

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052821\  
 Data File : VN067192.D  
 Acq On : 28 May 2021 18:46  
 Operator : JC/MD  
 Sample : PB136697ZHE#09  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB136697ZHE#09

Quant Time: May 29 02:26:29 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

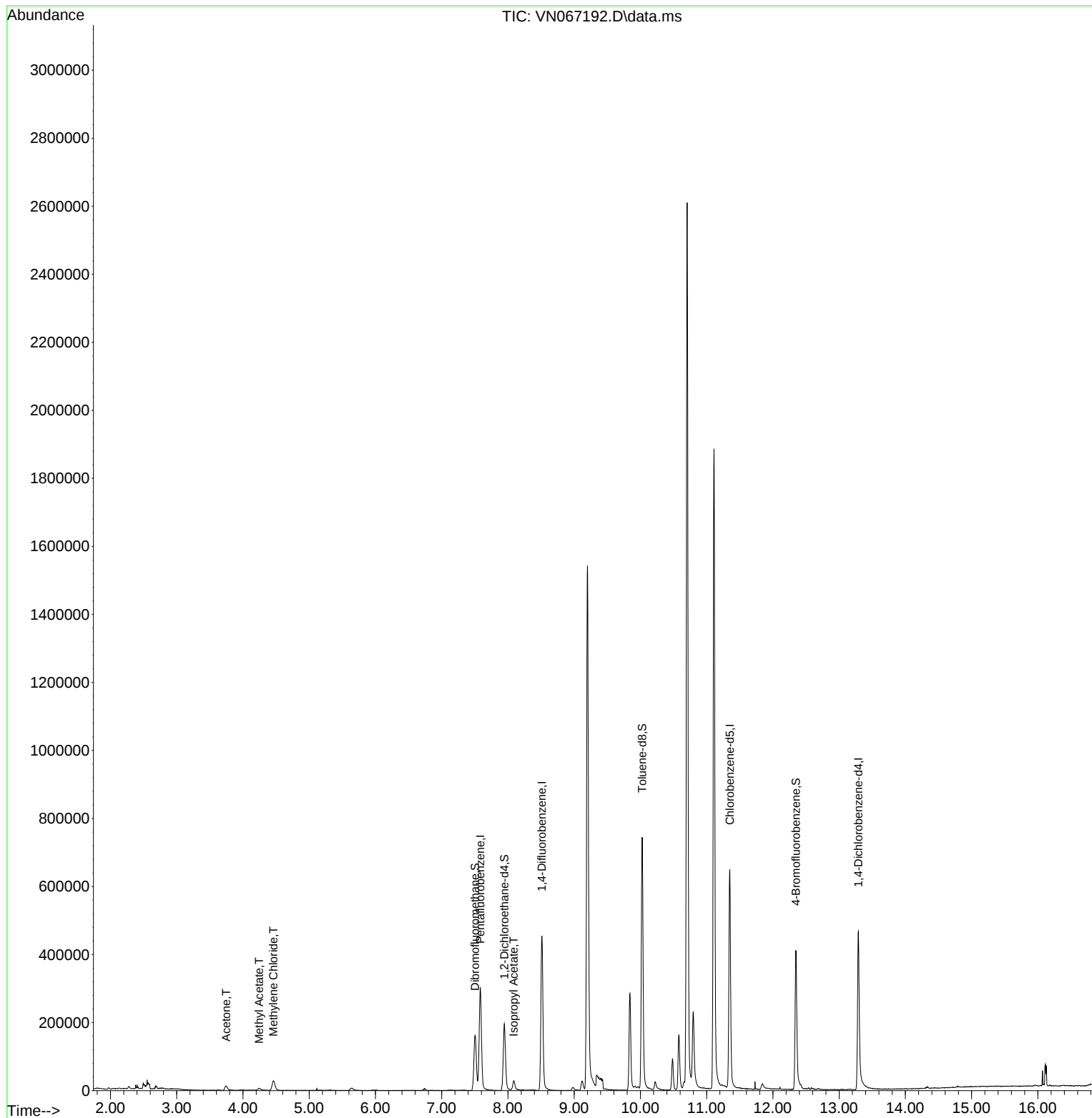
| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 7.583          | 168  | 236758     | 50.00   | ug/l   | #-0.01   |
| 34) 1,4-Difluorobenzene     | 8.511          | 114  | 430356     | 50.00   | ug/l   | -0.01    |
| 63) Chlorobenzene-d5        | 11.349         | 117  | 385851     | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.291         | 152  | 147279     | 50.00   | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.946          | 65   | 171397     | 46.65   | ug/l   | -0.01    |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 93.30%  |        |          |
| 35) Dibromofluoromethane    | 7.503          | 113  | 136864     | 51.82   | ug/l   | -0.02    |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 103.64% |        |          |
| 50) Toluene-d8              | 10.027         | 98   | 525071     | 51.66   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 103.32% |        |          |
| 62) 4-Bromofluorobenzene    | 12.347         | 95   | 175582     | 50.53   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 101.06% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         |        |          |
| 16) Acetone                 | 3.746          | 43   | 24212      | 16.03   | ug/l   | 88       |
| 18) Methyl Acetate          | 4.244          | 43   | 11851      | 2.81    | ug/l # | 75       |
| 20) Methylene Chloride      | 4.459          | 84   | 21670      | 5.84    | ug/l   | 89       |
| 43) Isopropyl Acetate       | 8.088          | 43   | 34575      | 4.15    | ug/l # | 88       |
| -----                       |                |      |            |         |        |          |

