

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092821\  
 Data File : VU044981.D  
 Acq On : 29 Sep 2021 07:38  
 Operator : SY/MD  
 Sample : M3926-04DL 20X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EP-1-MW-4-0921DL

Quant Time: Sep 29 08:00:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 12:32:13 2021  
 Response via : Initial Calibration

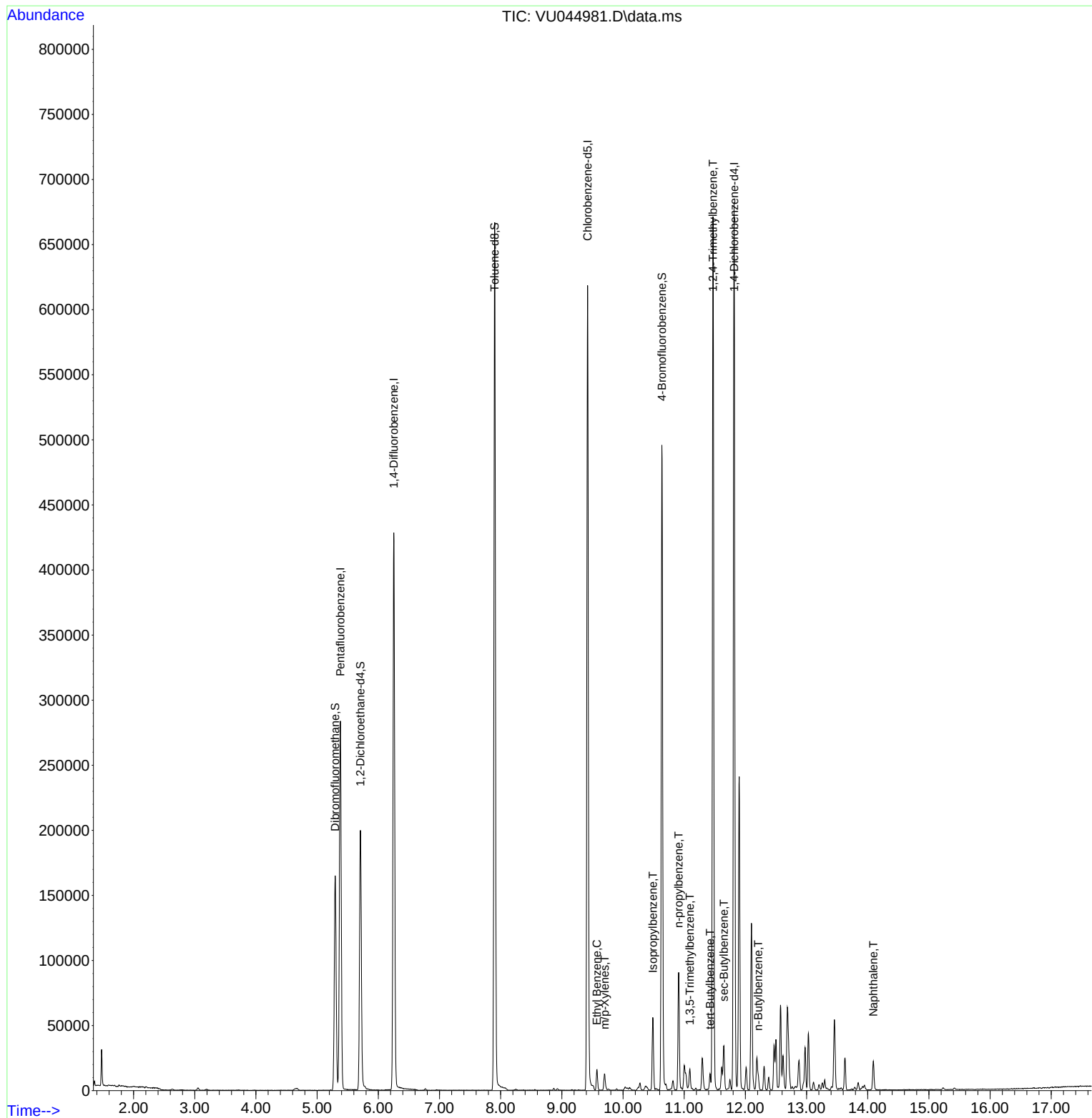
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min)     |
|-----------------------------|-----------|-------|----------|----------|------------|--------------|
| -----                       |           |       |          |          |            |              |
| Internal Standards          |           |       |          |          |            |              |
| 1) Pentafluorobenzene       | 5.379     | 168   | 185848   | 50.000   | ug/l       | 0.00         |
| 34) 1,4-Difluorobenzene     | 6.253     | 114   | 332116   | 50.000   | ug/l       | 0.00         |
| 63) Chlorobenzene-d5        | 9.420     | 117   | 328563   | 50.000   | ug/l       | 0.00         |
| 72) 1,4-Dichlorobenzene-d4  | 11.816    | 152   | 165040   | 50.000   | ug/l       | 0.00         |
| System Monitoring Compounds |           |       |          |          |            |              |
| 33) 1,2-Dichloroethane-d4   | 5.707     | 65    | 154888   | 50.066   | ug/l       | 0.00         |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 100.140% |              |
| 35) Dibromofluoromethane    | 5.295     | 113   | 108643   | 51.856   | ug/l       | 0.00         |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 103.720% |              |
| 50) Toluene-d8              | 7.903     | 98    | 432574   | 52.255   | ug/l       | 0.00         |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 104.520% |              |
| 62) 4-Bromofluorobenzene    | 10.636    | 95    | 164208   | 48.047   | ug/l       | 0.00         |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 96.100%  |              |
| Target Compounds            |           |       |          |          |            |              |
| 67) Ethyl Benzene           | 9.575     | 91    | 10912    | 0.861    | ug/l       | Qvalue<br>91 |
| 68) m/p-Xylenes             | 9.700     | 106   | 3203     | 0.650    | ug/l       | 96           |
| 73) Isopropylbenzene        | 10.488    | 105   | 35979    | 2.927    | ug/l       | 99           |
| 78) n-propylbenzene         | 10.909    | 91    | 70182    | 4.686    | ug/l       | 99           |
| 80) 1,3,5-Trimethylbenzene  | 11.092    | 105   | 8858     | 0.823    | ug/l       | 94           |
| 83) tert-Butylbenzene       | 11.423    | 119   | 4863     | 0.464    | ug/l       | 87           |
| 84) 1,2,4-Trimethylbenzene  | 11.472    | 105   | 364492   | 34.219   | ug/l       | 100          |
| 85) sec-Butylbenzene        | 11.648    | 105   | 22835    | 1.693    | ug/l       | 99           |
| 89) n-Butylbenzene          | 12.211    | 91    | 6618     | 0.662    | ug/l #     | 71           |
| 95) Naphthalene             | 14.092    | 128   | 18070    | 1.484    | ug/l       | 99           |
| -----                       |           |       |          |          |            |              |

