

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044966.D
 Acq On : 29 Sep 2021 01:45
 Operator : SY/MD
 Sample : M3926-07DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-1-MW-5R-0921DL

Quant Time: Sep 29 05:50:24 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)

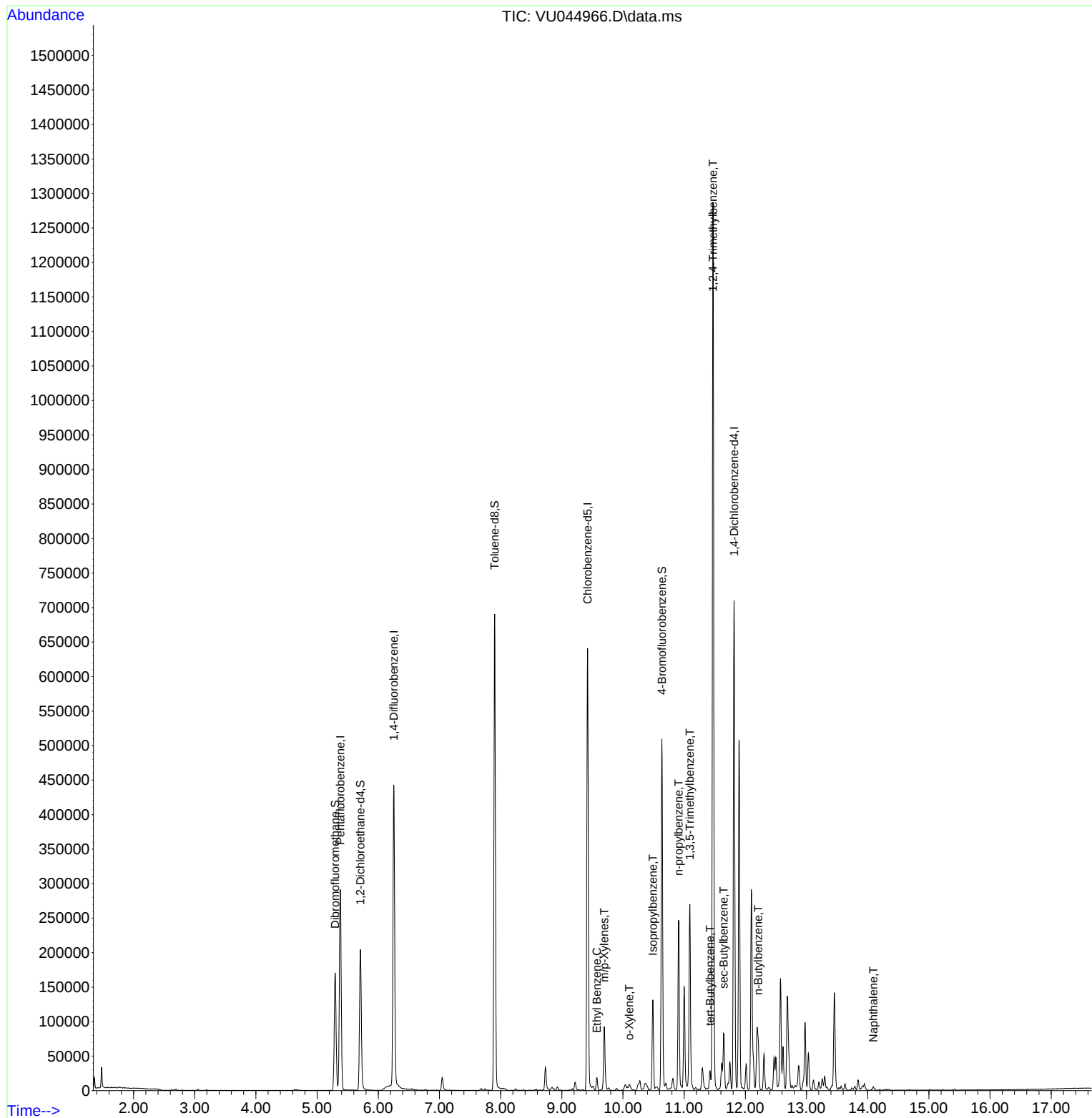
Internal Standards						
1) Pentafluorobenzene	5.379	168	190500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	342594	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	335858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	174262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	159036	50.152	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.300%		
35) Dibromofluoromethane	5.295	113	109531	50.681	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.360%		
50) Toluene-d8	7.903	98	440815	51.622	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.240%		
62) 4-Bromofluorobenzene	10.636	95	171932	48.769	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.540%		
Target Compounds						
					Qvalue	
67) Ethyl Benzene	9.575	91	12178	0.940	ug/l	94
68) m/p-Xylenes	9.694	106	23837	4.735	ug/l	97
69) o-Xylene	10.102	106	2116	0.424	ug/l	95
73) Isopropylbenzene	10.488	105	81642	6.291	ug/l	100
78) n-propylbenzene	10.909	91	185481	11.729	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	141800	12.473	ug/l	100
83) tert-Butylbenzene	11.424	119	10617	0.960	ug/l	94
84) 1,2,4-Trimethylbenzene	11.472	105	699638	62.206	ug/l	100
85) sec-Butylbenzene	11.645	105	53614	3.765	ug/l	100
89) n-Butylbenzene	12.211	91	37889	3.591	ug/l #	74
95) Naphthalene	14.092	128	4898	0.381	ug/l #	96

