

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041421\  
 Data File : VU043092.D  
 Acq On : 14 Apr 2021 14:22  
 Operator : SY/MD  
 Sample : M1983-02MEDL 5X  
 Misc : 2.79g/5mL/100uL/5.00mL/MSVOA\_U/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 16873MEDL

Quant Time: Apr 15 02:04:53 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

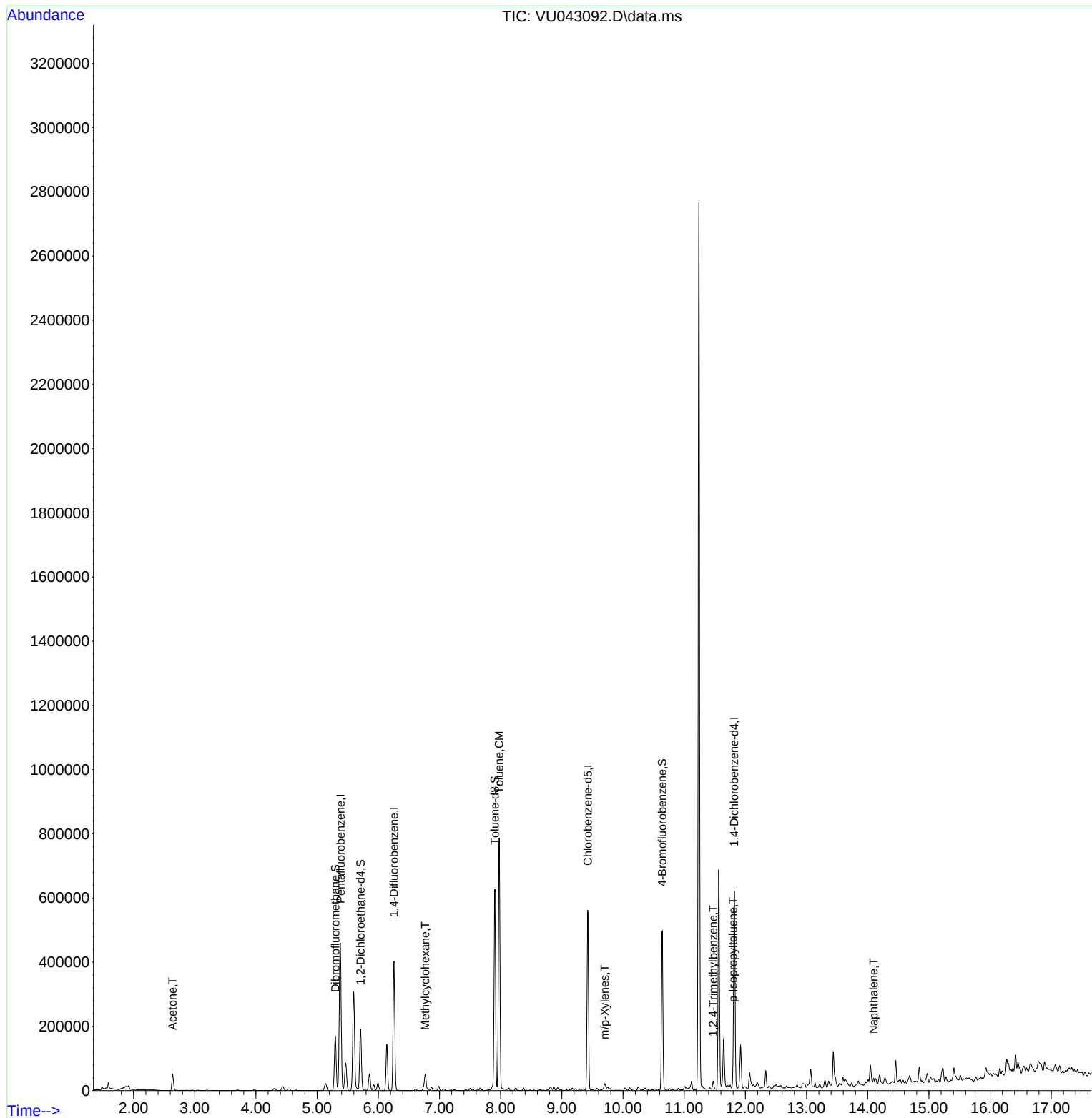
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) Pentafluorobenzene       | 5.382  | 168  | 189637   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.256  | 114  | 308275   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 288170   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 153396   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 147308   | 46.21 | ug/l   | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =     | 92.42% |          |
| 35) Dibromofluoromethane    | 5.298  | 113  | 103473   | 44.67 | ug/l   | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =     | 89.34% |          |
| 50) Toluene-d8              | 7.906  | 98   | 381490   | 46.54 | ug/l   | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =     | 93.08% |          |
| 62) 4-Bromofluorobenzene    | 10.642 | 95   | 151736   | 46.23 | ug/l   | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =     | 92.46% |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 16) Acetone                 | 2.639  | 43   | 62026    | 32.80 | ug/l   | 96       |
| 39) Methylcyclohexane       | 6.767  | 83   | 19667    | 5.47  | ug/l   | 97       |
| 52) Toluene                 | 7.976  | 92   | 310330   | 53.57 | ug/l   | 100      |
| 68) m/p-Xylenes             | 9.700  | 106  | 5062     | 1.23  | ug/l   | 83       |
| 84) 1,2,4-Trimethylbenzene  | 11.475 | 105  | 12620    | 1.35  | ug/l   | 97       |
| 86) p-Isopropyltoluene      | 11.799 | 119  | 17470    | 1.81  | ug/l   | 94       |
| 95) Naphthalene             | 14.095 | 128  | 5700     | 3.23  | ug/l # | 93       |
| -----                       |        |      |          |       |        |          |

