

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070221\  
 Data File : VN067621.D  
 Acq On : 2 Jul 2021 17:04  
 Operator : JC/MD  
 Sample : M2908-01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-CROPSEY-SOLIDS

Quant Time: Jul 05 05:02:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 02 12:55:54 2021  
 Response via : Initial Calibration

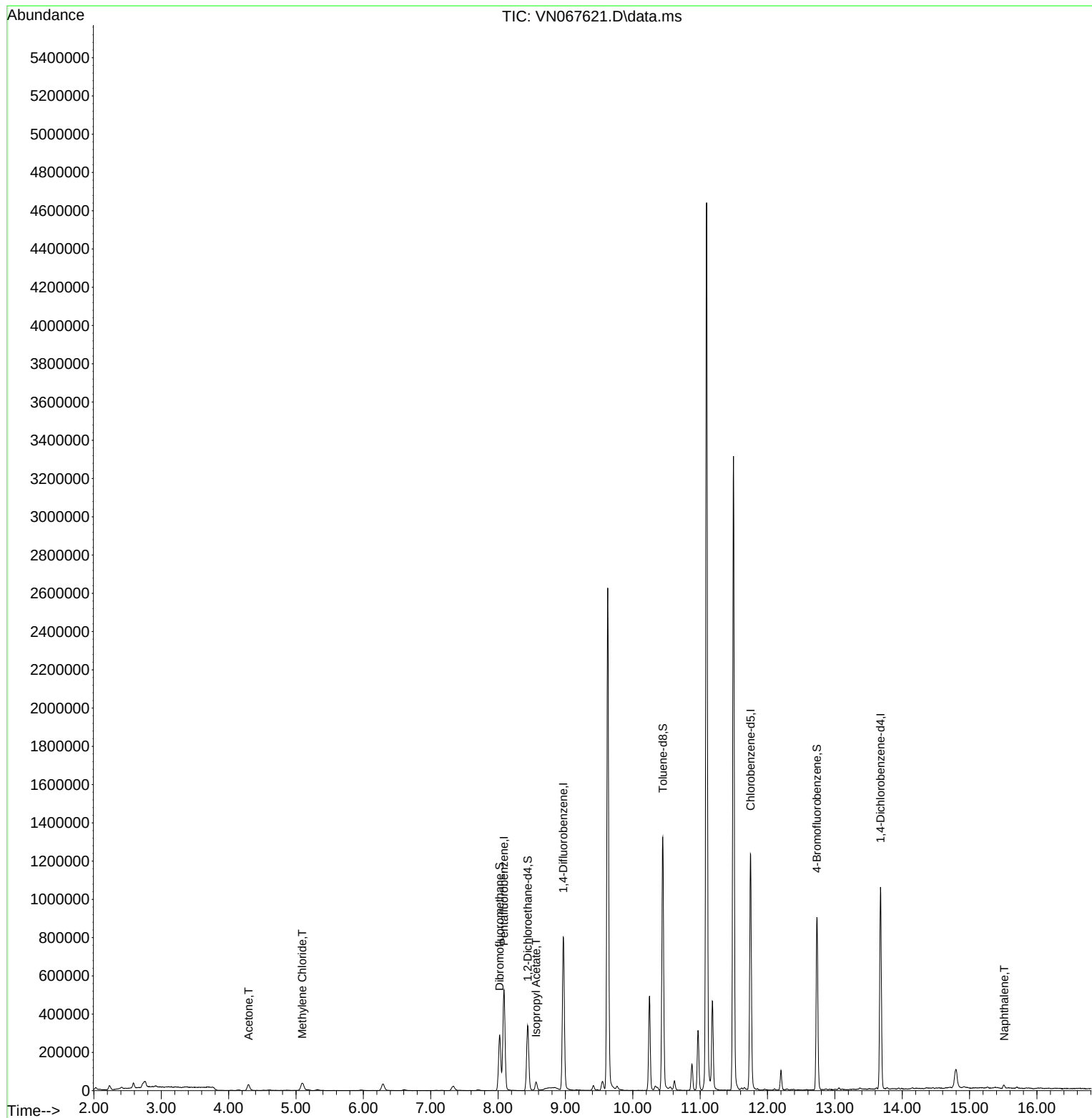
| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.088          | 168  | 379486     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.968          | 114  | 700223     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.749         | 117  | 708053     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678         | 152  | 271085     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.440          | 65   | 281012     | 49.486   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 98.980%  |        |          |
| 35) Dibromofluoromethane    | 8.024          | 113  | 207203     | 47.843   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 95.680%  |        |          |
| 50) Toluene-d8              | 10.446         | 98   | 919678     | 50.313   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 100.620% |        |          |
| 62) 4-Bromofluorobenzene    | 12.733         | 95   | 313614     | 48.094   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 96.180%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          | Qvalue |          |
| 16) Acetone                 | 4.296          | 43   | 57508      | 31.944   | ug/l   | 96       |
| 20) Methylene Chloride      | 5.093          | 84   | 32000      | 7.130    | ug/l   | 90       |
| 43) Isopropyl Acetate       | 8.563          | 43   | 50283      | 4.549    | ug/l   | 93       |
| 95) Naphthalene             | 15.515         | 128  | 15768      | 5.674    | ug/l # | 93       |
| -----                       |                |      |            |          |        |          |

