

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072021\  
 Data File : VN067827.D  
 Acq On : 20 Jul 2021 19:14  
 Operator : JC/MD  
 Sample : M3089-08  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PAR-N2-C-TOP-(0)

Manual Integrations  
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 7/21/2021 5:53:03 PM

Quant Time: Jul 21 05:11:36 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  | 304083              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.971          | 114  | 575598              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.746         | 117  | 578632              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.677         | 152  | 212209              | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.440          | 65   | 240033              | 52.231 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 104.460% |        |        |          |
| 35) Dibromofluoromethane    | 8.024          | 113  | 174792              | 50.262 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 100.520% |        |        |          |
| 50) Toluene-d8              | 10.443         | 98   | 748279              | 51.405 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 102.820% |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.733         | 95   | 252914              | 49.184 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 98.360%  |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        | Qvalue |          |
| 16) Acetone                 | 4.291          | 43   | 37157               | 25.695 | ug/l   | 98       |
| 18) Methyl Acetate          | 4.859          | 43   | 8938m               | 2.201  | ug/l   |          |
| 20) Methylene Chloride      | 5.098          | 84   | 32708               | 9.120  | ug/l   | 91       |
| 43) Isopropyl Acetate       | 8.566          | 43   | 31577               | 3.465  | ug/l # | 89       |
| -----                       |                |      |                     |        |        |          |

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

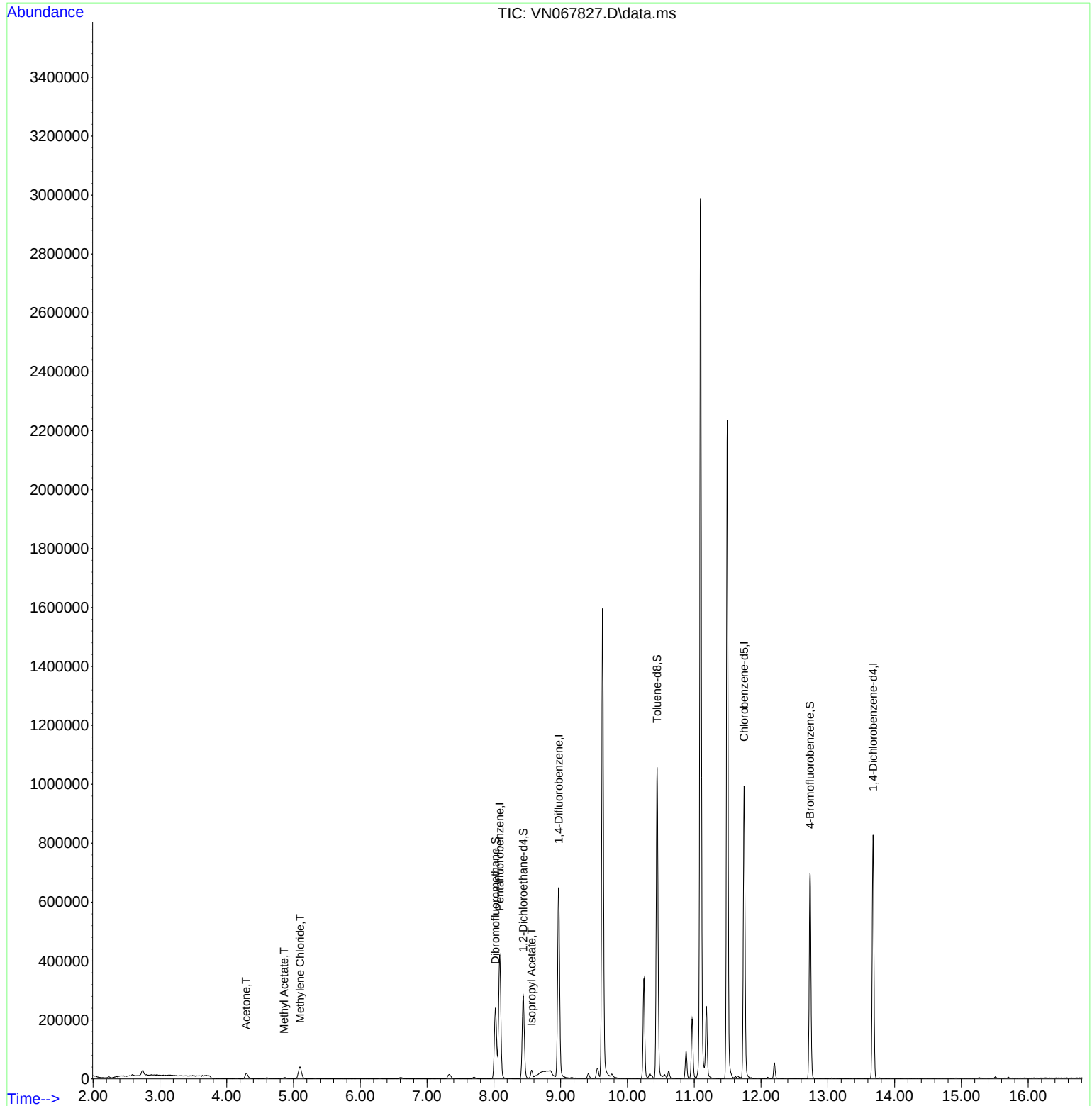
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072021\  
Data File : VN067827.D  
Acq On : 20 Jul 2021 19:14  
Operator : JC/MD  
Sample : M3089-08  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 18 Sample Multiplier: 1

