

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052821\  
 Data File : VN067188.D  
 Acq On : 28 May 2021 17:12  
 Operator : JC/MD  
 Sample : PB136697ZHE#05  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB136697ZHE#05

Quant Time: May 29 02:25:08 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N052121W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 21 17:24:08 2021  
 Response via : Initial Calibration

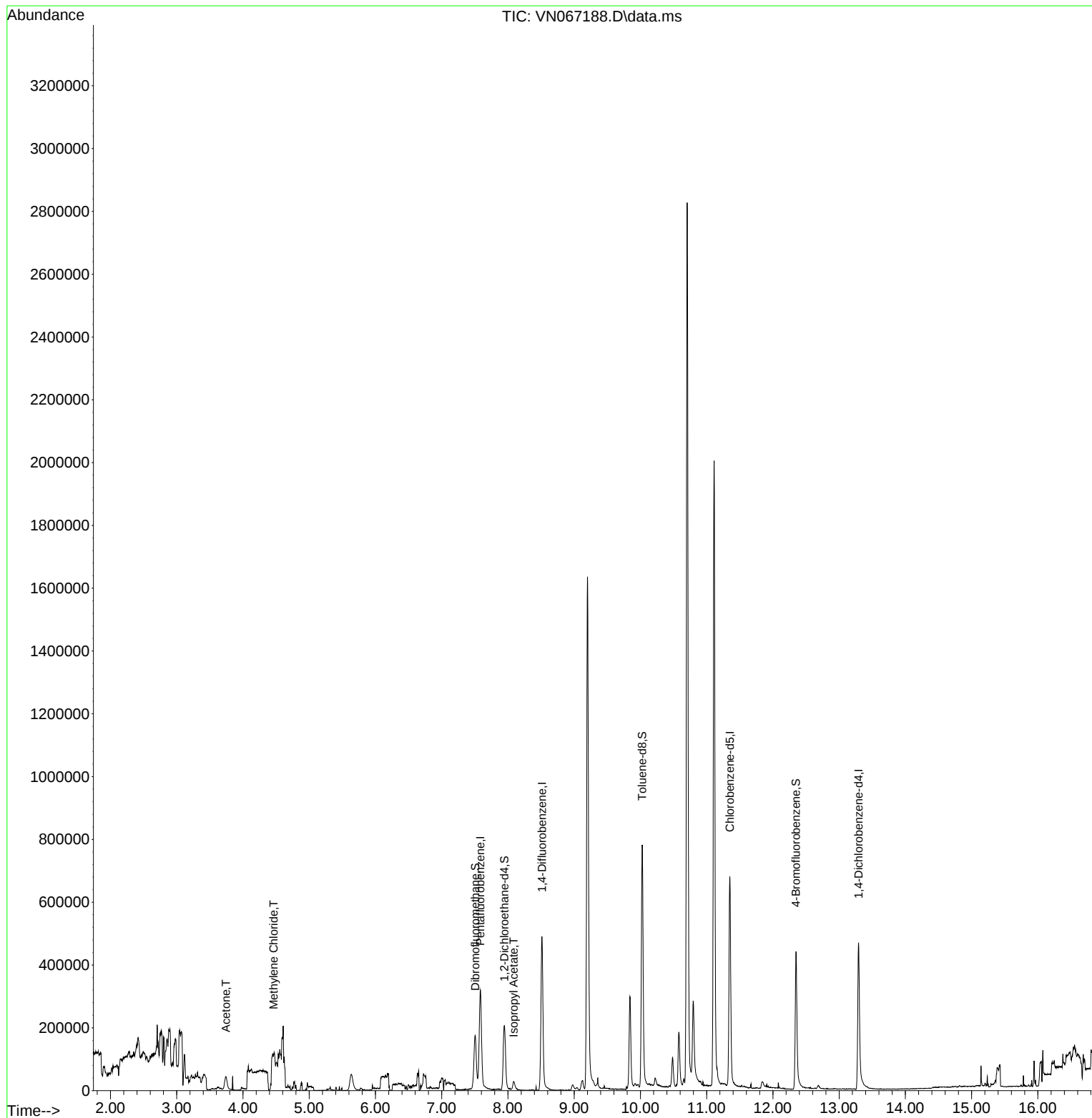
| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 7.583          | 168  | 249569     | 50.00   | ug/l   | #-0.01   |
| 34) 1,4-Difluorobenzene     | 8.514          | 114  | 449608     | 50.00   | ug/l   | -0.01    |
| 63) Chlorobenzene-d5        | 11.349         | 117  | 398057     | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.293         | 152  | 147880     | 50.00   | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.946          | 65   | 184014     | 47.51   | ug/l   | -0.01    |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 95.02%  |        |          |
| 35) Dibromofluoromethane    | 7.506          | 113  | 142468     | 51.63   | ug/l   | -0.01    |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 103.26% |        |          |
| 50) Toluene-d8              | 10.027         | 98   | 552935     | 52.07   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 104.14% |        |          |
| 62) 4-Bromofluorobenzene    | 12.349         | 95   | 188327     | 51.88   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 103.76% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         |        |          |
| 16) Acetone                 | 3.743          | 43   | 76289      | 47.92   | ug/l   | 94       |
| 20) Methylene Chloride      | 4.464          | 84   | 27084      | 6.92    | ug/l # | 87       |
| 43) Isopropyl Acetate       | 8.088          | 43   | 34997      | 4.03    | ug/l # | 87       |
| -----                       |                |      |            |         |        |          |

