

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU033121\  
 Data File : VU042854.D  
 Acq On : 31 Mar 2021 13:59  
 Operator : SY/MD  
 Sample : M1836-14 10X  
 Misc : 11.71g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 B6-10-12

Quant Time: Apr 01 04:41:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U032421W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 25 05:42:00 2021  
 Response via : Initial Calibration

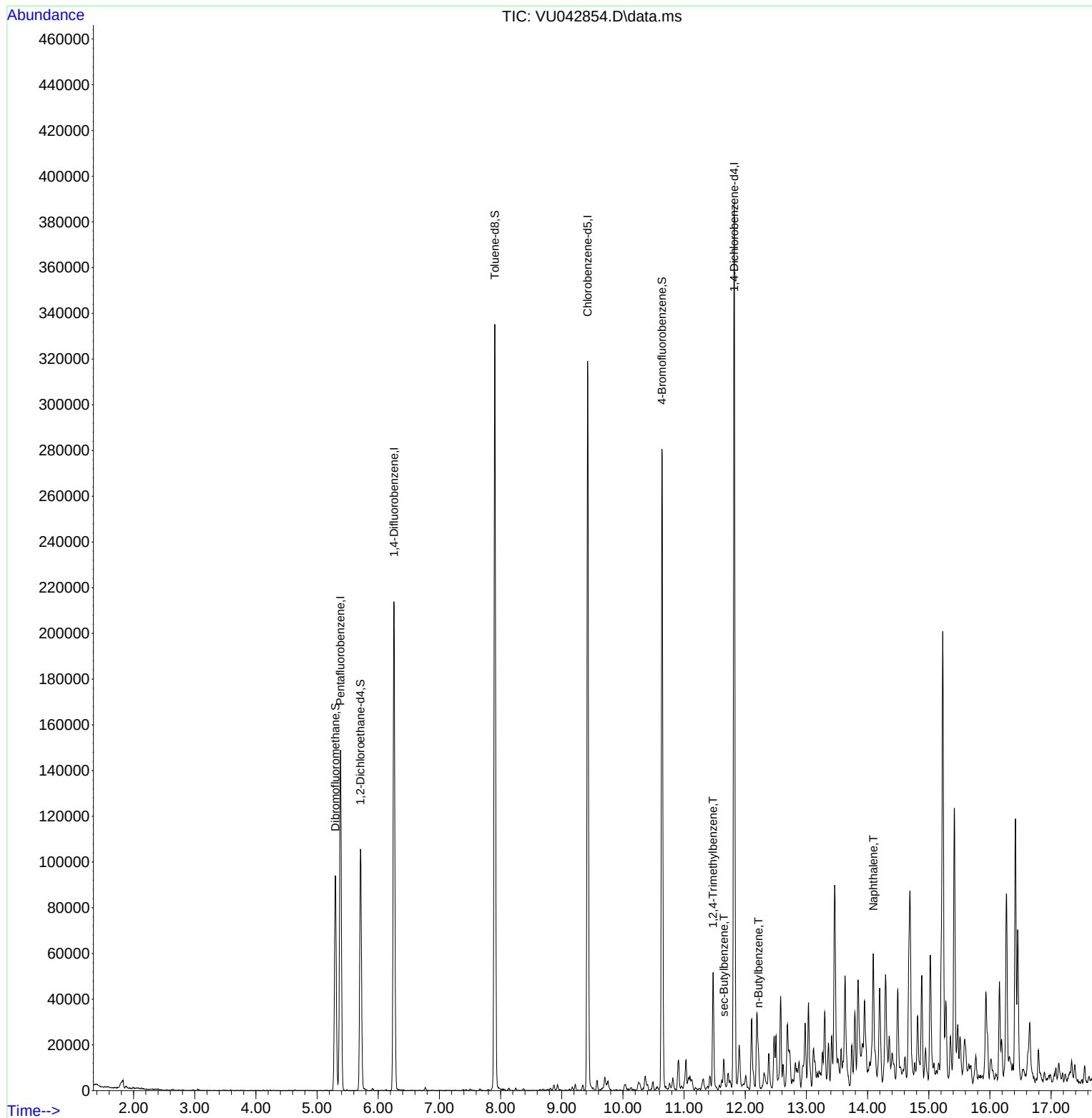
| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) Pentafluorobenzene       | 5.382  | 168  | 101858   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.256  | 114  | 162156   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 160052   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 92186    | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 82339    | 50.71 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 101.42% |          |
| 35) Dibromofluoromethane    | 5.298  | 113  | 56500    | 46.69 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 93.38%  |          |
| 50) Toluene-d8              | 7.906  | 98   | 203486   | 47.79 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 95.58%  |          |
| 62) 4-Bromofluorobenzene    | 10.639 | 95   | 81046    | 48.99 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 97.98%  |          |
| Target Compounds            |        |      |          |       |         |          |
| 84) 1,2,4-Trimethylbenzene  | 11.475 | 105  | 25623    | 5.01  | ug/l    | 99       |
| 85) sec-Butylbenzene        | 11.651 | 105  | 6884     | 1.20  | ug/l    | 100      |
| 89) n-Butylbenzene          | 12.217 | 91   | 8170     | 1.65  | ug/l #  | 71       |
| 95) Naphthalene             | 14.095 | 128  | 42785    | 9.07  | ug/l #  | 95       |
| -----                       |        |      |          |       |         |          |

