

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042821\  
 Data File : VU043389.D  
 Acq On : 28 Apr 2021 16:27  
 Operator : SY/MD  
 Sample : M2133-10  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 SA-PZ124-20210420

Quant Time: Apr 29 08:39:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 12 13:17:29 2021  
 Response via : Initial Calibration

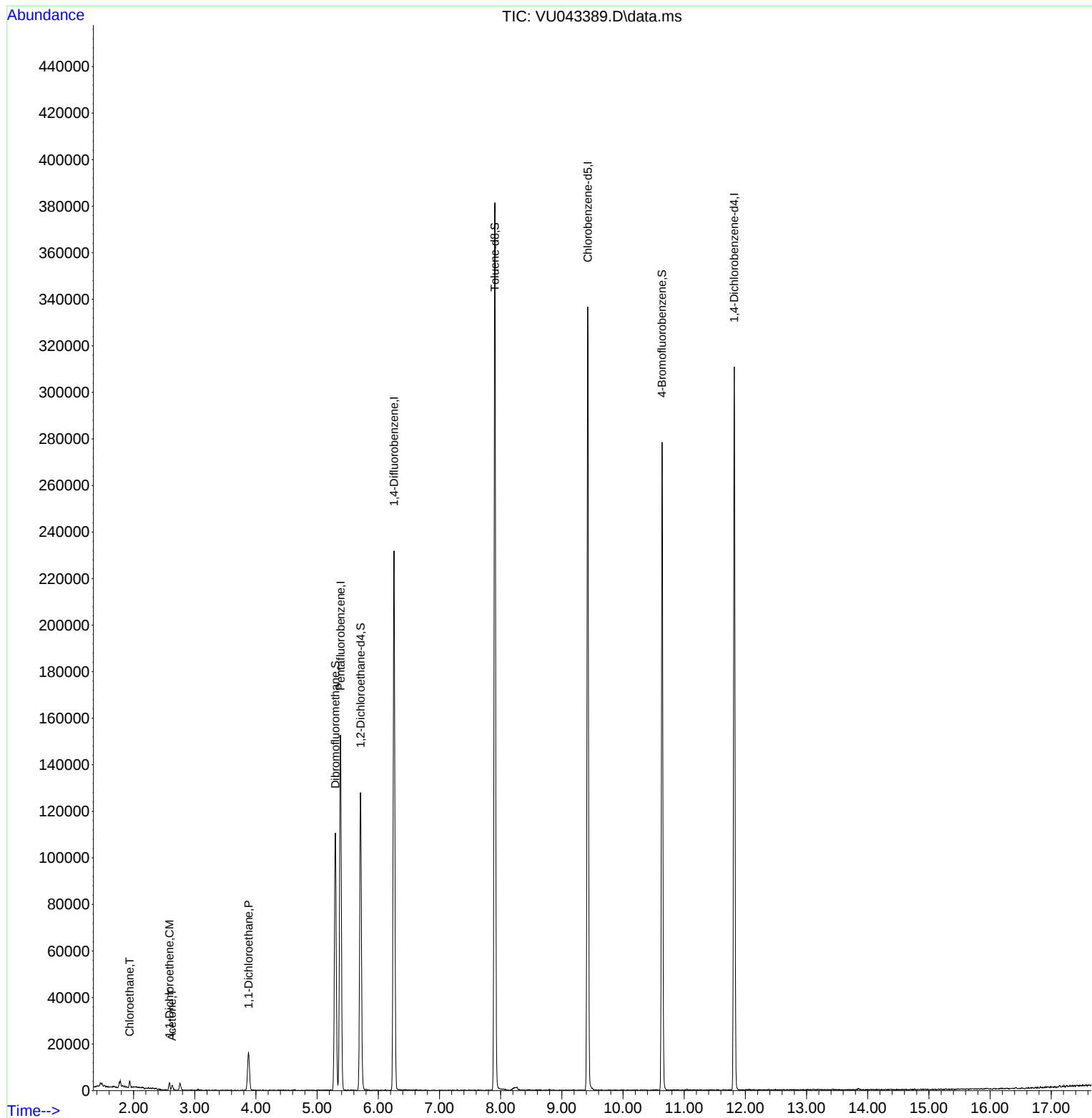
| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) Pentafluorobenzene       | 5.382  | 168  | 101485   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.256  | 114  | 169094   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 166624   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 77919    | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 97574    | 57.19 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 114.38% |          |
| 35) Dibromofluoromethane    | 5.298  | 113  | 67825    | 53.38 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 106.76% |          |
| 50) Toluene-d8              | 7.906  | 98   | 229678   | 51.08 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 102.16% |          |
| 62) 4-Bromofluorobenzene    | 10.639 | 95   | 81433    | 45.23 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 90.46%  |          |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       |         | Qvalue   |
| 6) Chloroethane             | 1.938  | 64   | 1937     | 2.42  | ug/l    | 96       |
| 12) 1,1-Dichloroethene      | 2.588  | 96   | 993      | 1.05  | ug/l    | 91       |
| 16) Acetone                 | 2.626  | 43   | 2535     | 2.22  | ug/l    | 92       |
| 24) 1,1-Dichloroethane      | 3.880  | 63   | 18769    | 8.42  | ug/l    | 99       |
| -----                       |        |      |          |       |         |          |

