

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050721\  
 Data File : VU043612.D  
 Acq On : 07 May 2021 15:07  
 Operator : SY/MD  
 Sample : M2304-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 OWL-C2-GW

Quant Time: May 08 01:09:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U050621W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 06 07:26:23 2021  
 Response via : Initial Calibration

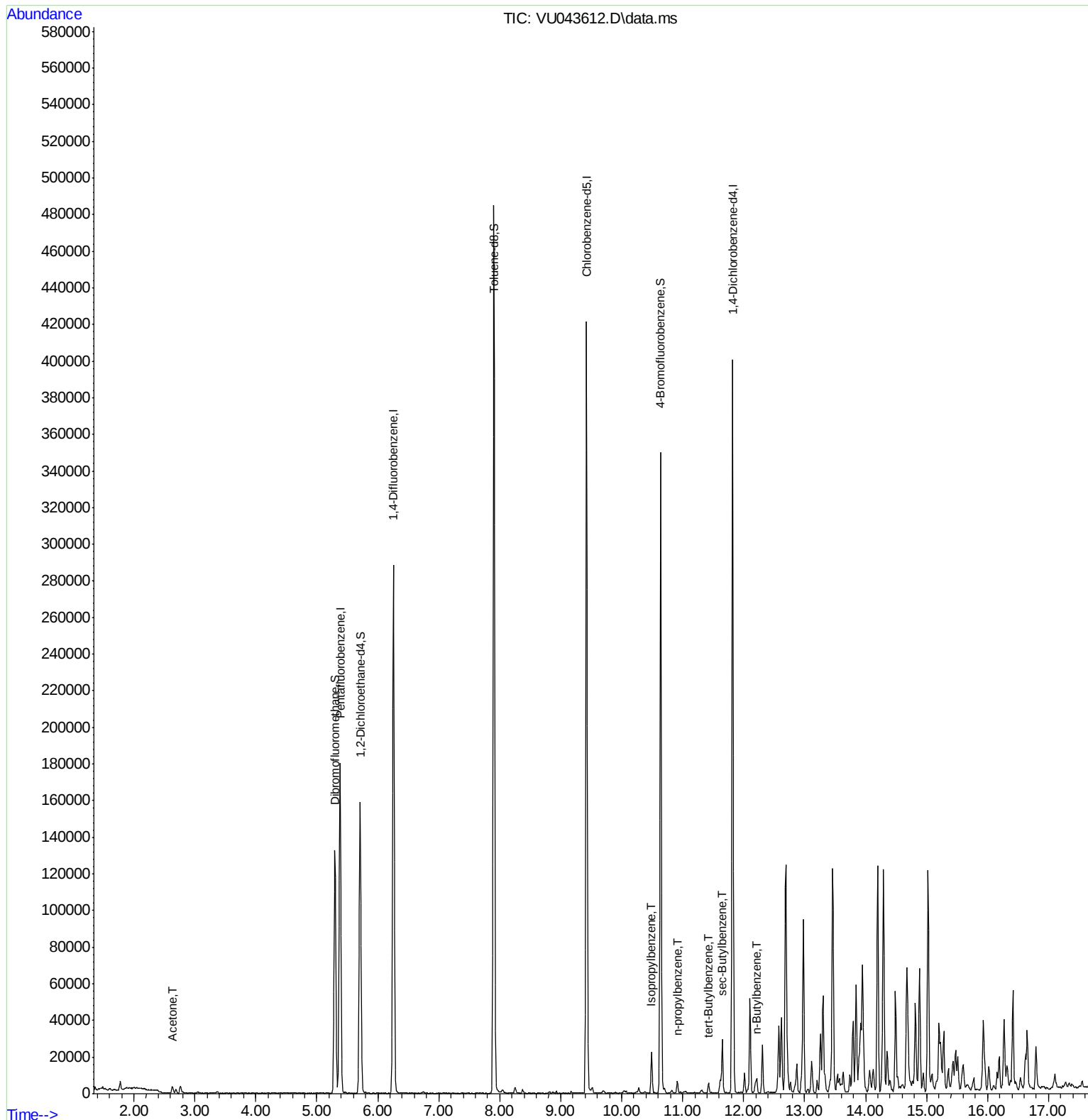
| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) Pentafluorobenzene       | 5.382  | 168  | 115936   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.256  | 114  | 209504   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 203426   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 93315    | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 121982   | 51.98 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 103.96% |          |
| 35) Dibromofluoromethane    | 5.298  | 113  | 82394    | 49.31 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 98.62%  |          |
| 50) Toluene-d8              | 7.906  | 98   | 291917   | 49.28 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 98.56%  |          |
| 62) 4-Bromofluorobenzene    | 10.639 | 95   | 104751   | 46.48 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 92.96%  |          |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       |         | Qvalue   |
| 16) Acetone                 | 2.629  | 43   | 4622     | 3.55  | ug/l    | 92       |
| 73) Isopropylbenzene        | 10.491 | 105  | 12995    | 1.94  | ug/l    | 99       |
| 78) n-propylbenzene         | 10.912 | 91   | 5340     | 0.65  | ug/l    | 97       |
| 83) tert-Butylbenzene       | 11.427 | 119  | 2591     | 0.47  | ug/l    | 86       |
| 85) sec-Butylbenzene        | 11.652 | 105  | 17553    | 3.59  | ug/l    | 99       |
| 89) n-Butylbenzene          | 12.214 | 91   | 3923     | 3.11  | ug/l    | 96       |
| -----                       |        |      |          |       |         |          |