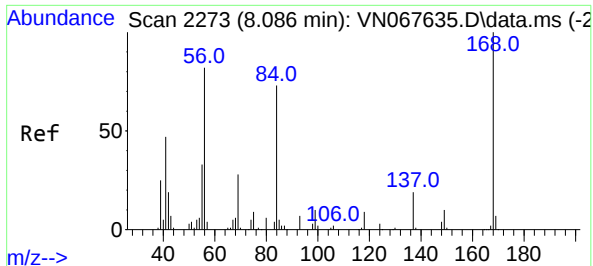
Instrument :  
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Quant Time: Jul 21 05:11:36 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 07 16:18:53 2021  
Response via : Initial Calibration





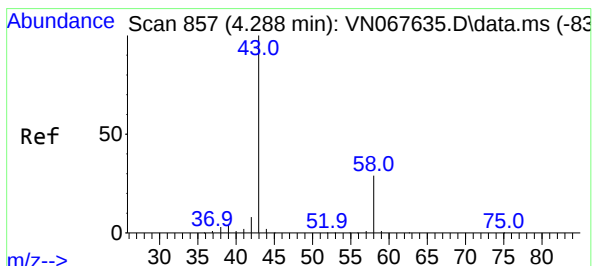
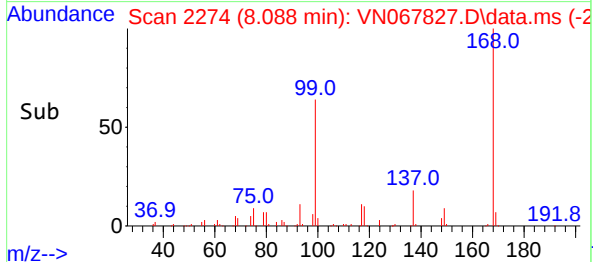
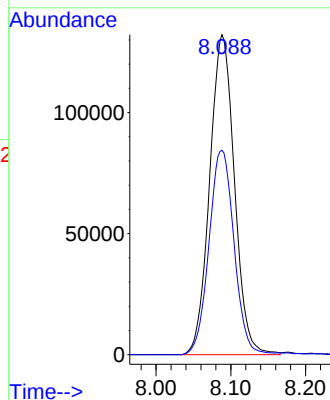
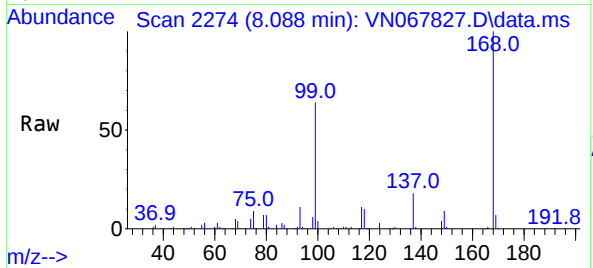
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN067827.D  
Acq: 20 Jul 2021 19:14

Tgt Ion: 168 Resp: 304083  
Ion Ratio Lower Upper  
168 100  
99 63.9 62.9 94.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
PAR-N2-C-TOP-(0)

