

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051721\  
 Data File : VN067113.D  
 Acq On : 17 May 2021 19:46  
 Operator : JC/MD  
 Sample : PB136439TB  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB136439TB

Quant Time: May 18 04:12:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 18 04:00:15 2021  
 Response via : Initial Calibration

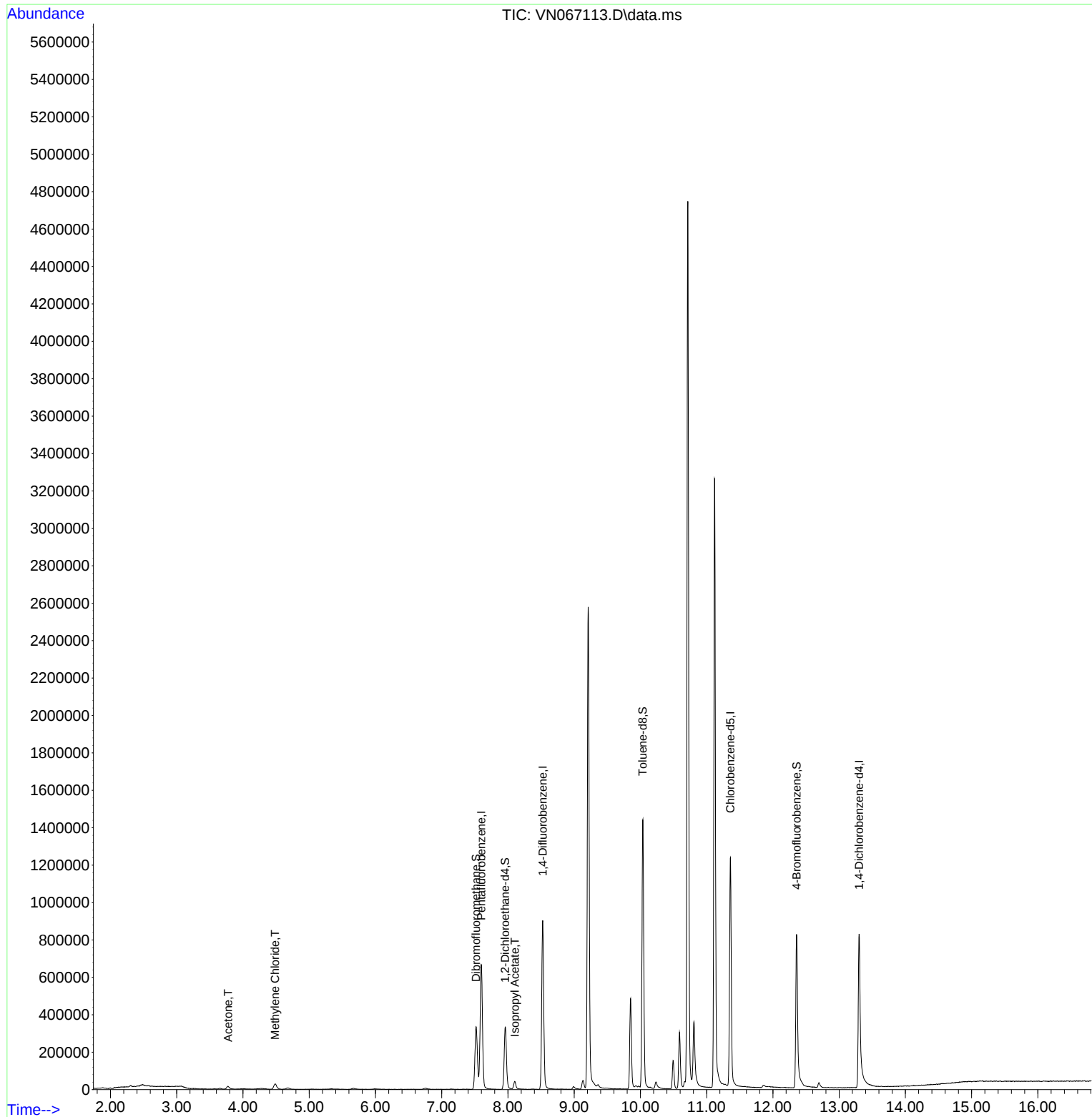
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.600  | 168   | 636952   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.525  | 114   | 894591   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.360 | 117   | 817920   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.302 | 152   | 342162   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.959  | 65    | 300752   | 43.71    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 87.42%   |
| 35) Dibromofluoromethane    | 7.519  | 113   | 272418   | 46.38    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 92.76%   |
| 50) Toluene-d8              | 10.035 | 98    | 1086894  | 48.82    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 97.64%   |
| 62) 4-Bromofluorobenzene    | 12.357 | 95    | 360152   | 48.29    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 96.58%   |
| Target Compounds            |        |       |          |          |        |          |
| 16) Acetone                 | 3.775  | 43    | 25275    | 11.82    | ug/l   | 98       |
| 20) Methylene Chloride      | 4.483  | 84    | 23926    | 3.49     | ug/l   | 97       |
| 43) Isopropyl Acetate       | 8.104  | 43    | 52898    | 4.42     | ug/l # | 91       |
| -----                       |        |       |          |          |        |          |