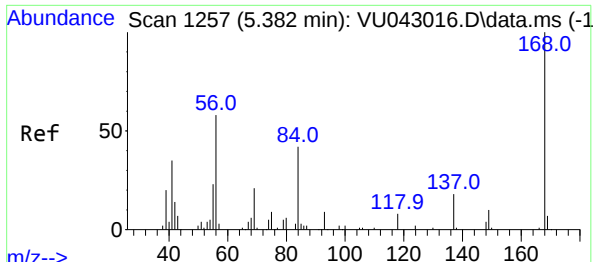
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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Response via : Initial Calibration

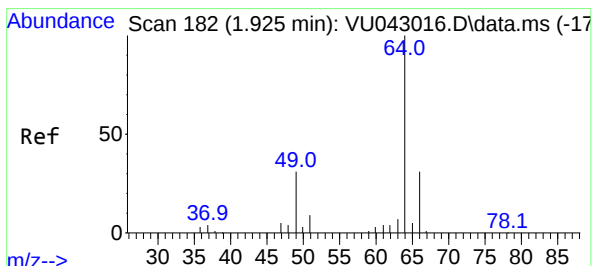
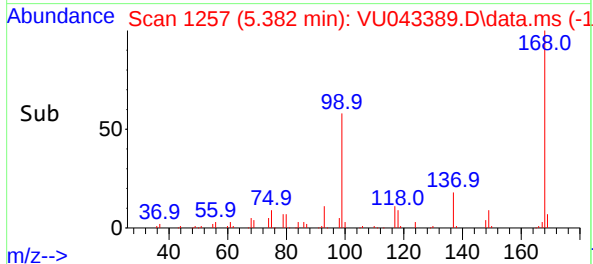
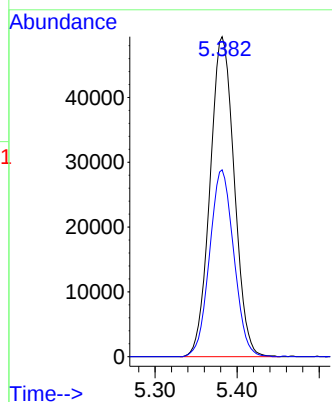
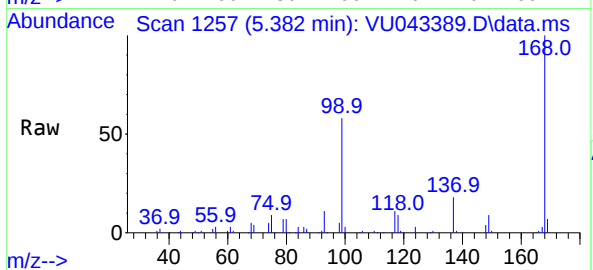




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043389.D  
Acq: 28 Apr 2021 16:27