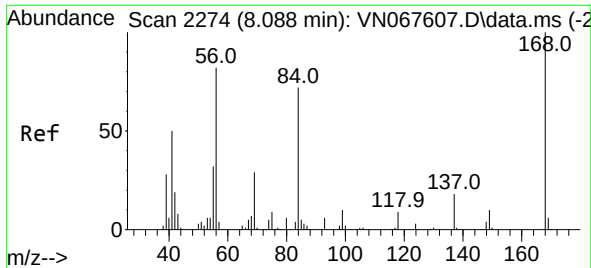
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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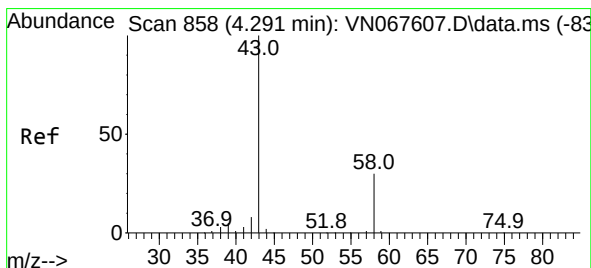
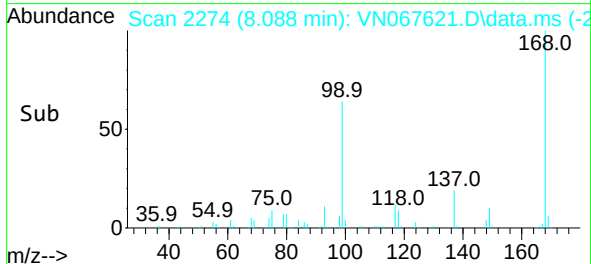
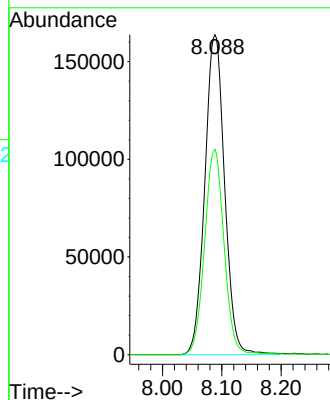
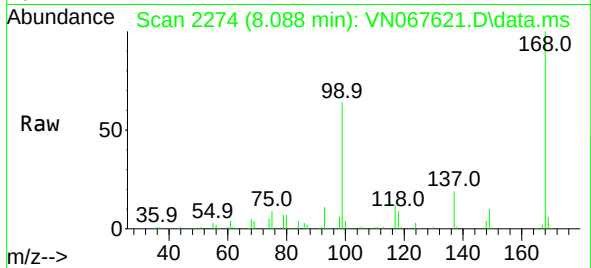




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN067621.D  
Acq: 2 Jul 2021 17:04