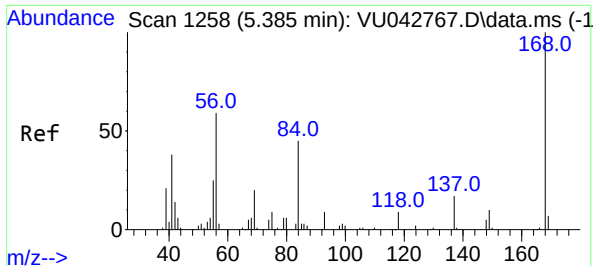
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 31 Mar 2021 13:59  
Operator : SY/MD  
Sample : M1836-14 10X  
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
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Quant Time: Apr 01 04:41:12 2021  
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Quant Title : SW846 8260  
QLast Update : Thu Mar 25 05:42:00 2021  
Response via : Initial Calibration

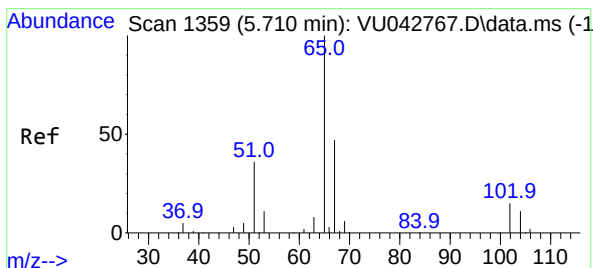
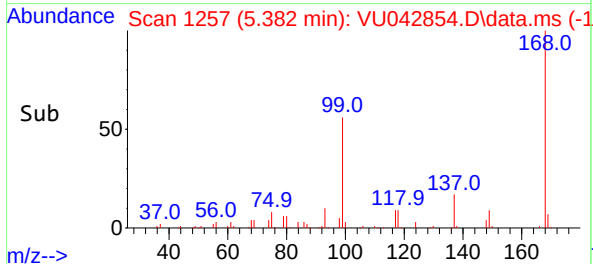
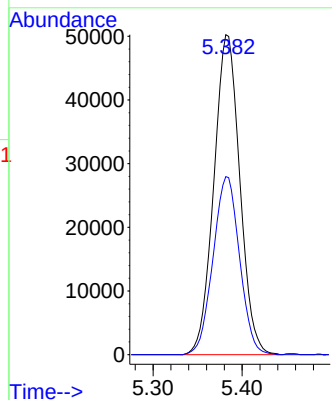
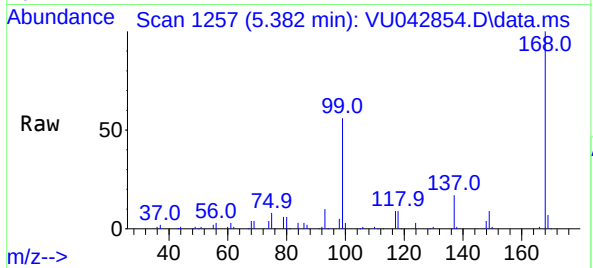