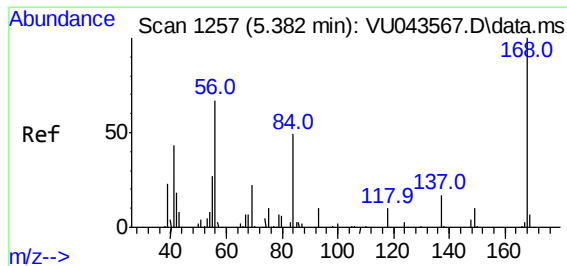
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OWL-C2-GW

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U050621W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 06 07:26:23 2021  
Response via : Initial Calibration

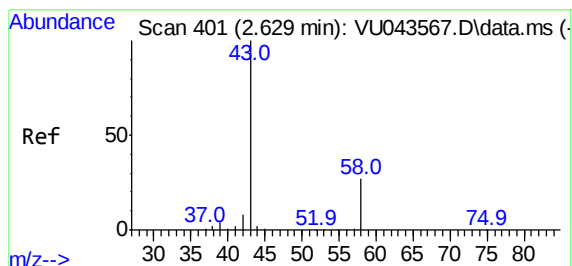
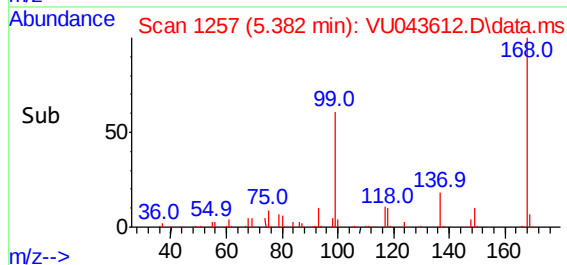
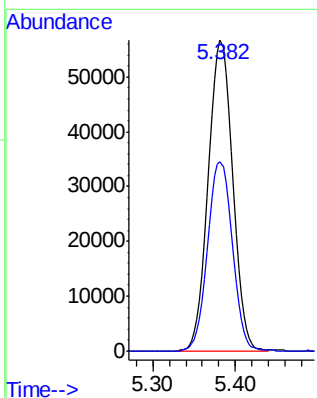
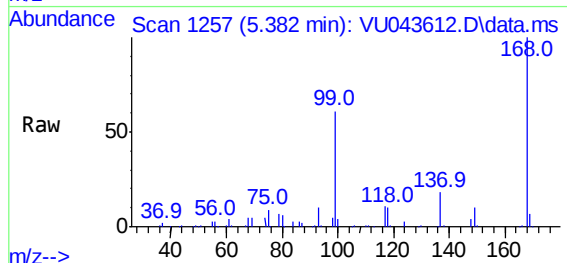




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043612.D  
Acq: 07 May 2021 15:07

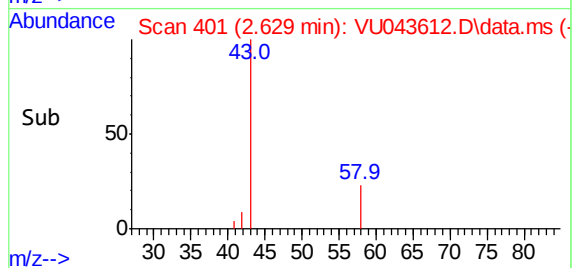
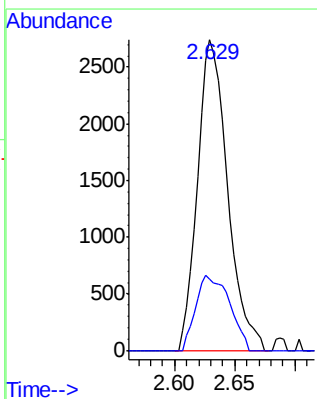
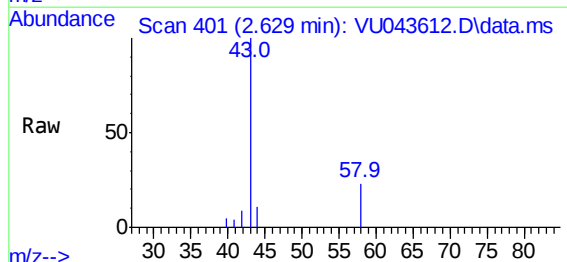
Instrument :  
MSVOA\_U  
ClientSampleId :  
OWL-C2-GW