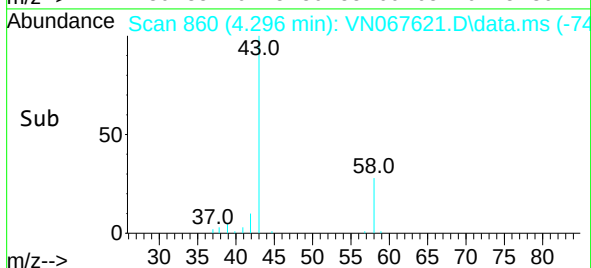
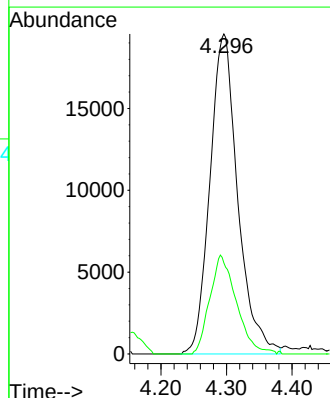
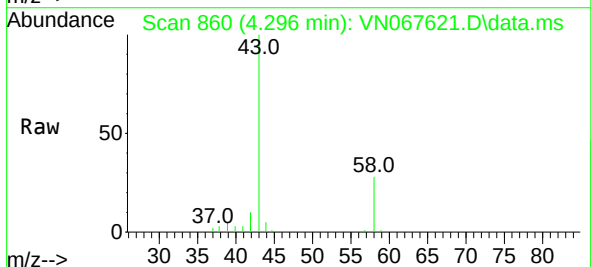
Instrument :  
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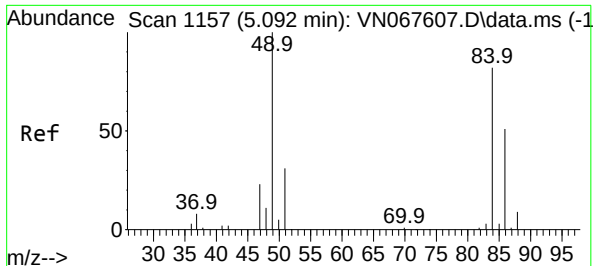
Tgt Ion:168 Resp: 379486  
Ion Ratio Lower Upper  
168 100  
99 64.2 62.9 94.3



#16  
Acetone  
Concen: 31.944 ug/l  
RT: 4.296 min Scan# 860  
Delta R.T. 0.005 min  
Lab File: VN067621.D  
Acq: 2 Jul 2021 17:04

Tgt Ion: 43 Resp: 57508  
Ion Ratio Lower Upper  
43 100  
58 28.4 21.2 31.8





#20

Methylene Chloride

Concen: 7.130 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. 0.001 min

Lab File: VN067621.D

Acq: 2 Jul 2021 17:04

Tgt Ion: 84 Resp: 32000

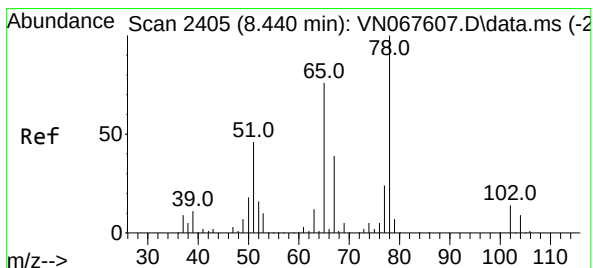
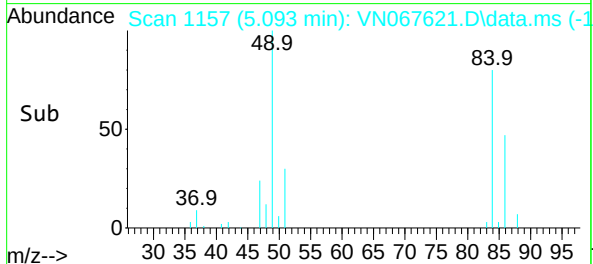
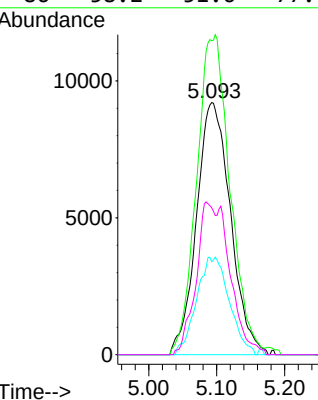
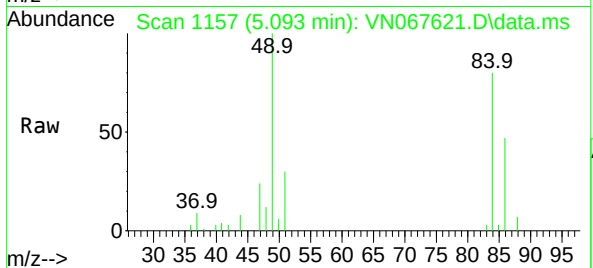
Ion Ratio Lower Upper