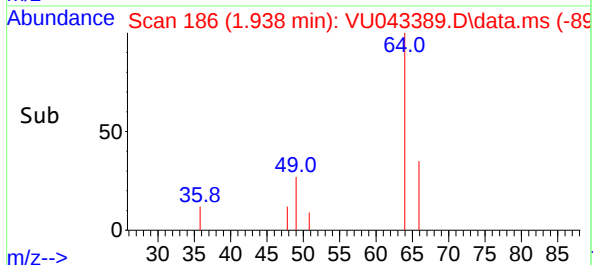
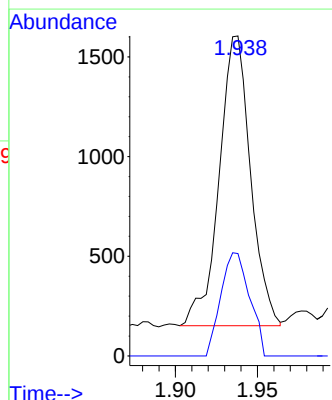
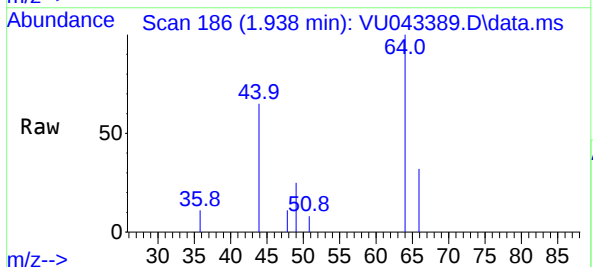
Instrument :  
MSVOA\_U  
ClientSampleId :  
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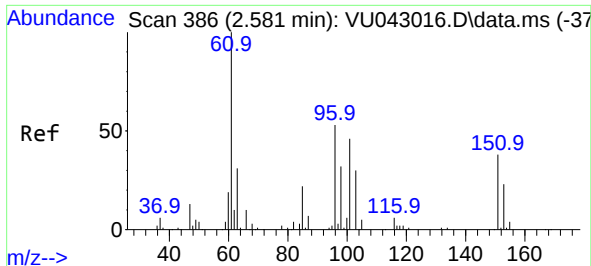
Tgt Ion:168 Resp: 101485  
Ion Ratio Lower Upper  
168 100  
99 58.4 45.0 67.4



#6  
Chloroethane  
Concen: 2.42 ug/l  
RT: 1.938 min Scan# 186  
Delta R.T. 0.013 min  
Lab File: VU043389.D  
Acq: 28 Apr 2021 16:27

Tgt Ion: 64 Resp: 1937  
Ion Ratio Lower Upper  
64 100  
66 35.4 26.4 39.6

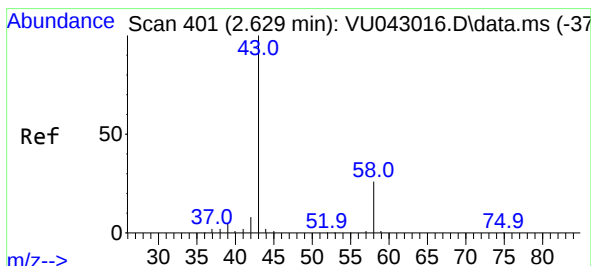
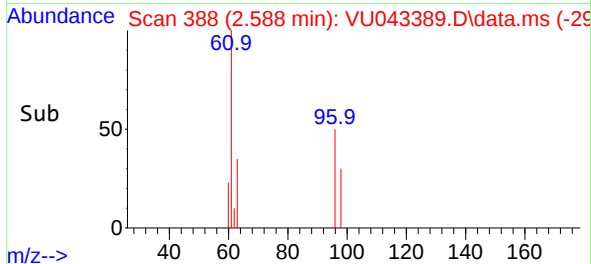
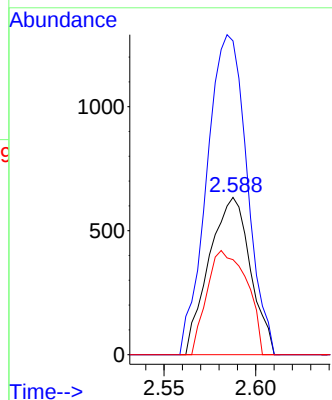
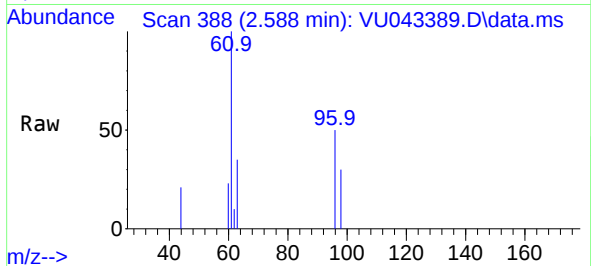