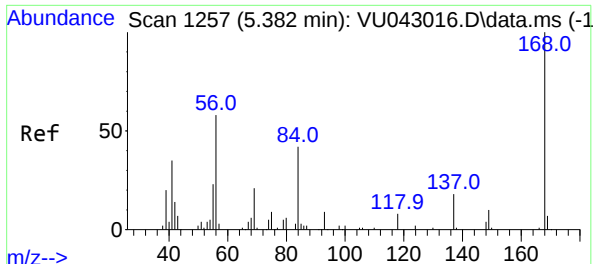
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041421\  
Data File : VU043092.D  
Acq On : 14 Apr 2021 14:22  
Operator : SY/MD  
Sample : M1983-02MEDL 5X  
Misc : 2.79g/5mL/100uL/5.00mL/MSVOA\_U/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
16873MEDL

Quant Time: Apr 15 02:04:53 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

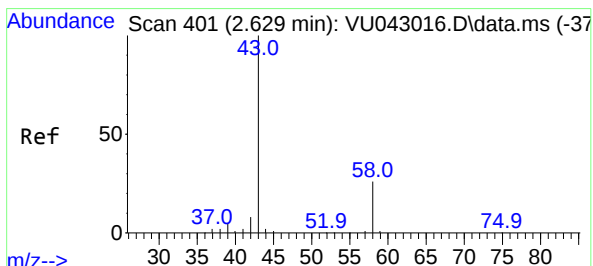
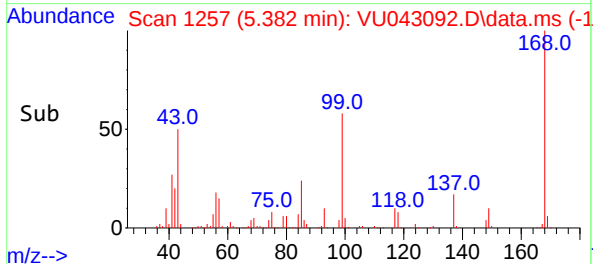
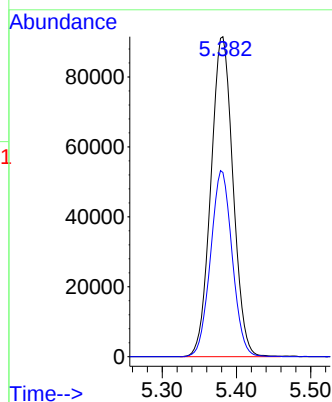
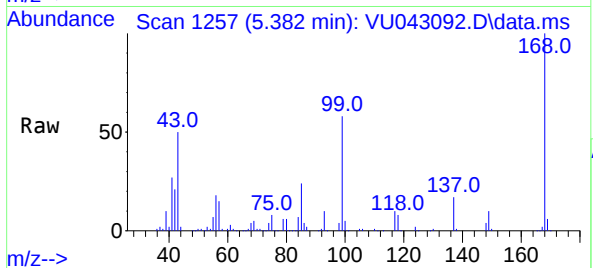




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

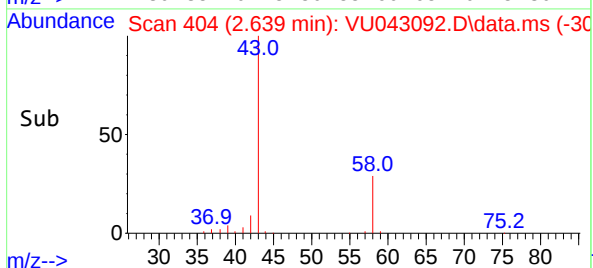
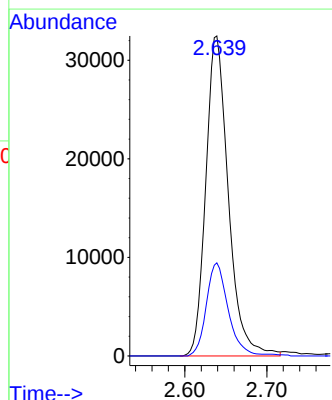
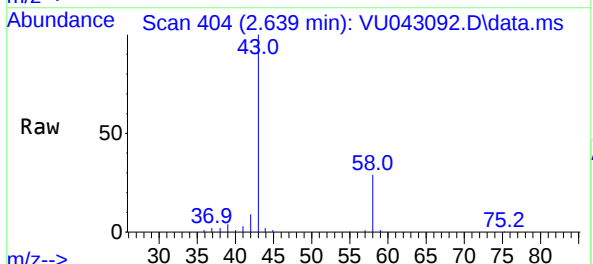
Instrument :  
MSVOA\_U  
ClientSampleId :  
16873MEDL