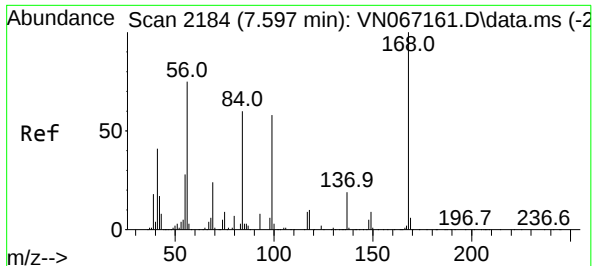
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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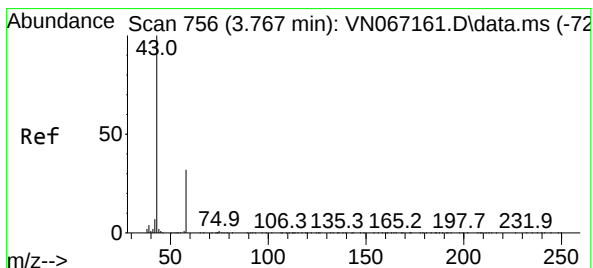
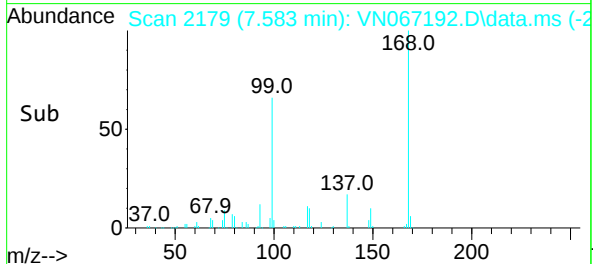
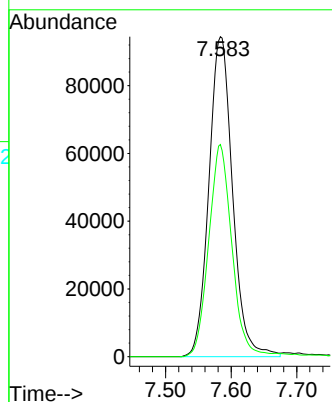
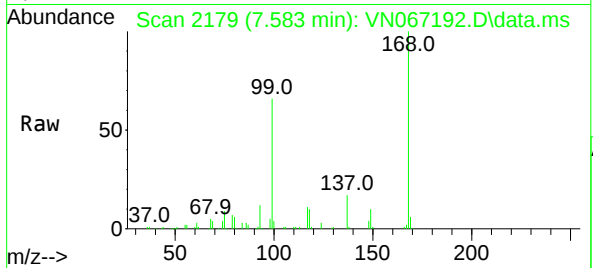




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.583 min Scan# 2179  
Delta R.T. -0.014 min  
Lab File: VN067192.D  
Acq: 28 May 2021 18:46