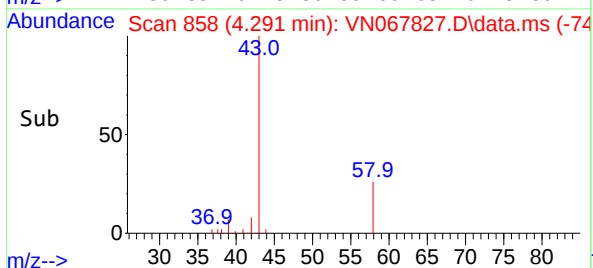
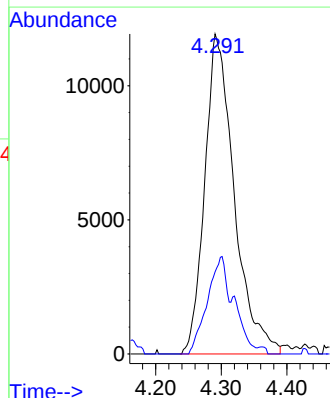
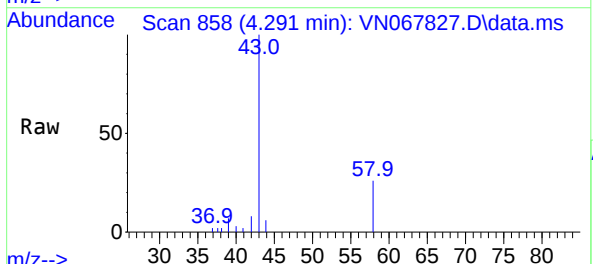
Manual Integrations  
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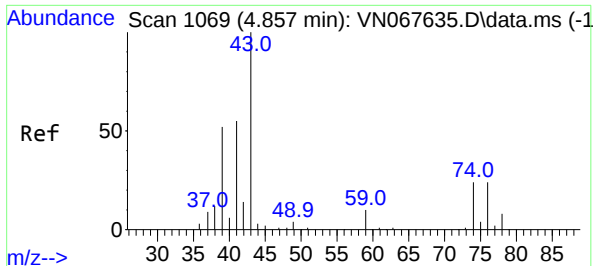
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#16  
Acetone  
Concen: 25.695 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. 0.003 min  
Lab File: VN067827.D  
Acq: 20 Jul 2021 19:14

Tgt Ion: 43 Resp: 37157  
Ion Ratio Lower Upper  
43 100  
58 25.6 21.2 31.8





#18

Methyl Acetate

Concen: 2.201 ug/l m

RT: 4.859 min Scan# 1070

Delta R.T. 0.002 min

Lab File: VN067827.D

Acq: 20 Jul 2021 19:14

Tgt Ion: 43 Resp: 8938

Ion Ratio Lower Upper

43 100

74 2.4 17.4 26.0#

Instrument :

MSVOA\_N

ClientSampleId :

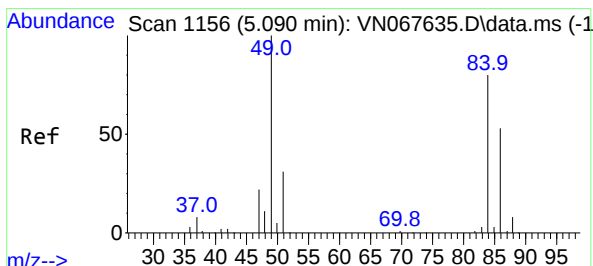
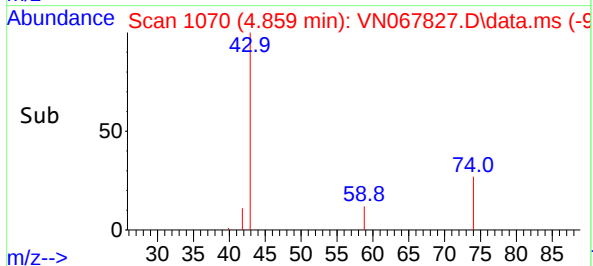
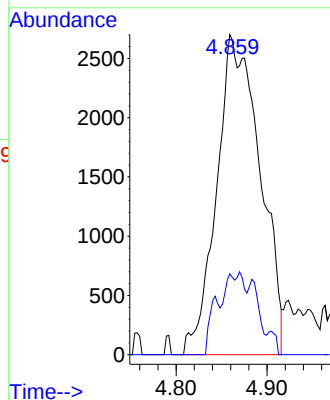
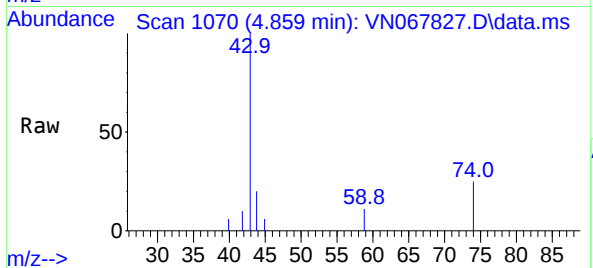
PAR-N2-C-TOP-(0)