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

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EP-1-MW-5R-0921DL

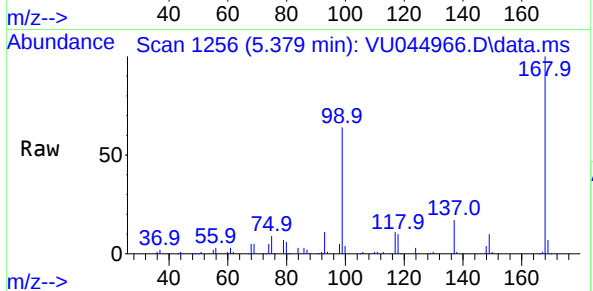
Quant Time: Sep 29 05:50:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
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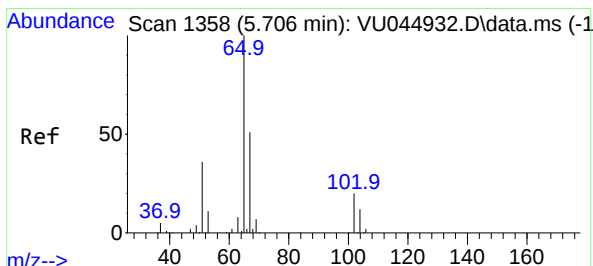
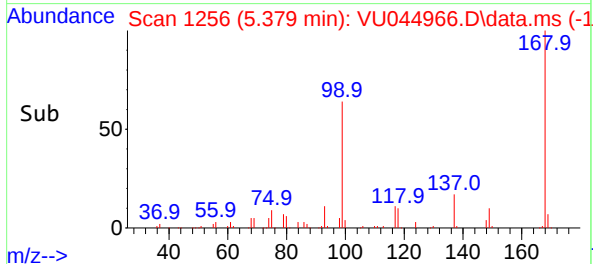
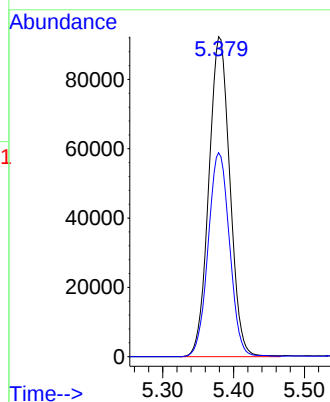


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU044966.D
Acq: 29 Sep 2021 01:45

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-5R-0921DL

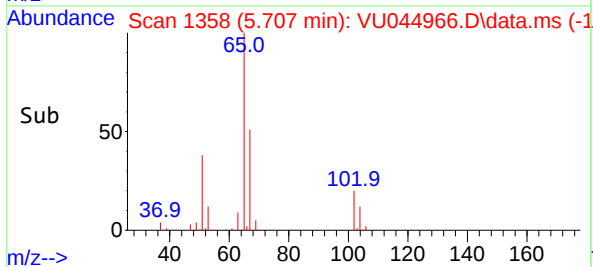
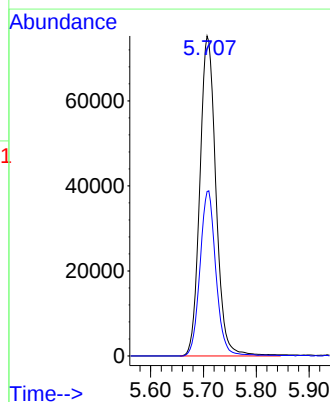
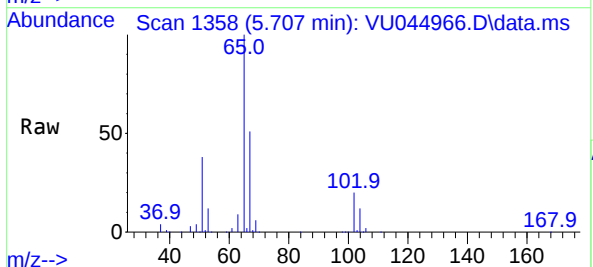


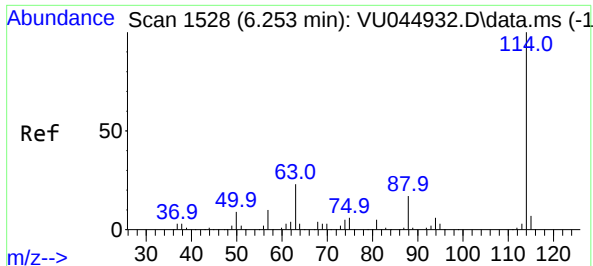
Tgt Ion:168 Resp: 190500
Ion Ratio Lower Upper
168 100
99 63.8 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 50.152 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.001 min
Lab File: VU044966.D
Acq: 29 Sep 2021 01:45

Tgt Ion: 65 Resp: 159036
Ion Ratio Lower Upper
65 100
67 50.8 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: VU044966.D

Acq: 29 Sep 2021 01:45

Instrument :

MSVOA_U

ClientSampleId :

EP-1-MW-5R-0921DL

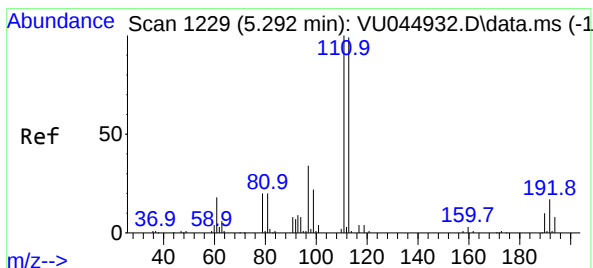
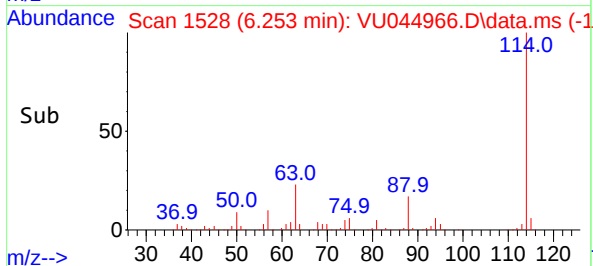
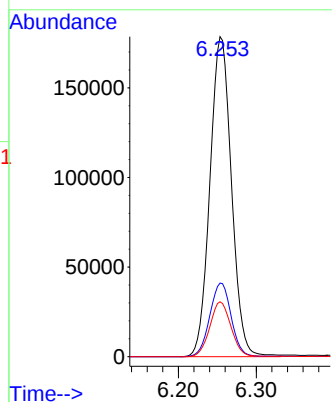
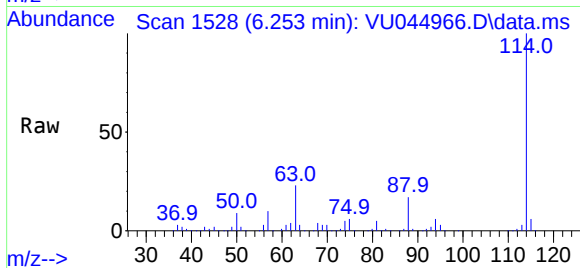
Tgt Ion:114 Resp: 342594