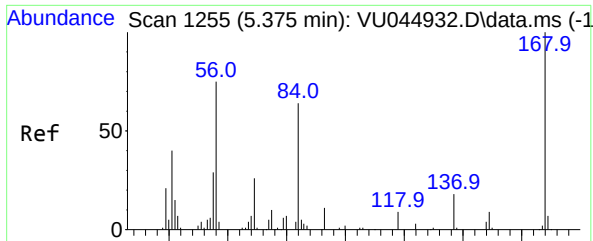
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092821\  
Data File : VU044981.D  
Acq On : 29 Sep 2021 07:38  
Operator : SY/MD  
Sample : M3926-04DL 20X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 56 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-4-0921DL

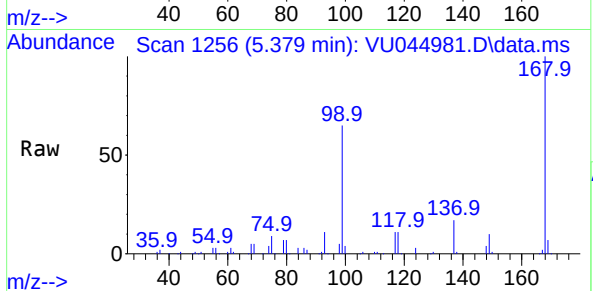
Quant Time: Sep 29 08:00:10 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 28 12:32:13 2021  
Response via : Initial Calibration



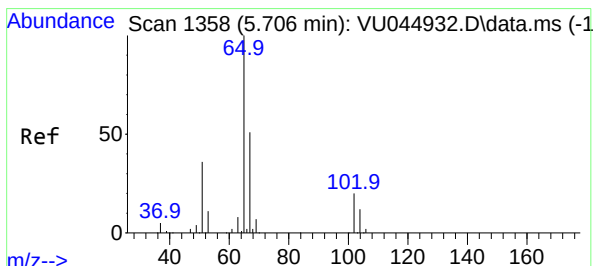
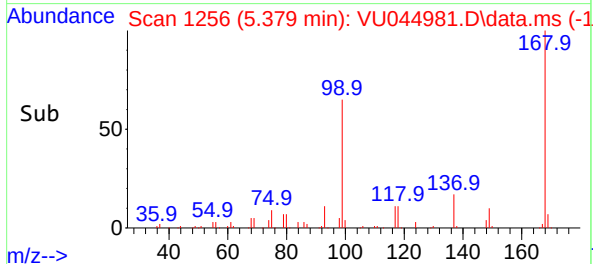
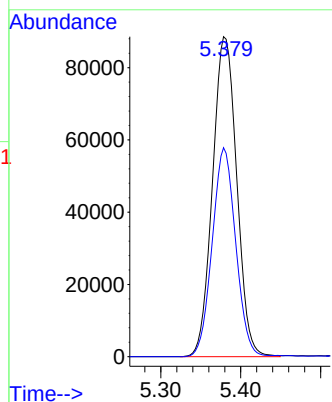


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.379 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-4-0921DL

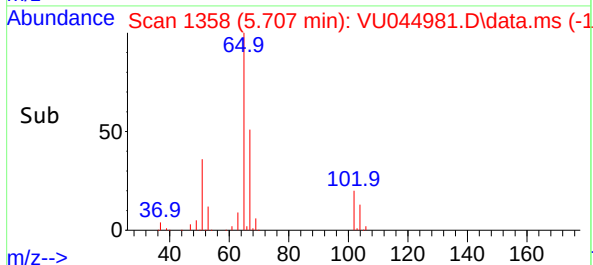
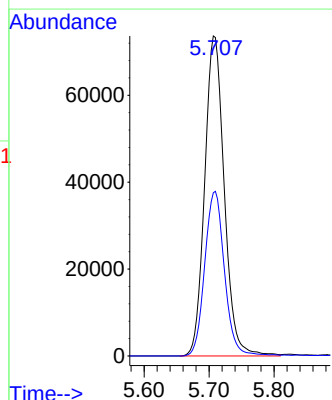
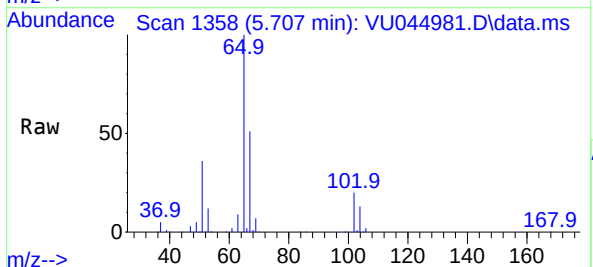


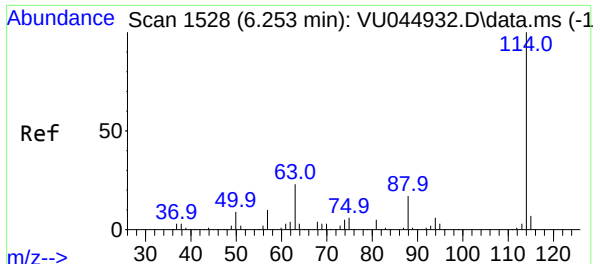
Tgt Ion:168 Resp: 185848  
Ion Ratio Lower Upper  
168 100  
99 65.3 51.4 77.0