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.003 min  
Lab File: VU042854.D  
Acq: 31 Mar 2021 13:59

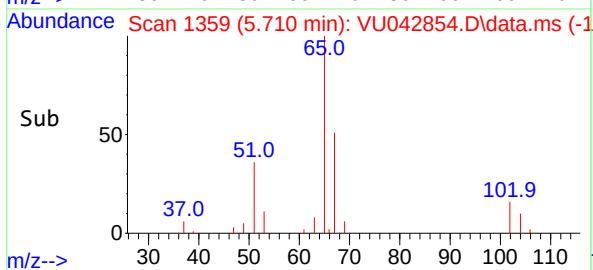
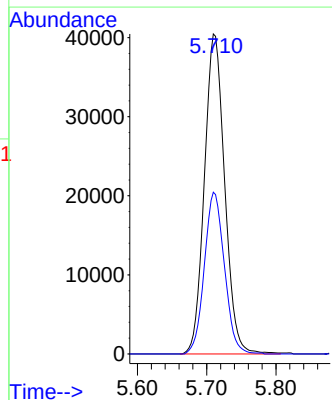
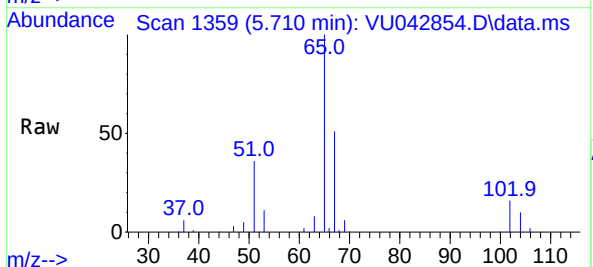
Instrument :  
MSVOA\_U  
ClientSampled :  
B6-10-12

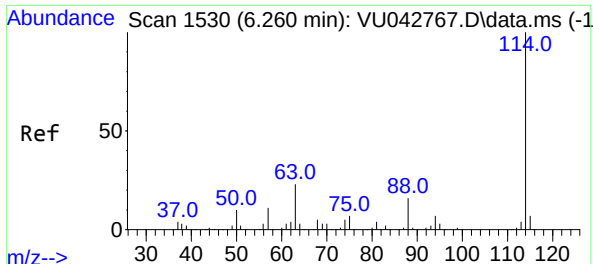
Tgt Ion:168 Resp: 101858  
Ion Ratio Lower Upper  
168 100  
99 55.6 46.4 69.6



#33  
1,2-Dichloroethane-d4  
Concen: 50.71 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU042854.D  
Acq: 31 Mar 2021 13:59

Tgt Ion: 65 Resp: 82339  
Ion Ratio Lower Upper  
65 100  
67 49.9 0.0 98.8

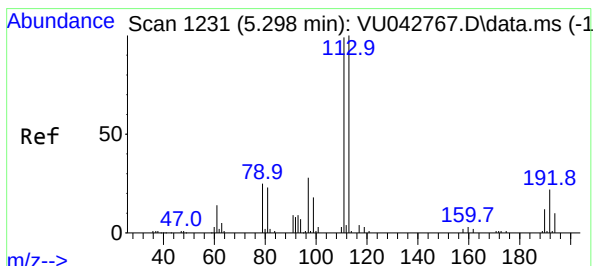
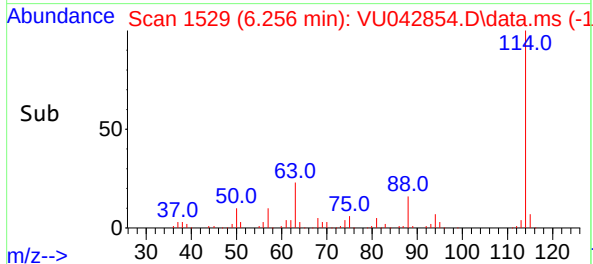
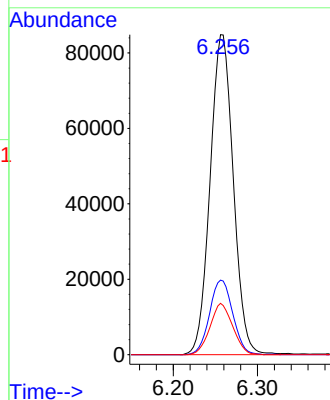
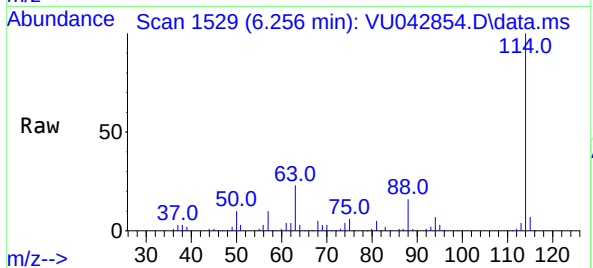