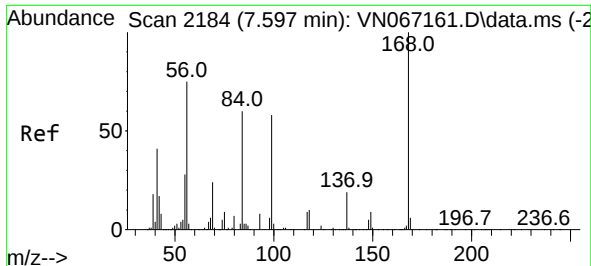
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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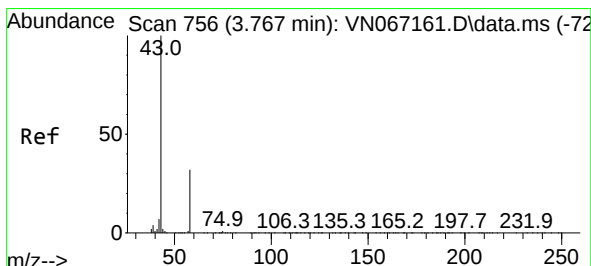
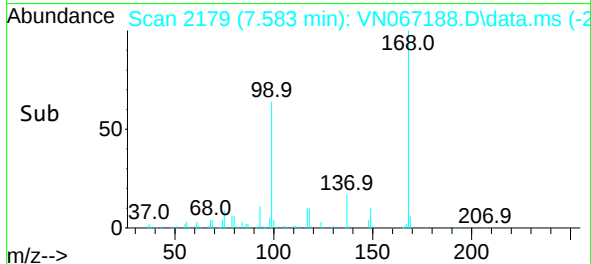
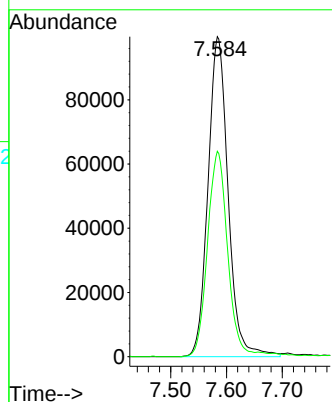
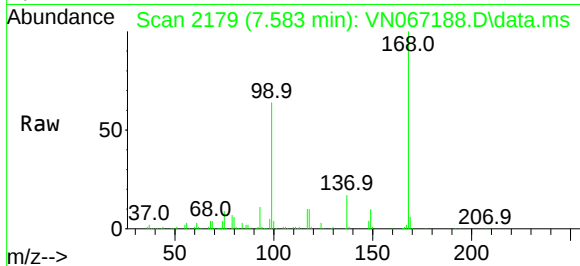