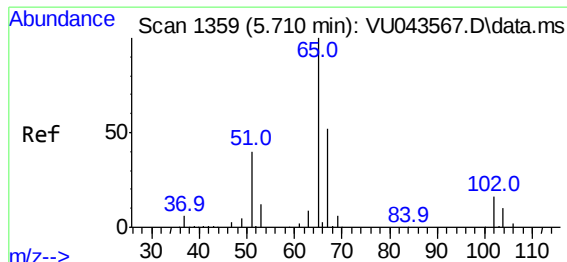
Tgt Ion:168 Resp: 115936  
Ion Ratio Lower Upper  
168 100  
99 61.0 49.0 73.6



#16  
Acetone  
Concen: 3.55 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. 0.000 min  
Lab File: VU043612.D  
Acq: 07 May 2021 15:07

Tgt Ion: 43 Resp: 4622  
Ion Ratio Lower Upper  
43 100  
58 23.1 21.7 32.5

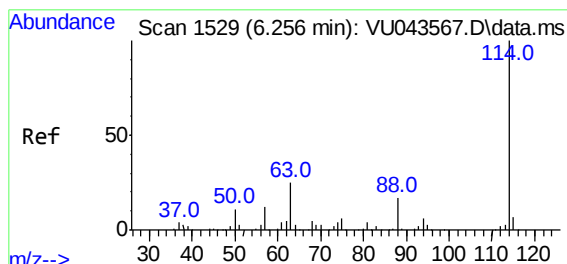
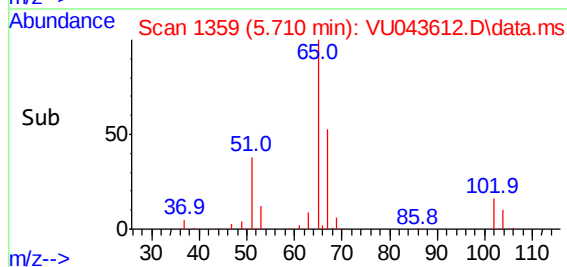
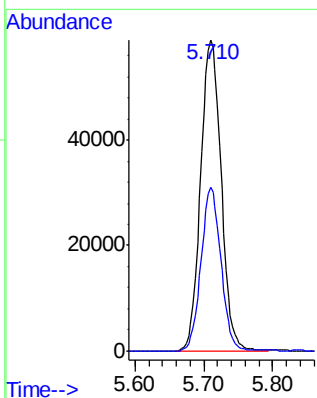
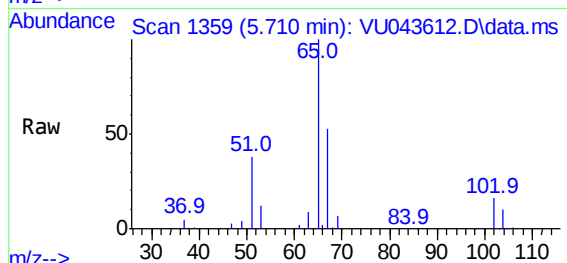




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.98 ug/l  
 RT: 5.710 min Scan# 1359  
 Delta R.T. 0.000 min  
 Lab File: VU043612.D  
 Acq: 07 May 2021 15:07

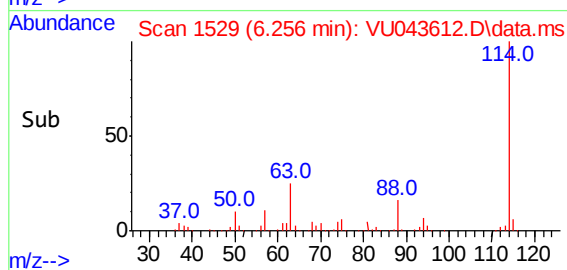
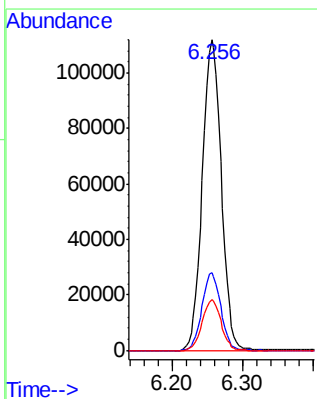
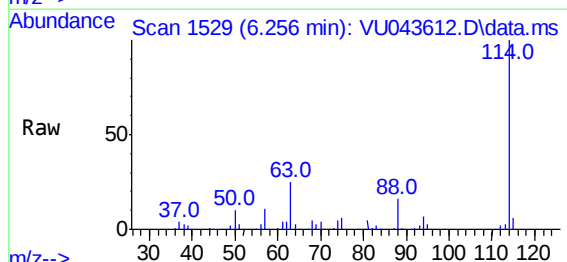
Instrument :  
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 ClientSampleId :  
 OWL-C2-GW