#33  
1,2-Dichloroethane-d4  
Concen: 50.066 ug/l  
RT: 5.707 min Scan# 1358  
Delta R.T. 0.001 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

Tgt Ion: 65 Resp: 154888  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU044981.D

Acq: 29 Sep 2021 07:38

Instrument :

MSVOA\_U

ClientSampleId :

EP-1-MW-4-0921DL

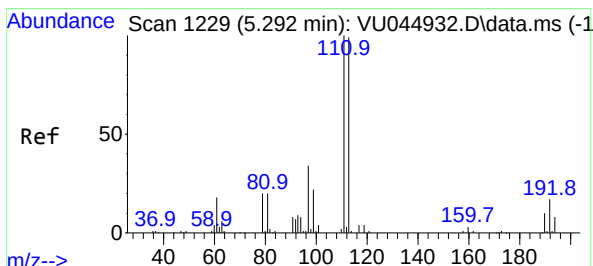
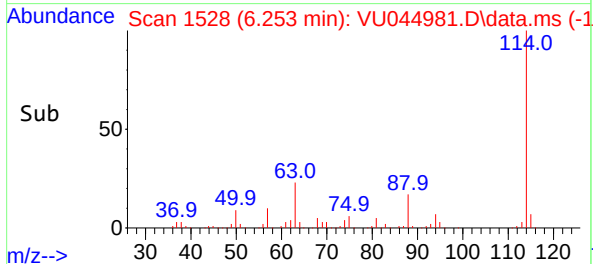
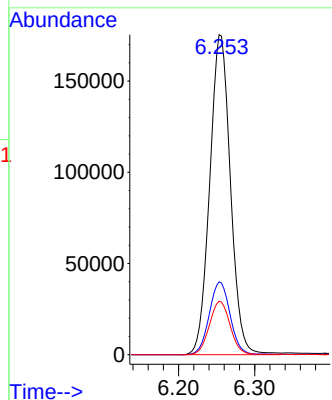
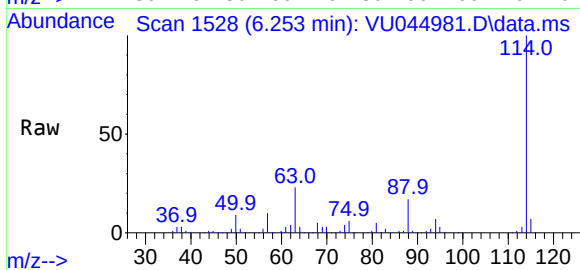
Tgt Ion:114 Resp: 332116

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.856 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU044981.D

Acq: 29 Sep 2021 07:38

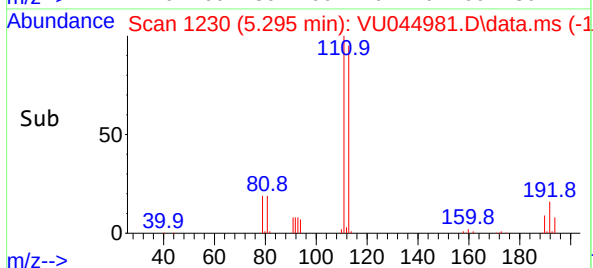
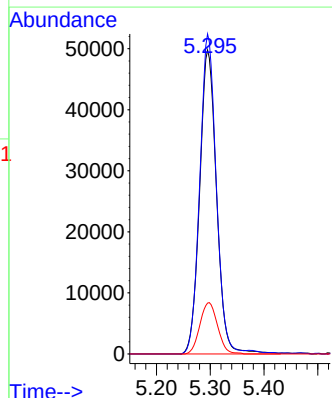
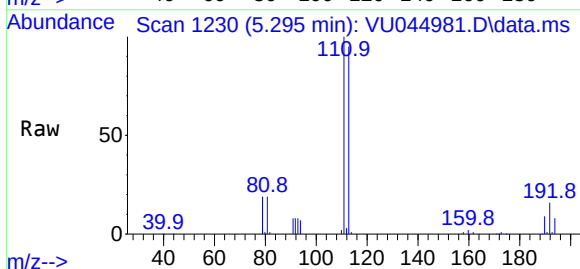
Tgt Ion:113 Resp: 108643

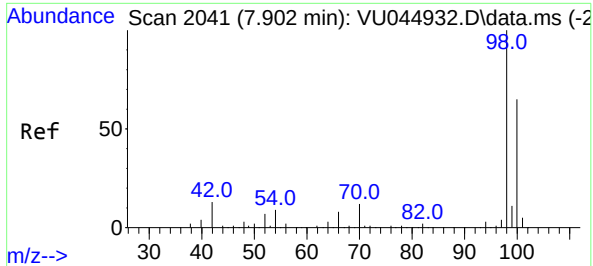
Ion Ratio Lower Upper

113 100

111 102.2 84.1 126.1

192 17.7 14.8 22.2

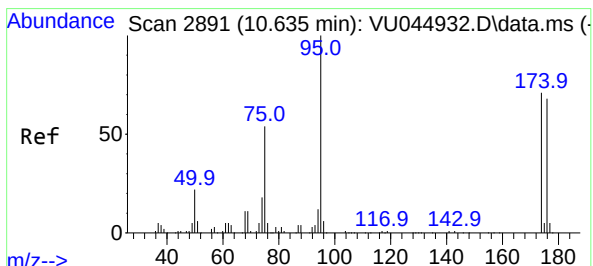
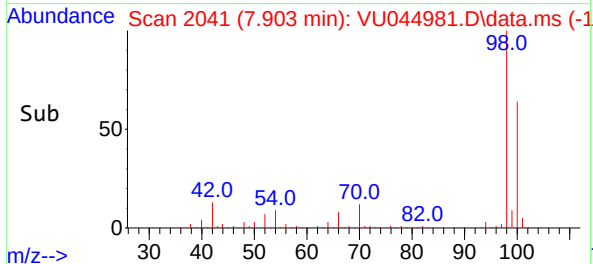
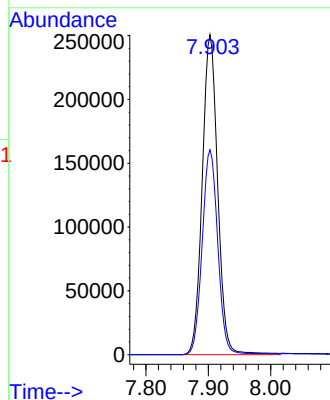
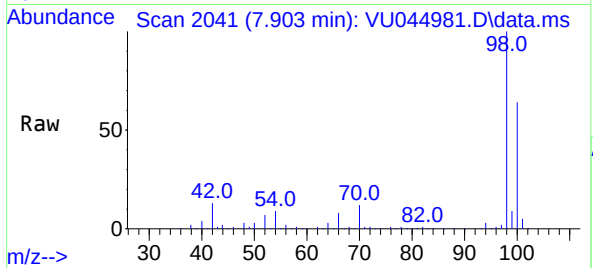




