

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050521\  
 Data File : VN066991.D  
 Acq On : 5 May 2021 16:44  
 Operator : JC/MD  
 Sample : PB136154ZHE#18  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB136154ZHE#18

Quant Time: May 06 04:50:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050421W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 05 07:24:52 2021  
 Response via : Initial Calibration

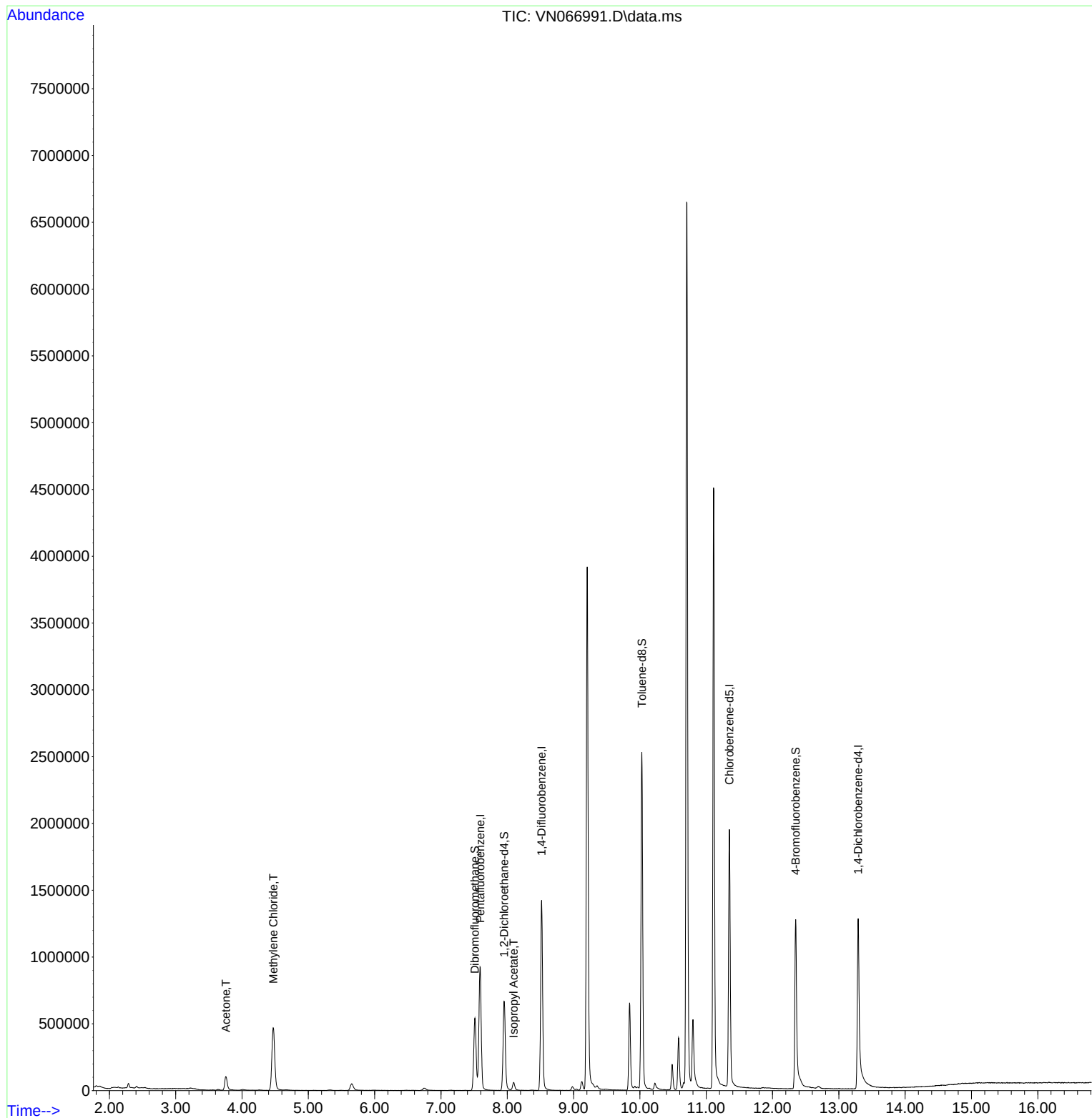
| Compound                    | R.T.           | QIon | Response           | Conc  | Units  | Dev(Min) |
|-----------------------------|----------------|------|--------------------|-------|--------|----------|
| -----                       |                |      |                    |       |        |          |
| Internal Standards          |                |      |                    |       |        |          |
| 1) Pentafluorobenzene       | 7.592          | 168  | 716984             | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.517          | 114  | 1245633            | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.350         | 117  | 1135712            | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.291         | 152  | 463254             | 50.00 | ug/l   | 0.00     |
|                             |                |      |                    |       |        |          |
| System Monitoring Compounds |                |      |                    |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.954          | 65   | 592344             | 52.49 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 104.98% |       |        |          |
| 35) Dibromofluoromethane    | 7.512          | 113  | 435249             | 51.46 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 102.92% |       |        |          |
| 50) Toluene-d8              | 10.030         | 98   | 1748701            | 54.29 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 108.58% |       |        |          |
| 62) 4-Bromofluorobenzene    | 12.350         | 95   | 581097             | 53.28 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 106.56% |       |        |          |
|                             |                |      |                    |       |        |          |
| Target Compounds            |                |      |                    |       | Qvalue |          |
| 16) Acetone                 | 3.757          | 43   | 181066             | 45.61 | ug/l   | 98       |
| 20) Methylene Chloride      | 4.473          | 84   | 349854             | 34.74 | ug/l   | 91       |
| 43) Isopropyl Acetate       | 8.096          | 43   | 74047              | 3.45  | ug/l # | 89       |
| -----                       |                |      |                    |       |        |          |