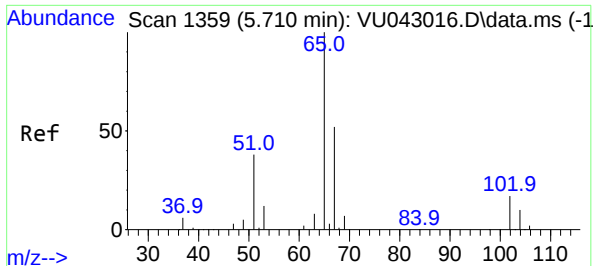
Tgt Ion:168 Resp: 189637  
Ion Ratio Lower Upper  
168 100  
99 57.5 45.0 67.4



#16  
Acetone  
Concen: 32.80 ug/l  
RT: 2.639 min Scan# 404  
Delta R.T. 0.010 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

Tgt Ion: 43 Resp: 62026  
Ion Ratio Lower Upper  
43 100  
58 29.1 21.5 32.3

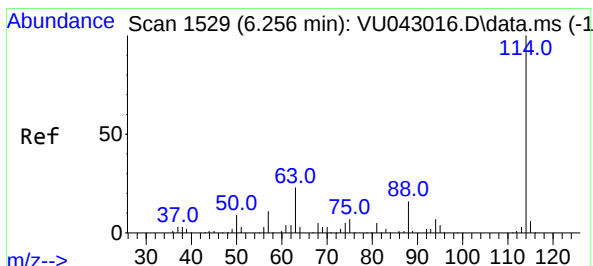
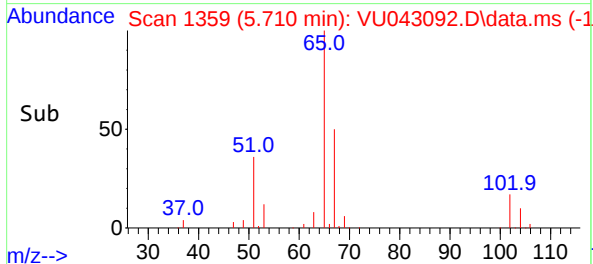
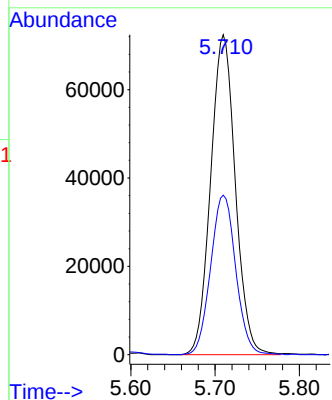
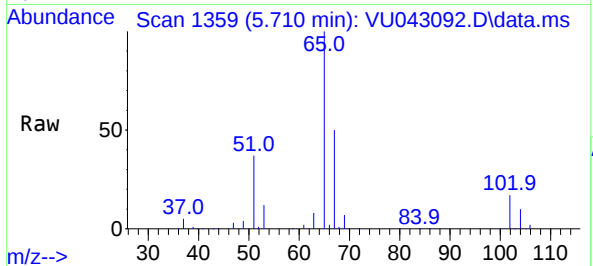




#33  
1,2-Dichloroethane-d4  
Concen: 46.21 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

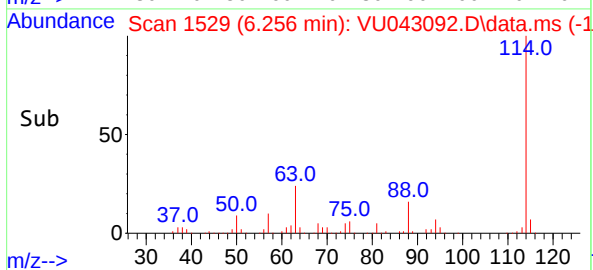
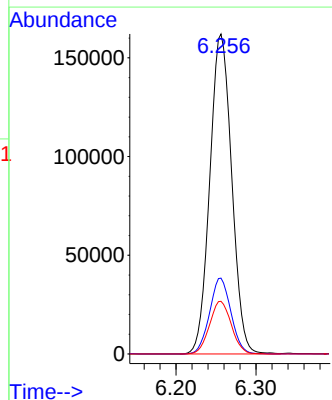
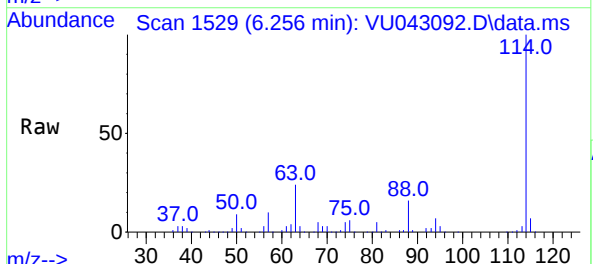
Instrument :  
MSVOA\_U  
ClientSampleId :  
16873MEDL