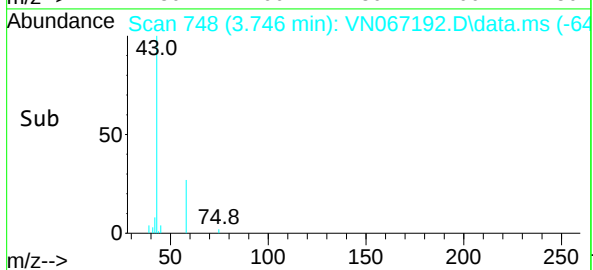
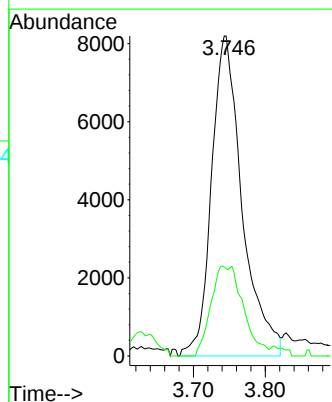
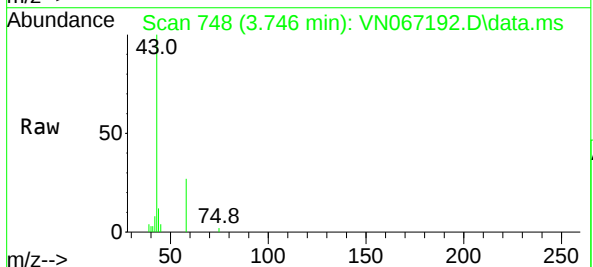
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB136697ZHE#09

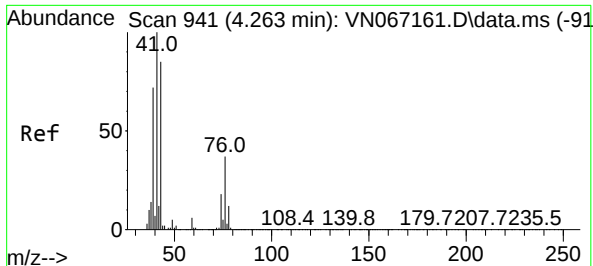
Tgt Ion:168 Resp: 236758  
Ion Ratio Lower Upper  
168 100  
99 66.3 38.5 57.7#



#16  
Acetone  
Concen: 16.03 ug/l  
RT: 3.746 min Scan# 748  
Delta R.T. -0.021 min  
Lab File: VN067192.D  
Acq: 28 May 2021 18:46

Tgt Ion: 43 Resp: 24212  
Ion Ratio Lower Upper  
43 100  
58 27.3 27.2 40.8

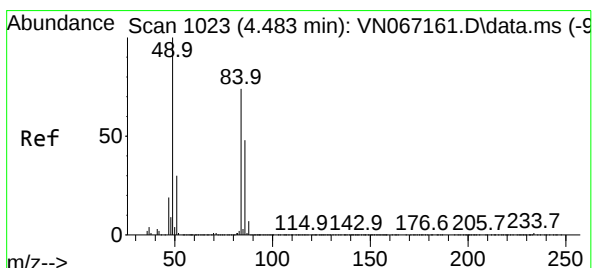
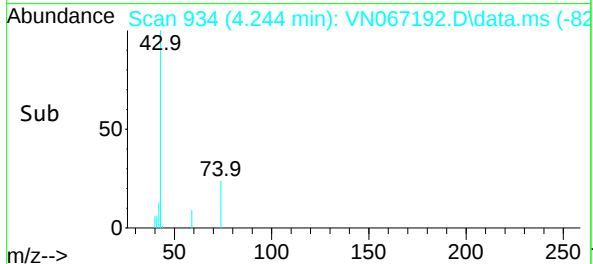
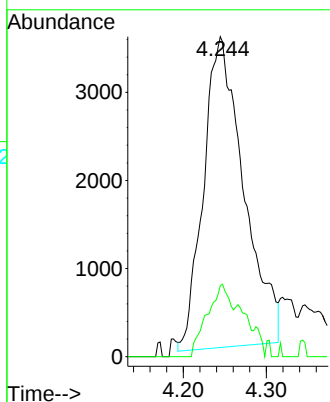
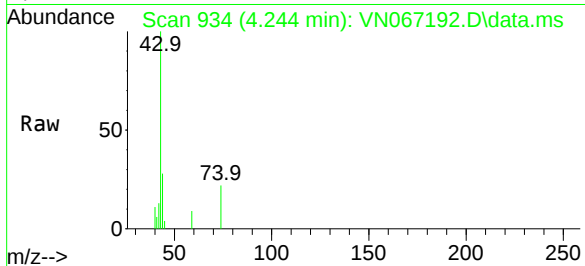