#50  
Toluene-d8  
Concen: 52.255 ug/l  
RT: 7.903 min Scan# 2041  
Delta R.T. 0.001 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

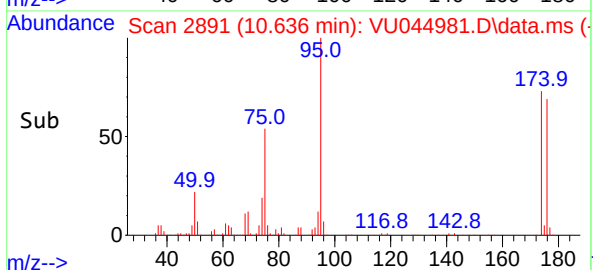
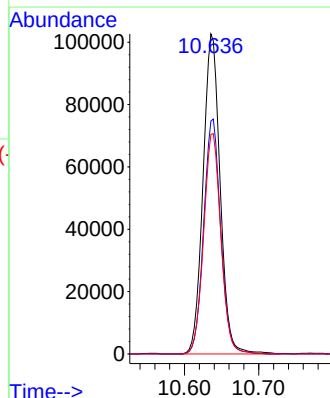
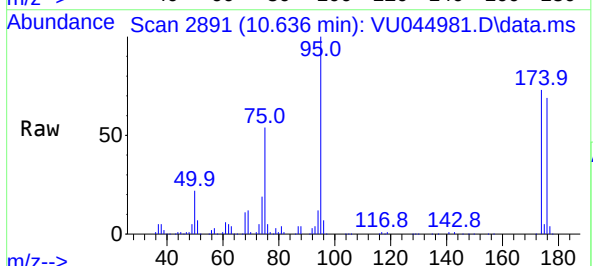
Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-4-0921DL

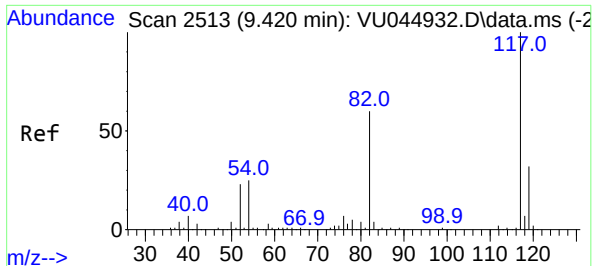
Tgt Ion: 98 Resp: 432574  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 48.047 ug/l  
RT: 10.636 min Scan# 2891  
Delta R.T. 0.001 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

Tgt Ion: 95 Resp: 164208  
Ion Ratio Lower Upper  
95 100  
174 73.1 0.0 146.6  
176 69.4 0.0 141.2

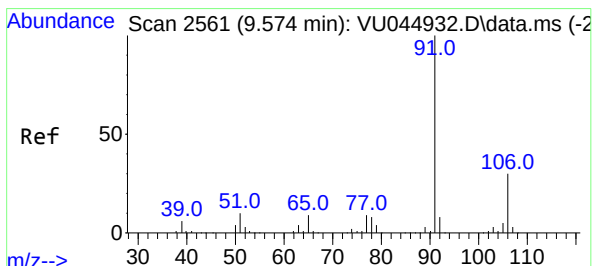
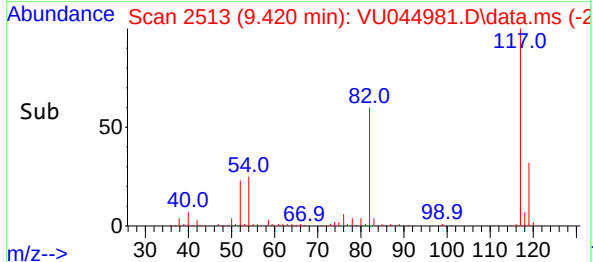
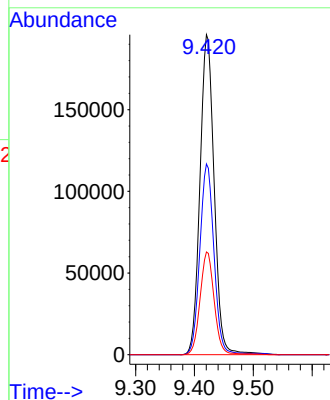
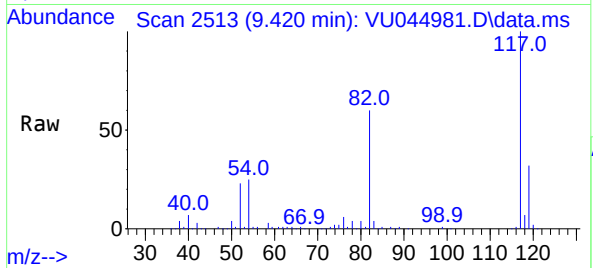




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 2513  
Delta R.T. 0.000 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