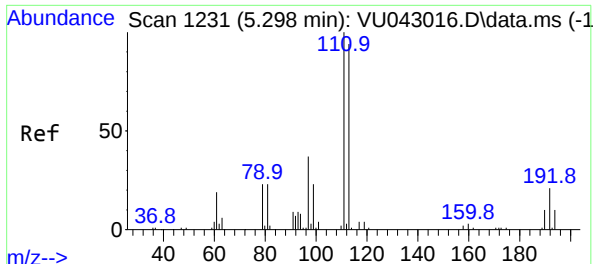
Tgt Ion: 65 Resp: 147308  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 99.8



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

Tgt Ion: 114 Resp: 308275  
Ion Ratio Lower Upper  
114 100  
63 23.7 0.0 44.2  
88 16.5 0.0 33.4

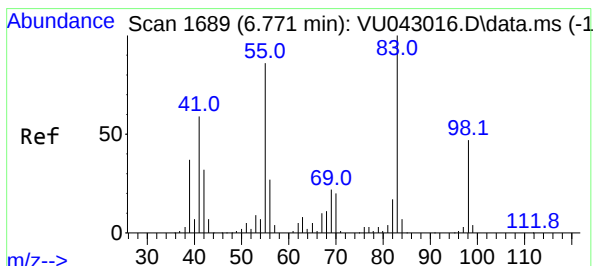
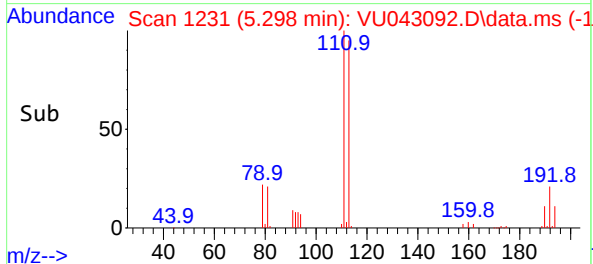
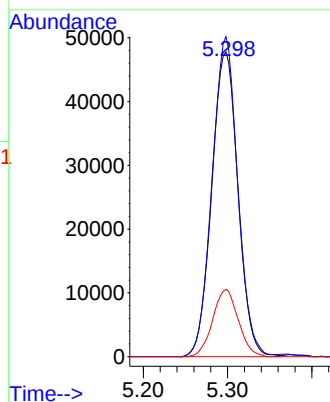
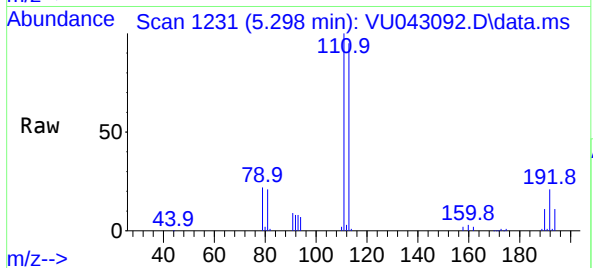




#35  
Dibromofluoromethane  
Concen: 44.67 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

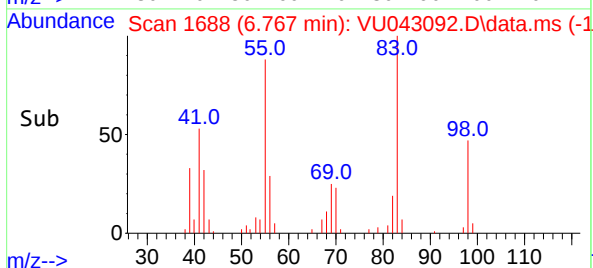
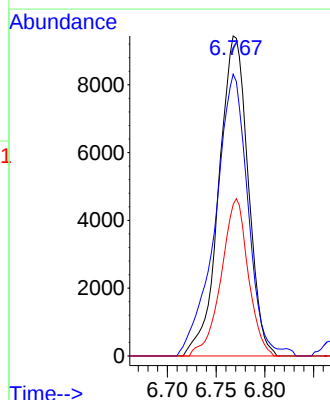
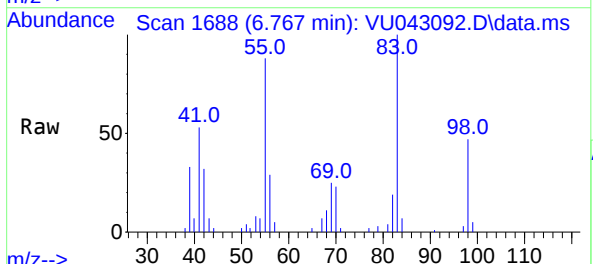
Instrument :  
MSVOA\_U  
ClientSampled :  
16873MEDL

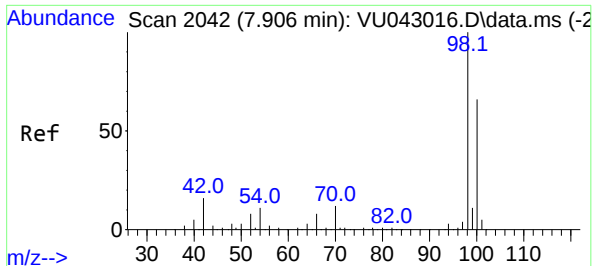
Tgt Ion:113 Resp: 103473  
Ion Ratio Lower Upper  
113 100  
111 102.2 81.8 122.8  
192 21.5 17.2 25.8