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. -0.004 min  
Lab File: VU042854.D  
Acq: 31 Mar 2021 13:59

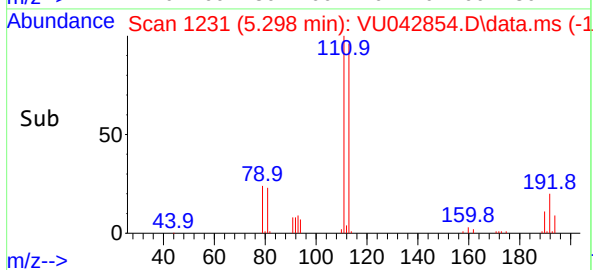
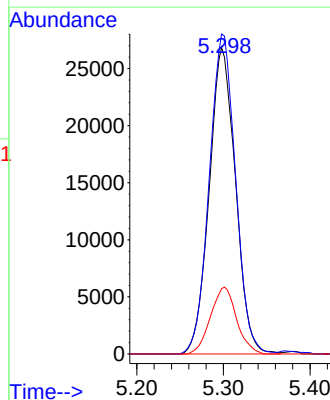
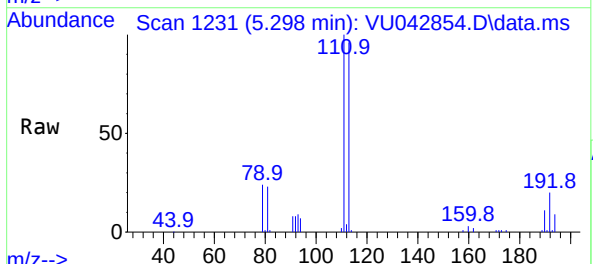
Instrument :  
MSVOA\_U  
ClientSampleId :  
B6-10-12

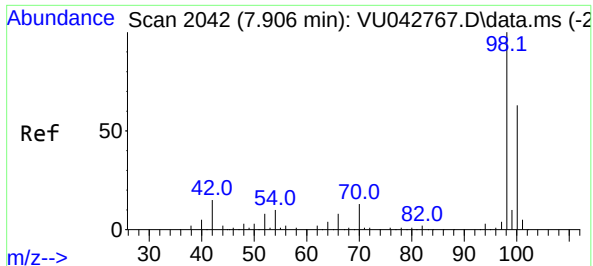
Tgt Ion:114 Resp: 162156  
Ion Ratio Lower Upper  
114 100  
63 23.3 0.0 46.8  
88 16.0 0.0 32.2



#35  
Dibromofluoromethane  
Concen: 46.69 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. -0.000 min  
Lab File: VU042854.D  
Acq: 31 Mar 2021 13:59

Tgt Ion:113 Resp: 56500  
Ion Ratio Lower Upper  
113 100  
111 104.5 82.1 123.1  
192 21.6 17.6 26.4

