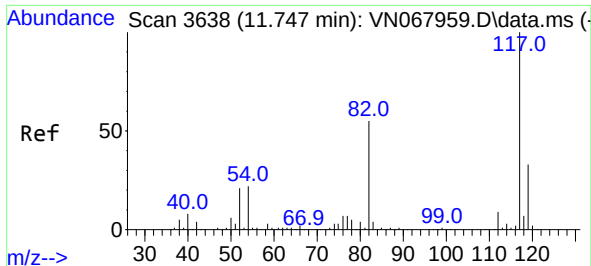
Tgt Ion: 98 Resp: 641282  
Ion Ratio Lower Upper  
98 100  
100 63.0 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 46.663 ug/l  
RT: 12.736 min Scan# 4007  
Delta R.T. 0.002 min  
Lab File: VN068125.D  
Acq: 16 Aug 2021 19:03

Tgt Ion: 95 Resp: 213075  
Ion Ratio Lower Upper  
95 100  
174 71.1 0.0 122.0  
176 67.5 0.0 117.6

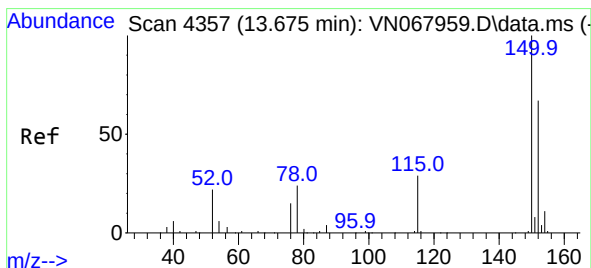
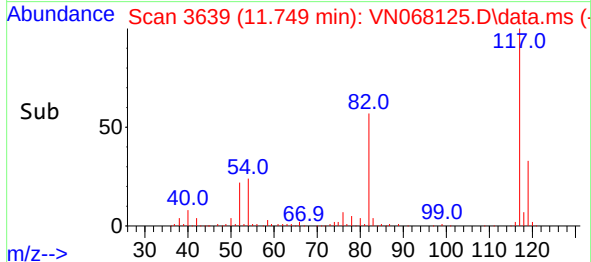
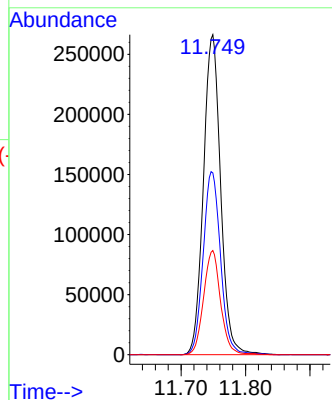
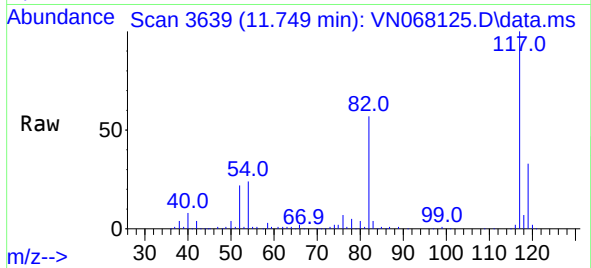




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.002 min  
Lab File: VN068125.D  
Acq: 16 Aug 2021 19:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399ZHE#14

Tgt Ion:117 Resp: 495265  
Ion Ratio Lower Upper  
117 100  
82 56.8 53.1 79.7  
119 32.5 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. 0.002 min  
Lab File: VN068125.D  
Acq: 16 Aug 2021 19:03

Tgt Ion:152 Resp: 172080  
Ion Ratio Lower Upper  
152 100  
115 62.8 36.1 108.5  
150 157.1 0.0 351.8