84 100

49 124.5 110.9 166.3

51 36.9 32.6 49.0

86 58.2 51.6 77.4



#33

1,2-Dichloroethane-d4

Concen: 49.486 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN067621.D

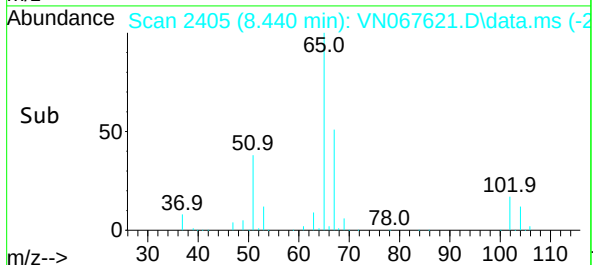
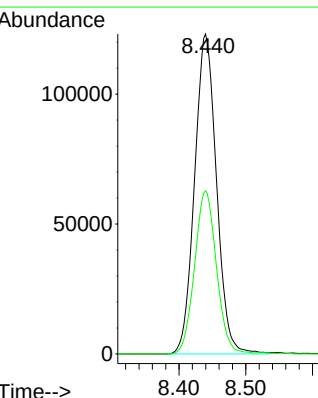
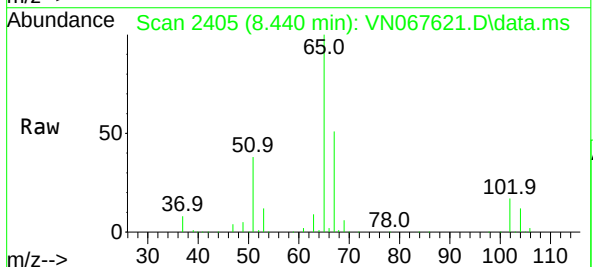
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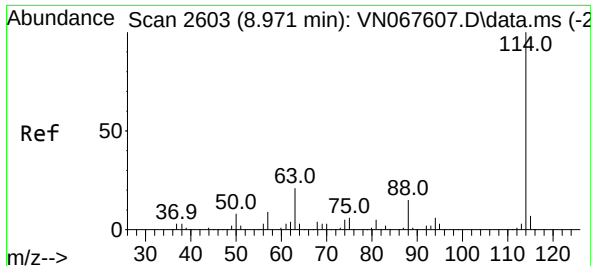
Tgt Ion: 65 Resp: 281012