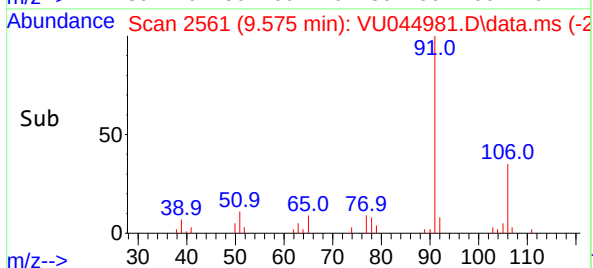
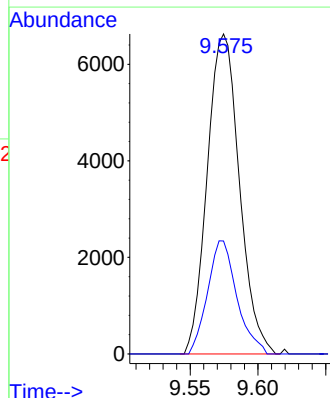
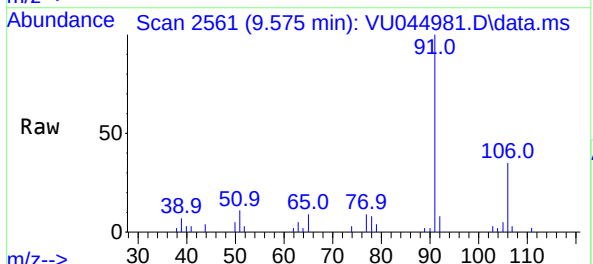
Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-4-0921DL

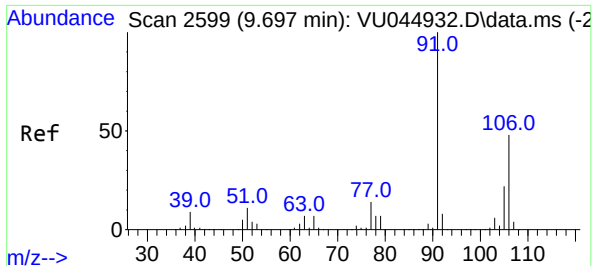
Tgt Ion:117 Resp: 328563  
Ion Ratio Lower Upper  
117 100  
82 59.6 47.8 71.8  
119 32.1 25.8 38.6



#67  
Ethyl Benzene  
Concen: 0.861 ug/l  
RT: 9.575 min Scan# 2561  
Delta R.T. 0.001 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

Tgt Ion: 91 Resp: 10912  
Ion Ratio Lower Upper  
91 100  
106 35.3 24.3 36.5

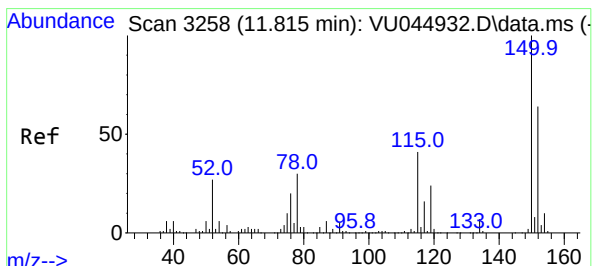
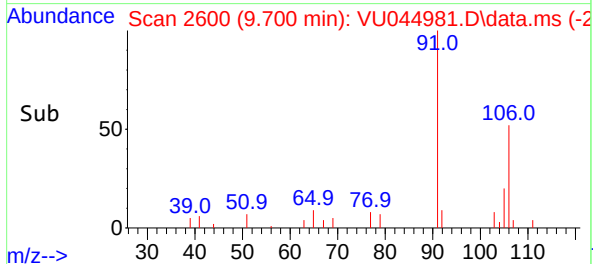
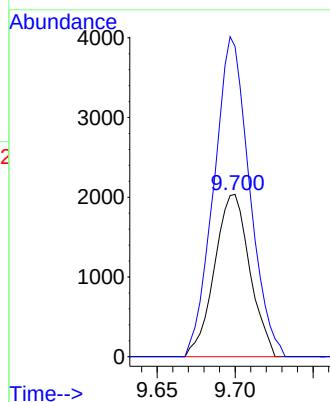
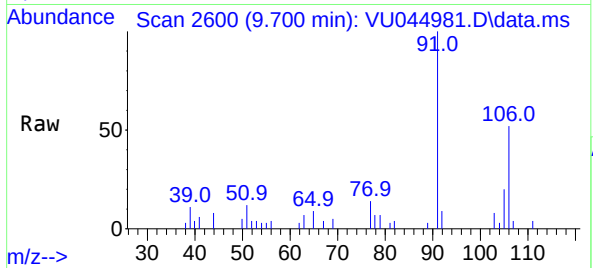




#68  
m/p-Xylenes  
Concen: 0.650 ug/l  
RT: 9.700 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

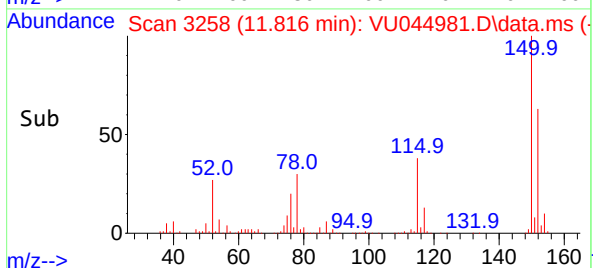
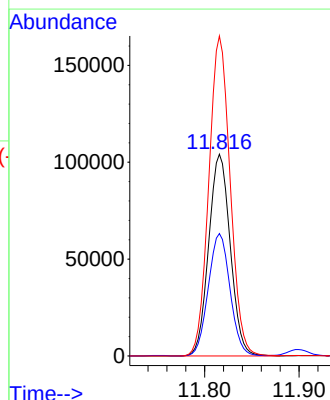
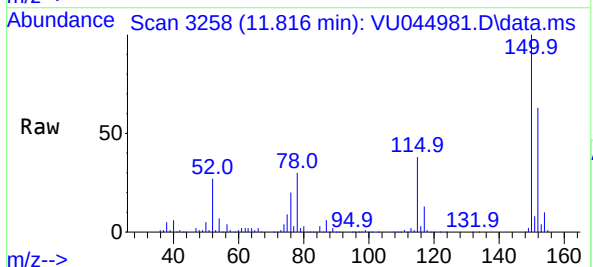
Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-4-0921DL