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.583 min Scan# 2179  
Delta R.T. -0.014 min  
Lab File: VN067188.D  
Acq: 28 May 2021 17:12

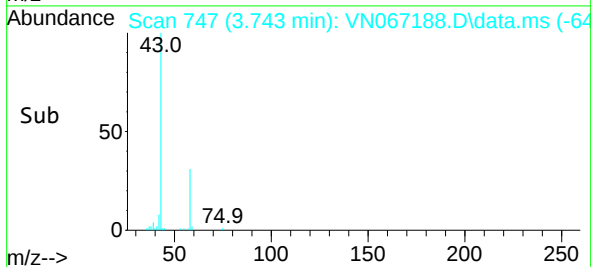
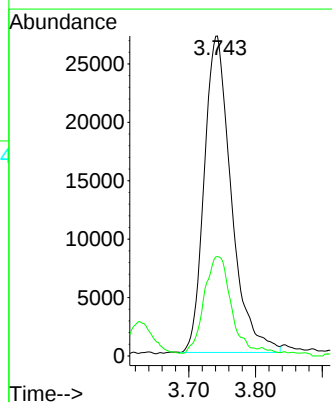
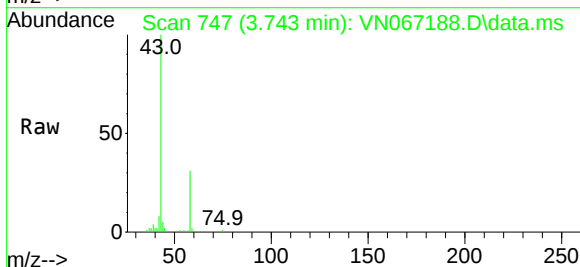
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB136697ZHE#05

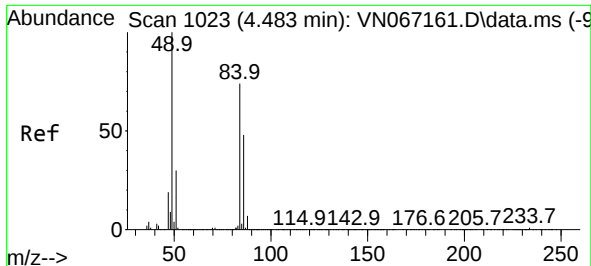
Tgt Ion:168 Resp: 249569  
Ion Ratio Lower Upper  
168 100  
99 64.2 38.5 57.7#



#16  
Acetone  
Concen: 47.92 ug/l  
RT: 3.743 min Scan# 747  
Delta R.T. -0.024 min  
Lab File: VN067188.D  
Acq: 28 May 2021 17:12