#12  
1,1-Dichloroethene  
Concen: 1.05 ug/l  
RT: 2.588 min Scan# 388  
Delta R.T. 0.007 min  
Lab File: VU043389.D  
Acq: 28 Apr 2021 16:27

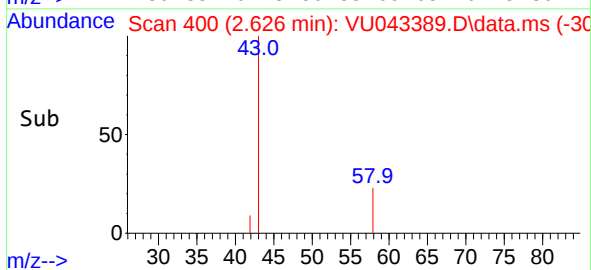
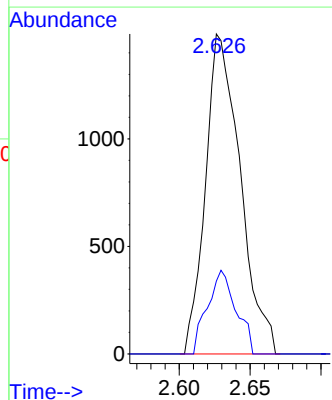
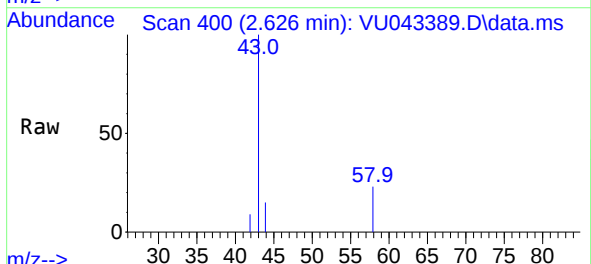
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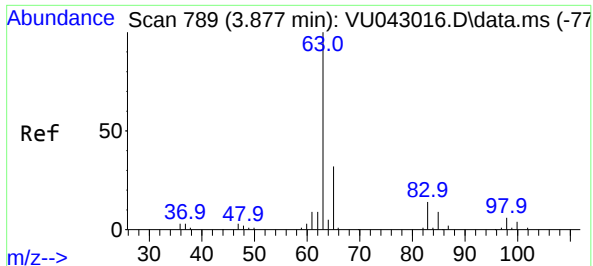
Tgt Ion: 96 Resp: 993  
Ion Ratio Lower Upper  
96 100  
61 199.5 147.4 221.0  
98 60.4 51.4 77.2



#16  
Acetone  
Concen: 2.22 ug/l  
RT: 2.626 min Scan# 400  
Delta R.T. -0.003 min  
Lab File: VU043389.D  
Acq: 28 Apr 2021 16:27