#39  
Methylcyclohexane  
Concen: 5.47 ug/l  
RT: 6.767 min Scan# 1688  
Delta R.T. -0.004 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

Tgt Ion: 83 Resp: 19667  
Ion Ratio Lower Upper  
83 100  
55 86.5 66.8 100.2  
98 47.3 36.9 55.3

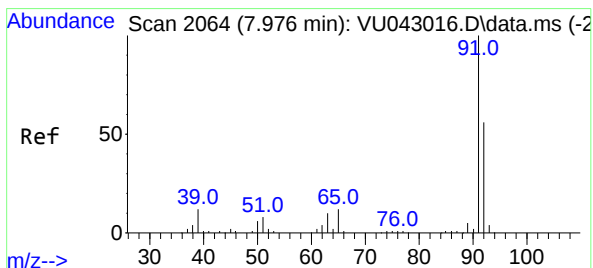
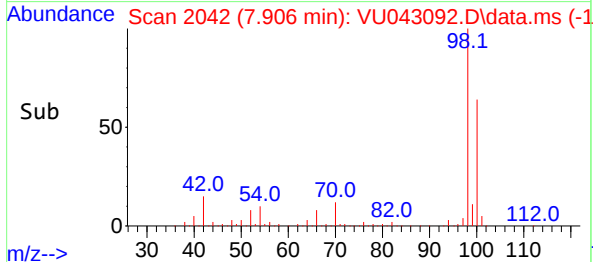
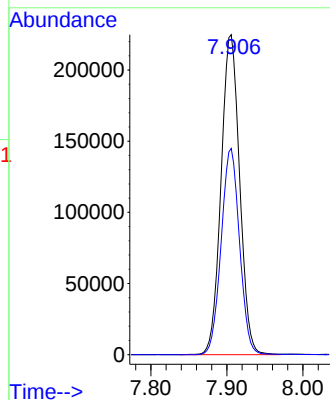
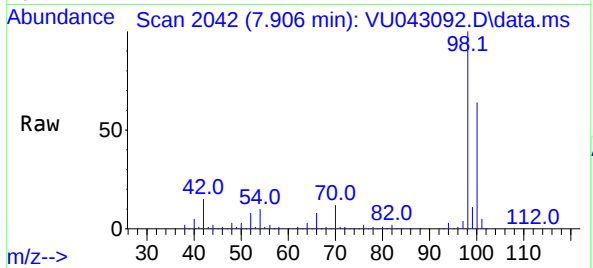




#50  
Toluene-d8  
Concen: 46.54 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

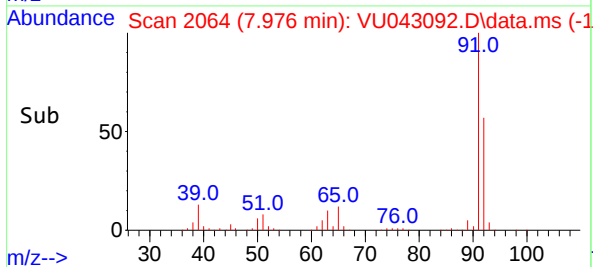
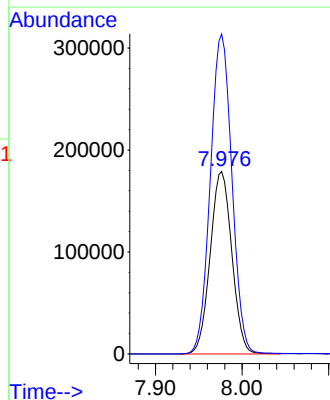
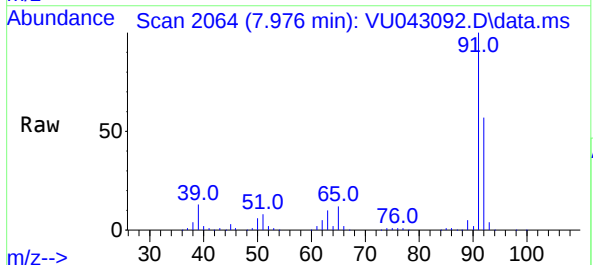
Instrument :  
MSVOA\_U  
ClientSampleId :  
16873MEDL

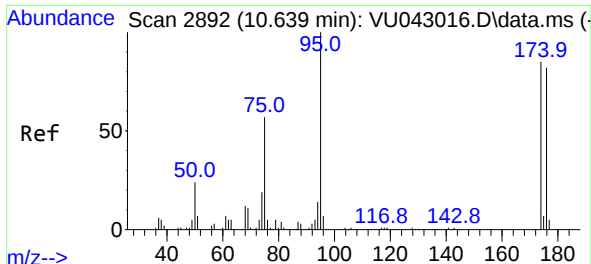
Tgt Ion: 98 Resp: 381490  
Ion Ratio Lower Upper  
98 100  
100 63.7 50.2 75.2



#52  
Toluene  
Concen: 53.57 ug/l  
RT: 7.976 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