Tgt Ion: 43 Resp: 76289  
Ion Ratio Lower Upper  
43 100  
58 30.5 27.2 40.8

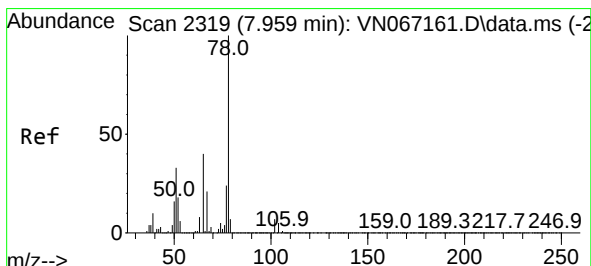
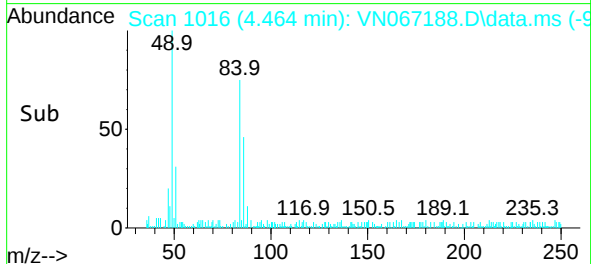
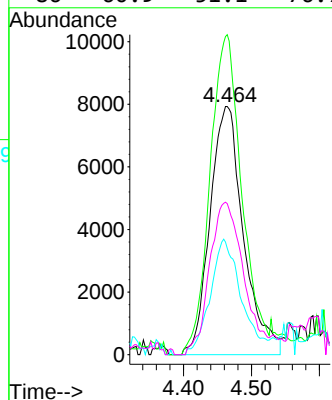
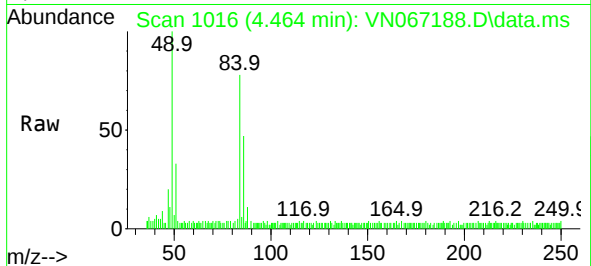




#20  
Methylene Chloride  
Concen: 6.92 ug/l  
RT: 4.464 min Scan# 1016  
Delta R.T. -0.019 min  
Lab File: VN067188.D  
Acq: 28 May 2021 17:12

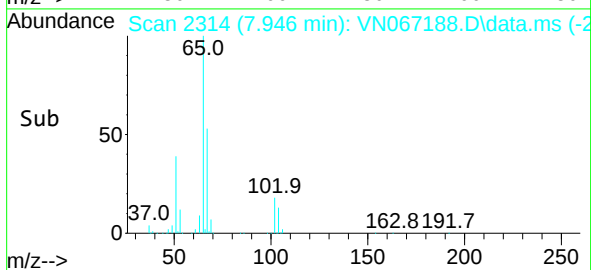
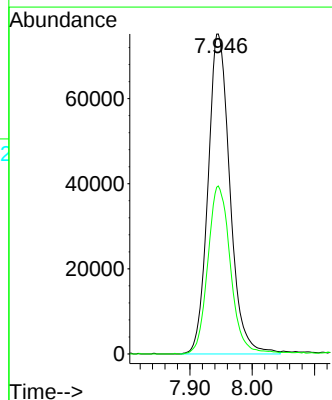
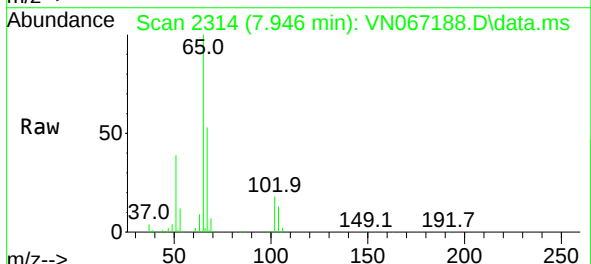
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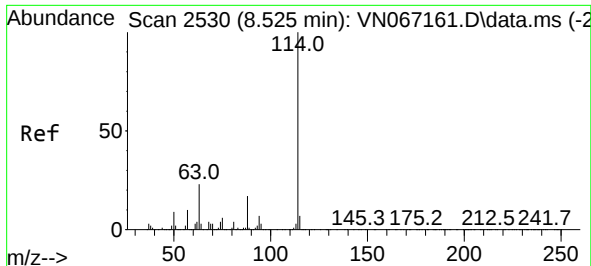
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 27084 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 128.9 | 88.3  | 132.5 |
| 51       | 42.9  | 26.7  | 40.1# |
| 86       | 60.9  | 51.1  | 76.7  |