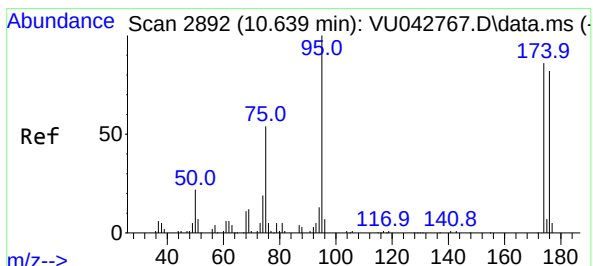
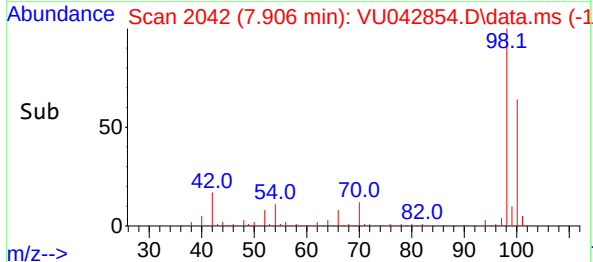
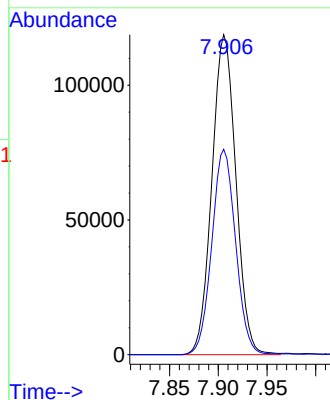
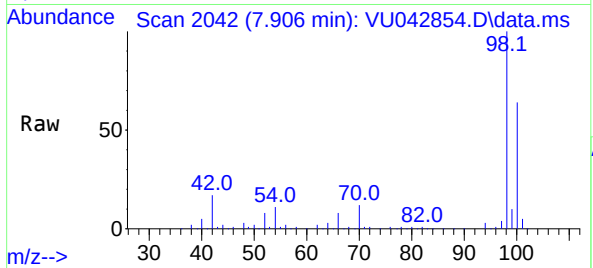




#50  
Toluene-d8  
Concen: 47.79 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU042854.D  
Acq: 31 Mar 2021 13:59

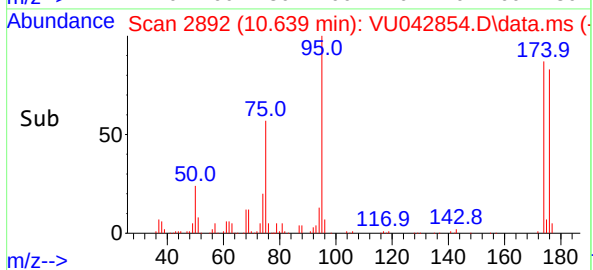
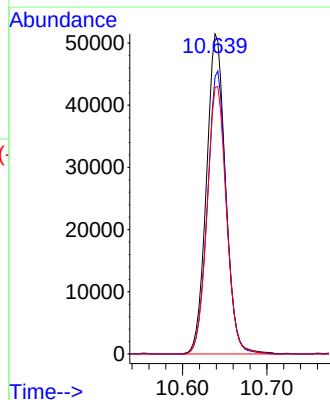
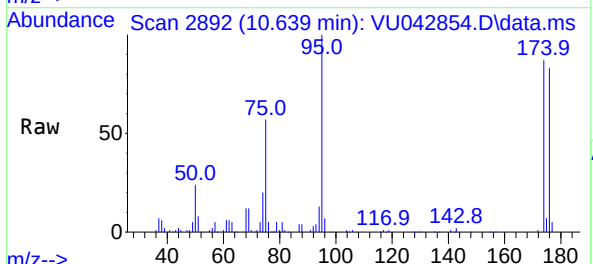
Instrument :  
MSVOA\_U  
ClientSampleId :  
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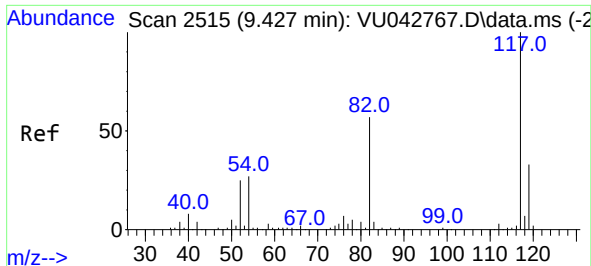
Tgt Ion: 98 Resp: 203486  
Ion Ratio Lower Upper  
98 100  
100 63.8 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 48.99 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU042854.D  
Acq: 31 Mar 2021 13:59

Tgt Ion: 95 Resp: 81046  
Ion Ratio Lower Upper  
95 100  
174 87.6 0.0 175.2  
176 84.8 0.0 167.4