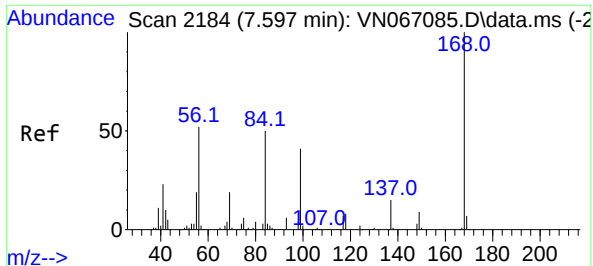
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB136439TB  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB136439TB

Quant Time: May 18 04:12:01 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051421W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 18 04:00:15 2021  
Response via : Initial Calibration

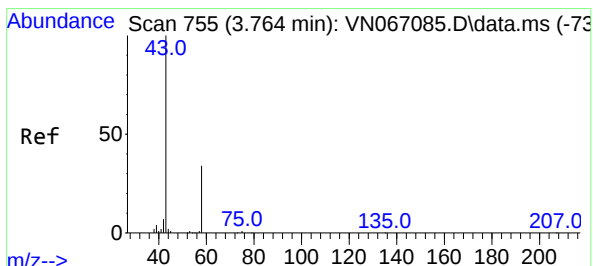
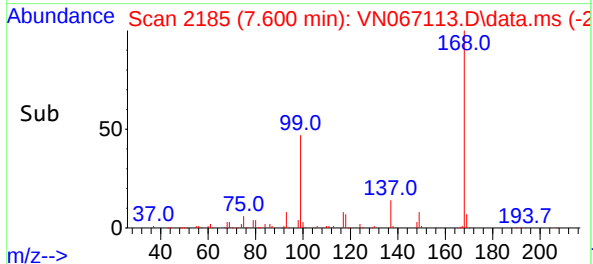
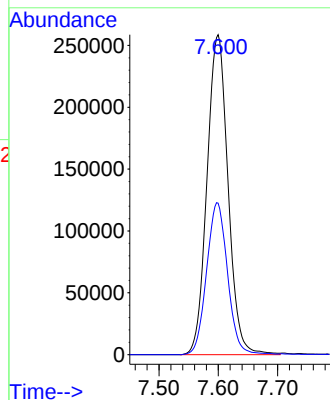
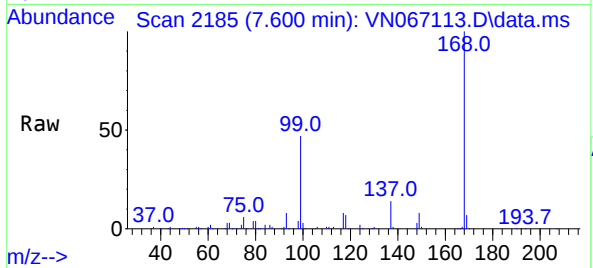