#33  
1,2-Dichloroethane-d4  
Concen: 47.51 ug/l  
RT: 7.946 min Scan# 2314  
Delta R.T. -0.013 min  
Lab File: VN067188.D  
Acq: 28 May 2021 17:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 184014 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 54.2  | 0.0   | 110.4  |

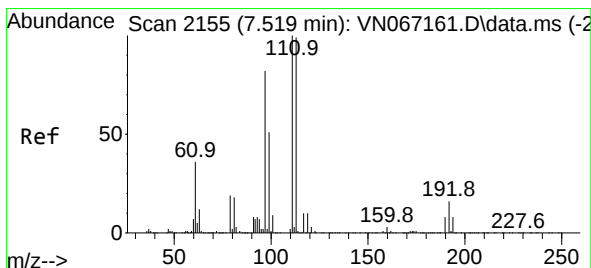
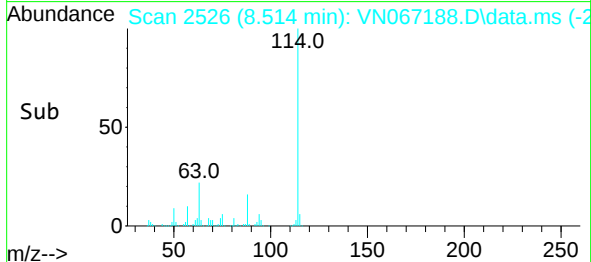
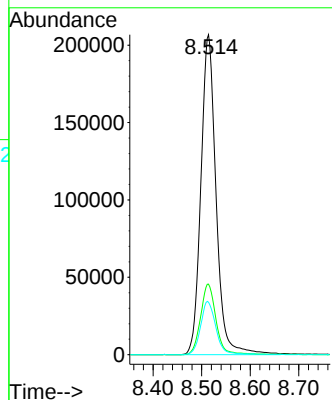
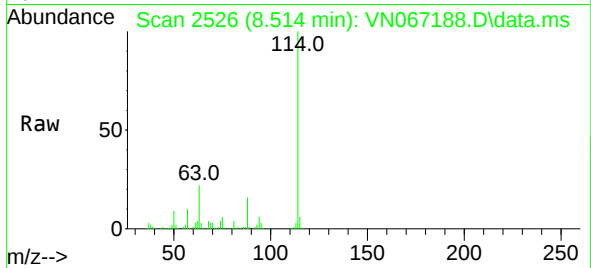




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.514 min Scan# 2526  
Delta R.T. -0.011 min  
Lab File: VN067188.D  
Acq: 28 May 2021 17:12

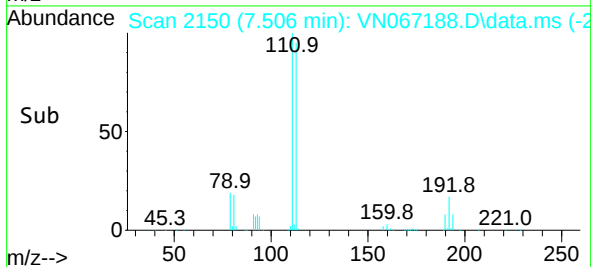
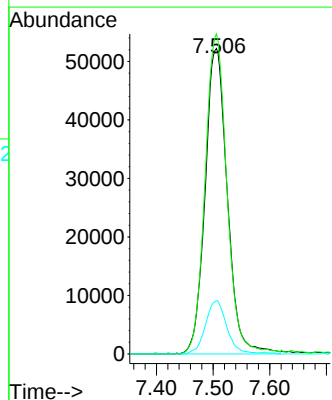
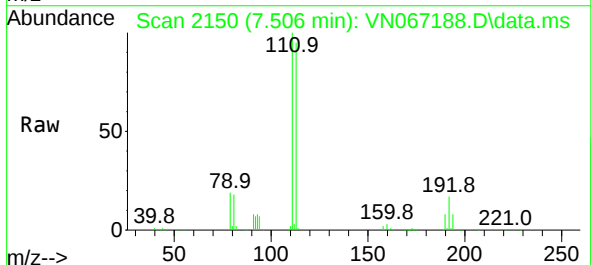
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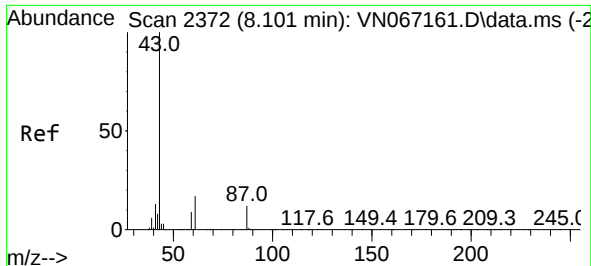
Tgt Ion:114 Resp: 449608  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 35.8  
88 16.4 0.0 30.4