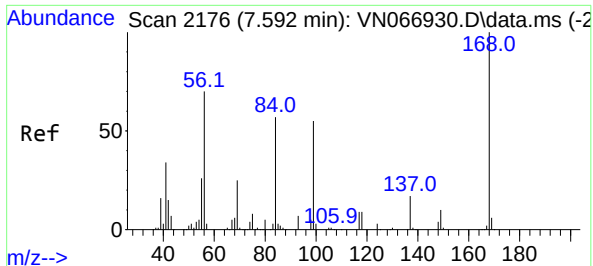
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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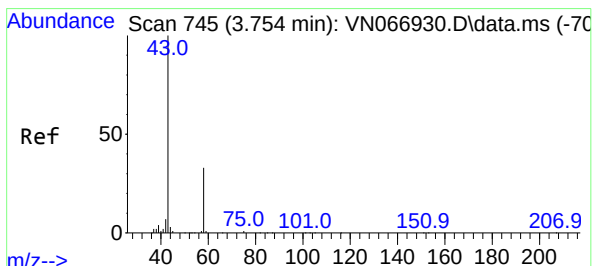
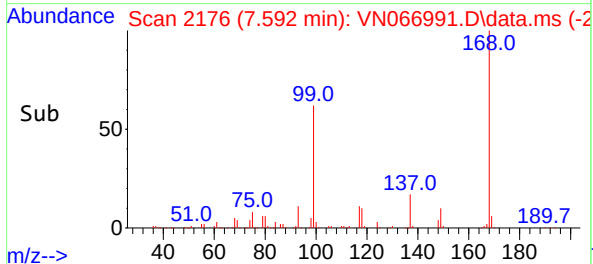
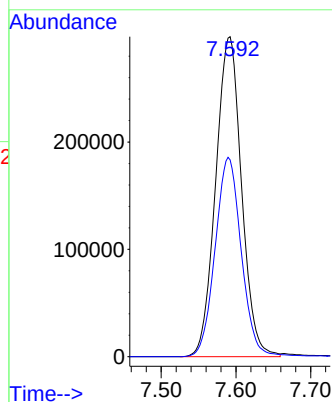
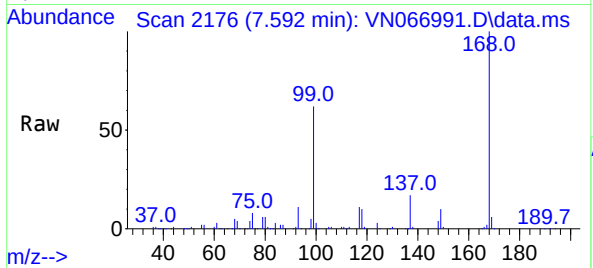




