

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050621\  
 Data File : VN067016.D  
 Acq On : 6 May 2021 17:36  
 Operator : JC/MD  
 Sample : M2322-11  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-20210505

Quant Time: May 07 04:09:33 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

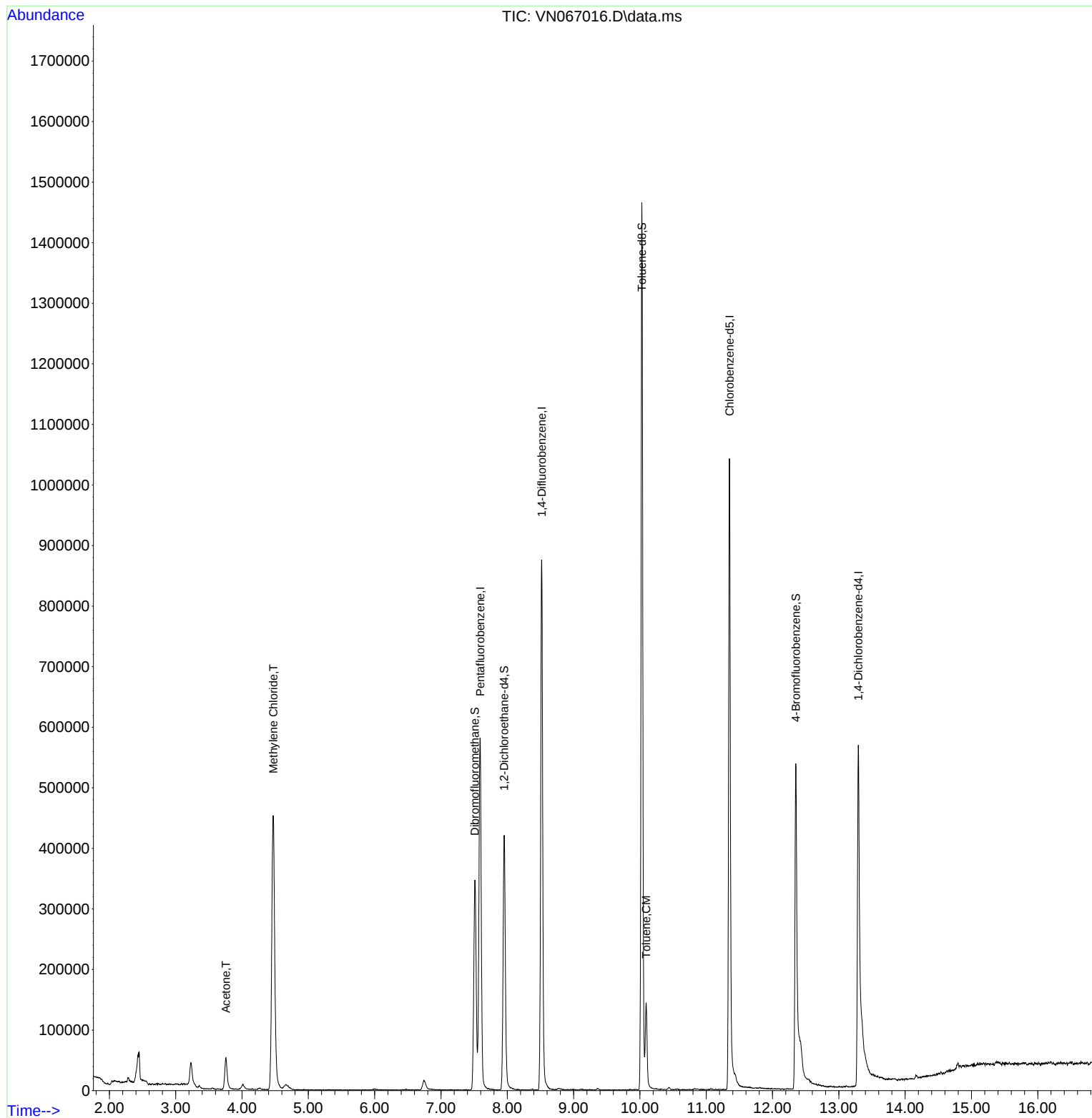
| Compound                    | R.T.           | QIon | Response           | Conc  | Units  | Dev(Min) |
|-----------------------------|----------------|------|--------------------|-------|--------|----------|
| -----                       |                |      |                    |       |        |          |
| Internal Standards          |                |      |                    |       |        |          |
| 1) Pentafluorobenzene       | 7.592          | 168  | 445833             | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.520          | 114  | 755014             | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.352         | 117  | 637309             | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.294         | 152  | 252560             | 50.00 | ug/l   | 0.00     |
|                             |                |      |                    |       |        |          |
| System Monitoring Compounds |                |      |                    |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.954          | 65   | 378573             | 53.95 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 107.90% |       |        |          |
| 35) Dibromofluoromethane    | 7.512          | 113  | 273177             | 53.28 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 106.56% |       |        |          |
| 50) Toluene-d8              | 10.030         | 98   | 1009556            | 51.71 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 103.42% |       |        |          |
| 62) 4-Bromofluorobenzene    | 12.353         | 95   | 299212             | 45.26 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 90.52%  |       |        |          |
|                             |                |      |                    |       |        |          |
| Target Compounds            |                |      |                    |       | Qvalue |          |
| 16) Acetone                 | 3.757          | 43   | 86282              | 34.95 | ug/l   | 95       |
| 20) Methylene Chloride      | 4.473          | 84   | 341768             | 54.58 | ug/l   | 93       |
| 52) Toluene                 | 10.094         | 92   | 58721              | 4.05  | ug/l   | 96       |
| -----                       |                |      |                    |       |        |          |