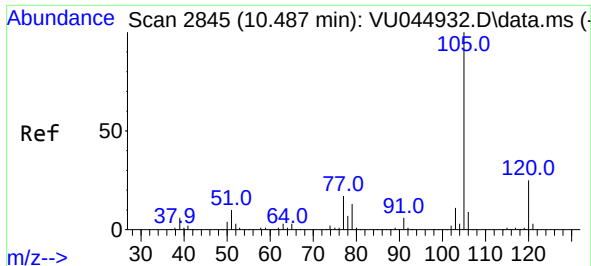
Tgt Ion:106 Resp: 3203  
Ion Ratio Lower Upper  
106 100  
91 198.7 164.2 246.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.816 min Scan# 3258  
Delta R.T. 0.001 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

Tgt Ion:152 Resp: 165040  
Ion Ratio Lower Upper  
152 100  
115 61.3 43.5 130.7  
150 156.8 0.0 350.0

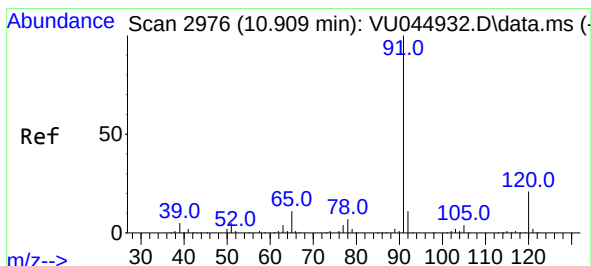
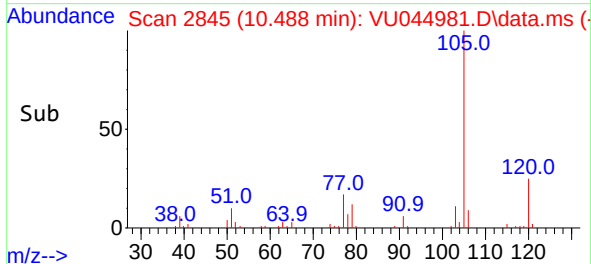
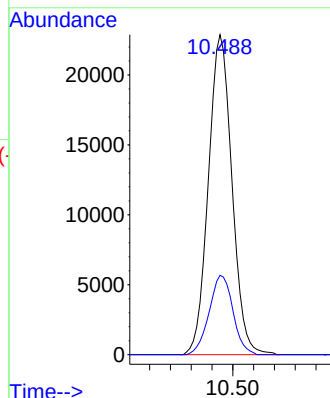
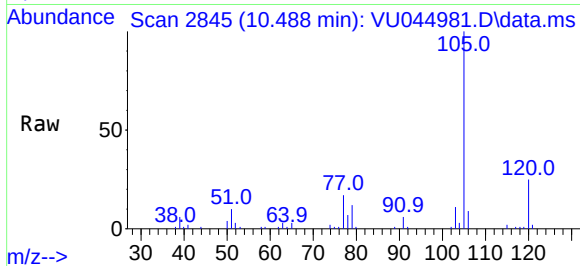




#73  
Isopropylbenzene  
Concen: 2.927 ug/l  
RT: 10.488 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

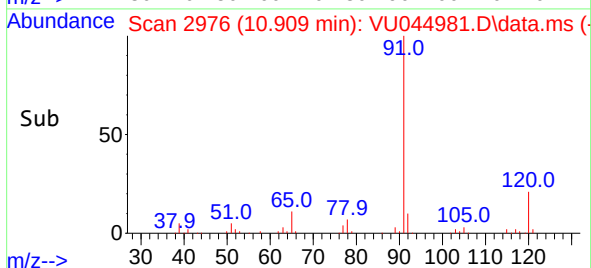
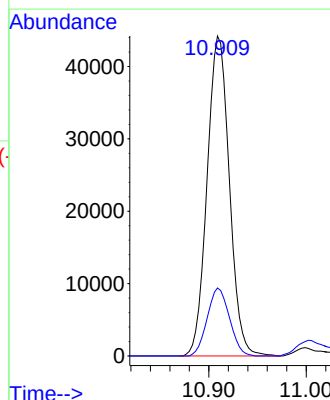
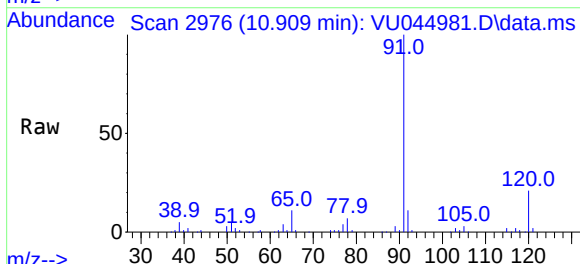
Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-4-0921DL

Tgt Ion:105 Resp: 35979  
Ion Ratio Lower Upper  
105 100  
120 25.1 12.8 38.3

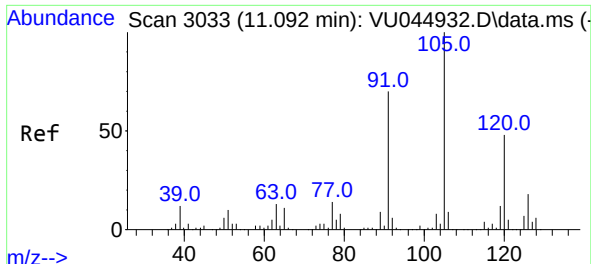


#78  
n-propylbenzene  
Concen: 4.686 ug/l  
RT: 10.909 min Scan# 2976  
Delta R.T. -0.000 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