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.592 min Scan# 2176  
Delta R.T. 0.000 min  
Lab File: VN066991.D  
Acq: 5 May 2021 16:44

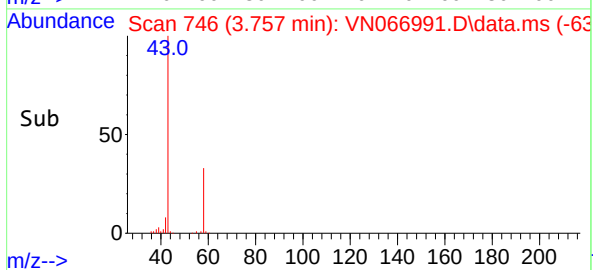
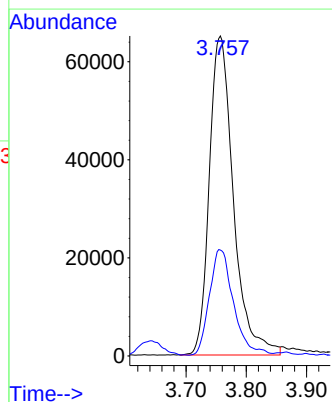
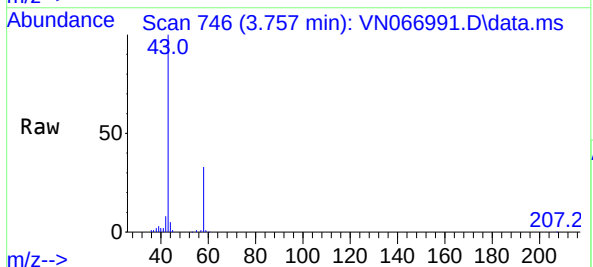
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB136154ZHE#18

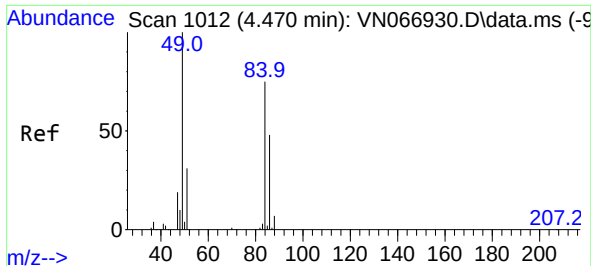
Tgt Ion:168 Resp: 716984  
Ion Ratio Lower Upper  
168 100  
99 61.5 42.6 63.8



#16  
Acetone  
Concen: 45.61 ug/l  
RT: 3.757 min Scan# 746  
Delta R.T. 0.003 min  
Lab File: VN066991.D  
Acq: 5 May 2021 16:44