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.8

88 17.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.681 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU044966.D

Acq: 29 Sep 2021 01:45

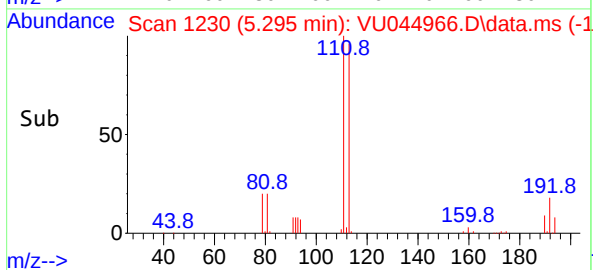
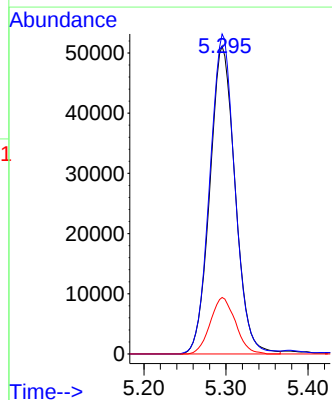
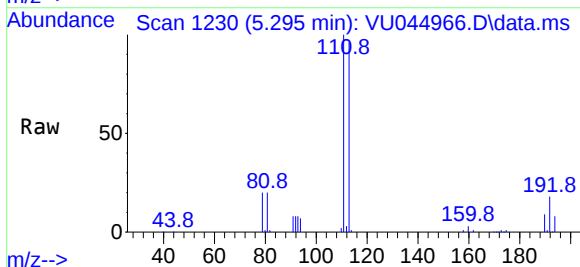
Tgt Ion:113 Resp: 109531

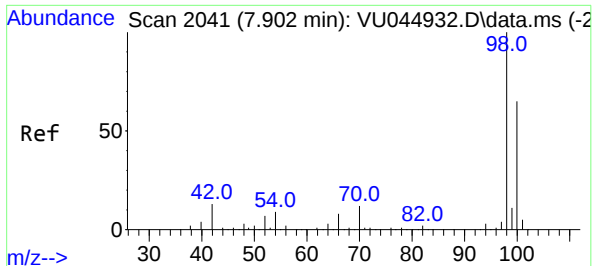
Ion Ratio Lower Upper

113 100

111 102.8 84.1 126.1

192 18.3 14.8 22.2

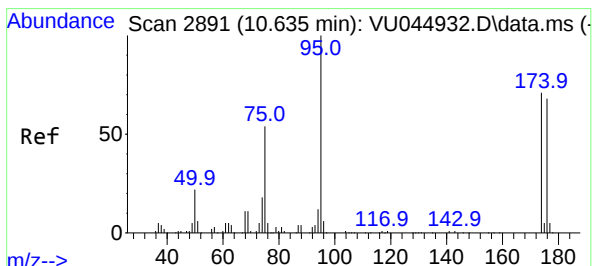
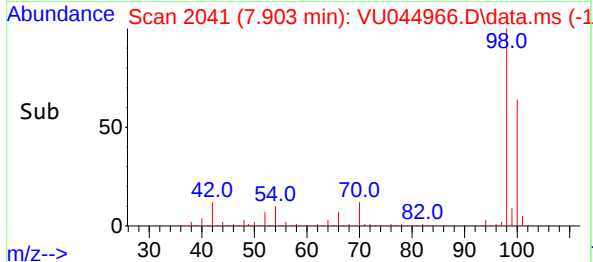
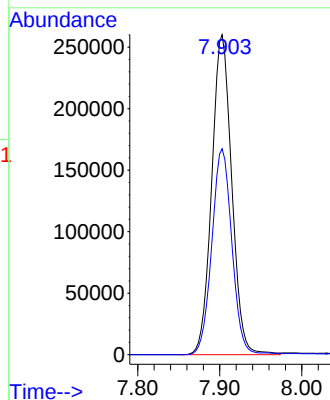
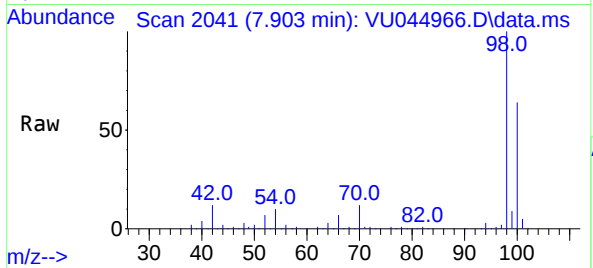




#50
Toluene-d8
Concen: 51.622 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU044966.D
Acq: 29 Sep 2021 01:45

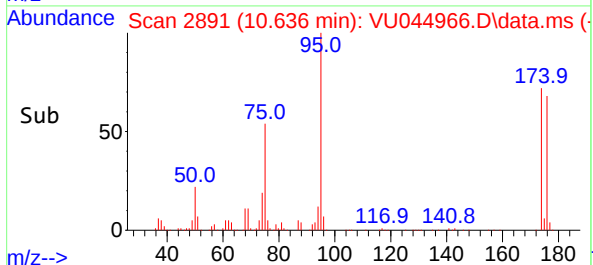
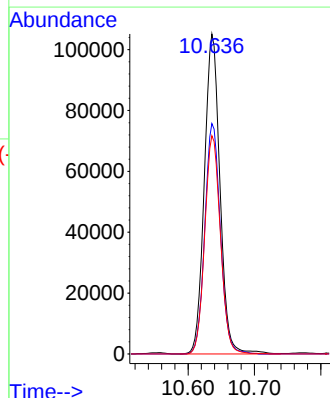
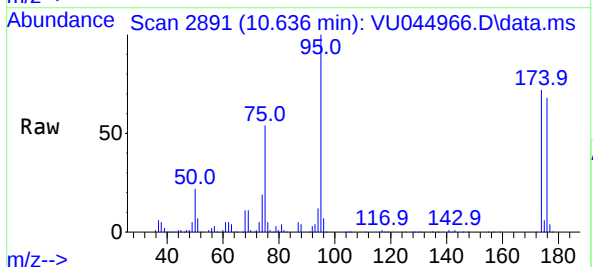
Instrument :
MSVOA_U
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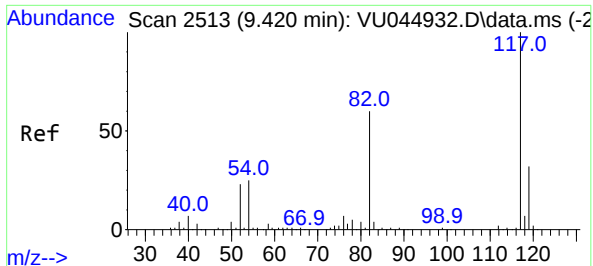
Tgt Ion: 98 Resp: 440815
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.769 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044966.D
Acq: 29 Sep 2021 01:45