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#20

Methylene Chloride

Concen: 9.120 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.008 min

Lab File: VN067827.D

Acq: 20 Jul 2021 19:14

Tgt Ion: 84 Resp: 32708

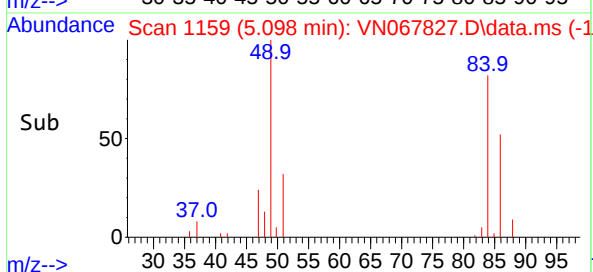
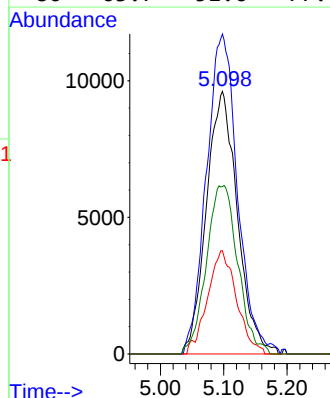
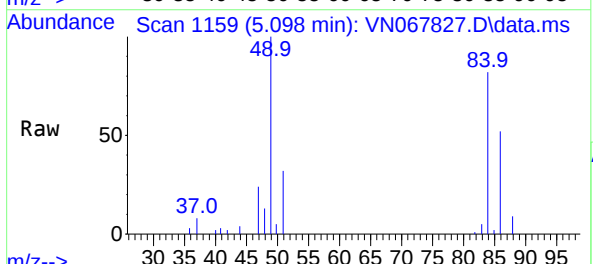
Ion Ratio Lower Upper

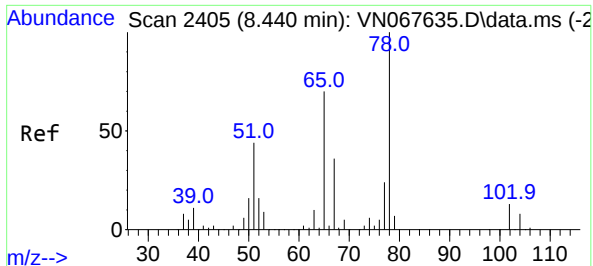
84 100

49 121.9 110.9 166.3

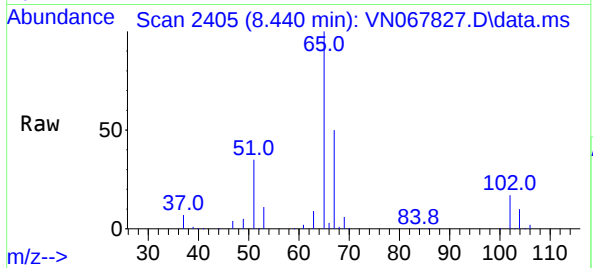
51 39.3 32.6 49.0

86 63.7 51.6 77.4

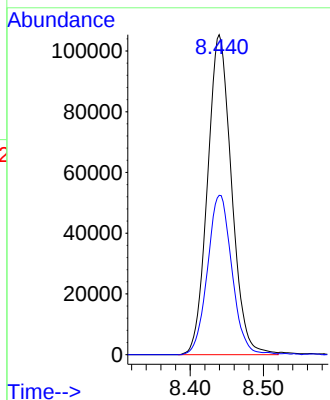
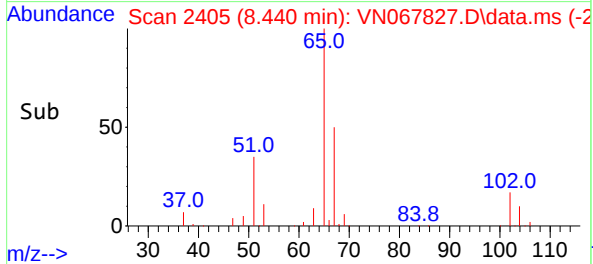