Tgt Ion: 92 Resp: 310330  
Ion Ratio Lower Upper  
92 100  
91 174.9 140.3 210.5

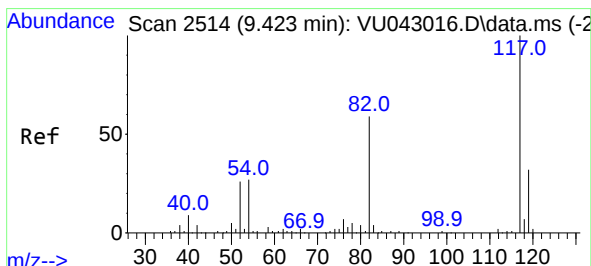
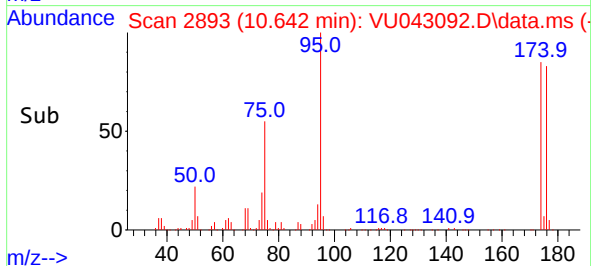
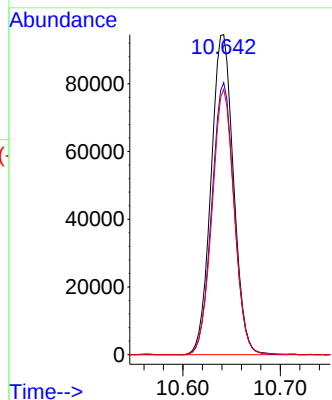
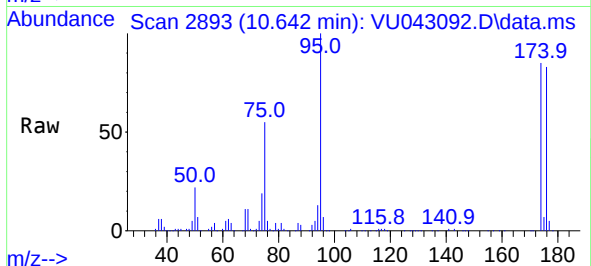




#62  
4-Bromofluorobenzene  
Concen: 46.23 ug/l  
RT: 10.642 min Scan# 2893  
Delta R.T. 0.003 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

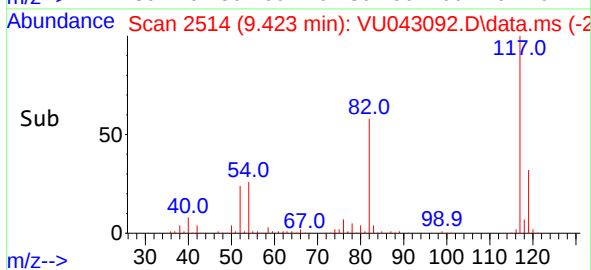
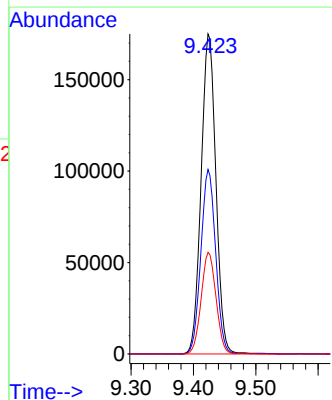
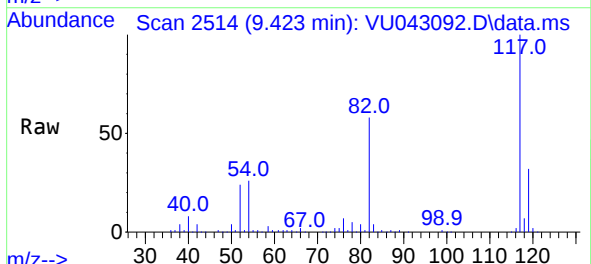
Instrument :  
MSVOA\_U  
ClientSampleId :  
16873MEDL

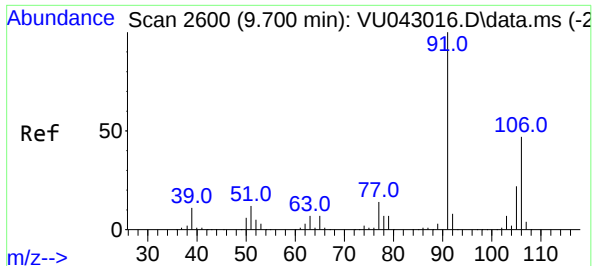
Tgt Ion: 95 Resp: 151736  
Ion Ratio Lower Upper  
95 100  
174 84.0 0.0 172.2  
176 81.8 0.0 168.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

Tgt Ion: 117 Resp: 288170  
Ion Ratio Lower Upper  
117 100  
82 57.6 45.8 68.6  
119 31.8 25.8 38.8