Tgt Ion: 43 Resp: 181066  
Ion Ratio Lower Upper  
43 100  
58 32.8 27.0 40.6

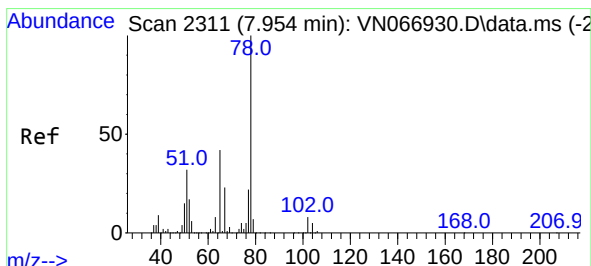
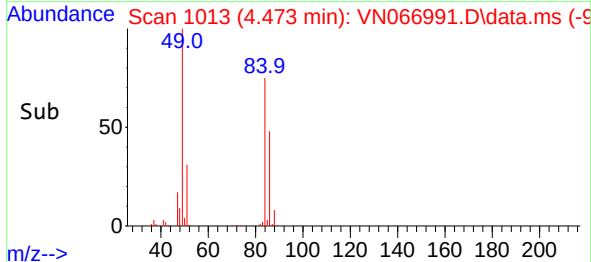
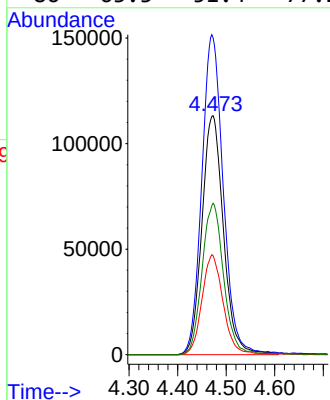
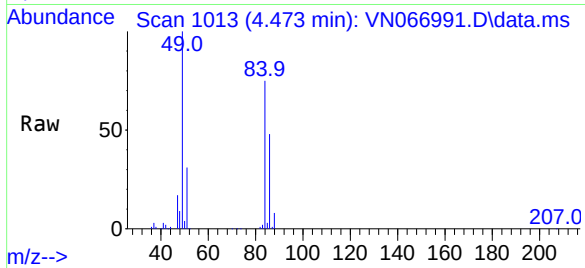




#20  
Methylene Chloride  
Concen: 34.74 ug/l  
RT: 4.473 min Scan# 1013  
Delta R.T. 0.003 min  
Lab File: VN066991.D  
Acq: 5 May 2021 16:44

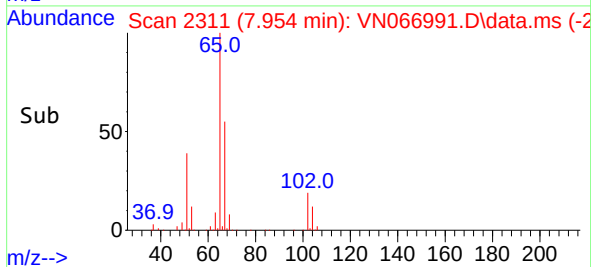
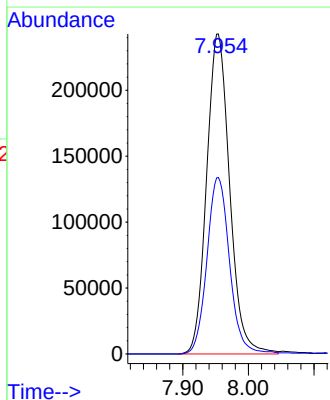
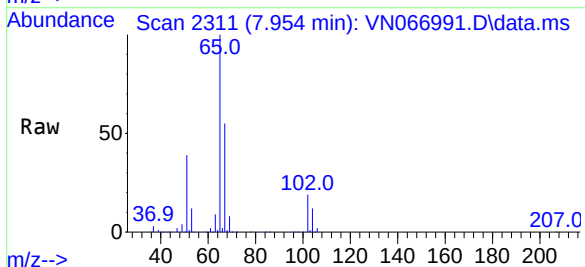
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB136154ZHE#18

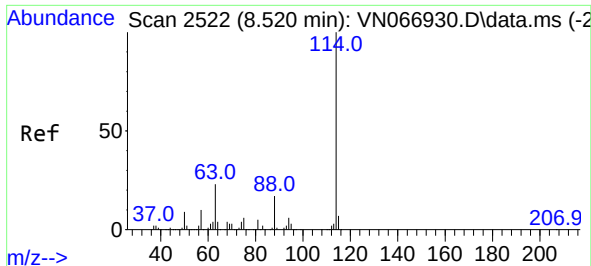
Tgt Ion: 84 Resp: 349854  
Ion Ratio Lower Upper  
84 100  
49 132.6 94.6 141.8  
51 41.4 29.9 44.9  
86 63.3 51.4 77.2