#33  
1,2-Dichloroethane-d4  
Concen: 52.231 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN067827.D  
Acq: 20 Jul 2021 19:14



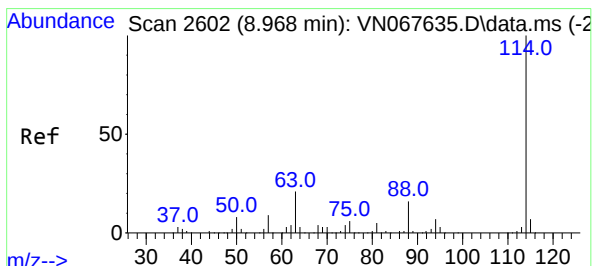
Tgt Ion: 65 Resp: 240033  
Ion Ratio Lower Upper  
65 100  
67 50.4 0.0 98.6



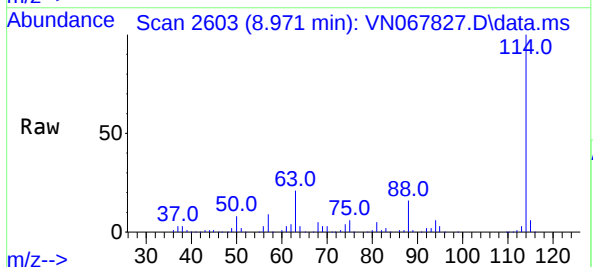
Instrument :  
MSVOA\_N  
ClientSampleId :  
PAR-N2-C-TOP-(0)

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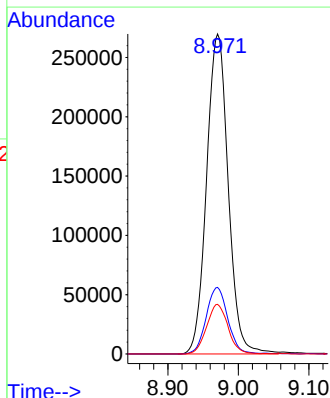
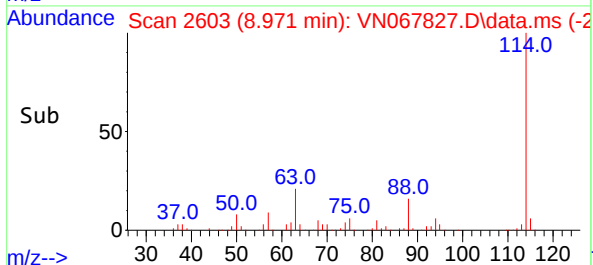
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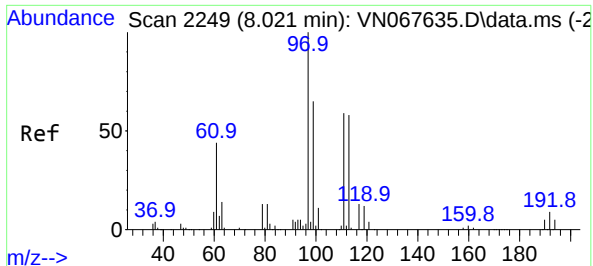


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN067827.D  
Acq: 20 Jul 2021 19:14

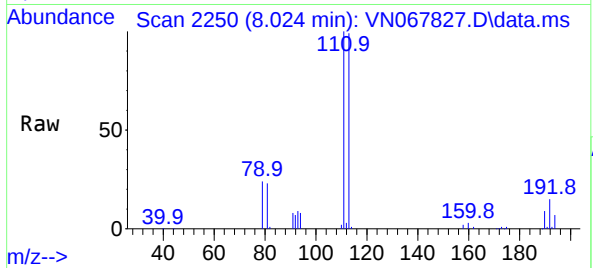


Tgt Ion: 114 Resp: 575598  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 49.0  
88 15.5 0.0 36.6