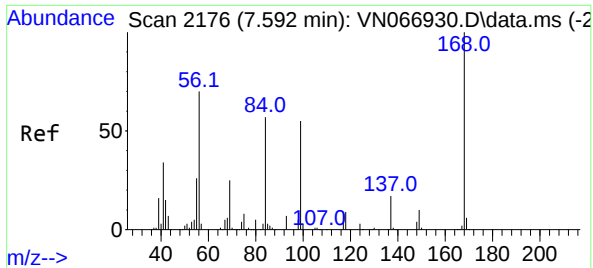
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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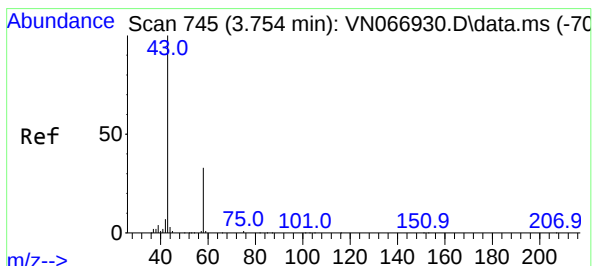
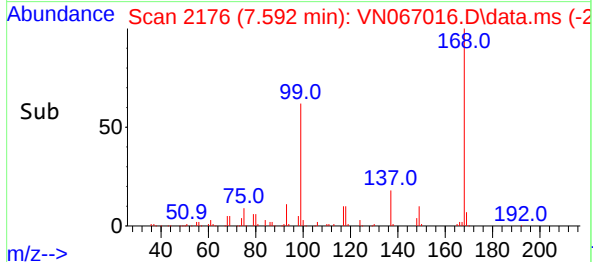
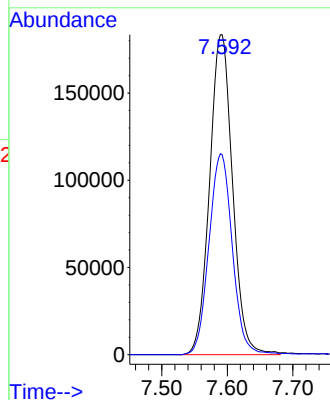
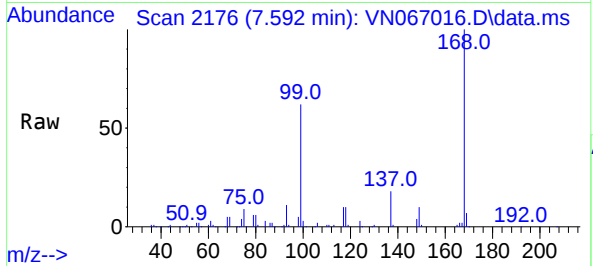