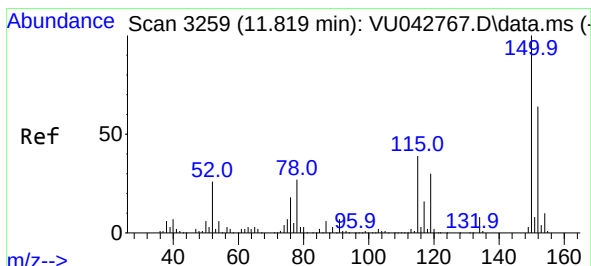
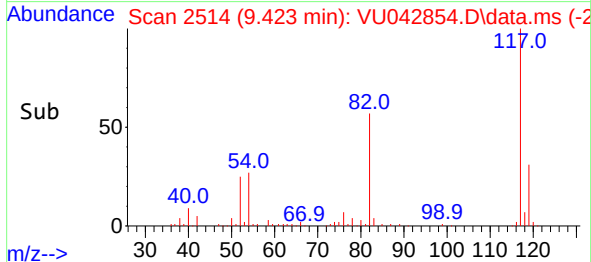
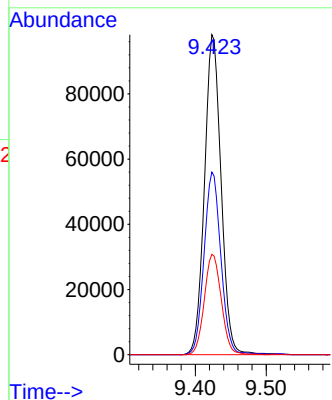
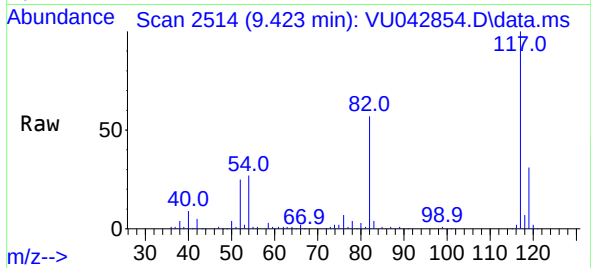




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. -0.004 min  
Lab File: VU042854.D  
Acq: 31 Mar 2021 13:59

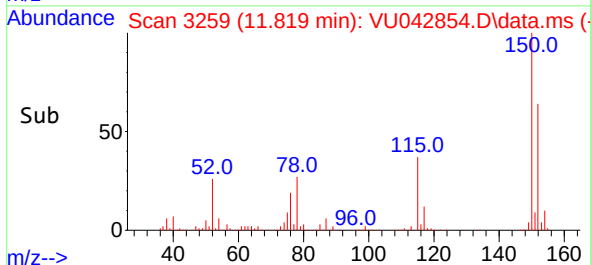
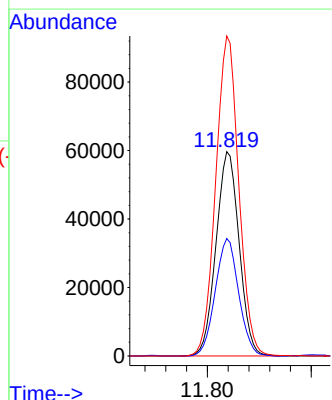
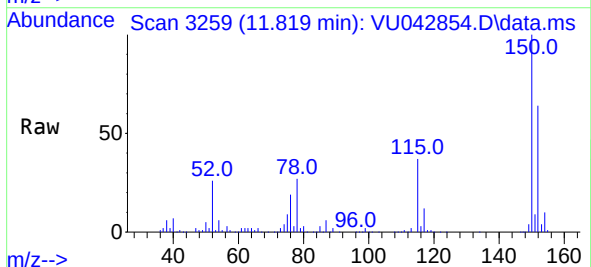
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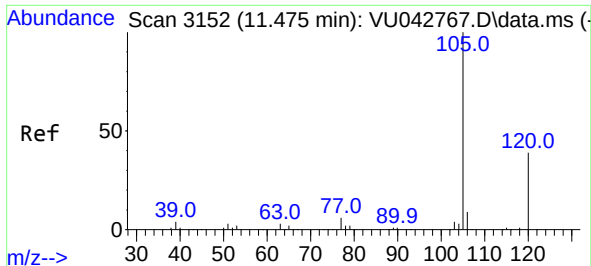
Tgt Ion:117 Resp: 160052  
Ion Ratio Lower Upper  
117 100  
82 57.1 45.5 68.3  
119 31.4 26.2 39.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VU042854.D  
Acq: 31 Mar 2021 13:59