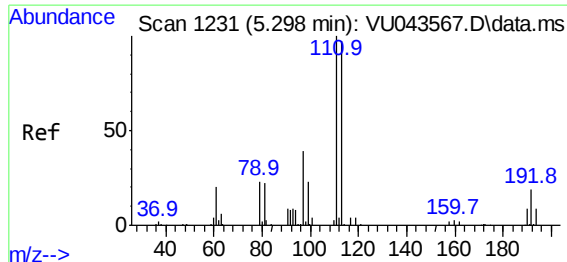
Tgt Ion: 65 Resp: 121982  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 104.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.256 min Scan# 1529  
 Delta R.T. 0.000 min  
 Lab File: VU043612.D  
 Acq: 07 May 2021 15:07

Tgt Ion:114 Resp: 209504  
 Ion Ratio Lower Upper  
 114 100  
 63 25.1 0.0 50.2  
 88 16.4 0.0 33.8

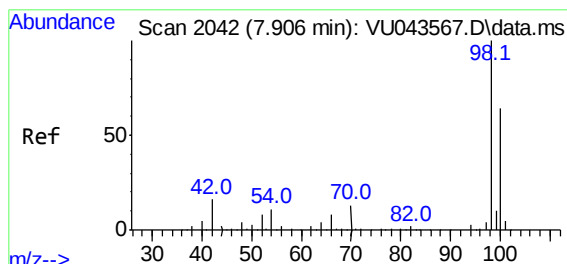
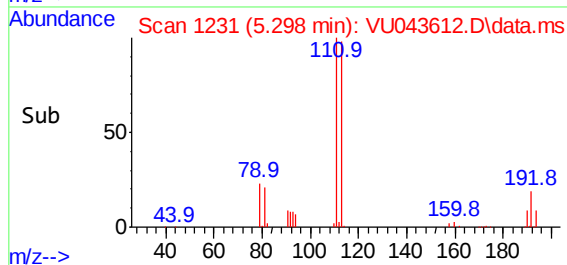
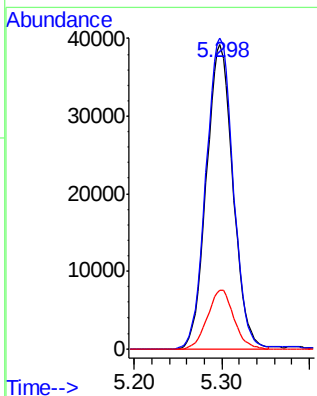
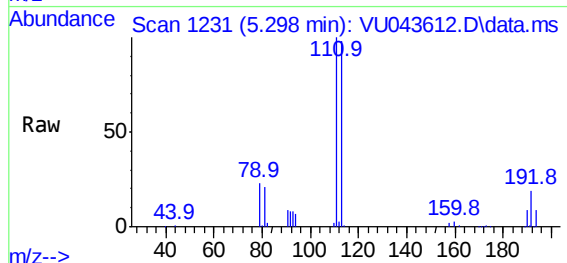




#35  
Dibromofluoromethane  
Concen: 49.31 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: VU043612.D  
Acq: 07 May 2021 15:07

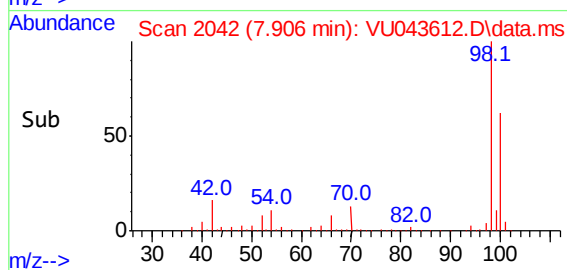
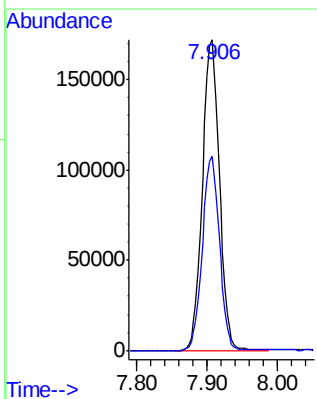
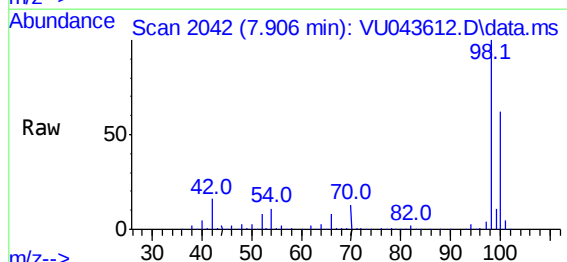
Instrument :  
MSVOA\_U  
ClientSampleId :  
OWL-C2-GW