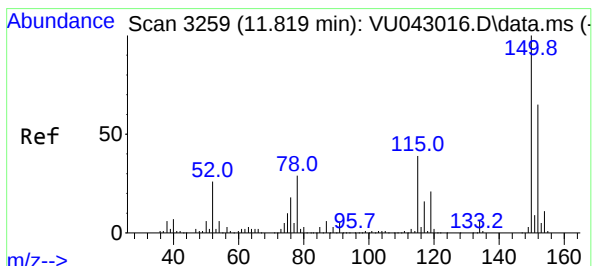
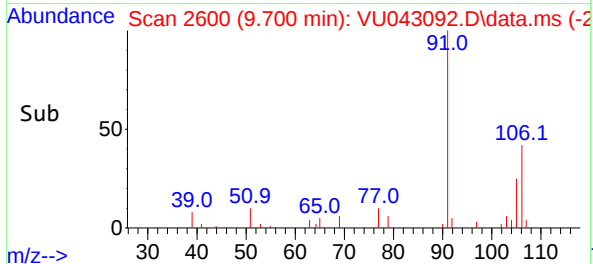
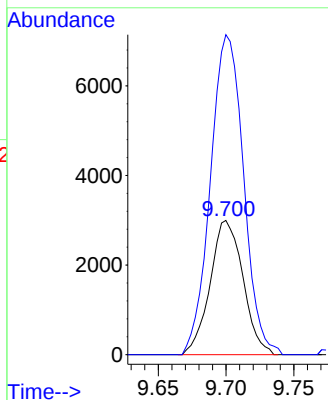
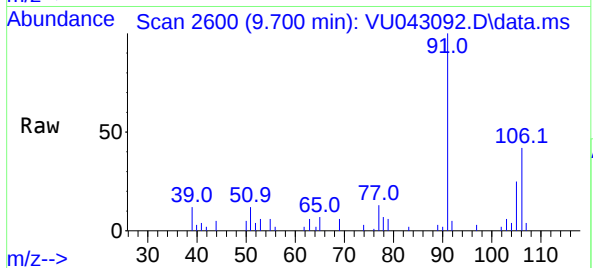




#68  
m/p-Xylenes  
Concen: 1.23 ug/l  
RT: 9.700 min Scan# 2600  
Delta R.T. -0.000 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

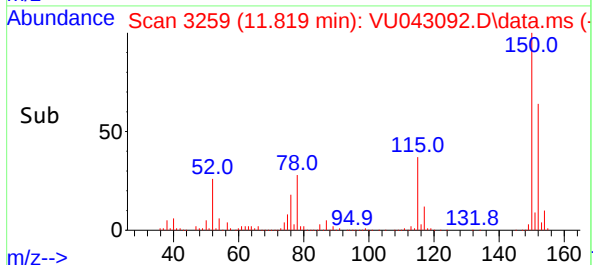
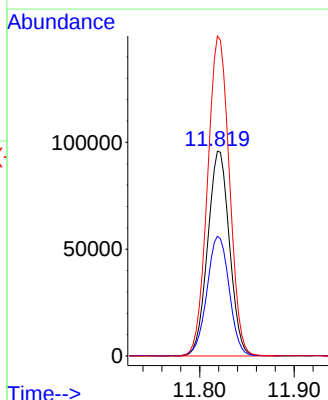
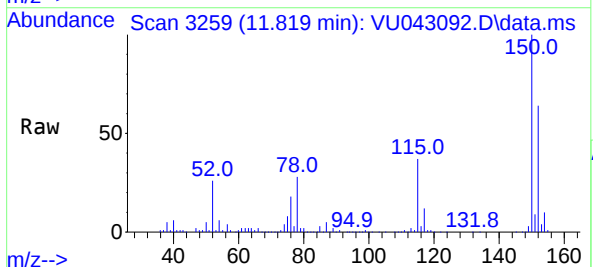
Instrument :  
MSVOA\_U  
ClientSampled :  
16873MEDL

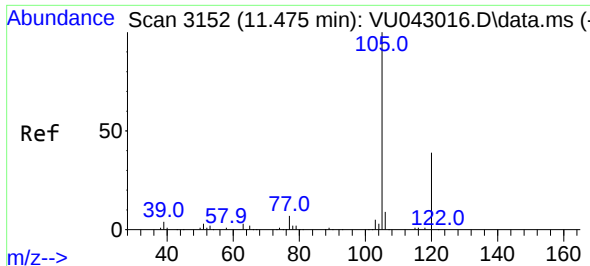
Tgt Ion:106 Resp: 5062  
Ion Ratio Lower Upper  
106 100  
91 239.8 169.9 254.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

Tgt Ion:152 Resp: 153396  
Ion Ratio Lower Upper  
152 100  
115 60.1 41.5 124.6  
150 156.7 0.0 342.4