Tgt Ion: 43 Resp: 2535  
Ion Ratio Lower Upper  
43 100  
58 22.7 21.5 32.3

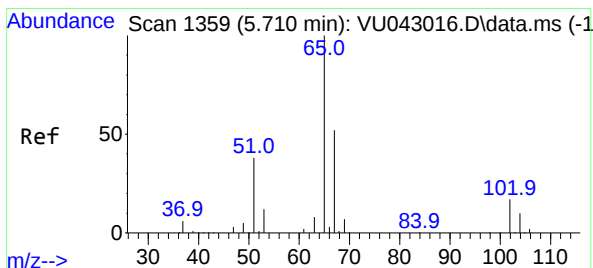
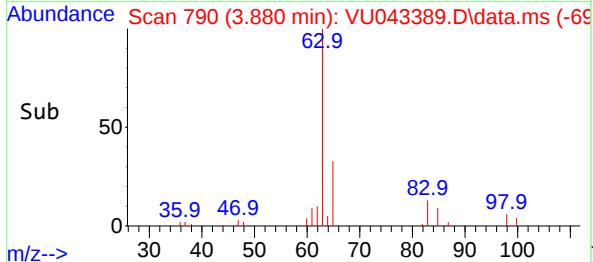
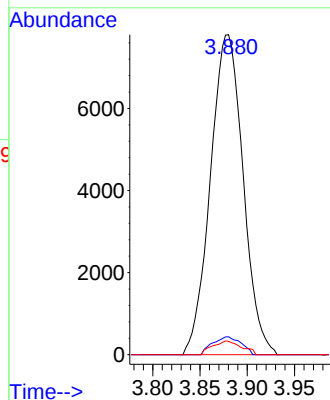
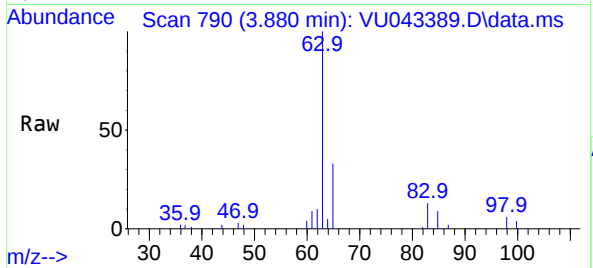




#24  
1,1-Dichloroethane  
Concen: 8.42 ug/l  
RT: 3.880 min Scan# 790  
Delta R.T. 0.003 min  
Lab File: VU043389.D  
Acq: 28 Apr 2021 16:27

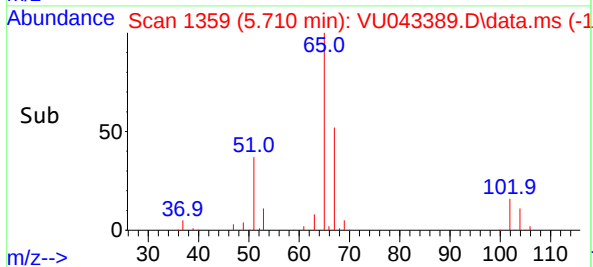
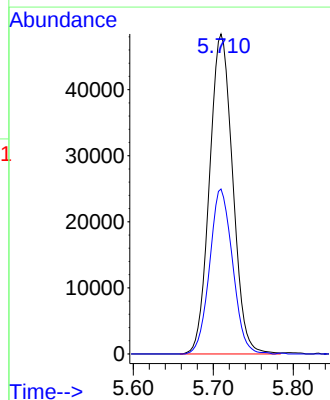
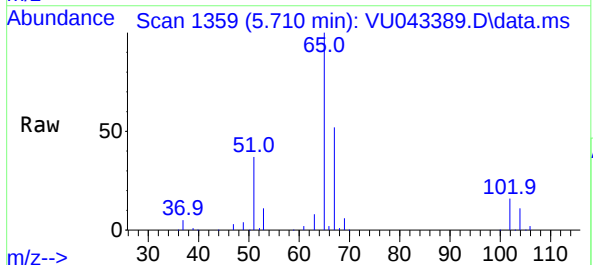
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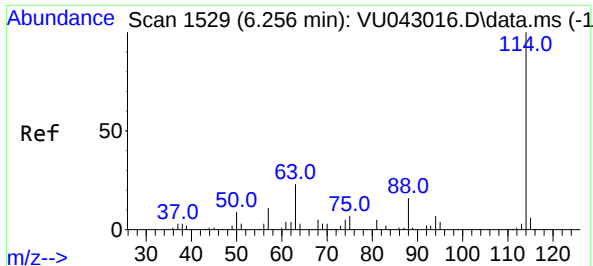
Tgt Ion: 63 Resp: 18769  
Ion Ratio Lower Upper  
63 100  
98 5.6 3.1 9.3  
100 4.2 2.1 6.2