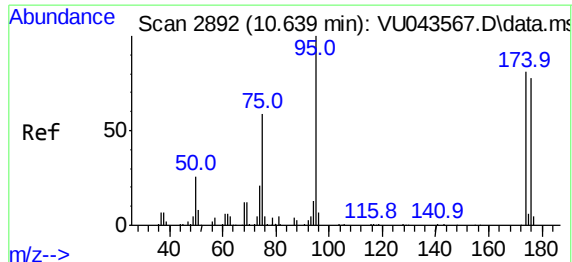
Tgt Ion:113 Resp: 82394  
Ion Ratio Lower Upper  
113 100  
111 104.2 82.3 123.5  
192 19.0 15.8 23.6



#50  
Toluene-d8  
Concen: 49.28 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: VU043612.D  
Acq: 07 May 2021 15:07

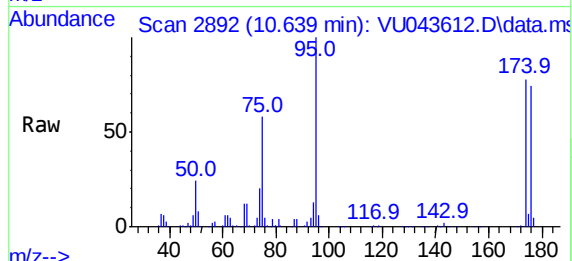
Tgt Ion: 98 Resp: 291917  
Ion Ratio Lower Upper  
98 100  
100 62.3 50.5 75.7



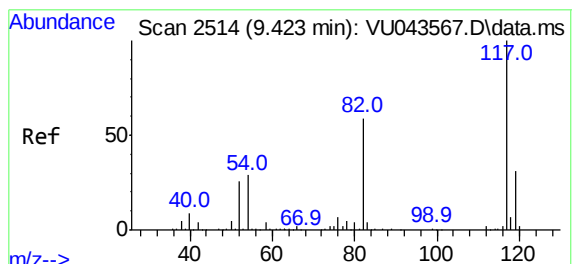
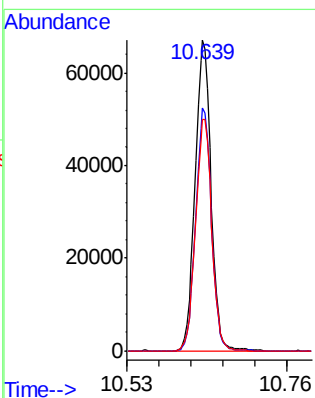
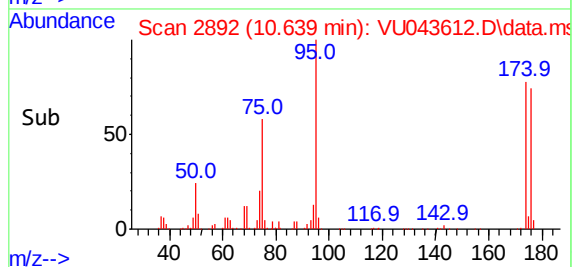


#62  
4-Bromofluorobenzene  
Concen: 46.48 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU043612.D  
Acq: 07 May 2021 15:07

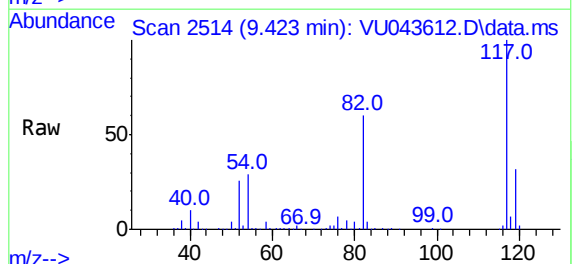
Instrument :  
MSVOA\_U  
ClientSampleId :  
OWL-C2-GW