Ion Ratio Lower Upper

65 100

67 50.8 0.0 98.6

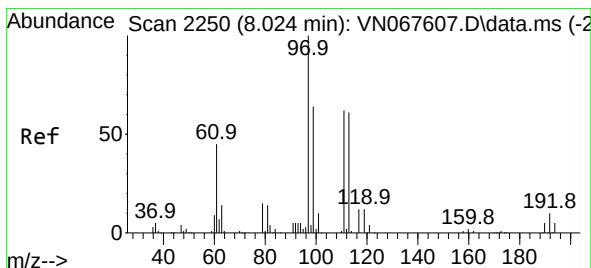
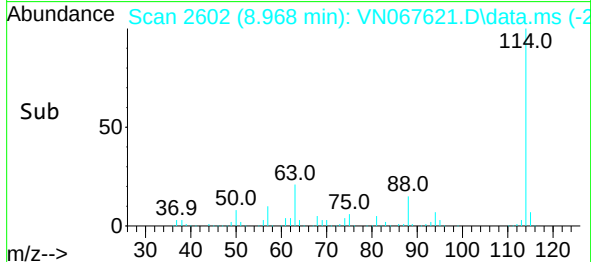
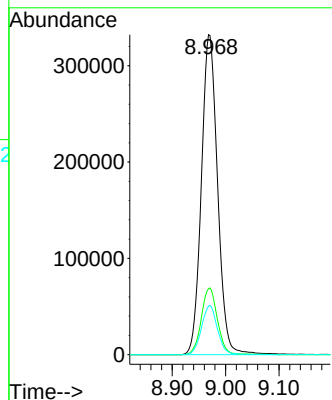
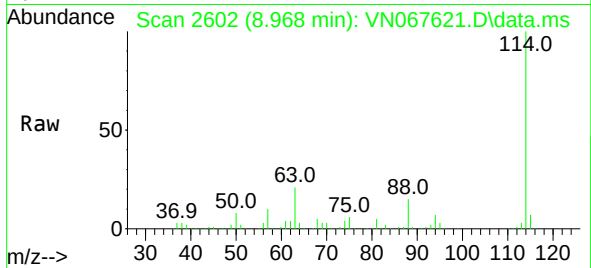




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. -0.003 min  
Lab File: VN067621.D  
Acq: 2 Jul 2021 17:04

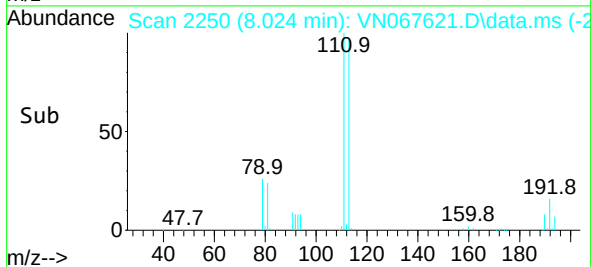
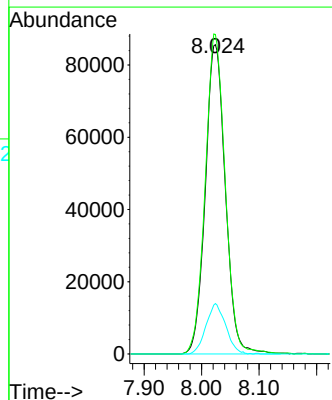
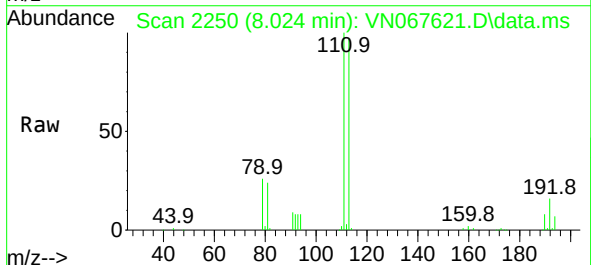
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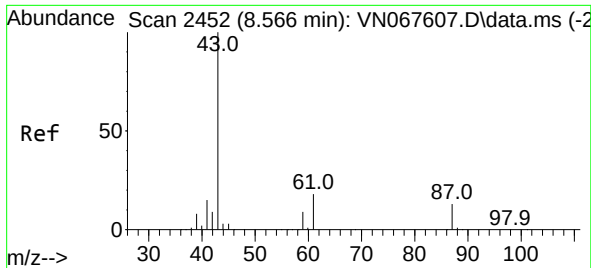
Tgt Ion:114 Resp: 700223  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 49.0  
88 15.2 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 47.843 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. -0.000 min  
Lab File: VN067621.D  
Acq: 2 Jul 2021 17:04

Tgt Ion:113 Resp: 207203  
Ion Ratio Lower Upper  
113 100  
111 103.2 83.8 125.8  
192 16.0 13.4 20.0