#33  
1,2-Dichloroethane-d4  
Concen: 57.19 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU043389.D  
Acq: 28 Apr 2021 16:27

Tgt Ion: 65 Resp: 97574  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 99.8

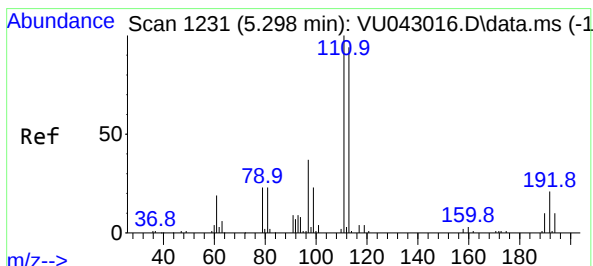
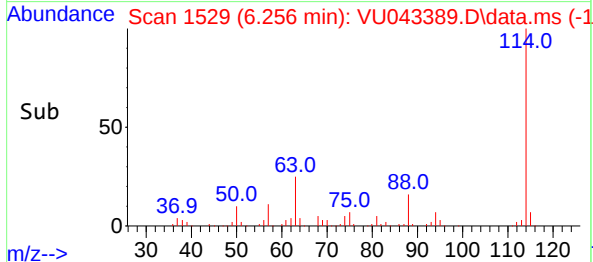
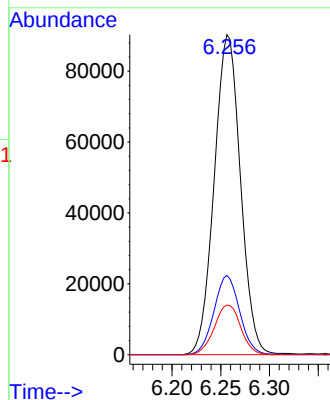
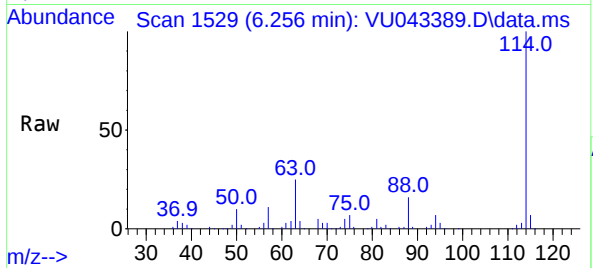




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: VU043389.D  
Acq: 28 Apr 2021 16:27

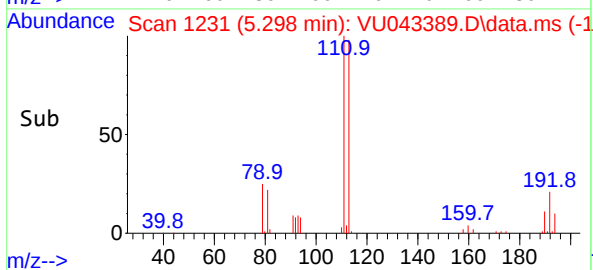
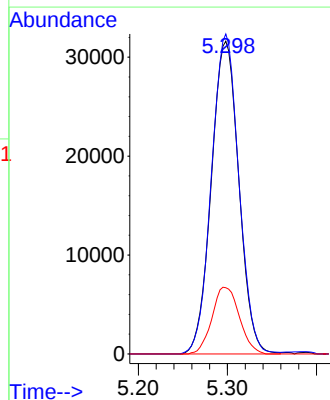
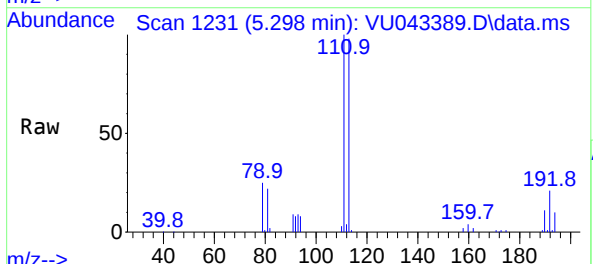
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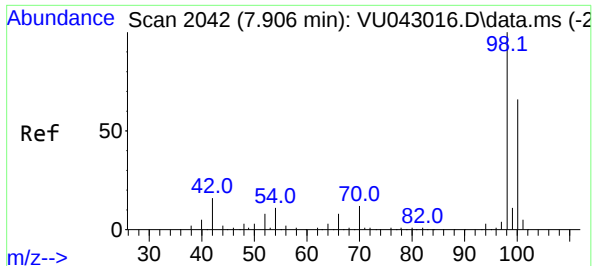
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 169094 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 24.7  | 0.0   | 44.2   |
| 88        | 15.5  | 0.0   | 33.4   |