#18  
Methyl Acetate  
Concen: 2.81 ug/l  
RT: 4.244 min Scan# 934  
Delta R.T. -0.019 min  
Lab File: VN067192.D  
Acq: 28 May 2021 18:46

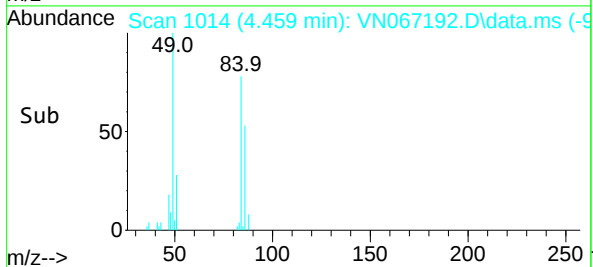
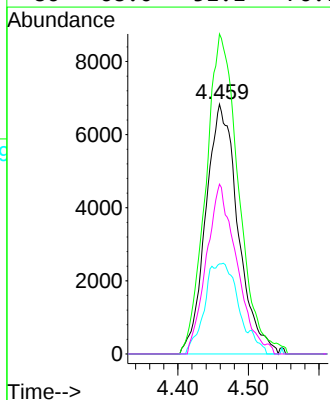
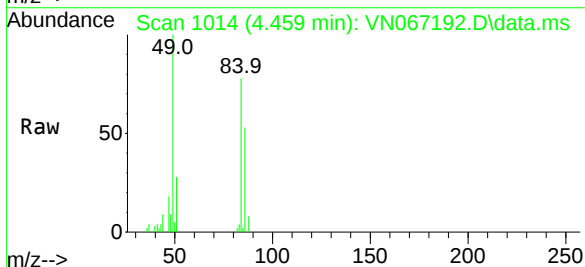
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB136697ZHE#09

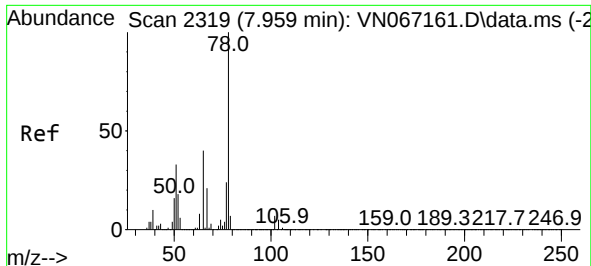
Tgt Ion: 43 Resp: 11851  
Ion Ratio Lower Upper  
43 100  
74 13.7 21.4 32.2#



#20  
Methylene Chloride  
Concen: 5.84 ug/l  
RT: 4.459 min Scan# 1014  
Delta R.T. -0.024 min  
Lab File: VN067192.D  
Acq: 28 May 2021 18:46

Tgt Ion: 84 Resp: 21670  
Ion Ratio Lower Upper  
84 100  
49 128.1 88.3 132.5  
51 36.0 26.7 40.1  
86 68.0 51.1 76.7