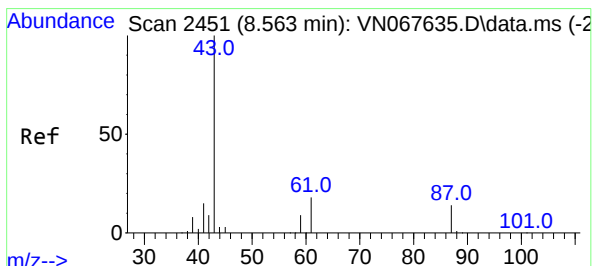
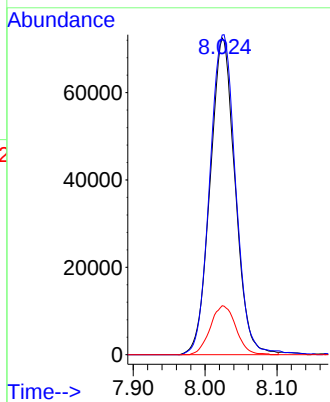
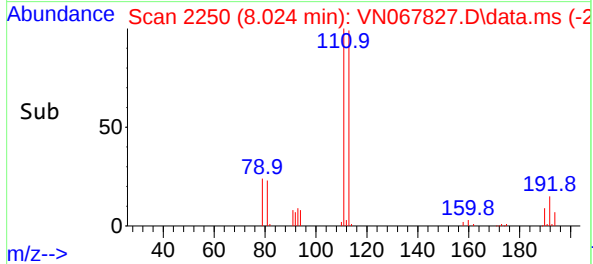




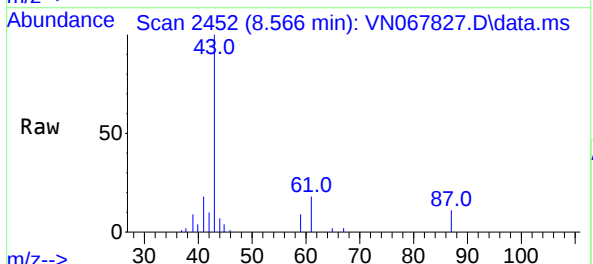
#35  
Dibromofluoromethane  
Concen: 50.262 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN067827.D  
Acq: 20 Jul 2021 19:14



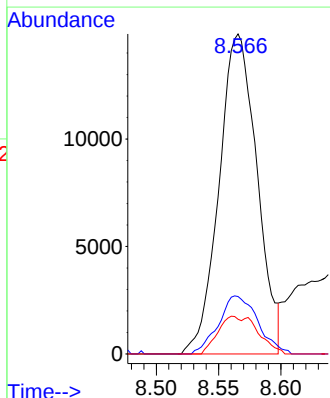
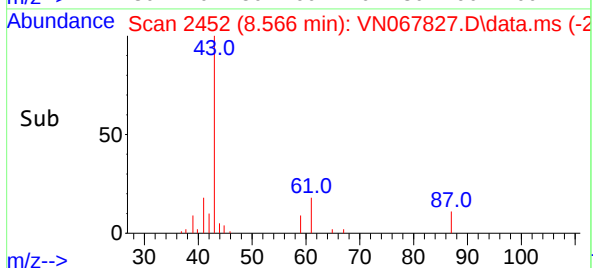
Tgt Ion:113 Resp: 174792  
Ion Ratio Lower Upper  
113 100  
111 104.0 83.8 125.8  
192 15.9 13.4 20.0



#43  
Isopropyl Acetate  
Concen: 3.465 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. 0.003 min  
Lab File: VN067827.D  
Acq: 20 Jul 2021 19:14



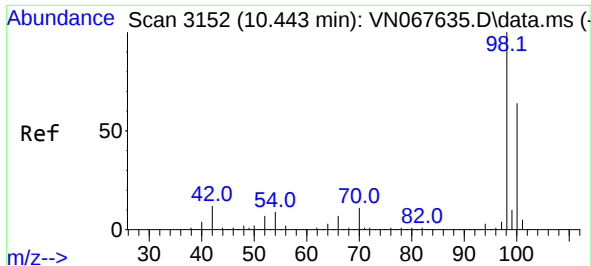
Tgt Ion: 43 Resp: 31577  
Ion Ratio Lower Upper  
43 100  
61 18.8 19.0 28.4#  
87 7.2 9.5 14.3#