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.592 min Scan# 2176  
Delta R.T. 0.000 min  
Lab File: VN067016.D  
Acq: 6 May 2021 17:36

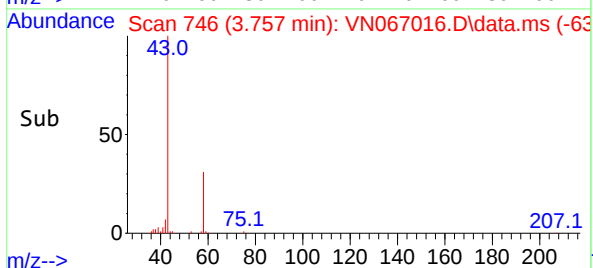
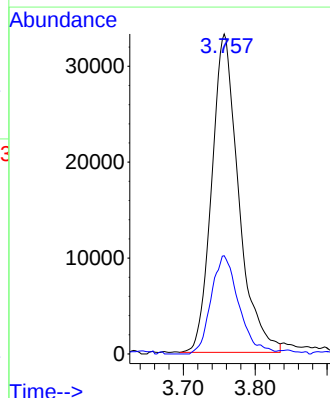
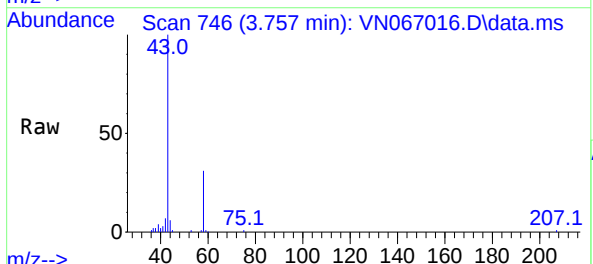
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-20210505

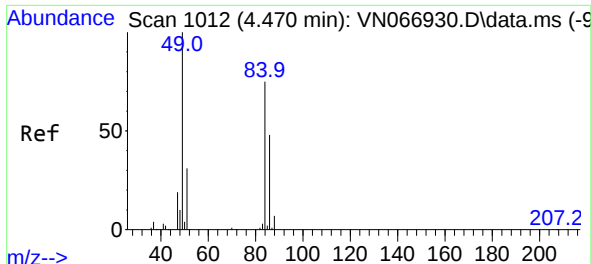
Tgt Ion:168 Resp: 445833  
Ion Ratio Lower Upper  
168 100  
99 62.5 42.6 63.8



#16  
Acetone  
Concen: 34.95 ug/l  
RT: 3.757 min Scan# 746  
Delta R.T. 0.003 min  
Lab File: VN067016.D  
Acq: 6 May 2021 17:36