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.600 min Scan# 2185  
Delta R.T. 0.003 min  
Lab File: VN067113.D  
Acq: 17 May 2021 19:46

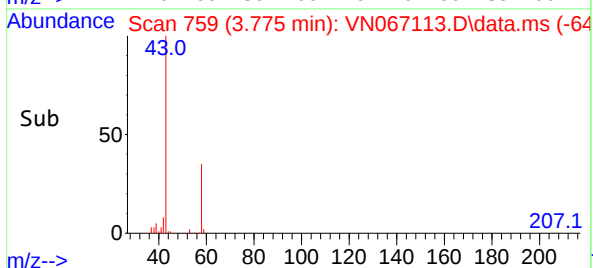
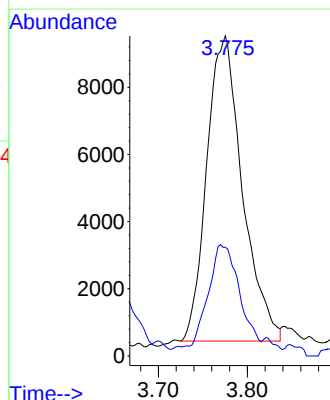
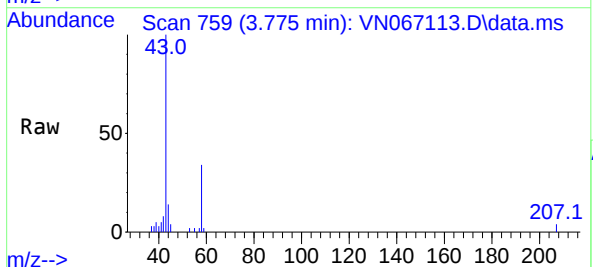
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB136439TB

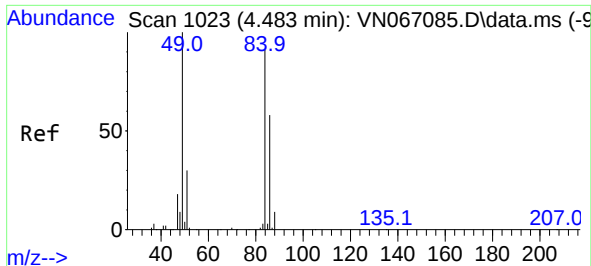
Tgt Ion:168 Resp: 636952  
Ion Ratio Lower Upper  
168 100  
99 47.3 38.5 57.7



#16  
Acetone  
Concen: 11.82 ug/l  
RT: 3.775 min Scan# 759  
Delta R.T. 0.011 min  
Lab File: VN067113.D  
Acq: 17 May 2021 19:46

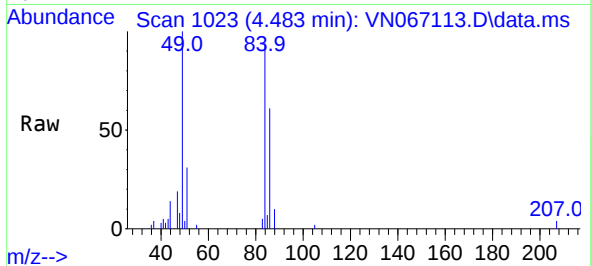
Tgt Ion: 43 Resp: 25275  
Ion Ratio Lower Upper  
43 100  
58 33.0 27.2 40.8