Tgt Ion: 91 Resp: 70182  
Ion Ratio Lower Upper  
91 100  
120 21.2 10.8 32.4



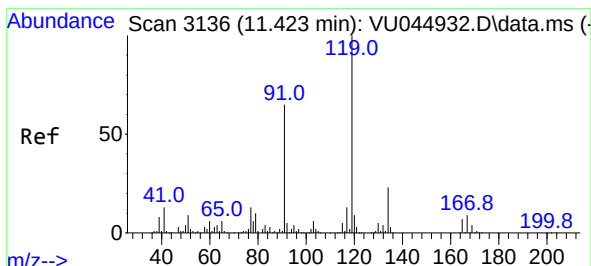
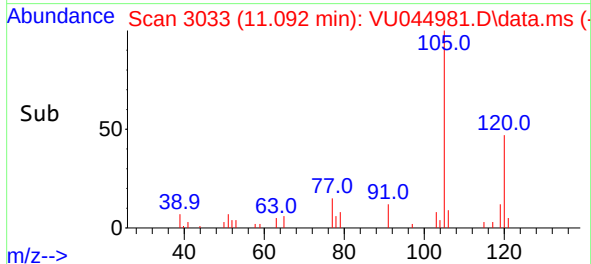
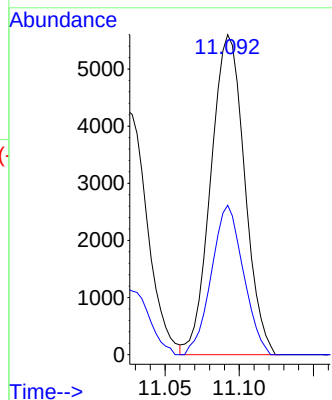
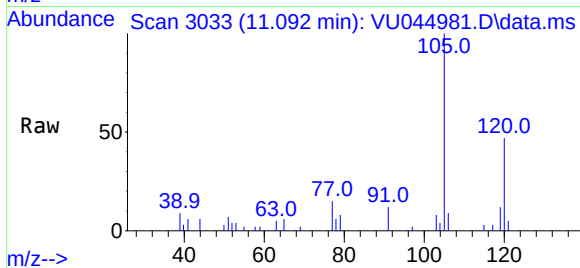




#80  
1,3,5-Trimethylbenzene  
Concen: 0.823 ug/l  
RT: 11.092 min Scan# 3033  
Delta R.T. 0.000 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

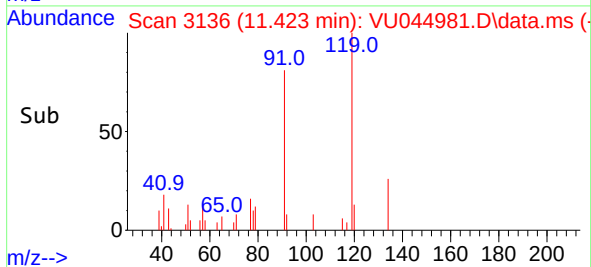
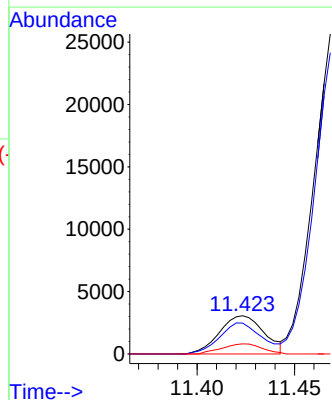
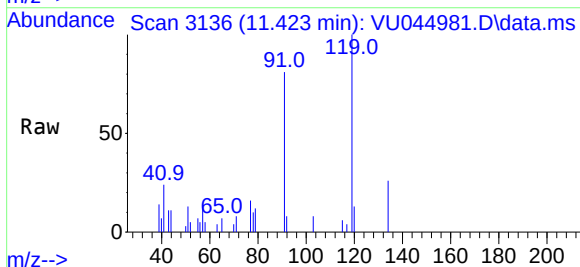
Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-4-0921DL

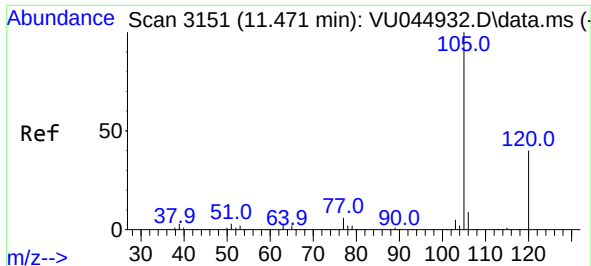
Tgt Ion:105 Resp: 8858  
Ion Ratio Lower Upper  
105 100  
120 44.1 24.1 72.2



#83  
tert-Butylbenzene  
Concen: 0.464 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. 0.000 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

Tgt Ion:119 Resp: 4863  
Ion Ratio Lower Upper  
119 100  
91 74.0 30.4 91.2  
134 24.0 11.5 34.5

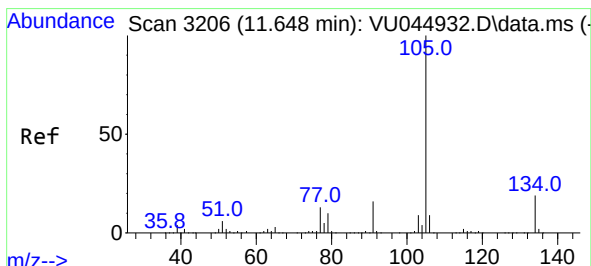
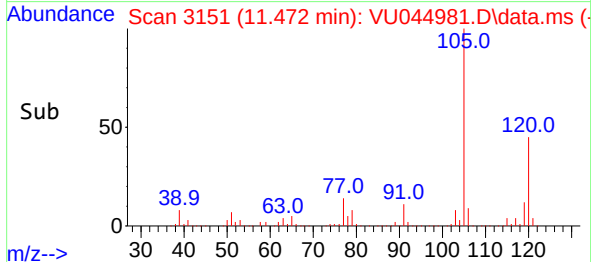
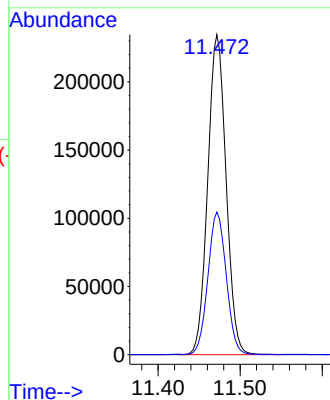
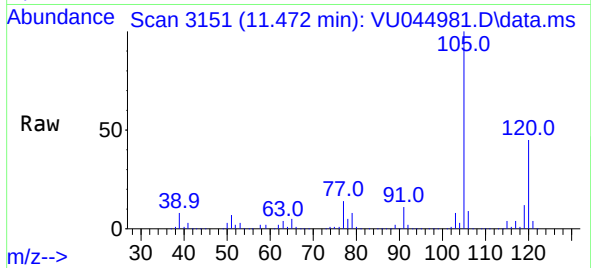