Tgt Ion: 43 Resp: 86282  
Ion Ratio Lower Upper  
43 100  
58 30.9 27.0 40.6



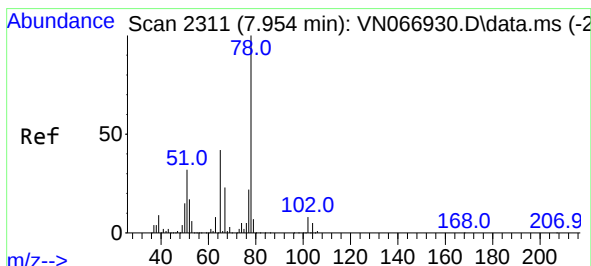
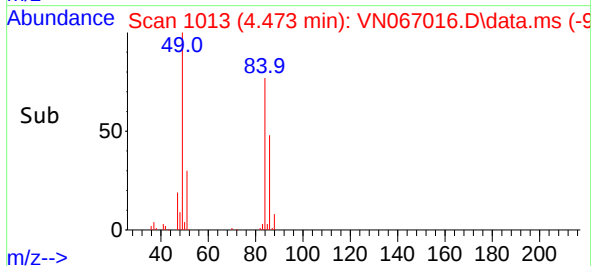
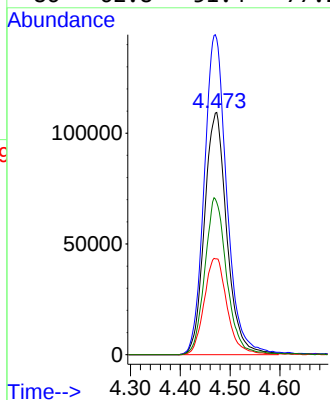
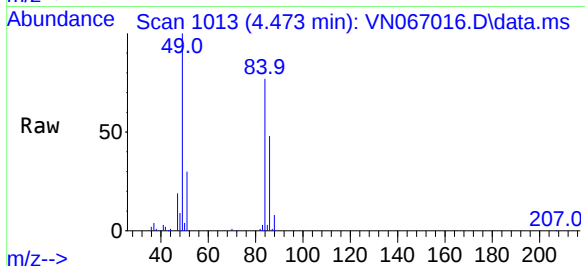


#20  
Methylene Chloride  
Concen: 54.58 ug/l  
RT: 4.473 min Scan# 1013  
Delta R.T. 0.003 min  
Lab File: VN067016.D  
Acq: 6 May 2021 17:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-20210505

Tgt Ion: 84 Resp: 341768

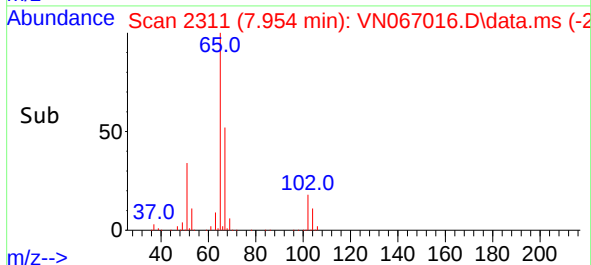
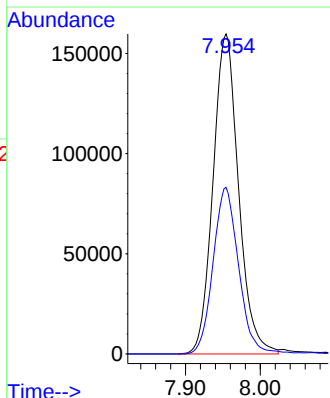
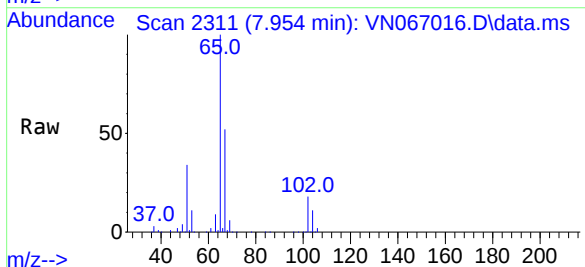
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 130.4 | 94.6  | 141.8 |
| 51  | 39.6  | 29.9  | 44.9  |
| 86  | 62.8  | 51.4  | 77.2  |

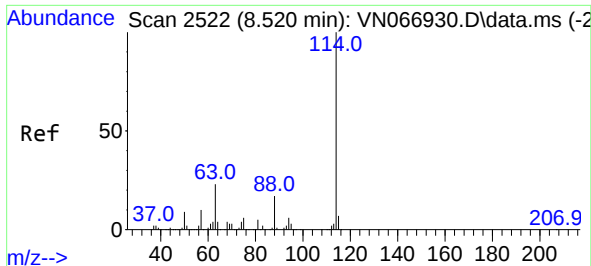


#33  
1,2-Dichloroethane-d4  
Concen: 53.95 ug/l  
RT: 7.954 min Scan# 2311  
Delta R.T. 0.000 min  
Lab File: VN067016.D  
Acq: 6 May 2021 17:36