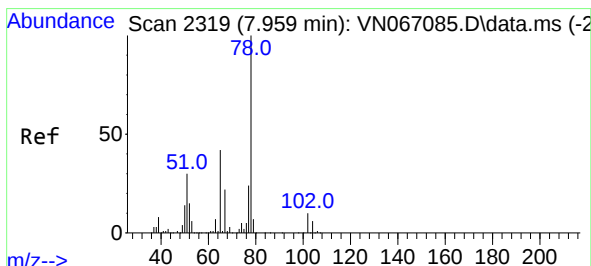
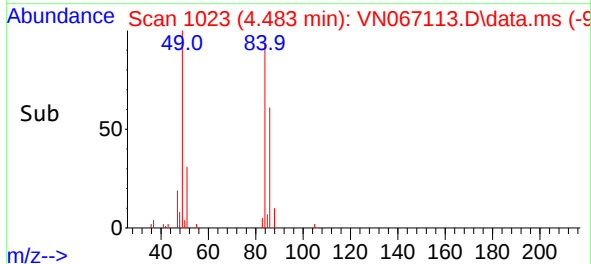
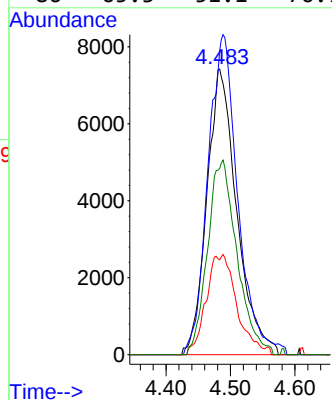


#20  
Methylene Chloride  
Concen: 3.49 ug/l  
RT: 4.483 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: VN067113.D  
Acq: 17 May 2021 19:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB136439TB

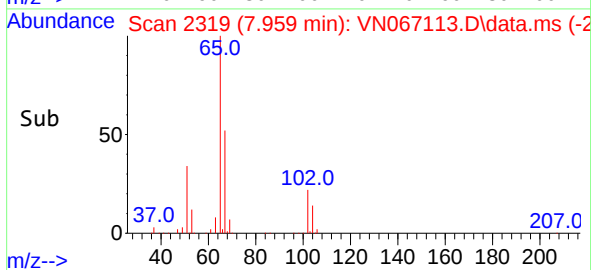
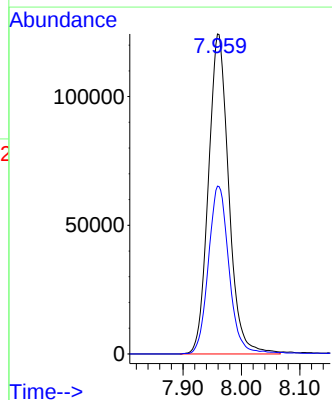
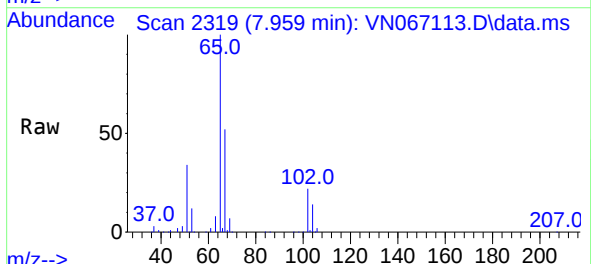


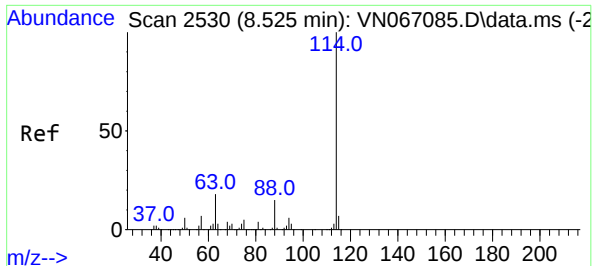
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 23926 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 106.5 | 88.3  | 132.5 |
| 51       | 33.2  | 26.7  | 40.1  |
| 86       | 65.3  | 51.1  | 76.7  |