#84  
1,2,4-Trimethylbenzene  
Concen: 34.219 ug/l  
RT: 11.472 min Scan# 3151  
Delta R.T. 0.001 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

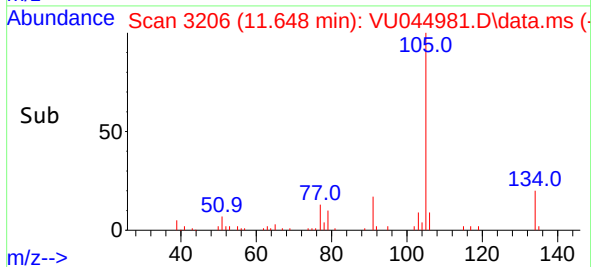
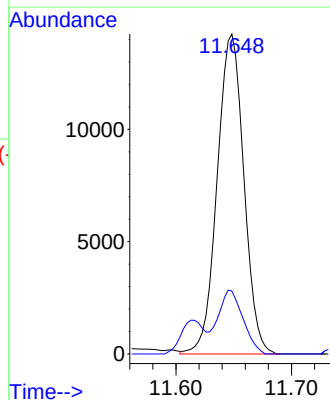
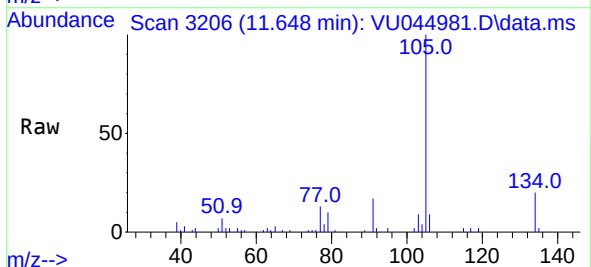
Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-4-0921DL

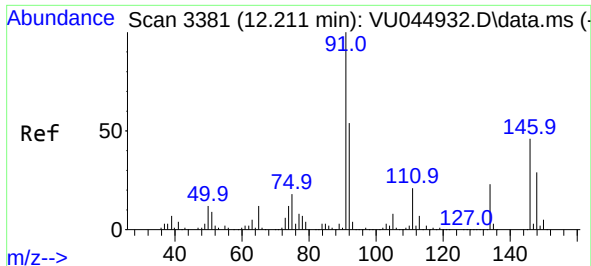
Tgt Ion:105 Resp: 364492  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.4 67.3



#85  
sec-Butylbenzene  
Concen: 1.693 ug/l  
RT: 11.648 min Scan# 3206  
Delta R.T. 0.000 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

Tgt Ion:105 Resp: 22835  
Ion Ratio Lower Upper  
105 100  
134 18.3 9.3 28.0

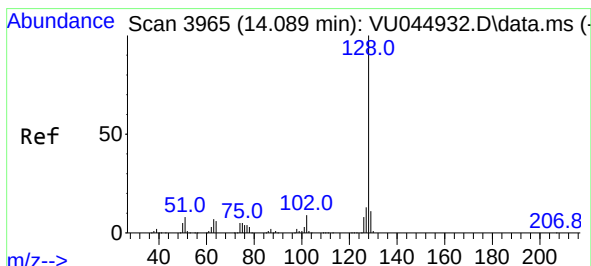
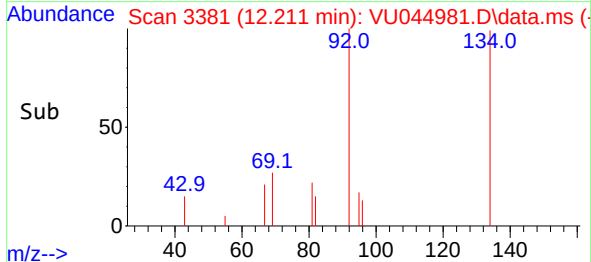
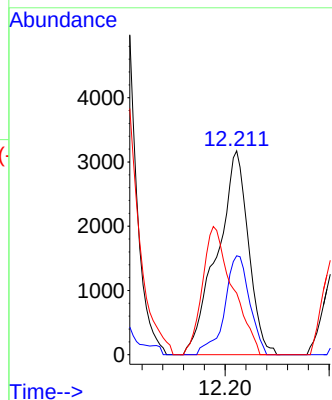
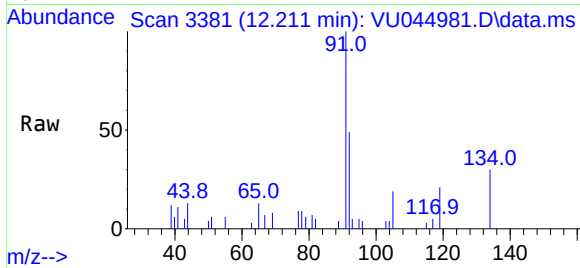




#89  
n-Butylbenzene  
Concen: 0.662 ug/l  
RT: 12.211 min Scan# 3381  
Delta R.T. 0.000 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-4-0921DL

Tgt Ion: 91 Resp: 6618  
Ion Ratio Lower Upper  
91 100  
92 38.7 26.8 80.4  
134 0.0 11.8 35.4#



#95  
Naphthalene  
Concen: 1.484 ug/l  
RT: 14.092 min Scan# 3966  
Delta R.T. 0.003 min  
Lab File: VU044981.D  
Acq: 29 Sep 2021 07:38

Tgt Ion: 128 Resp: 18070  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.4 15.6  
129 10.8 8.6 13.0