#33  
1,2-Dichloroethane-d4  
Concen: 52.49 ug/l  
RT: 7.954 min Scan# 2311  
Delta R.T. 0.000 min  
Lab File: VN066991.D  
Acq: 5 May 2021 16:44

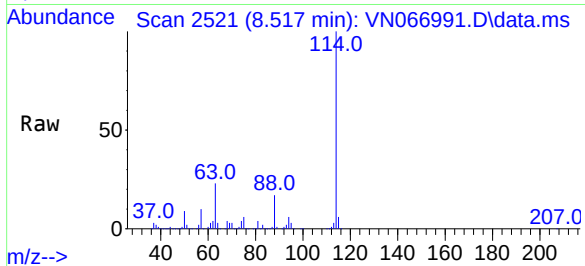
Tgt Ion: 65 Resp: 592344  
Ion Ratio Lower Upper  
65 100  
67 54.2 0.0 107.2





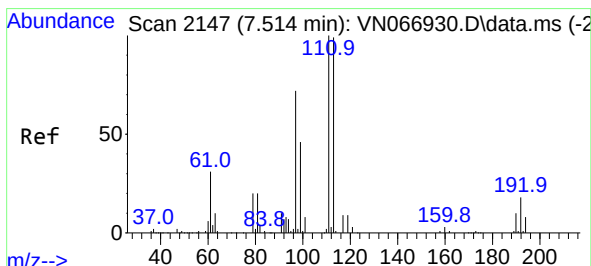
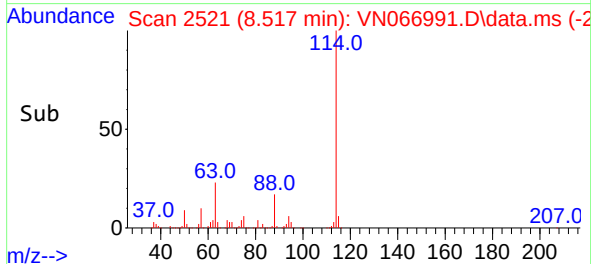
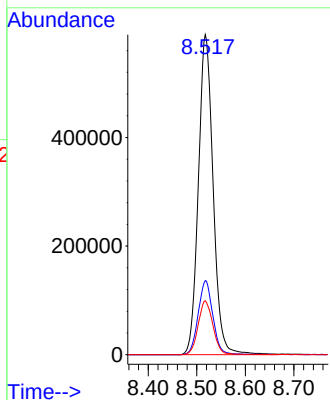
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.517 min Scan# 2521  
Delta R.T. -0.003 min  
Lab File: VN066991.D  
Acq: 5 May 2021 16:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB136154ZHE#18



Tgt Ion:114 Resp: 1245633

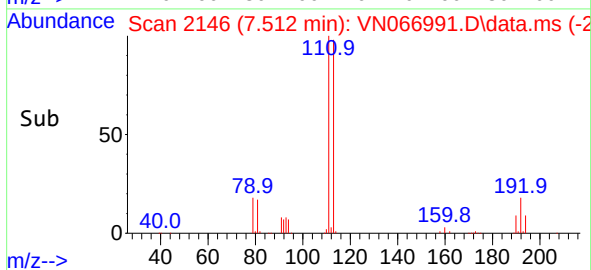
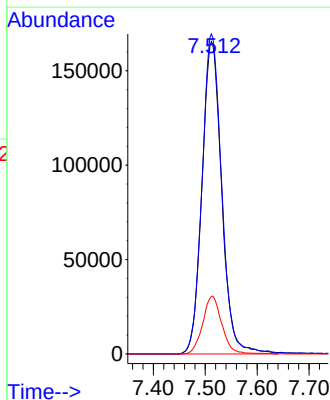
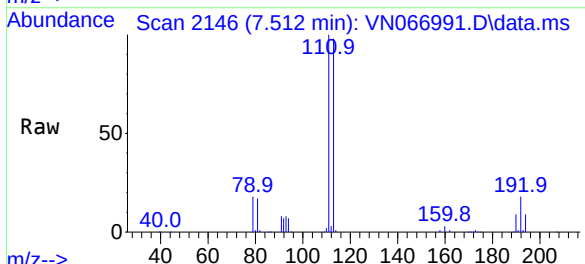
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 23.2  | 0.0   | 38.6  |
| 88  | 16.9  | 0.0   | 30.6  |