Tgt Ion: 95 Resp: 171932
Ion Ratio Lower Upper
95 100
174 71.8 0.0 146.6
176 68.5 0.0 141.2

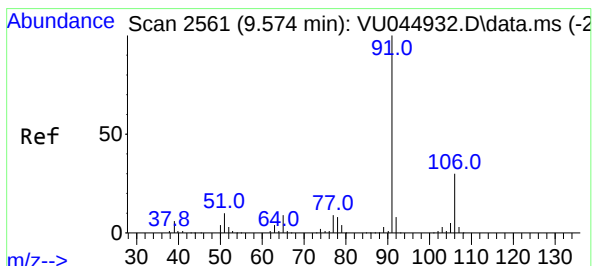
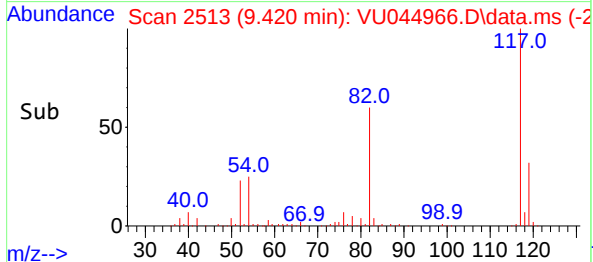
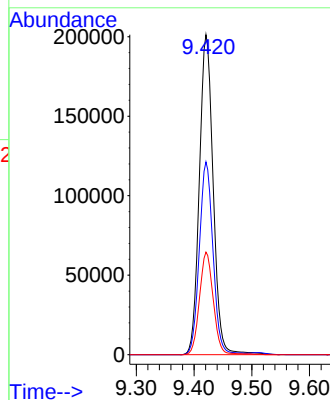
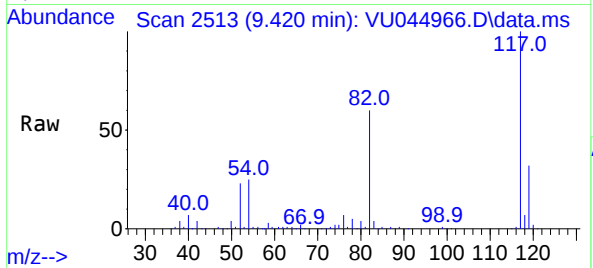




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044966.D
Acq: 29 Sep 2021 01:45

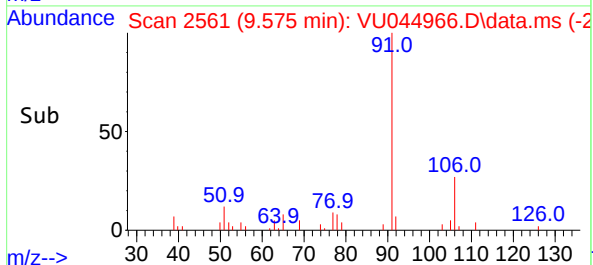
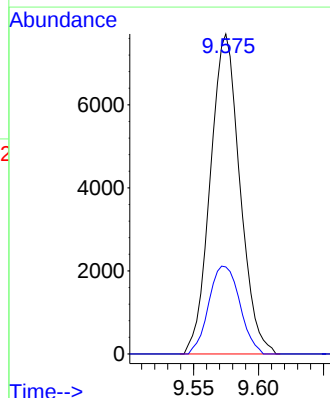
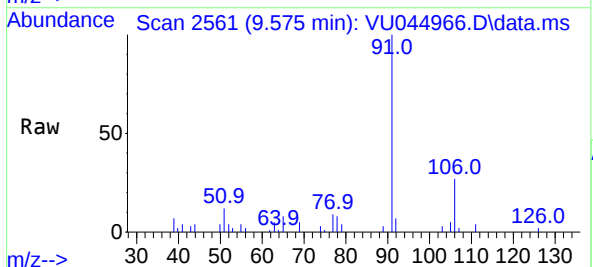
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-5R-0921DL

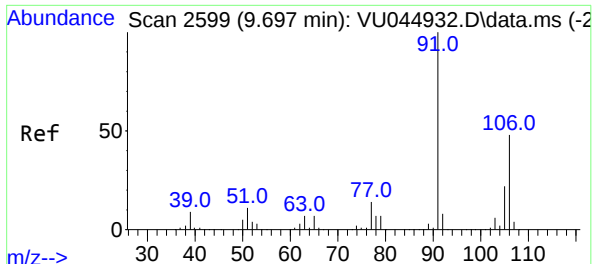
Tgt Ion:117 Resp: 335858
Ion Ratio Lower Upper
117 100
82 60.3 47.8 71.8
119 32.1 25.8 38.6



#67
Ethyl Benzene
Concen: 0.940 ug/l
RT: 9.575 min Scan# 2561
Delta R.T. 0.001 min
Lab File: VU044966.D
Acq: 29 Sep 2021 01:45