#35  
Dibromofluoromethane  
Concen: 53.38 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: VU043389.D  
Acq: 28 Apr 2021 16:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 67825 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 101.5 | 81.8  | 122.8 |
| 192       | 21.2  | 17.2  | 25.8  |

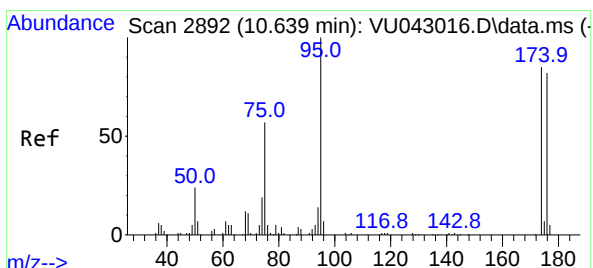
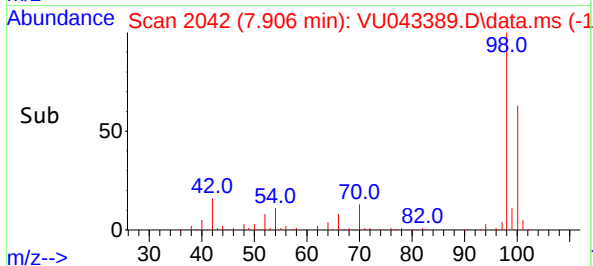
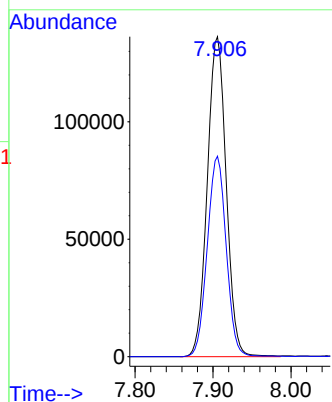
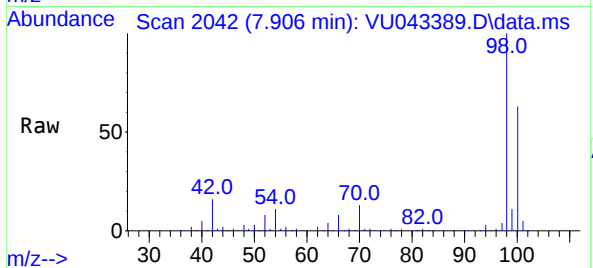




#50  
Toluene-d8  
Concen: 51.08 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU043389.D  
Acq: 28 Apr 2021 16:27