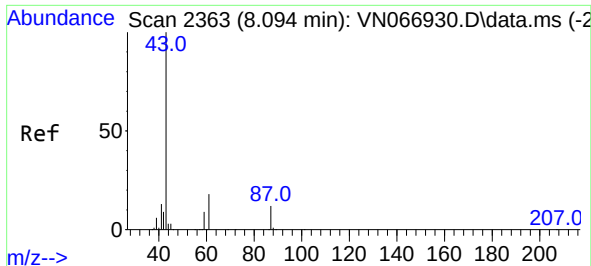


#35  
Dibromofluoromethane  
Concen: 51.46 ug/l  
RT: 7.512 min Scan# 2146  
Delta R.T. -0.002 min  
Lab File: VN066991.D  
Acq: 5 May 2021 16:44

Tgt Ion:113 Resp: 435249

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.1 | 82.2  | 123.2 |
| 192 | 17.9  | 15.4  | 23.0  |

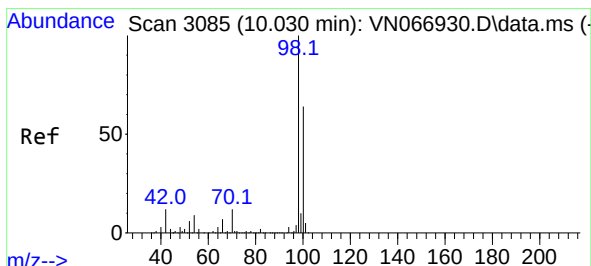
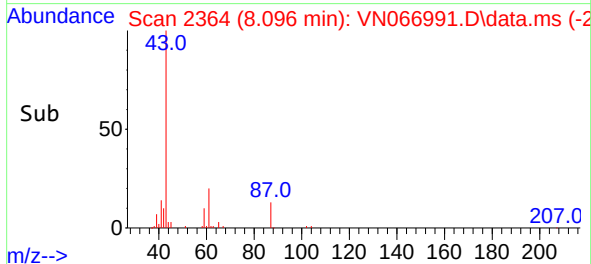
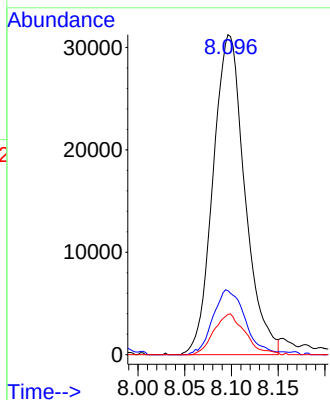
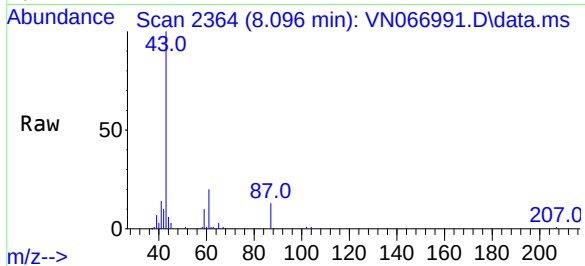




#43  
Isopropyl Acetate  
Concen: 3.45 ug/l  
RT: 8.096 min Scan# 2364  
Delta R.T. 0.002 min  
Lab File: VN066991.D  
Acq: 5 May 2021 16:44