Tgt Ion: 91 Resp: 12178
Ion Ratio Lower Upper
91 100
106 27.2 24.3 36.5

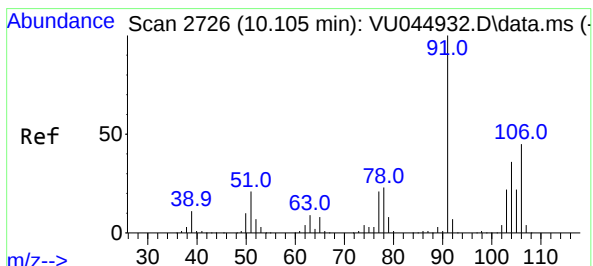
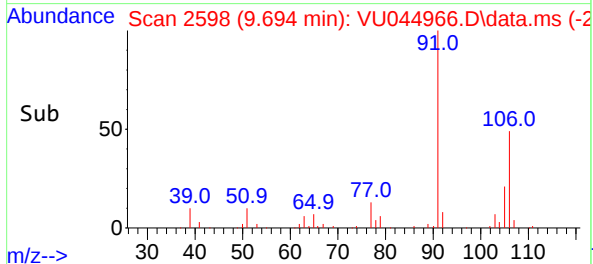
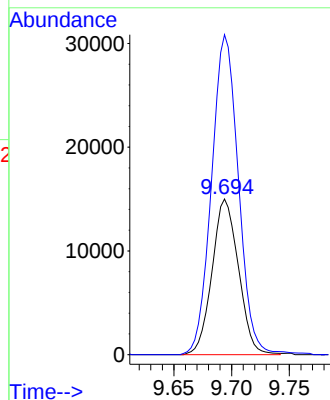
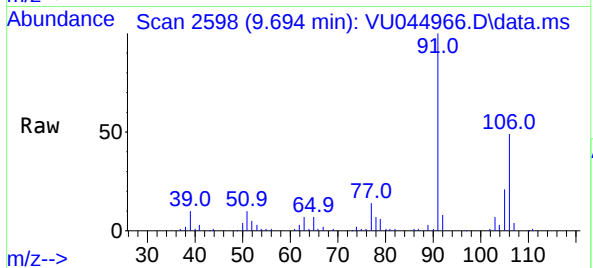




#68
m/p-Xylenes
Concen: 4.735 ug/l
RT: 9.694 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044966.D
Acq: 29 Sep 2021 01:45

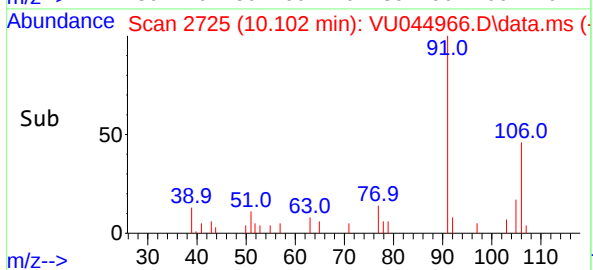
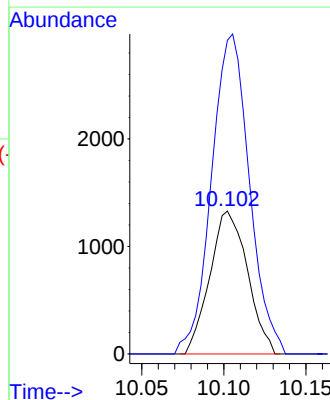
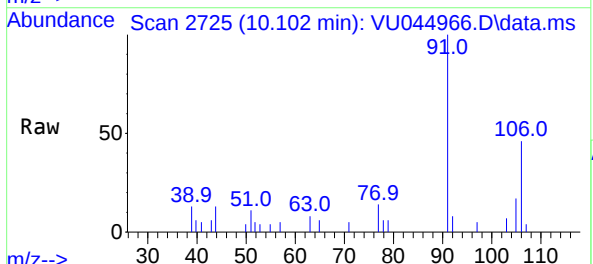
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ClientSampleId :
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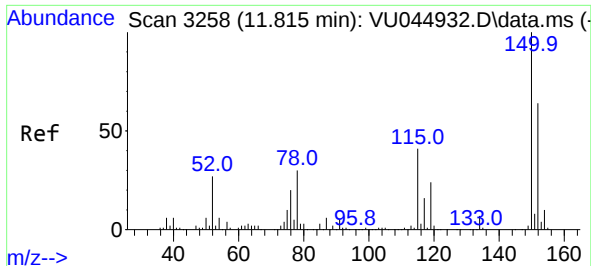
Tgt Ion:106 Resp: 23837
Ion Ratio Lower Upper
106 100
91 209.9 164.2 246.2



#69
o-Xylene
Concen: 0.424 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU044966.D
Acq: 29 Sep 2021 01:45

Tgt Ion:106 Resp: 2116
Ion Ratio Lower Upper
106 100
91 225.7 108.9 326.7

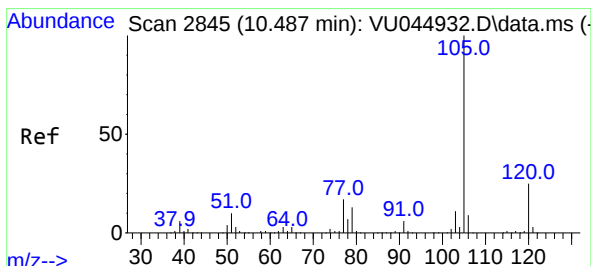
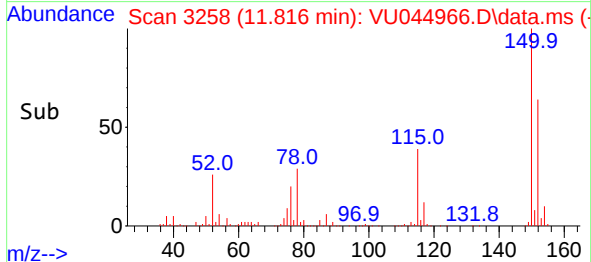
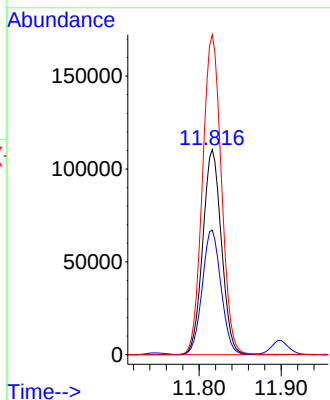
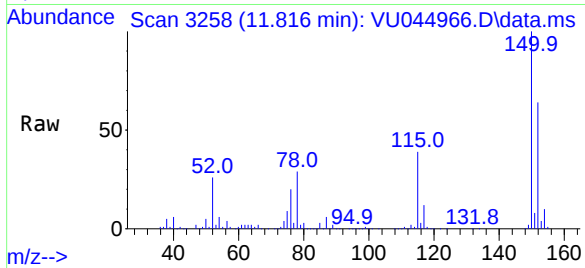