Tgt Ion: 65 Resp: 378573

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.1  | 0.0   | 107.2 |



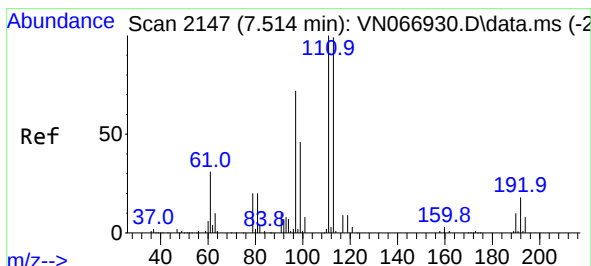
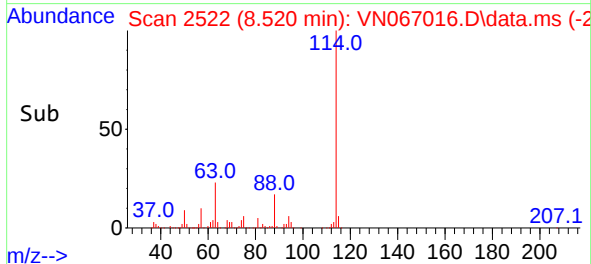
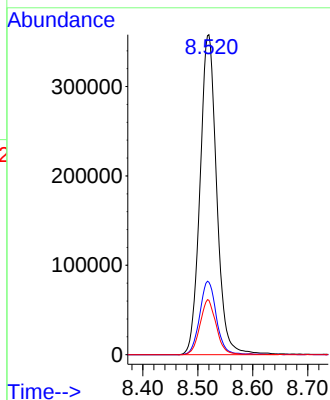
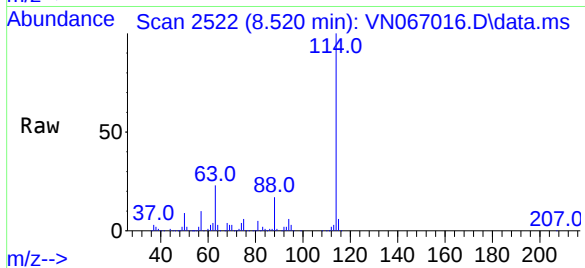


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.520 min Scan# 2522  
Delta R.T. 0.000 min  
Lab File: VN067016.D  
Acq: 6 May 2021 17:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-20210505

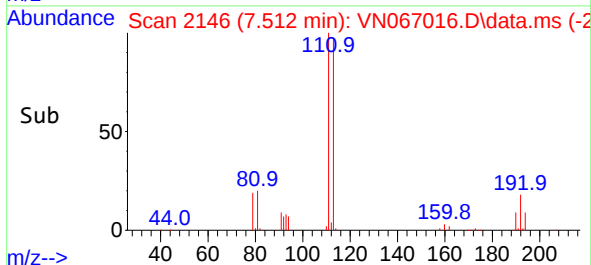
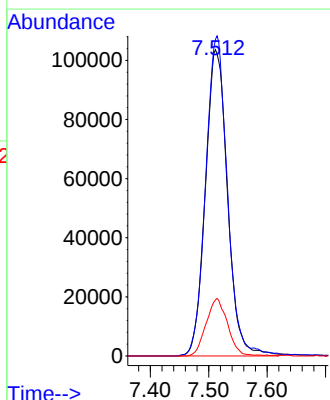
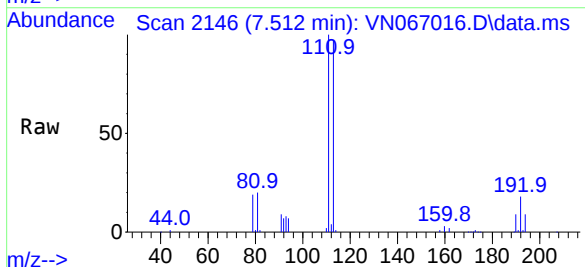
Tgt Ion:114 Resp: 755014  
Ion Ratio Lower Upper  
114 100  
63 22.6 0.0 38.6  
88 17.0 0.0 30.6