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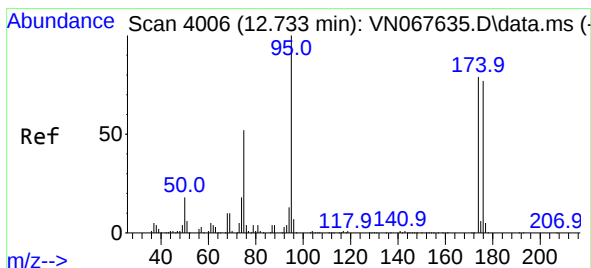
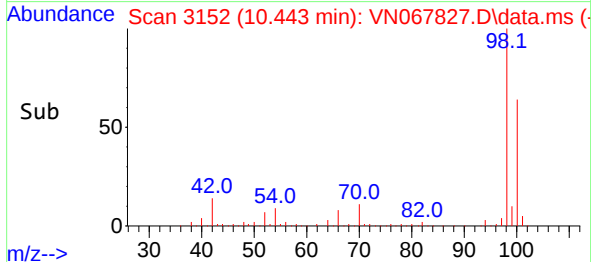
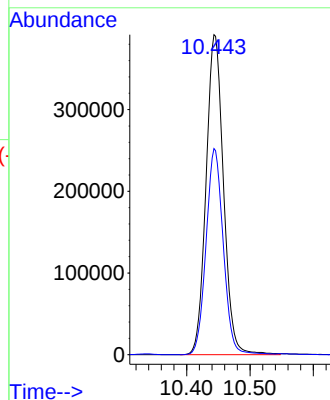
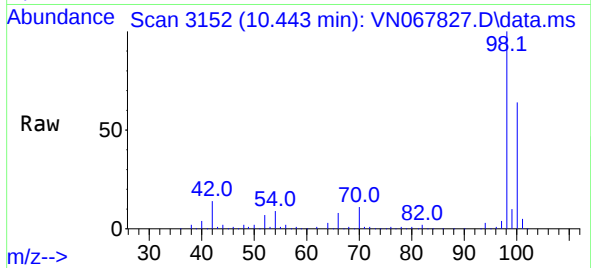
#50  
Toluene-d8  
Concen: 51.405 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN067827.D  
Acq: 20 Jul 2021 19:14

Tgt Ion: 98 Resp: 748279  
Ion Ratio Lower Upper  
98 100  
100 63.6 51.7 77.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
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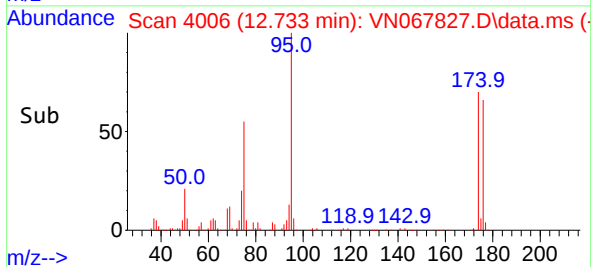
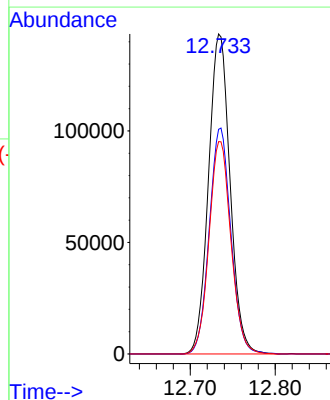
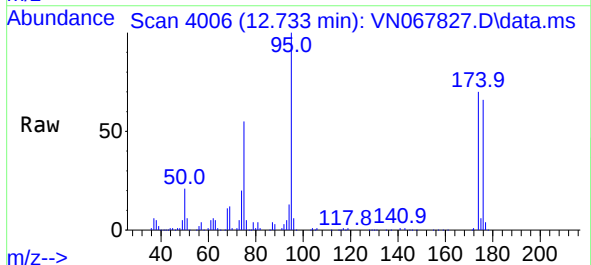
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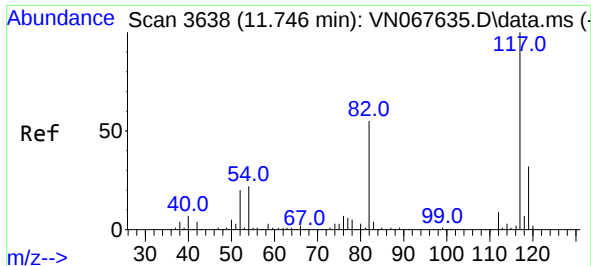
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7/21/2021 5:53:03 PM