#33  
1,2-Dichloroethane-d4  
Concen: 43.71 ug/l  
RT: 7.959 min Scan# 2319  
Delta R.T. 0.000 min  
Lab File: VN067113.D  
Acq: 17 May 2021 19:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 300752 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 52.7  | 0.0   | 110.4  |

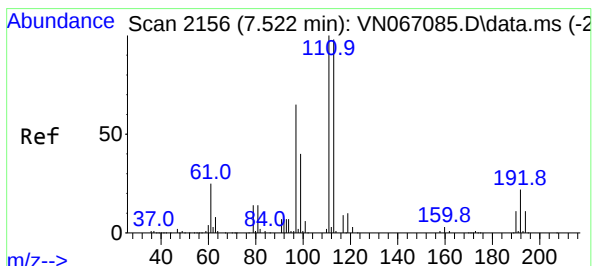
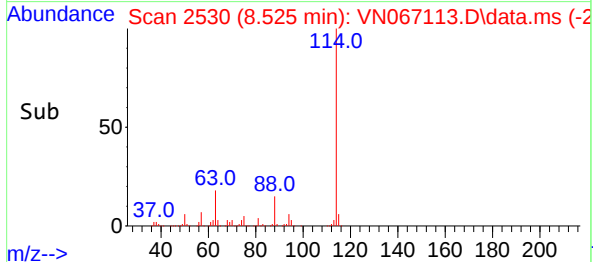
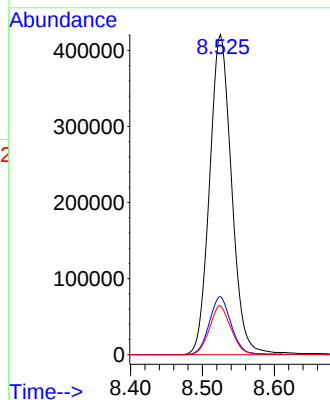
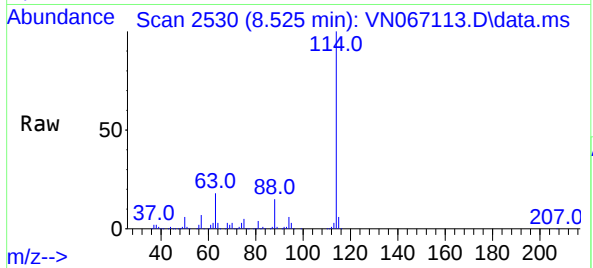




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.525 min Scan# 2530  
Delta R.T. -0.000 min  
Lab File: VN067113.D  
Acq: 17 May 2021 19:46

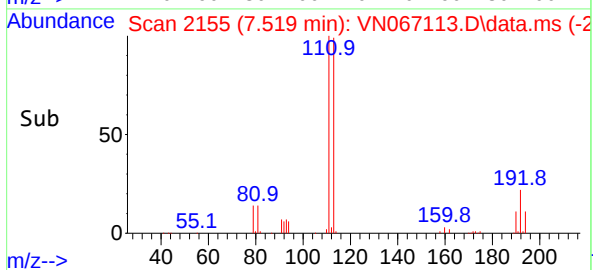
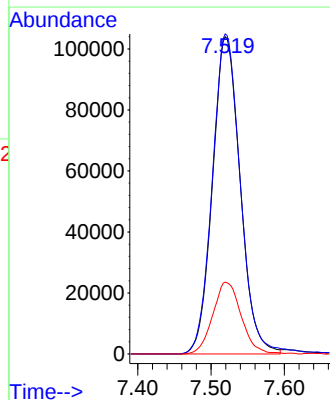
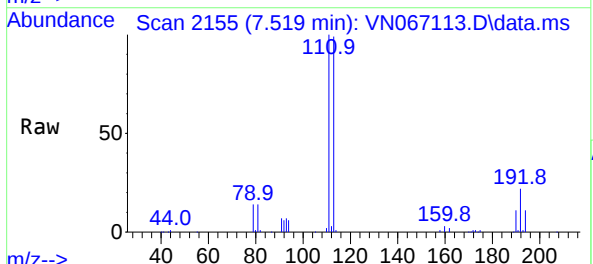
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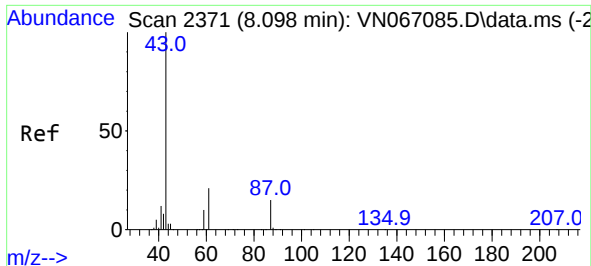
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 894591 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 18.1  | 0.0   | 35.8   |
| 88        | 15.3  | 0.0   | 30.4   |