Tgt Ion:152 Resp: 92186  
Ion Ratio Lower Upper  
152 100  
115 58.2 41.0 123.0  
150 156.1 0.0 341.0

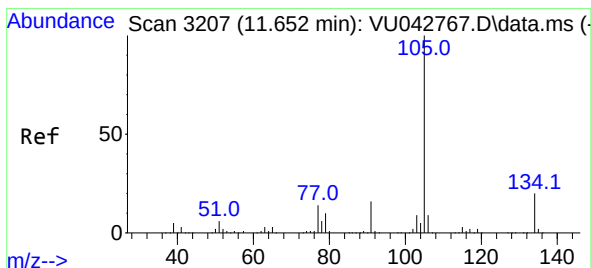
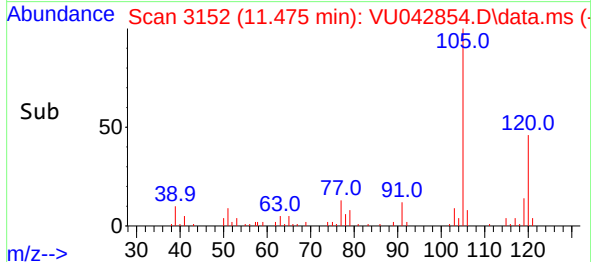
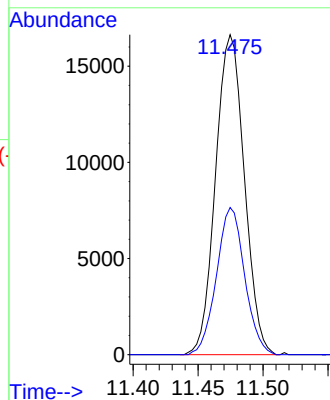
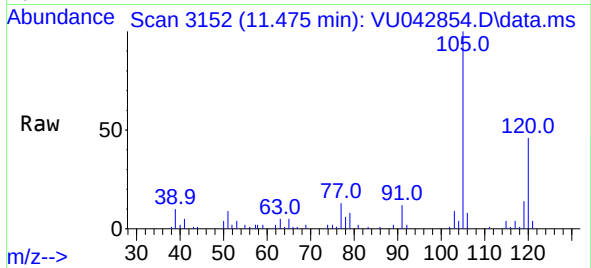




#84  
1,2,4-Trimethylbenzene  
Concen: 5.01 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU042854.D  
Acq: 31 Mar 2021 13:59

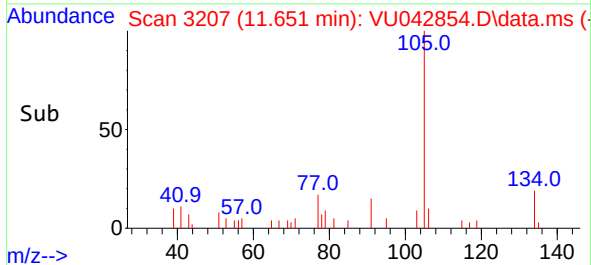
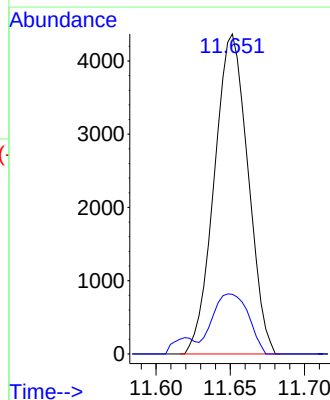
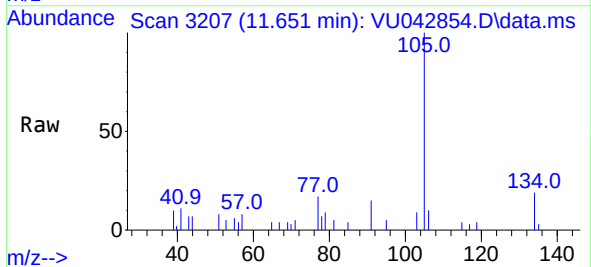
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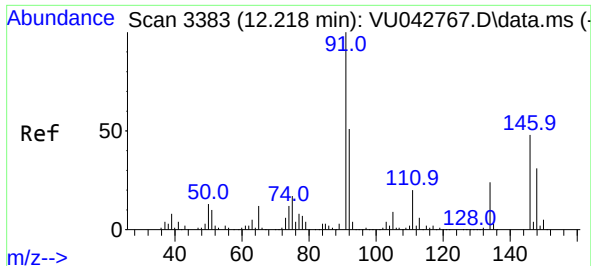
Tgt Ion:105 Resp: 25623  
Ion Ratio Lower Upper  
105 100  
120 45.1 22.3 66.8