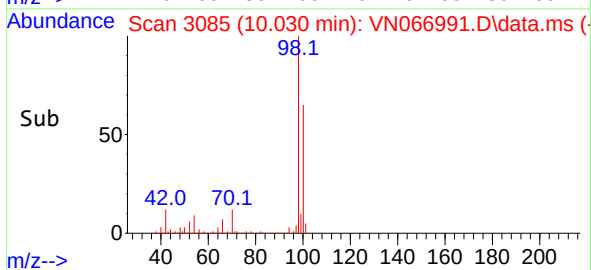
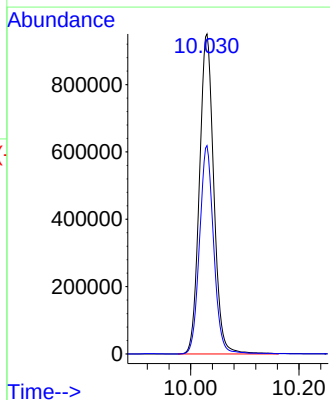
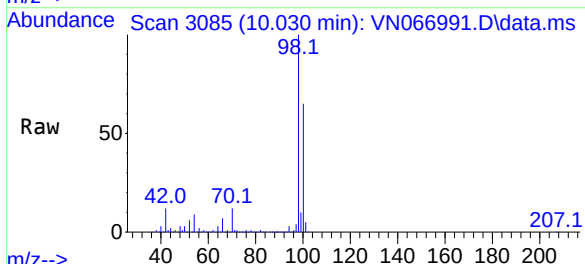
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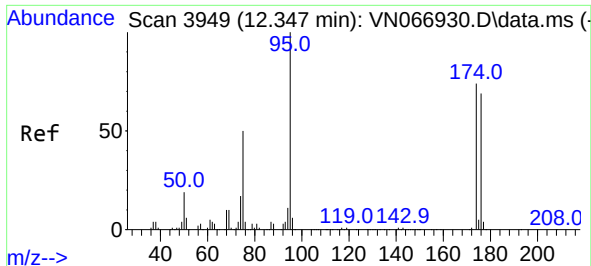
Tgt Ion: 43 Resp: 74047  
Ion Ratio Lower Upper  
43 100  
61 20.5 22.5 33.7#  
87 12.5 11.1 16.7



#50  
Toluene-d8  
Concen: 54.29 ug/l  
RT: 10.030 min Scan# 3085  
Delta R.T. -0.000 min  
Lab File: VN066991.D  
Acq: 5 May 2021 16:44

Tgt Ion: 98 Resp: 1748701  
Ion Ratio Lower Upper  
98 100  
100 64.1 50.5 75.7

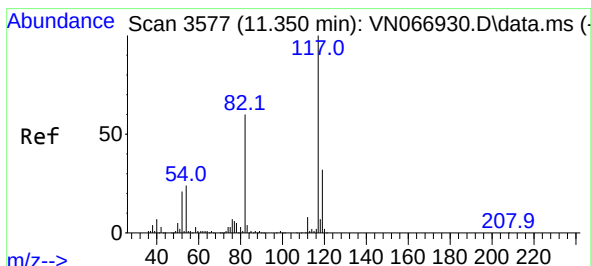
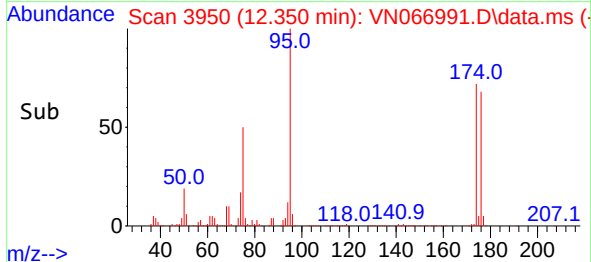
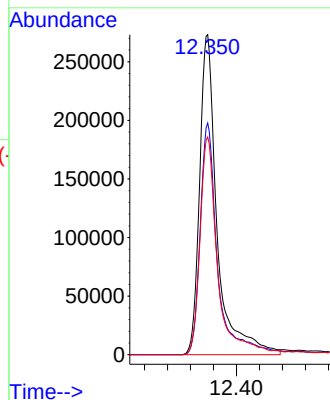
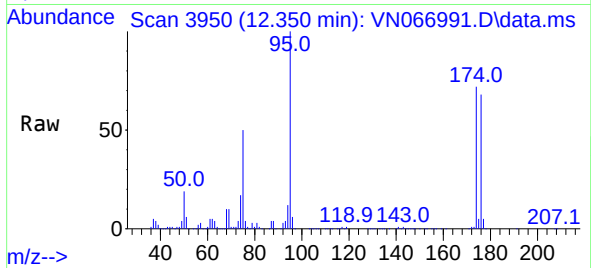