#35  
Dibromofluoromethane  
Concen: 46.38 ug/l  
RT: 7.519 min Scan# 2155  
Delta R.T. -0.003 min  
Lab File: VN067113.D  
Acq: 17 May 2021 19:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 272418 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.8 | 82.6  | 124.0  |
| 192       | 23.3  | 18.2  | 27.4   |

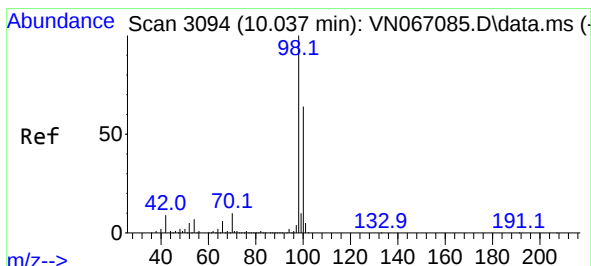
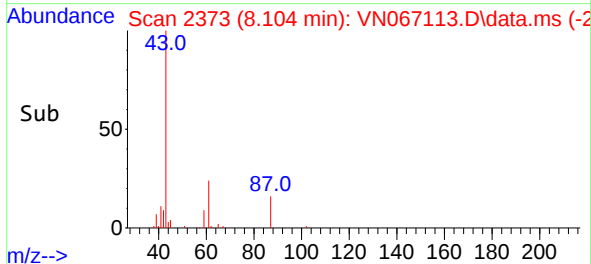
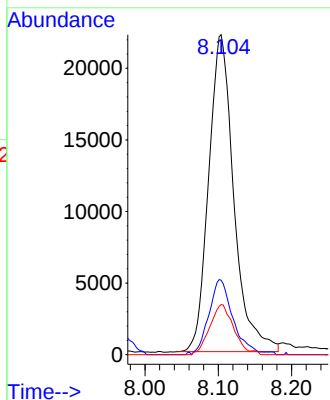
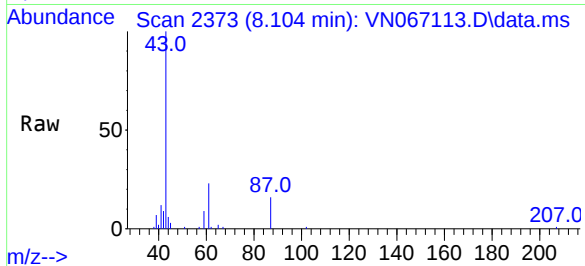




#43  
Isopropyl Acetate  
Concen: 4.42 ug/l  
RT: 8.104 min Scan# 2373  
Delta R.T. 0.006 min  
Lab File: VN067113.D  
Acq: 17 May 2021 19:46