#85  
sec-Butylbenzene  
Concen: 1.20 ug/l  
RT: 11.651 min Scan# 3207  
Delta R.T. -0.000 min  
Lab File: VU042854.D  
Acq: 31 Mar 2021 13:59

Tgt Ion:105 Resp: 6884  
Ion Ratio Lower Upper  
105 100  
134 19.9 9.8 29.5





#89

n-Butylbenzene

Concen: 1.65 ug/l

RT: 12.217 min Scan# 3383

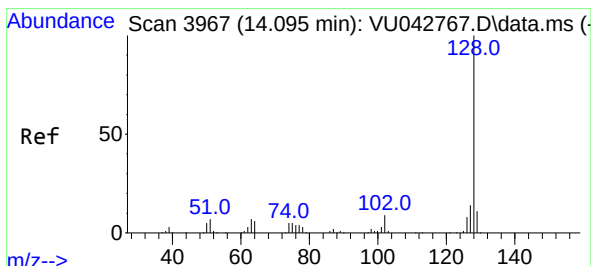
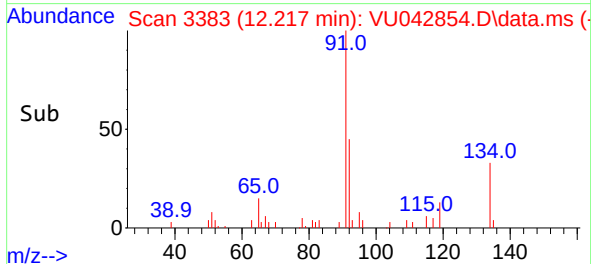
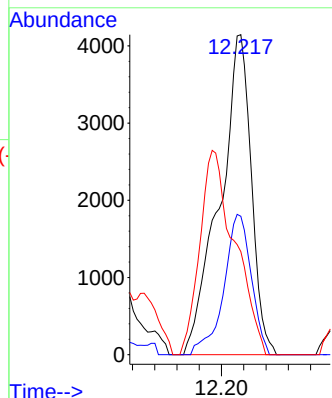
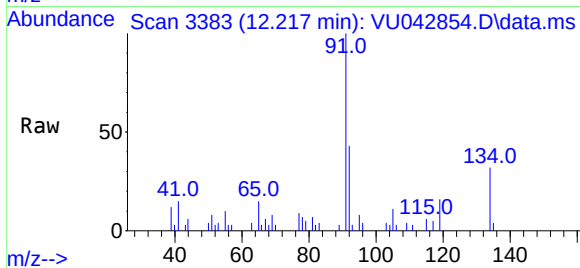
Delta R.T. -0.000 min

Lab File: VU042854.D

Acq: 31 Mar 2021 13:59

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 91 | Resp: | 8170        |
| Ion         | Ratio | Lower Upper |
| 91          | 100   |             |
| 92          | 37.9  | 25.7 77.1   |
| 134         | 0.0   | 12.1 36.3#  |

Instrument :  
MSVOA\_U  
ClientSampled :  
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#95

Naphthalene

Concen: 9.07 ug/l

RT: 14.095 min Scan# 3967

Delta R.T. 0.000 min

Lab File: VU042854.D

Acq: 31 Mar 2021 13:59

|              |       |             |
|--------------|-------|-------------|
| Tgt Ion: 128 | Resp: | 42785       |
| Ion          | Ratio | Lower Upper |
| 128          | 100   |             |
| 127          | 14.9  | 10.9 16.3   |
| 129          | 13.7  | 8.7 13.1#   |