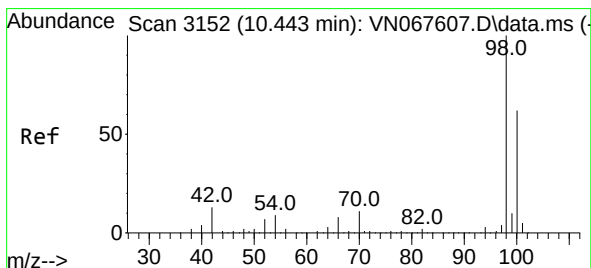
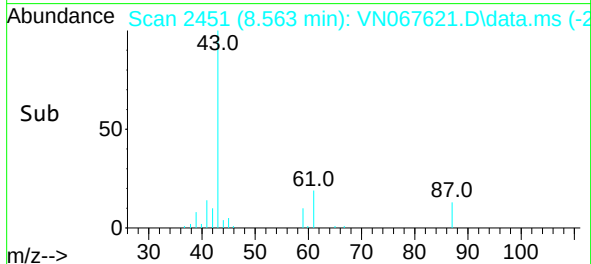
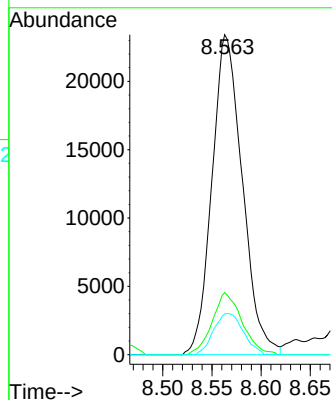
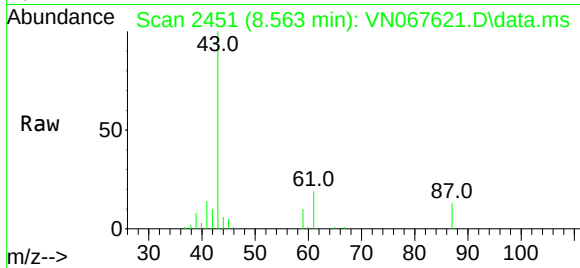




#43  
Isopropyl Acetate  
Concen: 4.549 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. -0.003 min  
Lab File: VN067621.D  
Acq: 2 Jul 2021 17:04

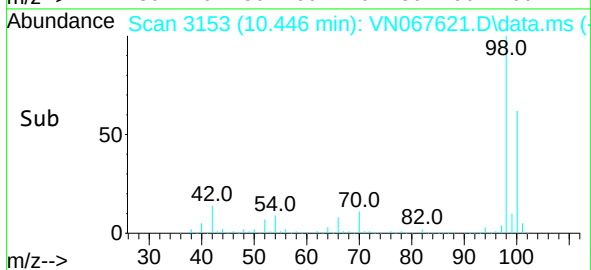
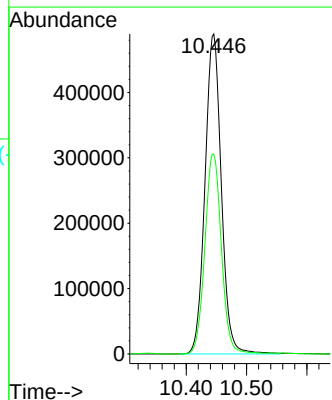
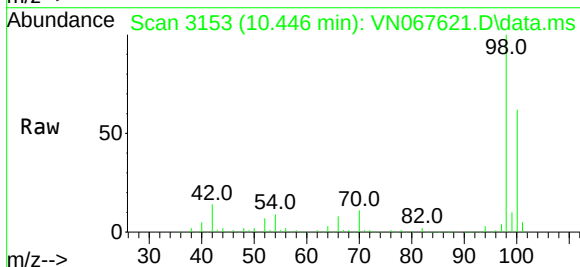
Instrument :  
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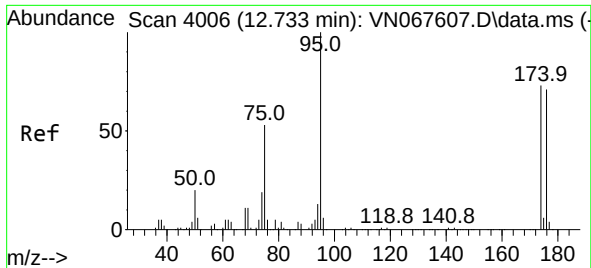
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 50283 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 19.1     | 19.0 28.4   |
| 87 12.6     | 9.5 14.3    |