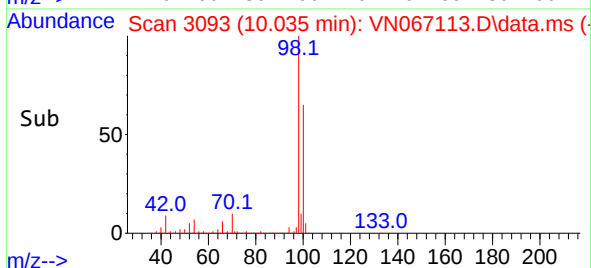
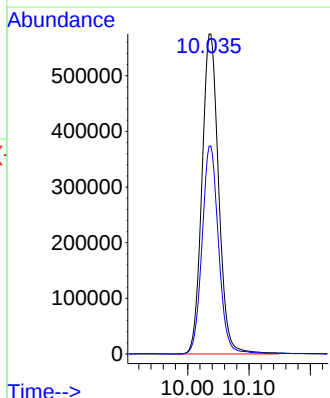
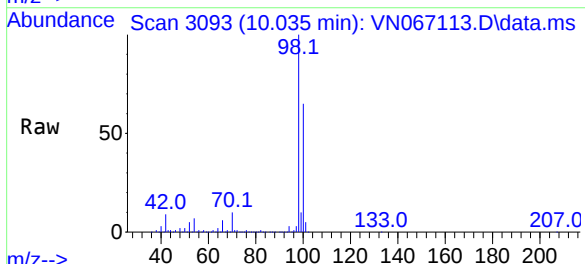
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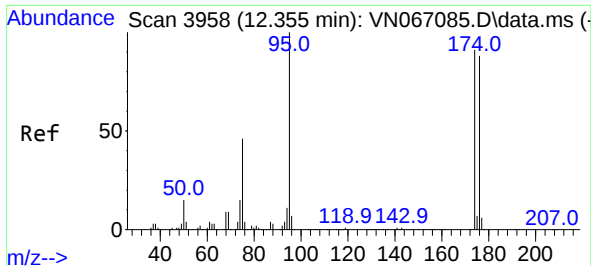
Tgt Ion: 43 Resp: 52898  
Ion Ratio Lower Upper  
43 100  
61 22.4 23.4 35.0#  
87 14.8 12.2 18.2



#50  
Toluene-d8  
Concen: 48.82 ug/l  
RT: 10.035 min Scan# 3093  
Delta R.T. -0.002 min  
Lab File: VN067113.D  
Acq: 17 May 2021 19:46

Tgt Ion: 98 Resp: 1086894  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.8 77.8

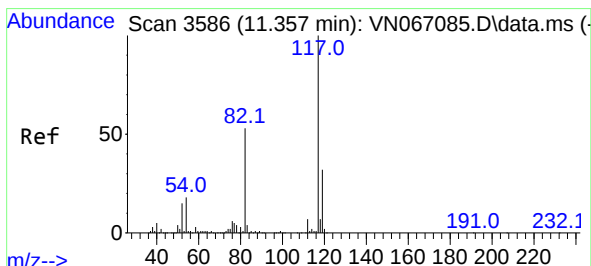
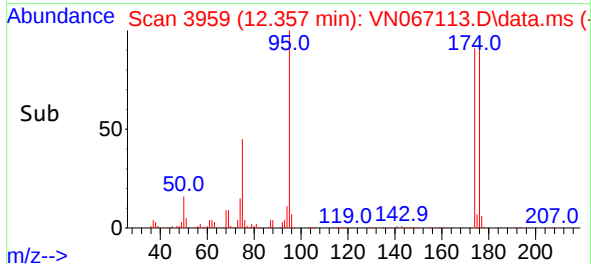
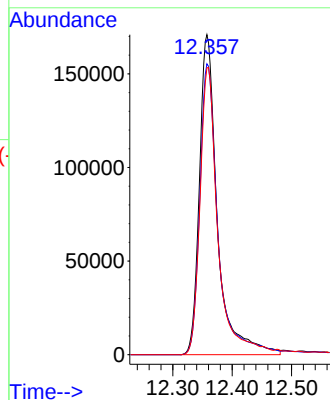
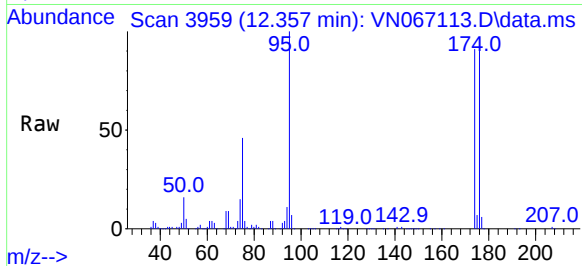