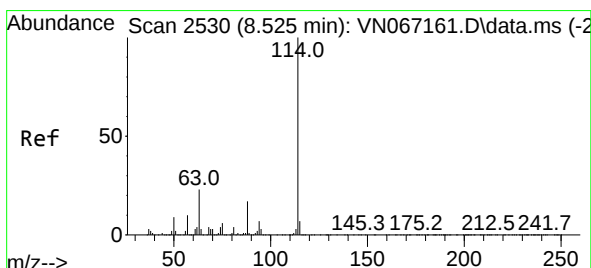
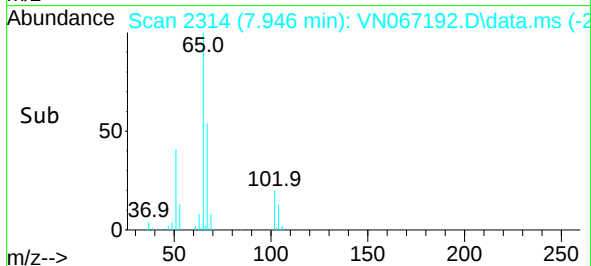
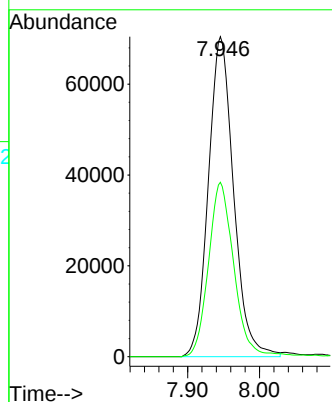
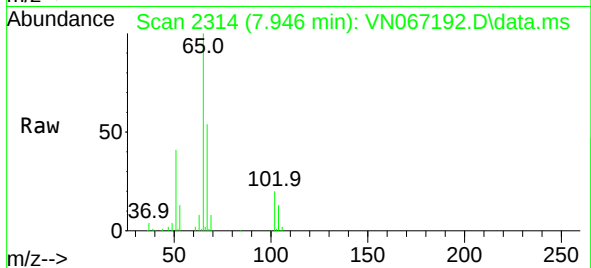




#33  
1,2-Dichloroethane-d4  
Concen: 46.65 ug/l  
RT: 7.946 min Scan# 2314  
Delta R.T. -0.013 min  
Lab File: VN067192.D  
Acq: 28 May 2021 18:46

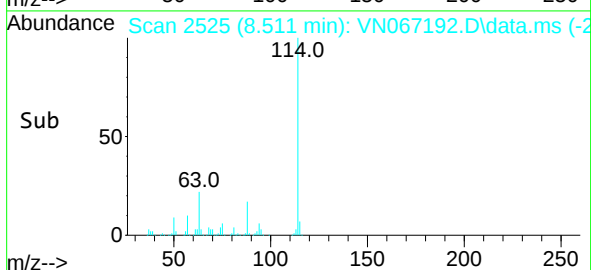
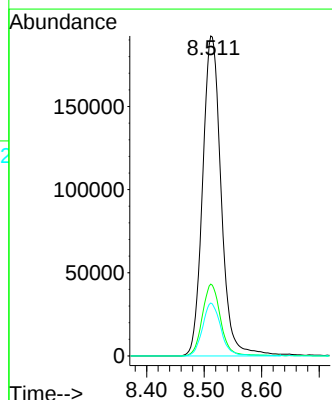
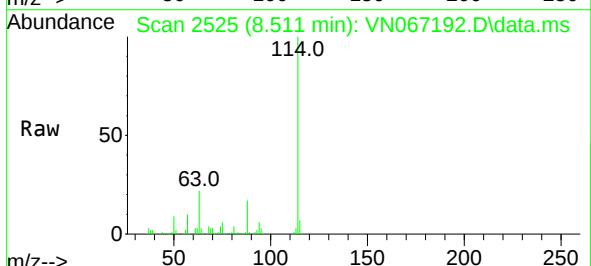
Instrument :  
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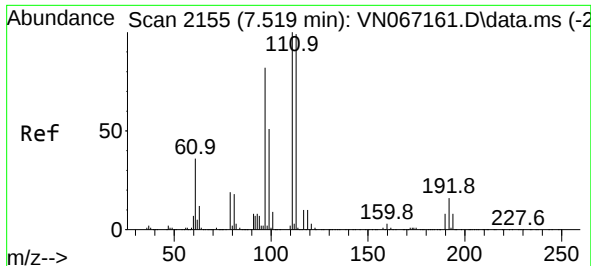
Tgt Ion: 65 Resp: 171397  
Ion Ratio Lower Upper  
65 100  
67 54.8 0.0 110.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.511 min Scan# 2525  
Delta R.T. -0.014 min  
Lab File: VN067192.D  
Acq: 28 May 2021 18:46

Tgt Ion: 114 Resp: 430356  
Ion Ratio Lower Upper  
114 100  
63 22.4 0.0 35.8  
88 16.5 0.0 30.4