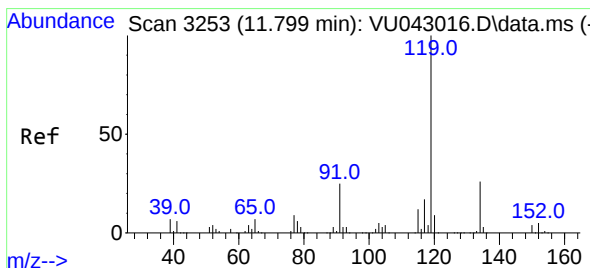
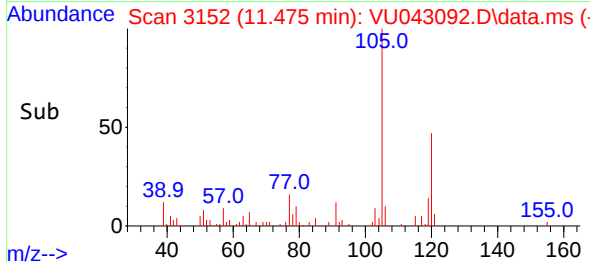
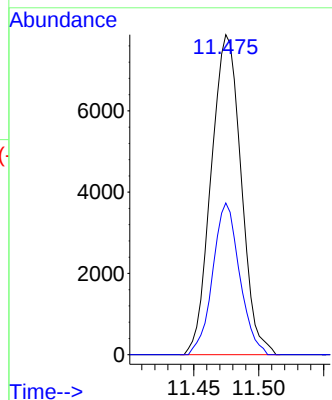
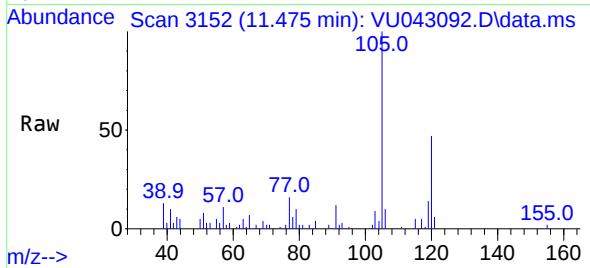




#84  
1,2,4-Trimethylbenzene  
Concen: 1.35 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

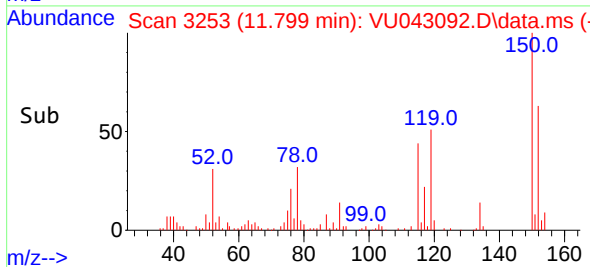
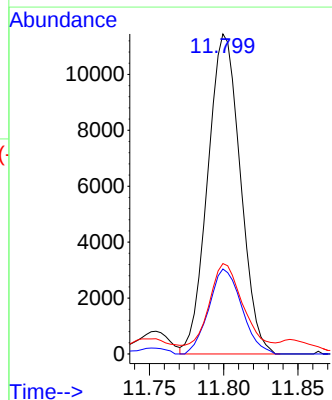
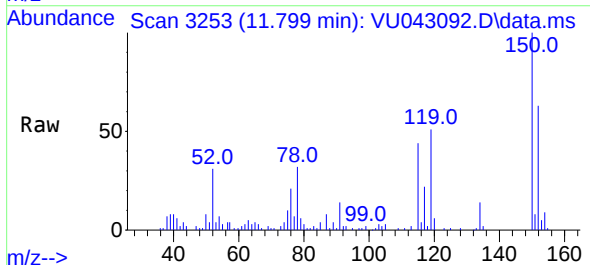
Instrument :  
MSVOA\_U  
ClientSampleId :  
16873MEDL

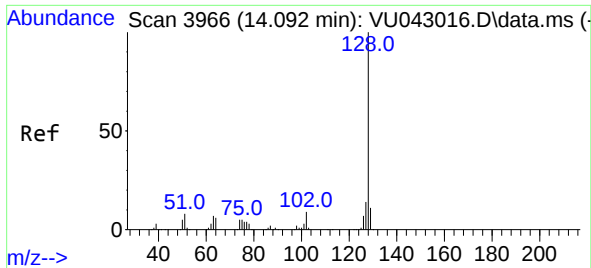
Tgt Ion:105 Resp: 12620  
Ion Ratio Lower Upper  
105 100  
120 42.6 22.3 66.8



#86  
p-Isopropyltoluene  
Concen: 1.81 ug/l  
RT: 11.799 min Scan# 3253  
Delta R.T. 0.000 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

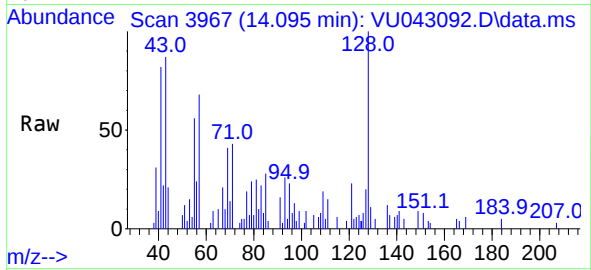
Tgt Ion:119 Resp: 17470  
Ion Ratio Lower Upper  
119 100  
134 26.7 13.2 39.6  
91 31.5 12.8 38.3





#95  
Naphthalene  
Concen: 3.23 ug/l  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VU043092.D  
Acq: 14 Apr 2021 14:22

Instrument :  
MSVOA\_U  
ClientSampleId :  
16873MEDL



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 5700  |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 16.2  | 10.8  | 16.2  |
| 129       | 13.6  | 8.6   | 13.0# |