#50  
Toluene-d8  
Concen: 50.313 ug/l  
RT: 10.446 min Scan# 3153  
Delta R.T. 0.003 min  
Lab File: VN067621.D  
Acq: 2 Jul 2021 17:04

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 919678 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 63.1    | 51.7 77.5    |

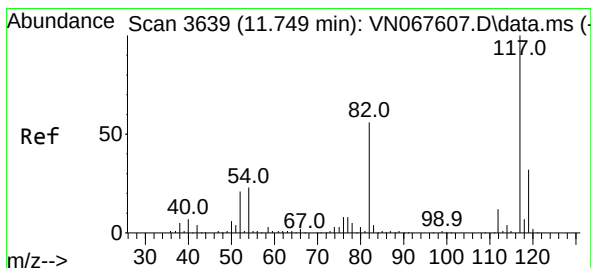
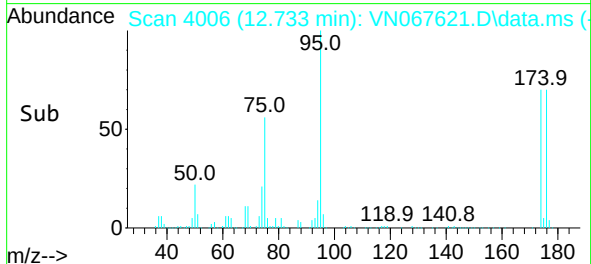
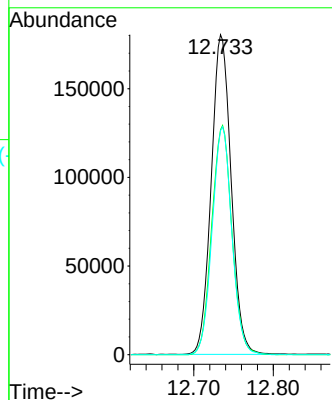
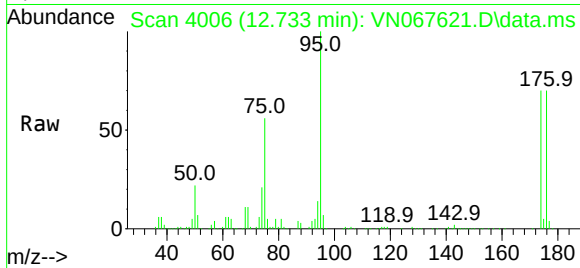




#62  
4-Bromofluorobenzene  
Concen: 48.094 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067621.D  
Acq: 2 Jul 2021 17:04

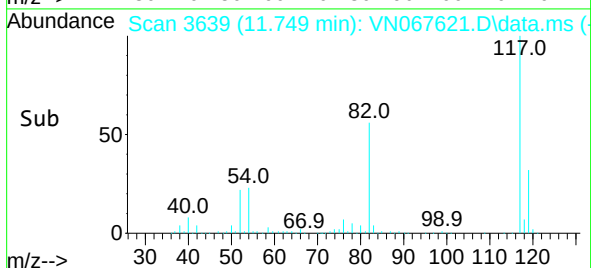
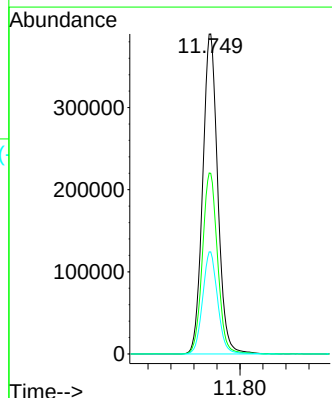
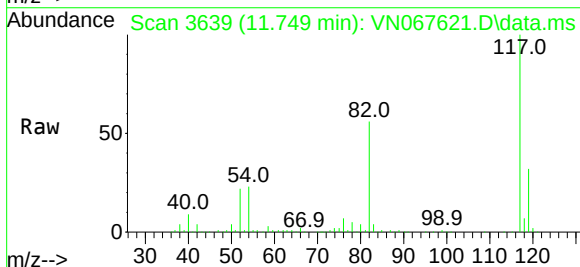
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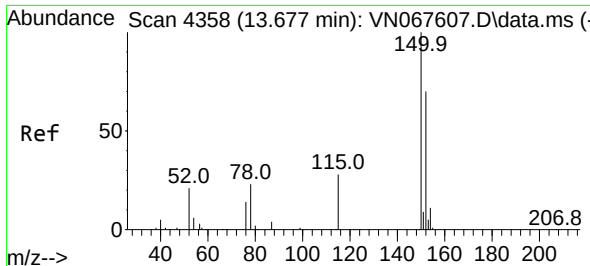
Tgt Ion: 95 Resp: 313614  
Ion Ratio Lower Upper  
95 100  
174 72.6 0.0 122.0  
176 70.5 0.0 117.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.000 min  
Lab File: VN067621.D  
Acq: 2 Jul 2021 17:04