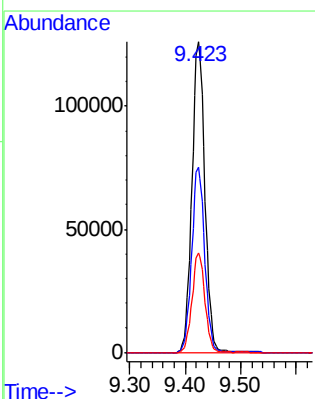
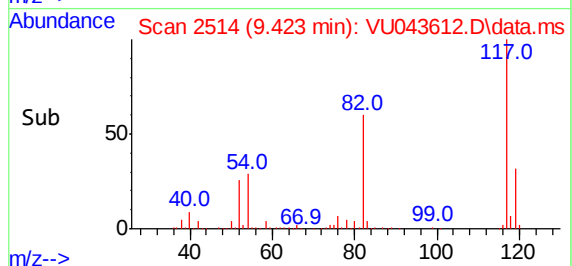
Tgt Ion: 95 Resp: 104751  
Ion Ratio Lower Upper  
95 100  
174 77.9 0.0 158.8  
176 76.0 0.0 155.6

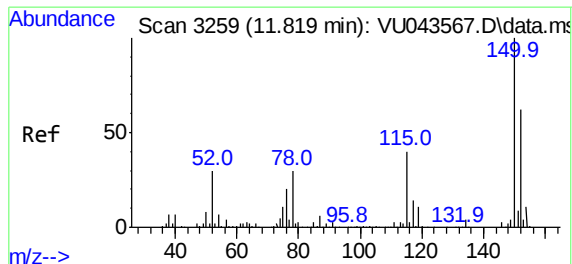


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU043612.D  
Acq: 07 May 2021 15:07



Tgt Ion: 117 Resp: 203426  
Ion Ratio Lower Upper  
117 100  
82 59.7 47.5 71.3  
119 32.1 24.7 37.1

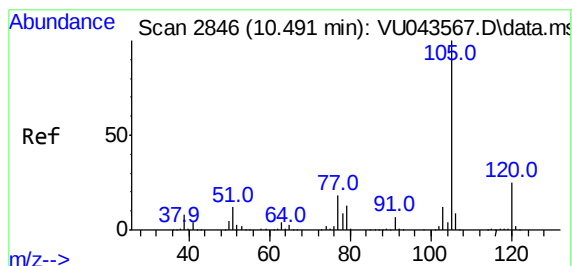
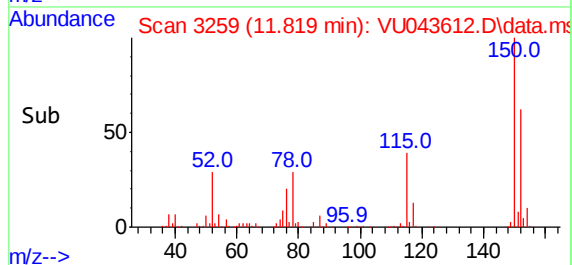
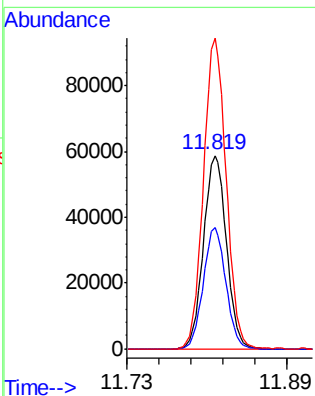
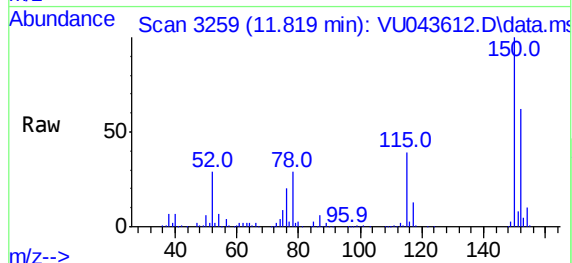




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.000 min  
Lab File: VU043612.D  
Acq: 07 May 2021 15:07