#35  
Dibromofluoromethane  
Concen: 51.63 ug/l  
RT: 7.506 min Scan# 2150  
Delta R.T. -0.013 min  
Lab File: VN067188.D  
Acq: 28 May 2021 17:12

Tgt Ion:113 Resp: 142468  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.6 124.0  
192 16.7 18.2 27.4#

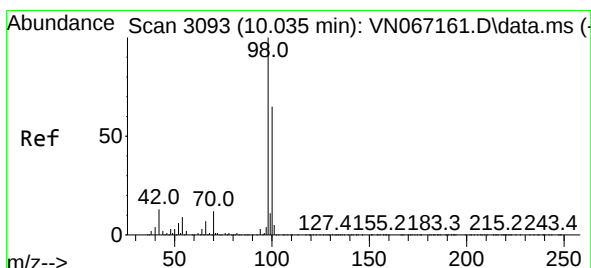
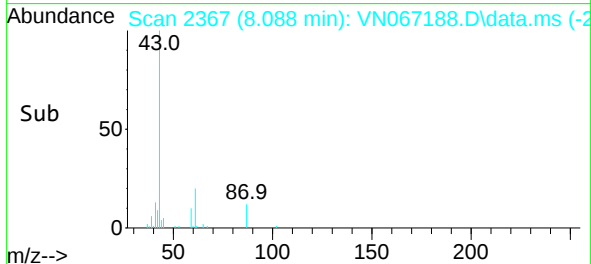
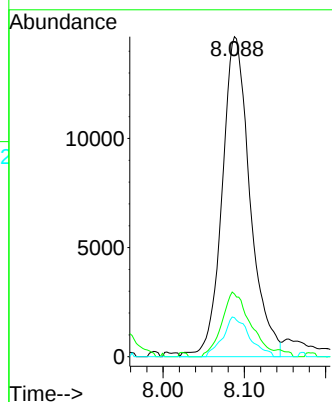
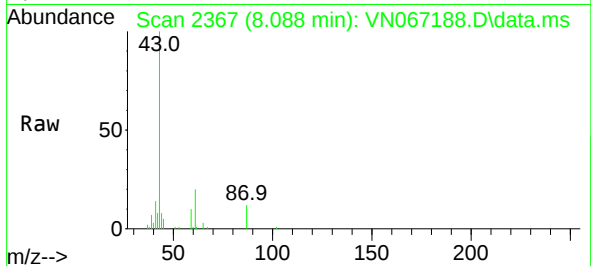




#43  
Isopropyl Acetate  
Concen: 4.03 ug/l  
RT: 8.088 min Scan# 2367  
Delta R.T. -0.013 min  
Lab File: VN067188.D  
Acq: 28 May 2021 17:12