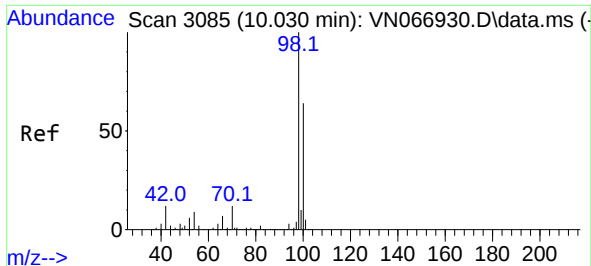


#35

Dibromofluoromethane  
Concen: 53.28 ug/l  
RT: 7.512 min Scan# 2146  
Delta R.T. -0.002 min  
Lab File: VN067016.D  
Acq: 6 May 2021 17:36

Tgt Ion:113 Resp: 273177  
Ion Ratio Lower Upper  
113 100  
111 100.9 82.2 123.2  
192 18.1 15.4 23.0

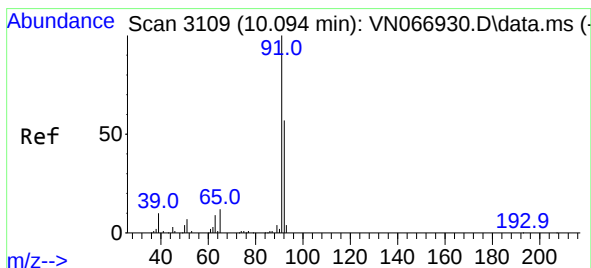
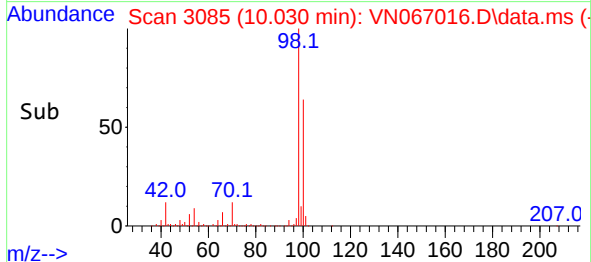
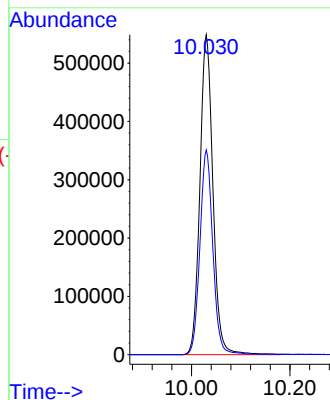
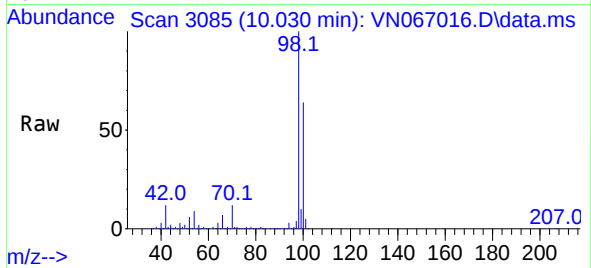




#50  
Toluene-d8  
Concen: 51.71 ug/l  
RT: 10.030 min Scan# 3085  
Delta R.T. 0.000 min  
Lab File: VN067016.D  
Acq: 6 May 2021 17:36