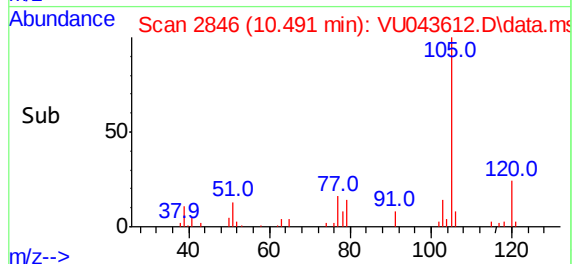
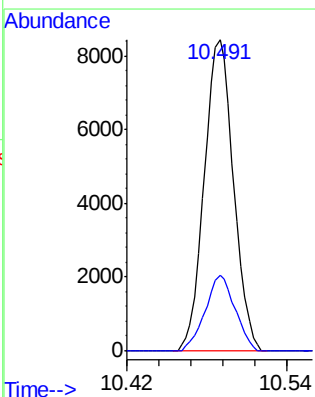
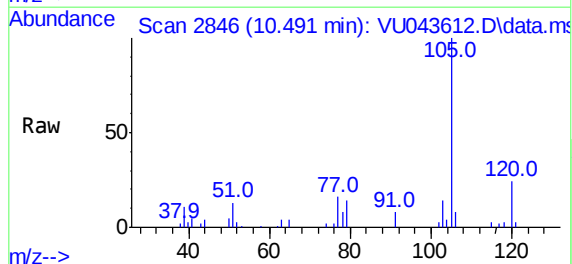
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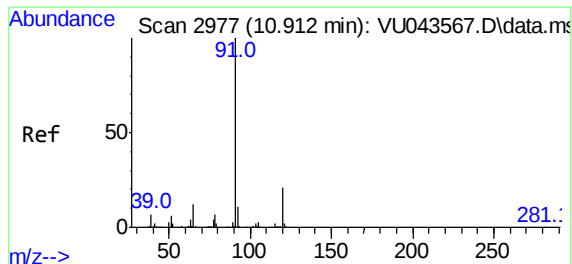
Tgt Ion:152 Resp: 93315  
Ion Ratio Lower Upper  
152 100  
115 61.9 46.1 138.3  
150 159.8 0.0 361.0



#73  
Isopropylbenzene  
Concen: 1.94 ug/l  
RT: 10.491 min Scan# 2846  
Delta R.T. 0.000 min  
Lab File: VU043612.D  
Acq: 07 May 2021 15:07

Tgt Ion:105 Resp: 12995  
Ion Ratio Lower Upper  
105 100  
120 24.6 12.6 37.6

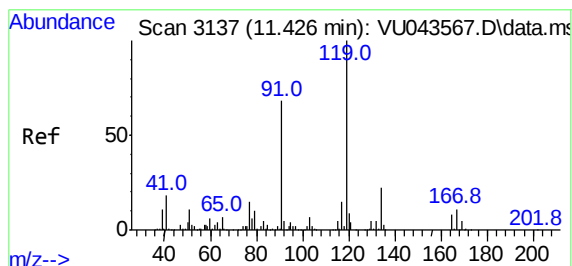
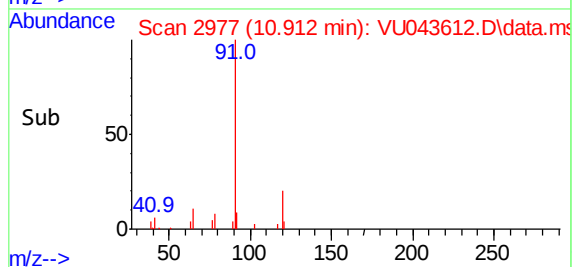
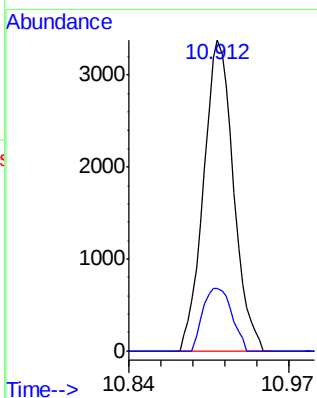
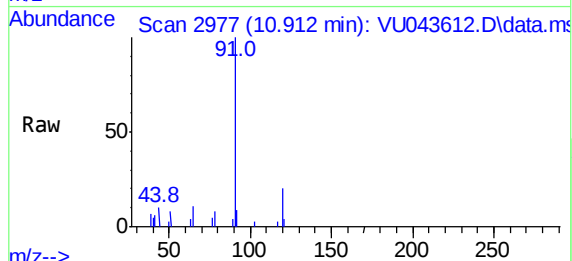




#78  
n-propylbenzene  
Concen: 0.65 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. 0.000 min  
Lab File: VU043612.D  
Acq: 07 May 2021 15:07