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 31
Delta R.T. 0.001 min
Lab File: VU044966.D
Acq: 29 Sep 2021 01:45

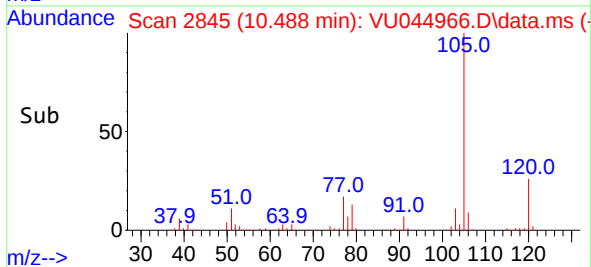
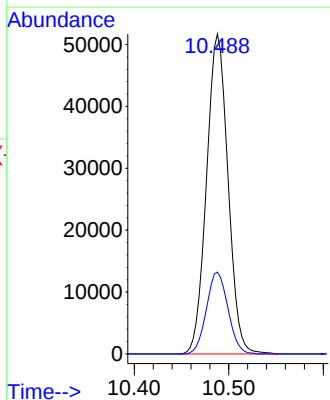
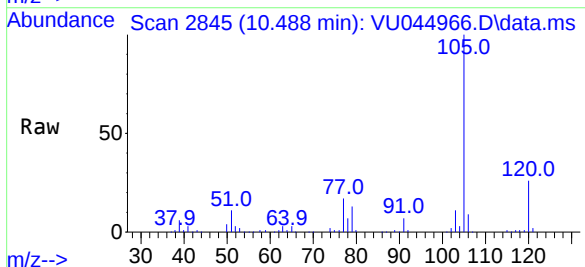
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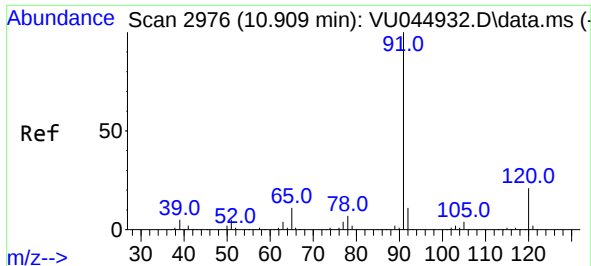
Tgt Ion:152 Resp: 174262
Ion Ratio Lower Upper
152 100
115 61.5 43.5 130.7
150 157.7 0.0 350.0



#73
Isopropylbenzene
Concen: 6.291 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU044966.D
Acq: 29 Sep 2021 01:45

Tgt Ion:105 Resp: 81642
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3

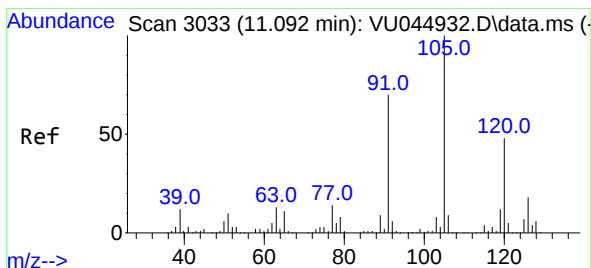
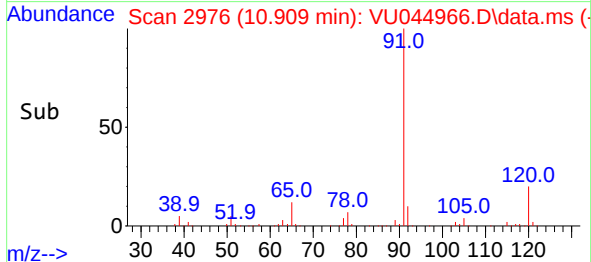
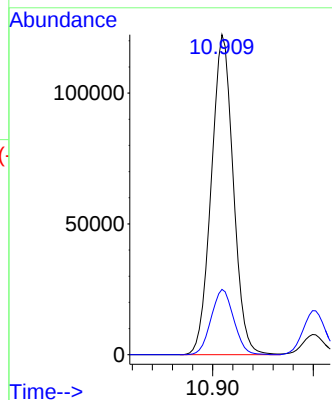
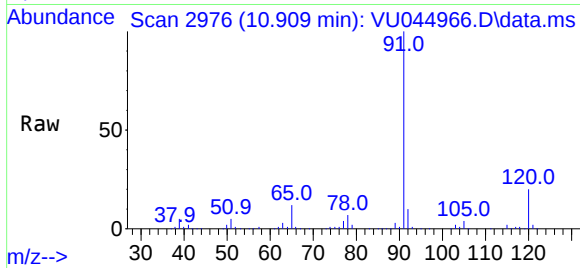




#78
n-propylbenzene
Concen: 11.729 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU044966.D
Acq: 29 Sep 2021 01:45