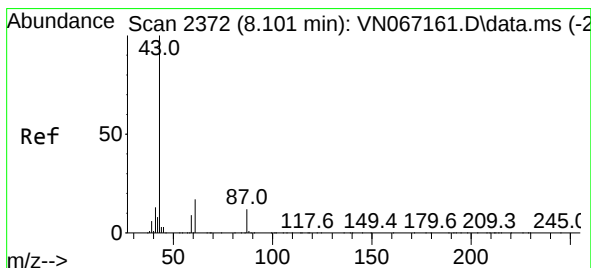
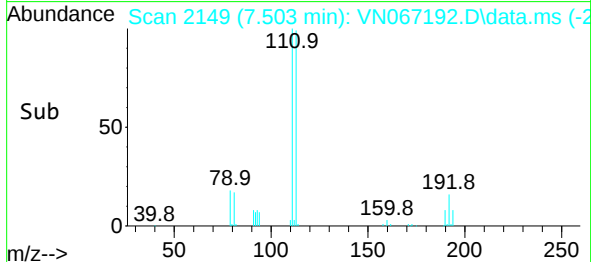
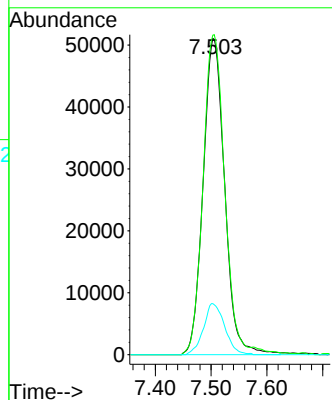
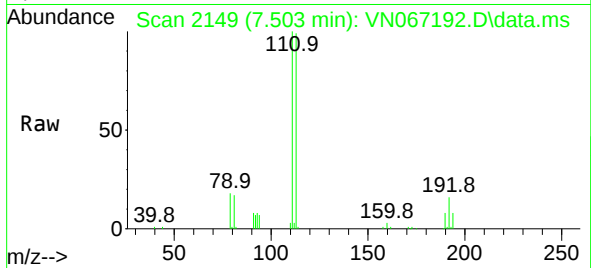




#35  
Dibromofluoromethane  
Concen: 51.82 ug/l  
RT: 7.503 min Scan# 2149  
Delta R.T. -0.016 min  
Lab File: VN067192.D  
Acq: 28 May 2021 18:46

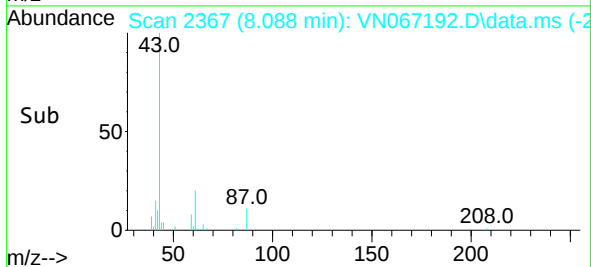
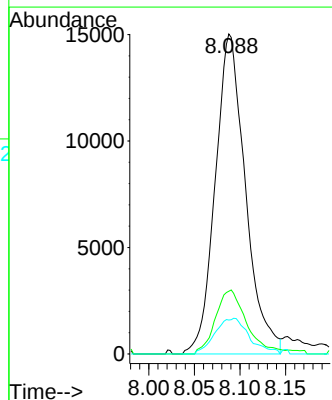
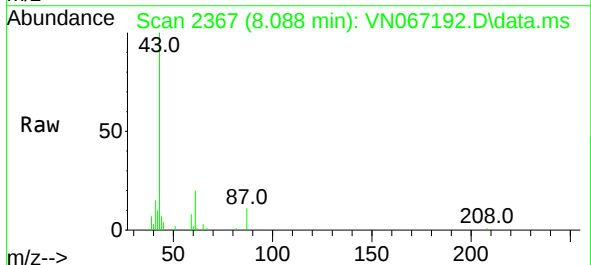
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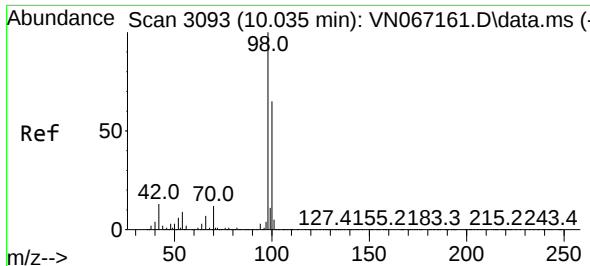
Tgt Ion:113 Resp: 136864  
Ion Ratio Lower Upper  
113 100  
111 100.6 82.6 124.0  
192 16.0 18.2 27.4#