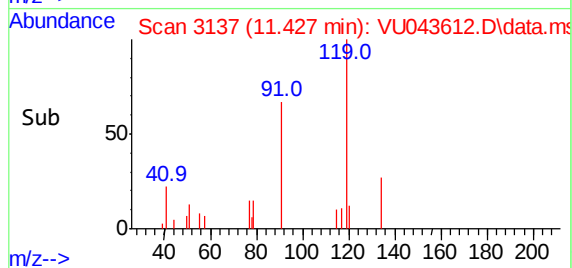
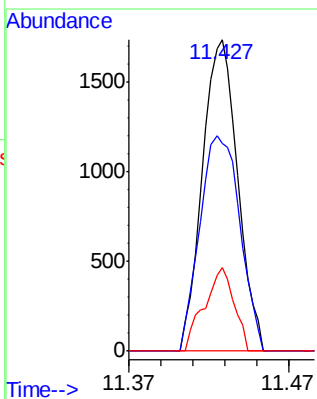
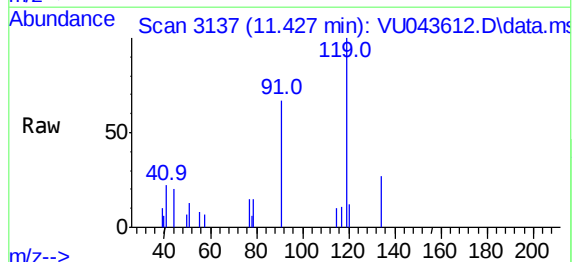
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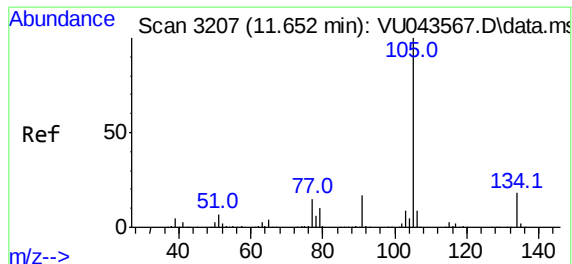
Tgt Ion: 91 Resp: 5340  
Ion Ratio Lower Upper  
91 100  
120 19.5 10.4 31.2



#83  
tert-Butylbenzene  
Concen: 0.47 ug/l  
RT: 11.427 min Scan# 3137  
Delta R.T. 0.000 min  
Lab File: VU043612.D  
Acq: 07 May 2021 15:07

Tgt Ion: 119 Resp: 2591  
Ion Ratio Lower Upper  
119 100  
91 78.7 32.0 96.0  
134 22.5 10.9 32.9

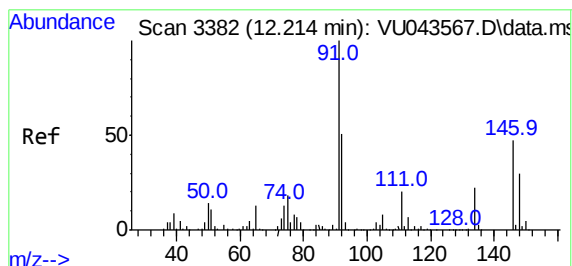
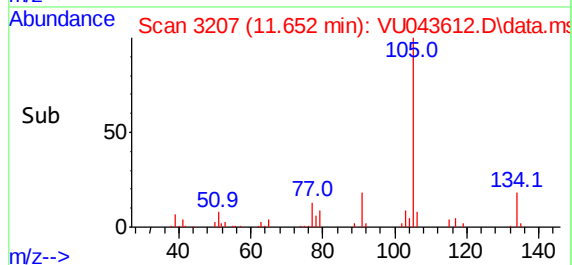
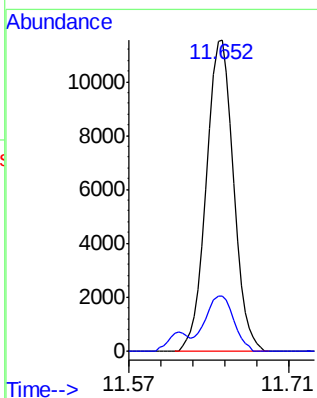
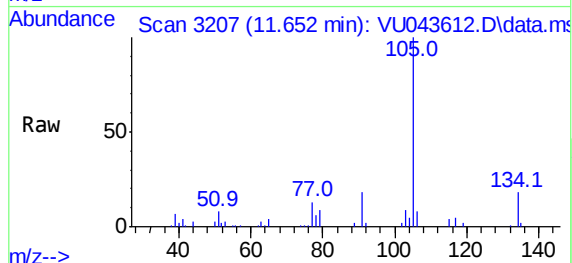




#85  
 sec-Butylbenzene  
 Concen: 3.59 ug/l  
 RT: 11.652 min Scan# 3207  
 Delta R.T. -0.000 min  
 Lab File: VU043612.D  
 Acq: 07 May 2021 15:07

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 OWL-C2-GW

Tgt Ion:105 Resp: 17553  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 9.2 27.6



#89  
 n-Butylbenzene  
 Concen: 3.11 ug/l  
 RT: 12.214 min Scan# 3382  
 Delta R.T. 0.000 min  
 Lab File: VU043612.D  
 Acq: 07 May 2021 15:07

Tgt Ion: 91 Resp: 3923  
 Ion Ratio Lower Upper  
 91 100  
 92 47.0 25.4 76.2  
 134 23.0 11.3 33.9