#62  
4-Bromofluorobenzene  
Concen: 53.28 ug/l  
RT: 12.350 min Scan# 3950  
Delta R.T. 0.003 min  
Lab File: VN066991.D  
Acq: 5 May 2021 16:44

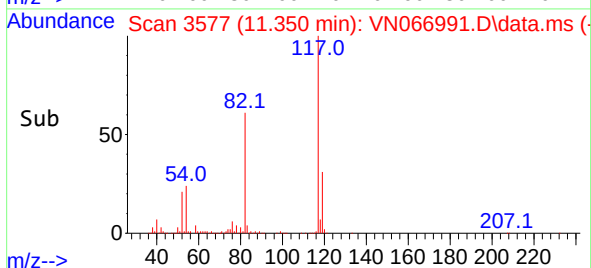
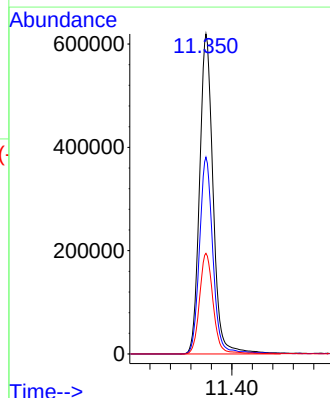
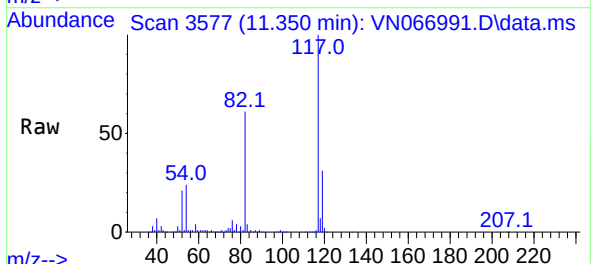
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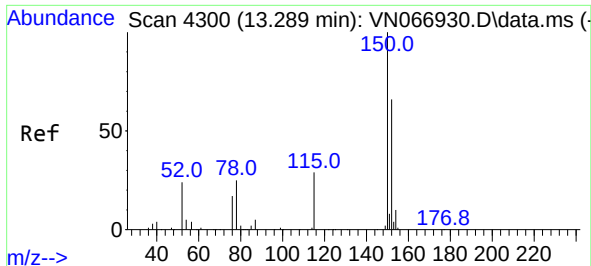
Tgt Ion: 95 Resp: 581097  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 169.0  
176 67.6 0.0 162.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.350 min Scan# 3577  
Delta R.T. -0.000 min  
Lab File: VN066991.D  
Acq: 5 May 2021 16:44

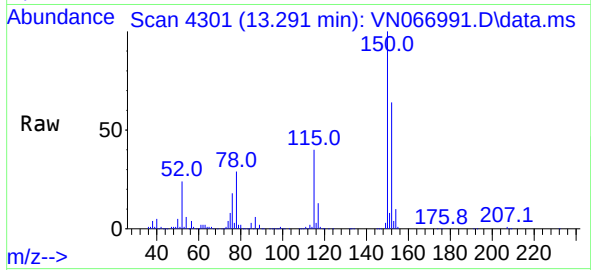
Tgt Ion: 117 Resp: 1135712  
Ion Ratio Lower Upper  
117 100  
82 61.5 43.7 65.5  
119 31.5 26.1 39.1





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.291 min Scan# 4301  
 Delta R.T. 0.002 min  
 Lab File: VN066991.D  
 Acq: 5 May 2021 16:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB136154ZHE#18



Tgt Ion:152 Resp: 463254  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 64.3  | 28.5  | 85.6  |
| 150 | 159.1 | 0.0   | 347.6 |