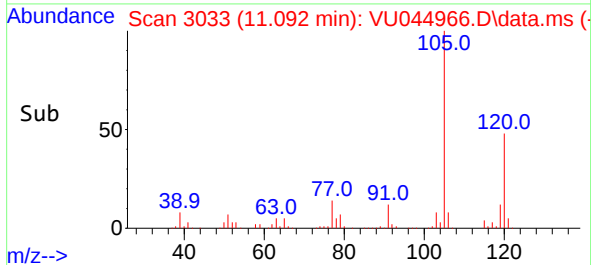
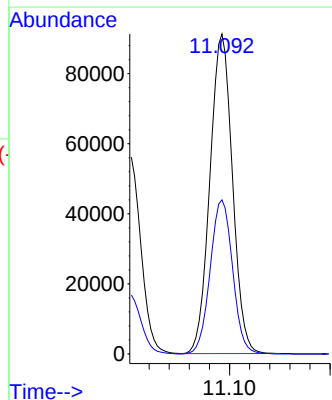
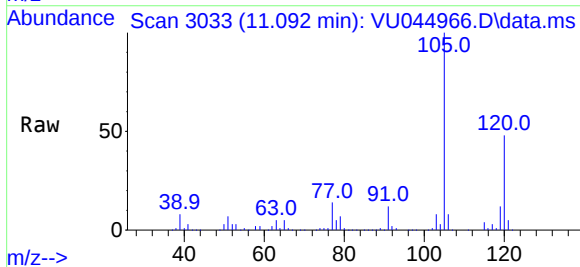
Instrument :
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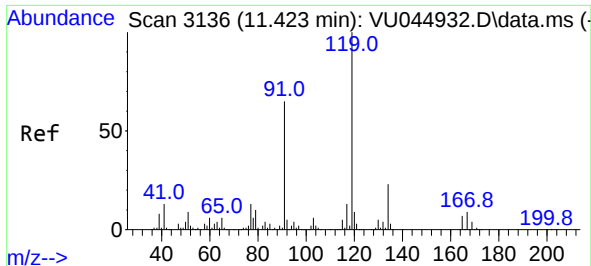
Tgt Ion: 91 Resp: 185481
Ion Ratio Lower Upper
91 100
120 20.9 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 12.473 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044966.D
Acq: 29 Sep 2021 01:45

Tgt Ion: 105 Resp: 141800
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.2

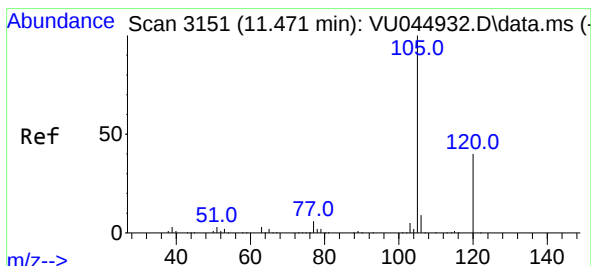
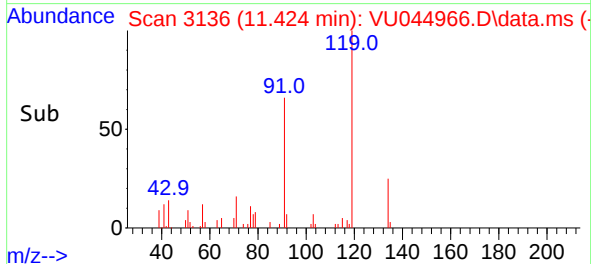
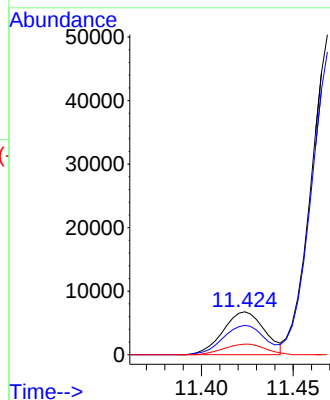
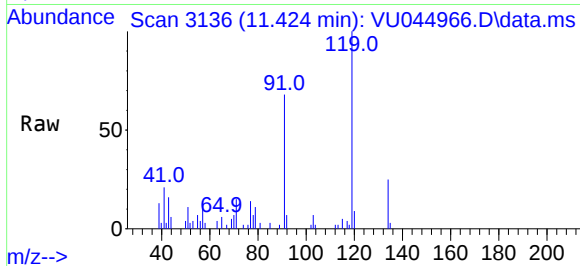




#83
tert-Butylbenzene
Concen: 0.960 ug/l
RT: 11.424 min Scan# 3136
Delta R.T. 0.001 min
Lab File: VU044966.D
Acq: 29 Sep 2021 01:45

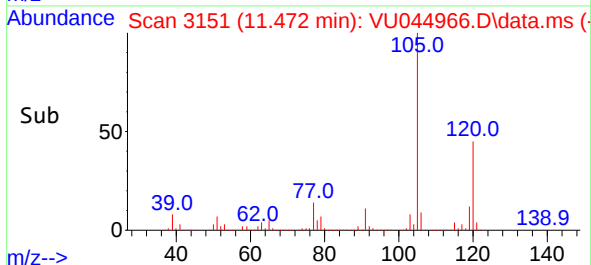
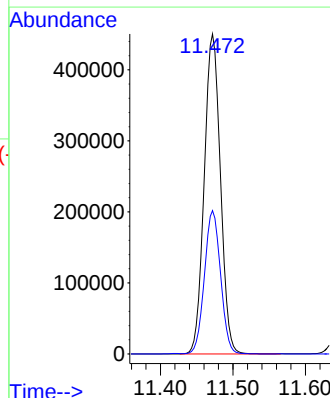
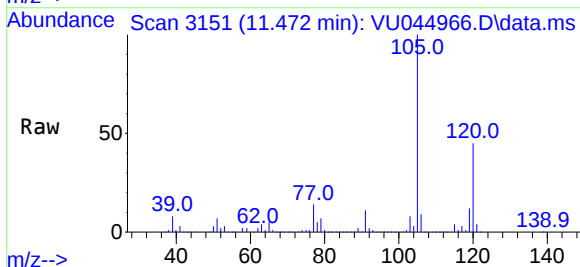
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-5R-0921DL

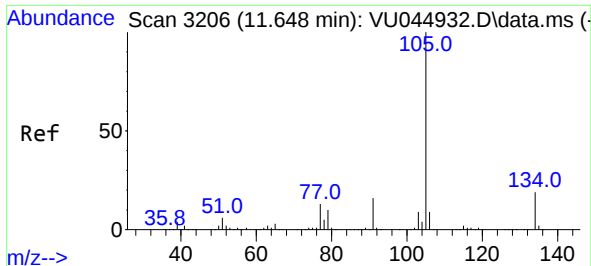
Tgt Ion:119 Resp: 10617
Ion Ratio Lower Upper
119 100
91 66.7 30.4 91.2
134 24.4 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 62.206 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VU044966.D
Acq: 29 Sep 2021 01:45