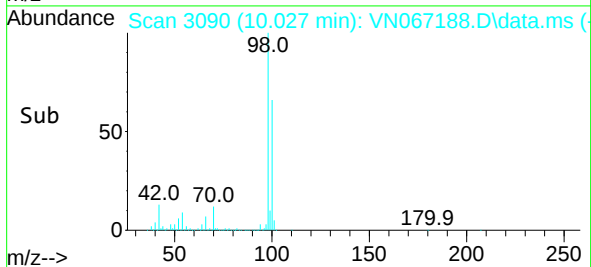
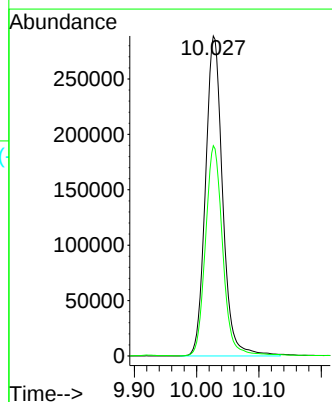
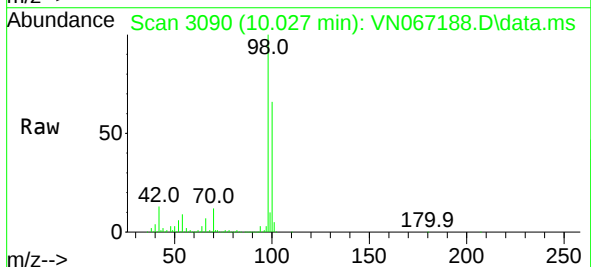
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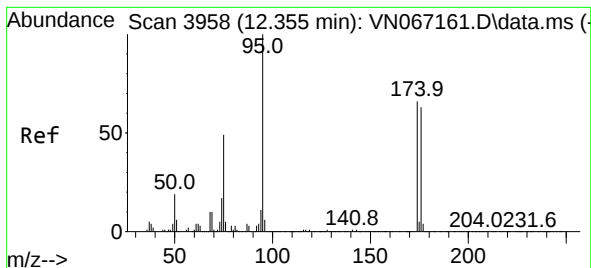
Tgt Ion: 43 Resp: 34997  
Ion Ratio Lower Upper  
43 100  
61 20.5 23.4 35.0#  
87 11.8 12.2 18.2#



#50  
Toluene-d8  
Concen: 52.07 ug/l  
RT: 10.027 min Scan# 3090  
Delta R.T. -0.008 min  
Lab File: VN067188.D  
Acq: 28 May 2021 17:12

Tgt Ion: 98 Resp: 552935  
Ion Ratio Lower Upper  
98 100  
100 65.9 51.8 77.8

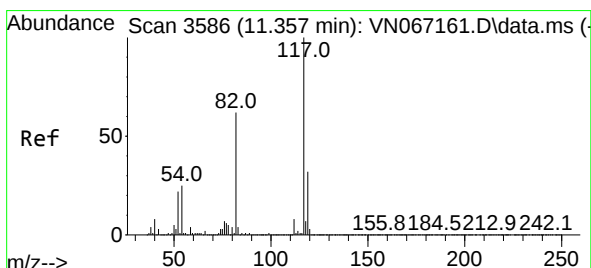
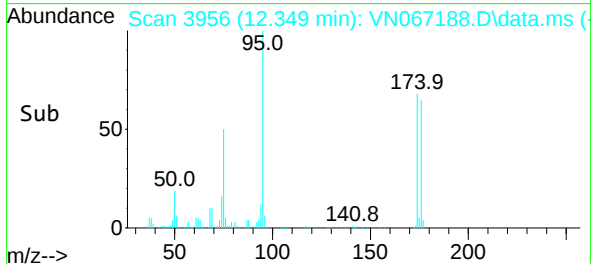
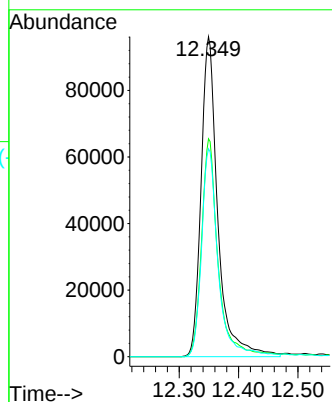
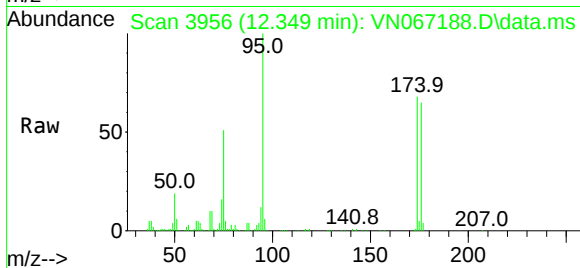