Tgt Ion: 117 Resp: 708053  
Ion Ratio Lower Upper  
117 100  
82 56.4 53.1 79.7  
119 31.9 25.5 38.3

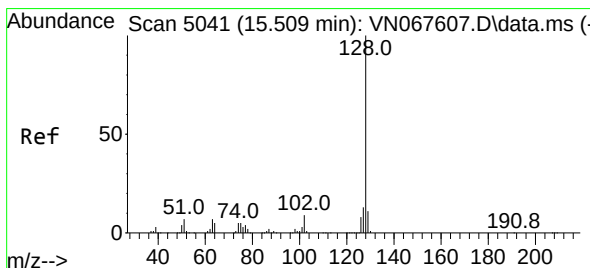
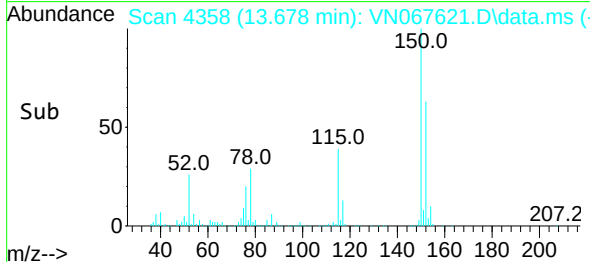
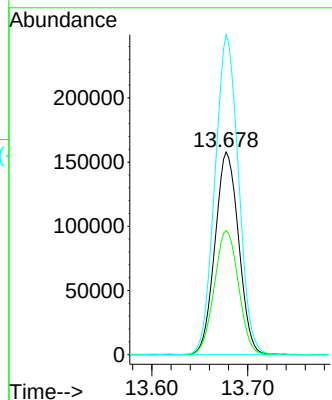
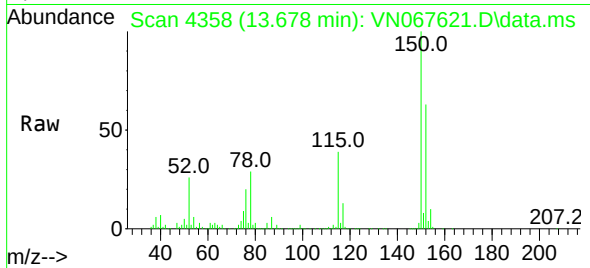




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.001 min  
Lab File: VN067621.D  
Acq: 2 Jul 2021 17:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:152 Resp: 271085  
Ion Ratio Lower Upper  
152 100  
115 62.2 36.1 108.5  
150 157.0 0.0 351.8



#95  
Naphthalene  
Concen: 5.674 ug/l  
RT: 15.515 min Scan# 5043  
Delta R.T. 0.006 min  
Lab File: VN067621.D  
Acq: 2 Jul 2021 17:04

Tgt Ion:128 Resp: 15768  
Ion Ratio Lower Upper  
128 100  
127 13.7 10.6 15.8  
129 5.6 8.6 12.8#