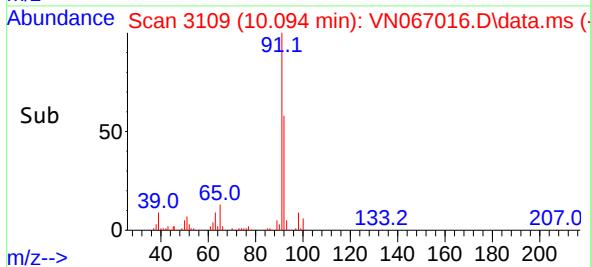
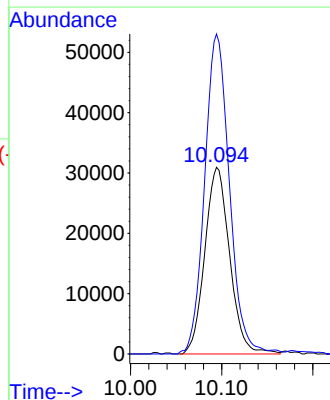
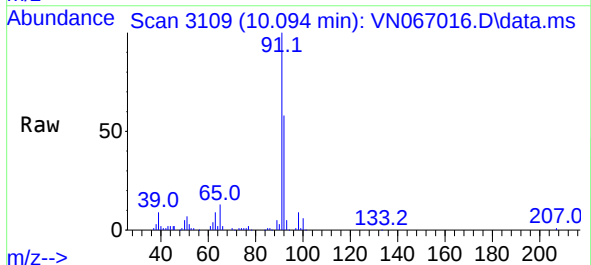
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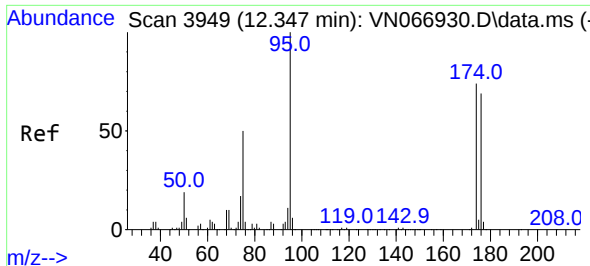
Tgt Ion: 98 Resp: 1009556  
Ion Ratio Lower Upper  
98 100  
100 63.1 50.5 75.7



#52  
Toluene  
Concen: 4.05 ug/l  
RT: 10.094 min Scan# 3109  
Delta R.T. 0.000 min  
Lab File: VN067016.D  
Acq: 6 May 2021 17:36

Tgt Ion: 92 Resp: 58721  
Ion Ratio Lower Upper  
92 100  
91 169.7 140.7 211.1

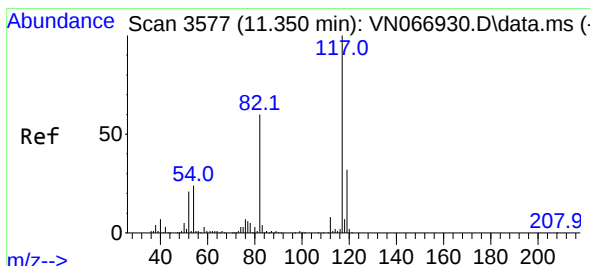
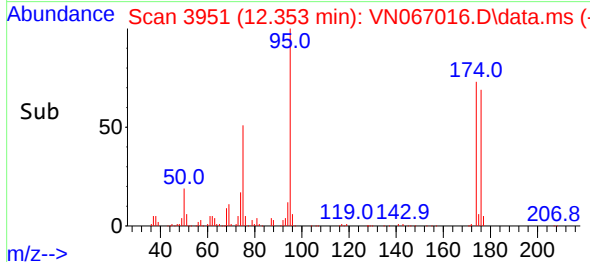
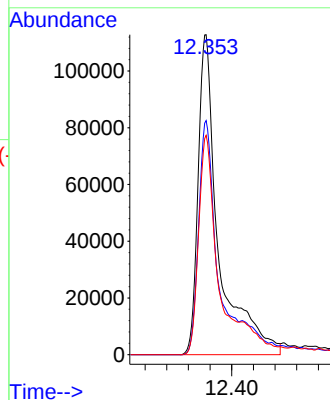
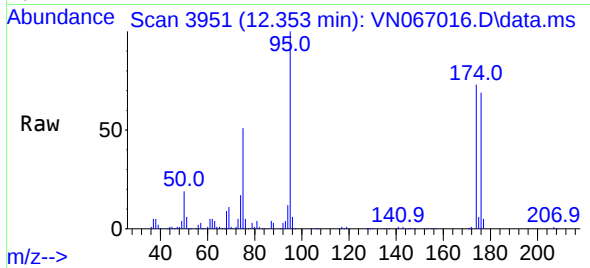