#43  
Isopropyl Acetate  
Concen: 4.15 ug/l  
RT: 8.088 min Scan# 2367  
Delta R.T. -0.013 min  
Lab File: VN067192.D  
Acq: 28 May 2021 18:46

Tgt Ion: 43 Resp: 34575  
Ion Ratio Lower Upper  
43 100  
61 20.7 23.4 35.0#  
87 12.7 12.2 18.2

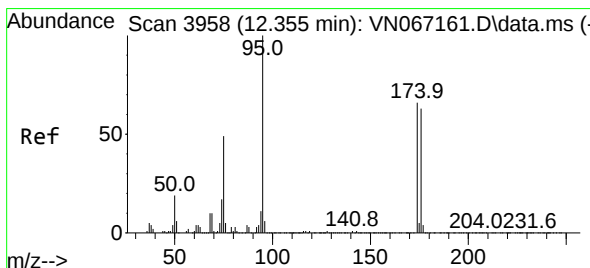
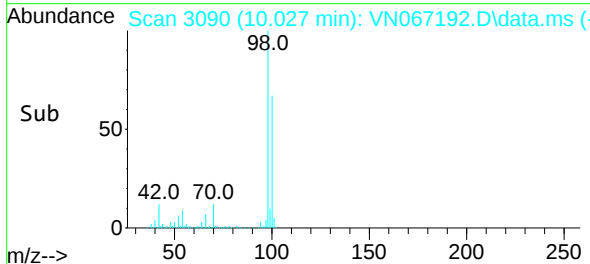
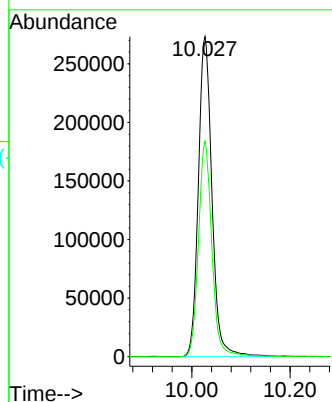
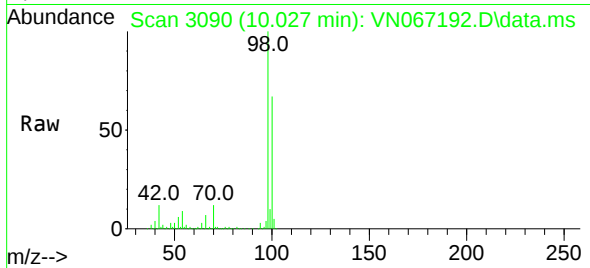




#50  
Toluene-d8  
Concen: 51.66 ug/l  
RT: 10.027 min Scan# 3090  
Delta R.T. -0.008 min  
Lab File: VN067192.D  
Acq: 28 May 2021 18:46

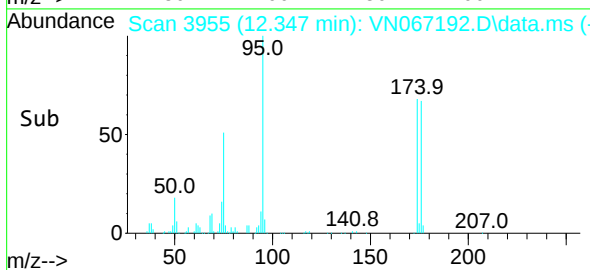
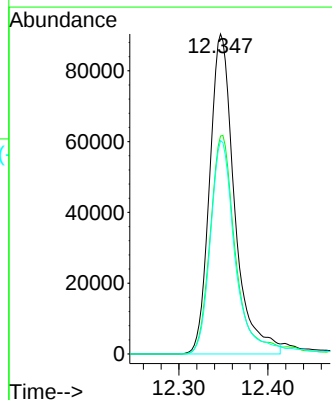
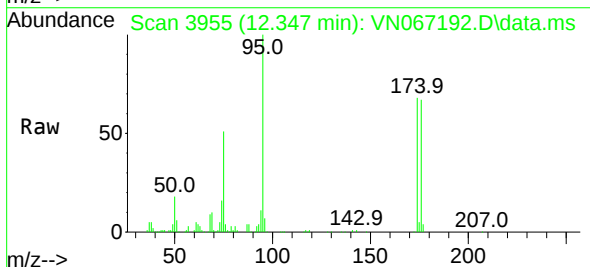
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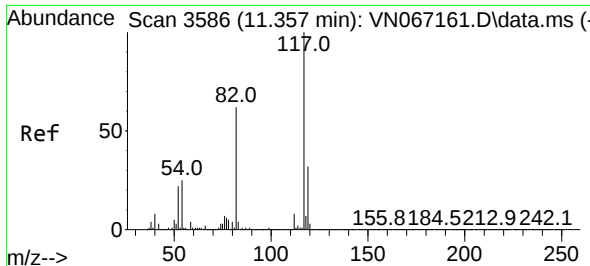
Tgt Ion: 98 Resp: 525071  
Ion Ratio Lower Upper  
98 100  
100 66.2 51.8 77.8