#62  
4-Bromofluorobenzene  
Concen: 48.29 ug/l  
RT: 12.357 min Scan# 3959  
Delta R.T. 0.002 min  
Lab File: VN067113.D  
Acq: 17 May 2021 19:46

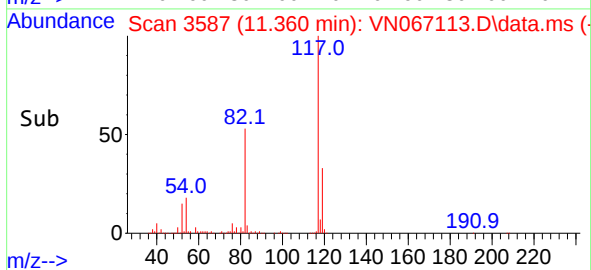
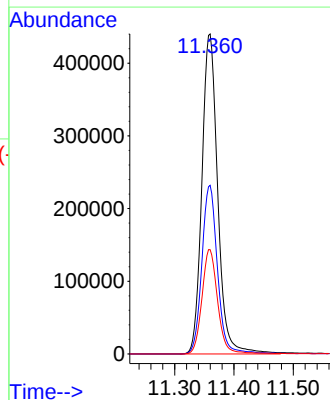
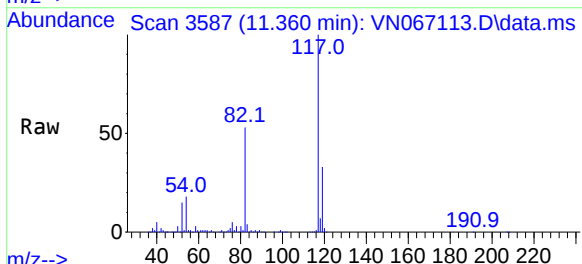
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB136439TB

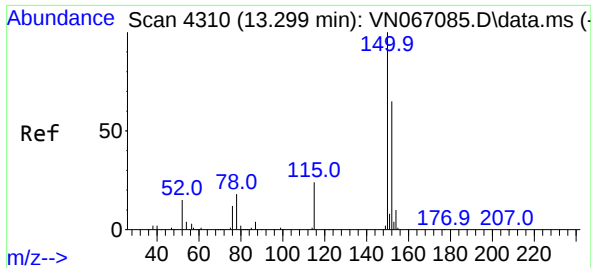
Tgt Ion: 95 Resp: 360152  
Ion Ratio Lower Upper  
95 100  
174 92.2 0.0 182.8  
176 89.5 0.0 176.6



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.360 min Scan# 3587  
Delta R.T. 0.003 min  
Lab File: VN067113.D  
Acq: 17 May 2021 19:46

Tgt Ion: 117 Resp: 817920  
Ion Ratio Lower Upper  
117 100  
82 52.7 42.2 63.2  
119 32.6 25.8 38.6





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.302 min Scan# 4311  
Delta R.T. 0.003 min  
Lab File: VN067113.D  
Acq: 17 May 2021 19:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB136439TB

Tgt Ion:152 Resp: 342162  
Ion Ratio Lower Upper  
152 100  
115 54.4 27.0 80.8  
150 160.7 0.0 350.2