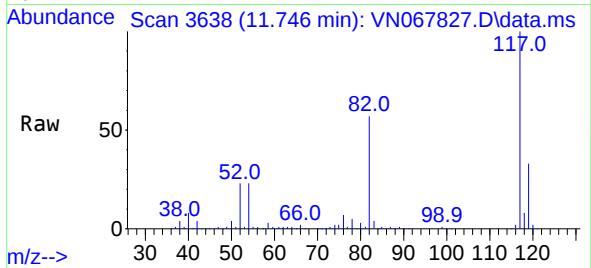
#62  
4-Bromofluorobenzene  
Concen: 49.184 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067827.D  
Acq: 20 Jul 2021 19:14

Tgt Ion: 95 Resp: 252914  
Ion Ratio Lower Upper  
95 100  
174 70.7 0.0 122.0  
176 67.4 0.0 117.6

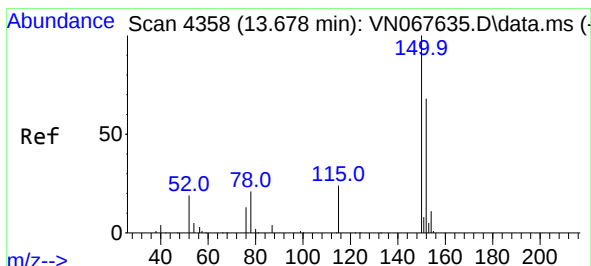
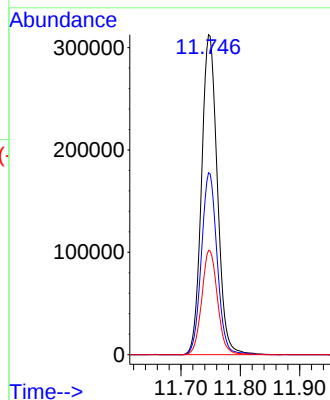
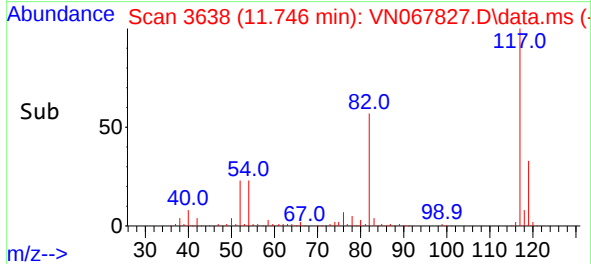




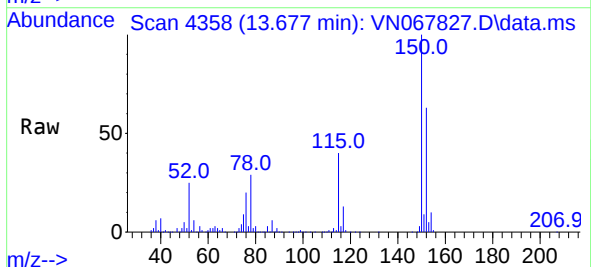
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Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN067827.D  
Acq: 20 Jul 2021 19:14



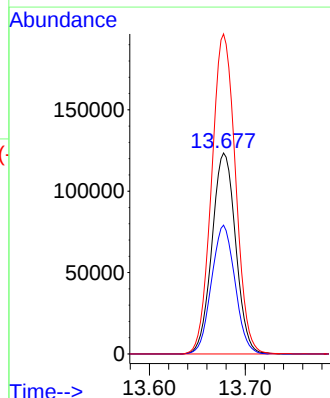
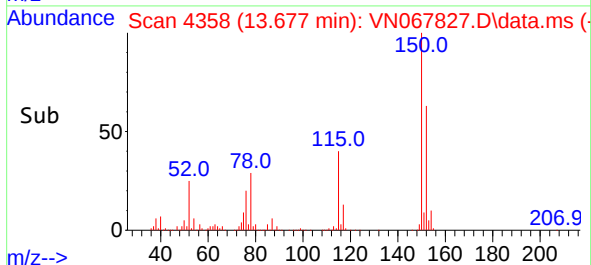
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Ion Ratio Lower Upper  
117 100  
82 56.8 53.1 79.7  
119 32.6 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. -0.000 min  
Lab File: VN067827.D  
Acq: 20 Jul 2021 19:14



Tgt Ion:152 Resp: 212209  
Ion Ratio Lower Upper  
152 100  
115 63.5 36.1 108.5  
150 160.3 0.0 351.8



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