#62  
4-Bromofluorobenzene  
Concen: 50.53 ug/l  
RT: 12.347 min Scan# 3955  
Delta R.T. -0.008 min  
Lab File: VN067192.D  
Acq: 28 May 2021 18:46

Tgt Ion: 95 Resp: 175582  
Ion Ratio Lower Upper  
95 100  
174 70.9 0.0 182.8  
176 67.6 0.0 176.6

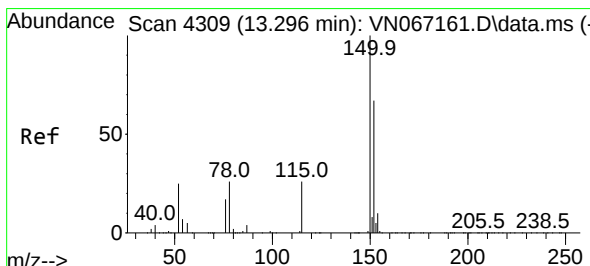
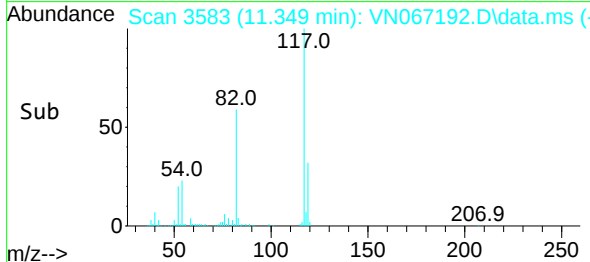
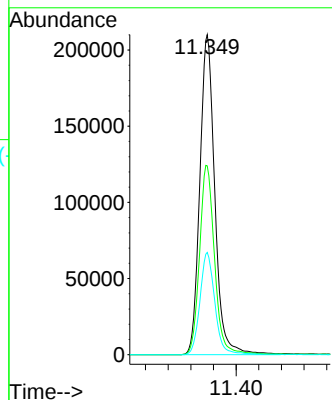
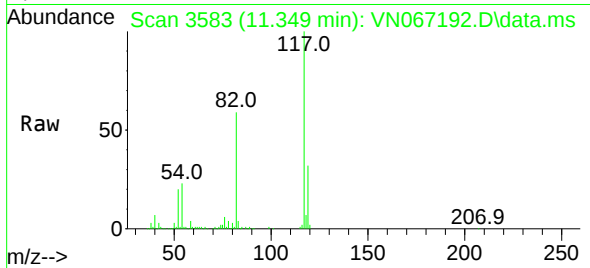




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.349 min Scan# 3583  
Delta R.T. -0.008 min  
Lab File: VN067192.D  
Acq: 28 May 2021 18:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB136697ZHE#09

Tgt Ion:117 Resp: 385851  
Ion Ratio Lower Upper  
117 100  
82 59.0 42.2 63.2  
119 31.9 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.291 min Scan# 4307  
Delta R.T. -0.005 min  
Lab File: VN067192.D  
Acq: 28 May 2021 18:46

Tgt Ion:152 Resp: 147279  
Ion Ratio Lower Upper  
152 100  
115 63.7 27.0 80.8  
150 153.3 0.0 350.2