Tgt Ion:105 Resp: 699638
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3

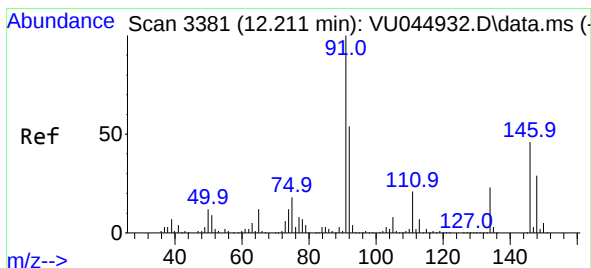
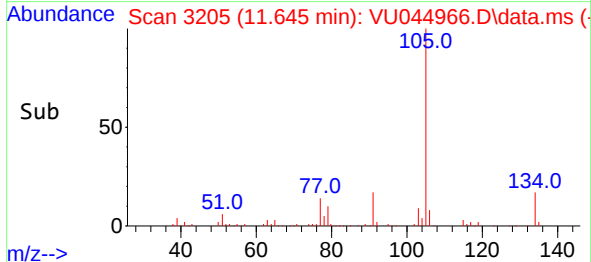
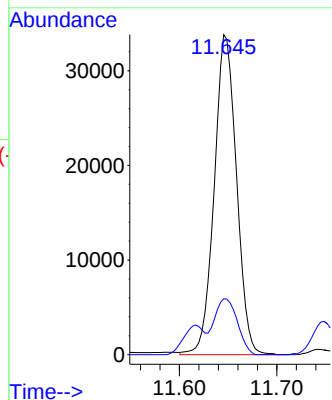
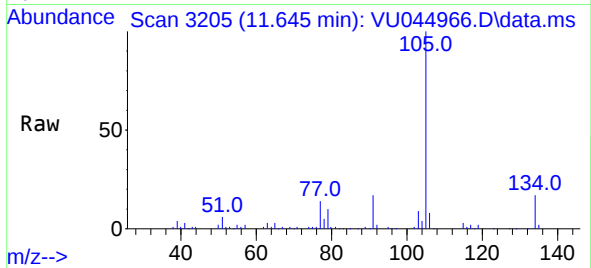




#85
 sec-Butylbenzene
 Concen: 3.765 ug/l
 RT: 11.645 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VU044966.D
 Acq: 29 Sep 2021 01:45

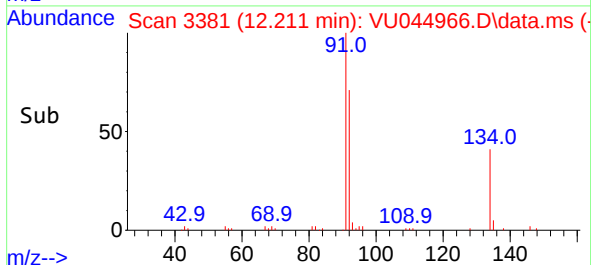
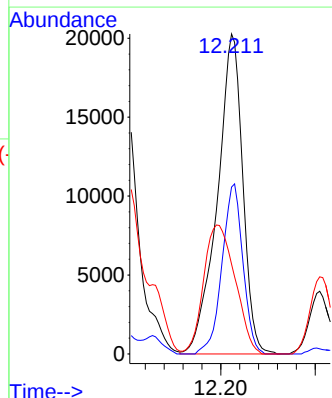
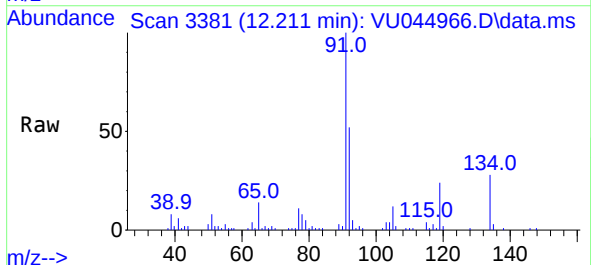
Instrument :
 MSVOA_U
 ClientSampleId :
 EP-1-MW-5R-0921DL

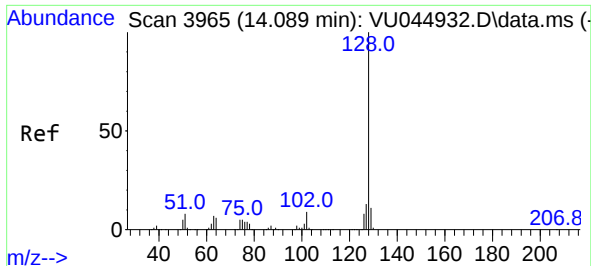
Tgt Ion:105 Resp: 53614
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.3 28.0



#89
 n-Butylbenzene
 Concen: 3.591 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU044966.D
 Acq: 29 Sep 2021 01:45

Tgt Ion: 91 Resp: 37889
 Ion Ratio Lower Upper
 91 100
 92 43.6 26.8 80.4
 134 49.7 11.8 35.4#





#95

Naphthalene

Concen: 0.381 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.003 min

Lab File: VU044966.D

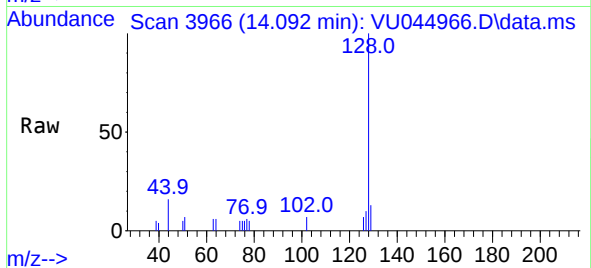
Acq: 29 Sep 2021 01:45

Instrument :

MSVOA_U

ClientSampleId :

EP-1-MW-5R-0921DL



Tgt Ion:128 Resp: 4898

Ion Ratio Lower Upper

128 100

127 10.1 10.4 15.6#

129 10.9 8.6 13.0