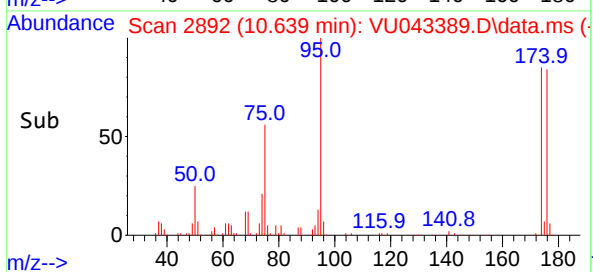
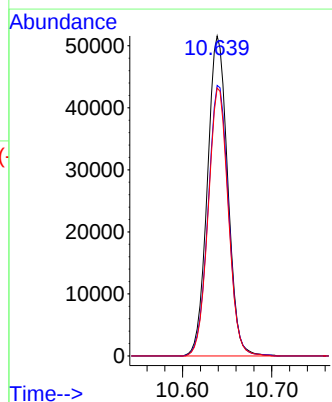
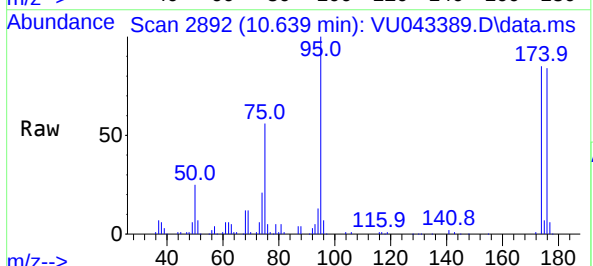
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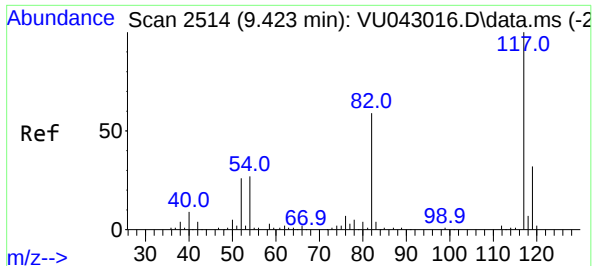
Tgt Ion: 98 Resp: 229678  
Ion Ratio Lower Upper  
98 100  
100 62.8 50.2 75.2



#62  
4-Bromofluorobenzene  
Concen: 45.23 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU043389.D  
Acq: 28 Apr 2021 16:27

Tgt Ion: 95 Resp: 81433  
Ion Ratio Lower Upper  
95 100  
174 85.0 0.0 172.2  
176 82.6 0.0 168.8

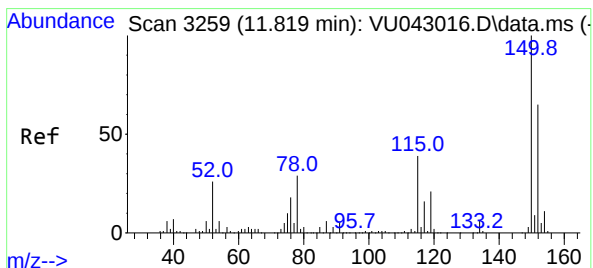
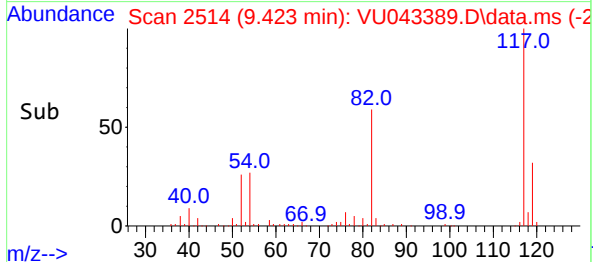
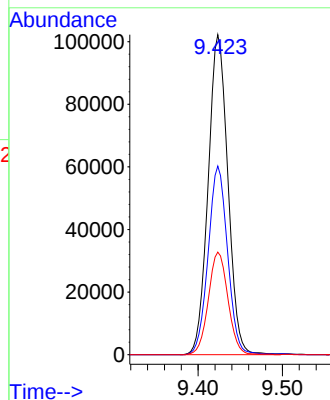
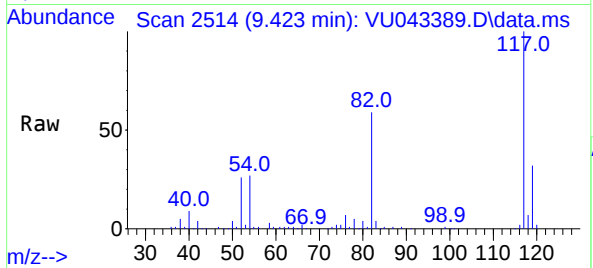




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU043389.D  
Acq: 28 Apr 2021 16:27

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Tgt Ion:117 Resp: 166624  
Ion Ratio Lower Upper  
117 100  
82 58.9 45.8 68.6  
119 32.1 25.8 38.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VU043389.D  
Acq: 28 Apr 2021 16:27

Tgt Ion:152 Resp: 77919  
Ion Ratio Lower Upper  
152 100  
115 57.8 41.5 124.6  
150 153.8 0.0 342.4