#62  
4-Bromofluorobenzene  
Concen: 45.26 ug/l  
RT: 12.353 min Scan# 3951  
Delta R.T. 0.006 min  
Lab File: VN067016.D  
Acq: 6 May 2021 17:36

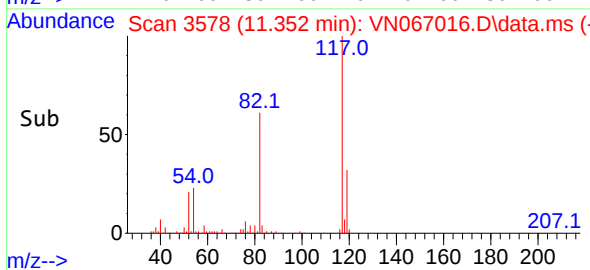
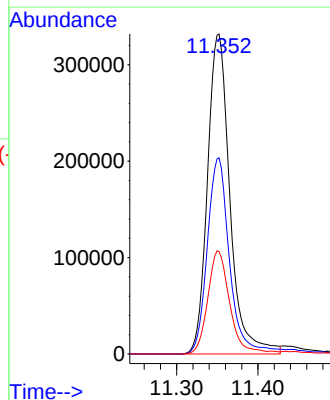
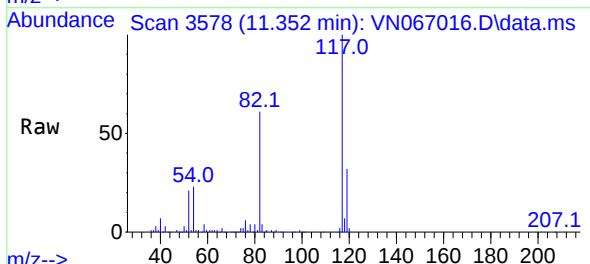
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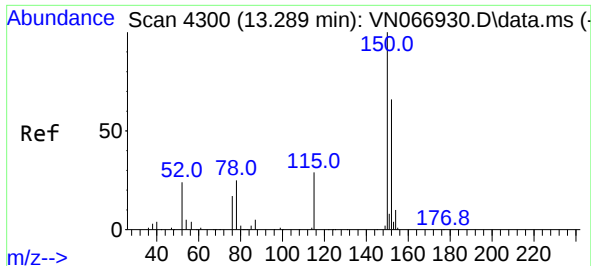
Tgt Ion: 95 Resp: 299212  
Ion Ratio Lower Upper  
95 100  
174 62.9 0.0 169.0  
176 58.7 0.0 162.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.352 min Scan# 3578  
Delta R.T. 0.002 min  
Lab File: VN067016.D  
Acq: 6 May 2021 17:36

Tgt Ion: 117 Resp: 637309  
Ion Ratio Lower Upper  
117 100  
82 61.3 43.7 65.5  
119 32.0 26.1 39.1





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.294 min Scan# 4302  
 Delta R.T. 0.005 min  
 Lab File: VN067016.D  
 Acq: 6 May 2021 17:36

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-20210505

Tgt Ion:152 Resp: 252560  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 62.6  | 28.5  | 85.6  |
| 150 | 160.0 | 0.0   | 347.6 |