#62  
4-Bromofluorobenzene  
Concen: 51.88 ug/l  
RT: 12.349 min Scan# 3956  
Delta R.T. -0.006 min  
Lab File: VN067188.D  
Acq: 28 May 2021 17:12

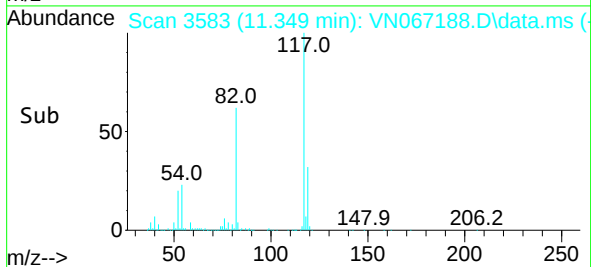
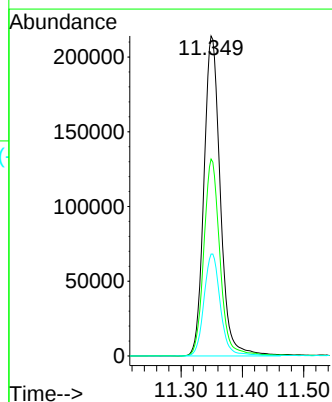
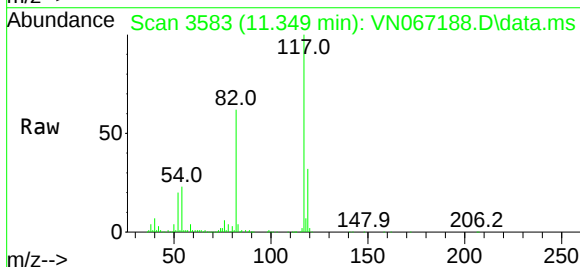
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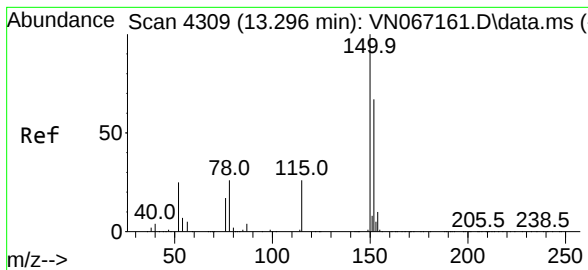
Tgt Ion: 95 Resp: 188327  
Ion Ratio Lower Upper  
95 100  
174 67.5 0.0 182.8  
176 62.7 0.0 176.6



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.349 min Scan# 3583  
Delta R.T. -0.008 min  
Lab File: VN067188.D  
Acq: 28 May 2021 17:12

Tgt Ion: 117 Resp: 398057  
Ion Ratio Lower Upper  
117 100  
82 61.6 42.2 63.2  
119 31.9 25.8 38.6





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.293 min Scan# 4308  
 Delta R.T. -0.003 min  
 Lab File: VN067188.D  
 Acq: 28 May 2021 17:12

Instrument :  
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Tgt Ion:152 Resp: 147880  
 Ion Ratio Lower Upper  
 152 100  
 115 65.3 27.0 80.8  
 150 158.3 0.0 350.2

