

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045008.D
 Acq On : 29 Sep 2021 21:10
 Operator : SY/MD
 Sample : M3926-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-1-MW-1-0921

Quant Time: Sep 30 04:34:31 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)

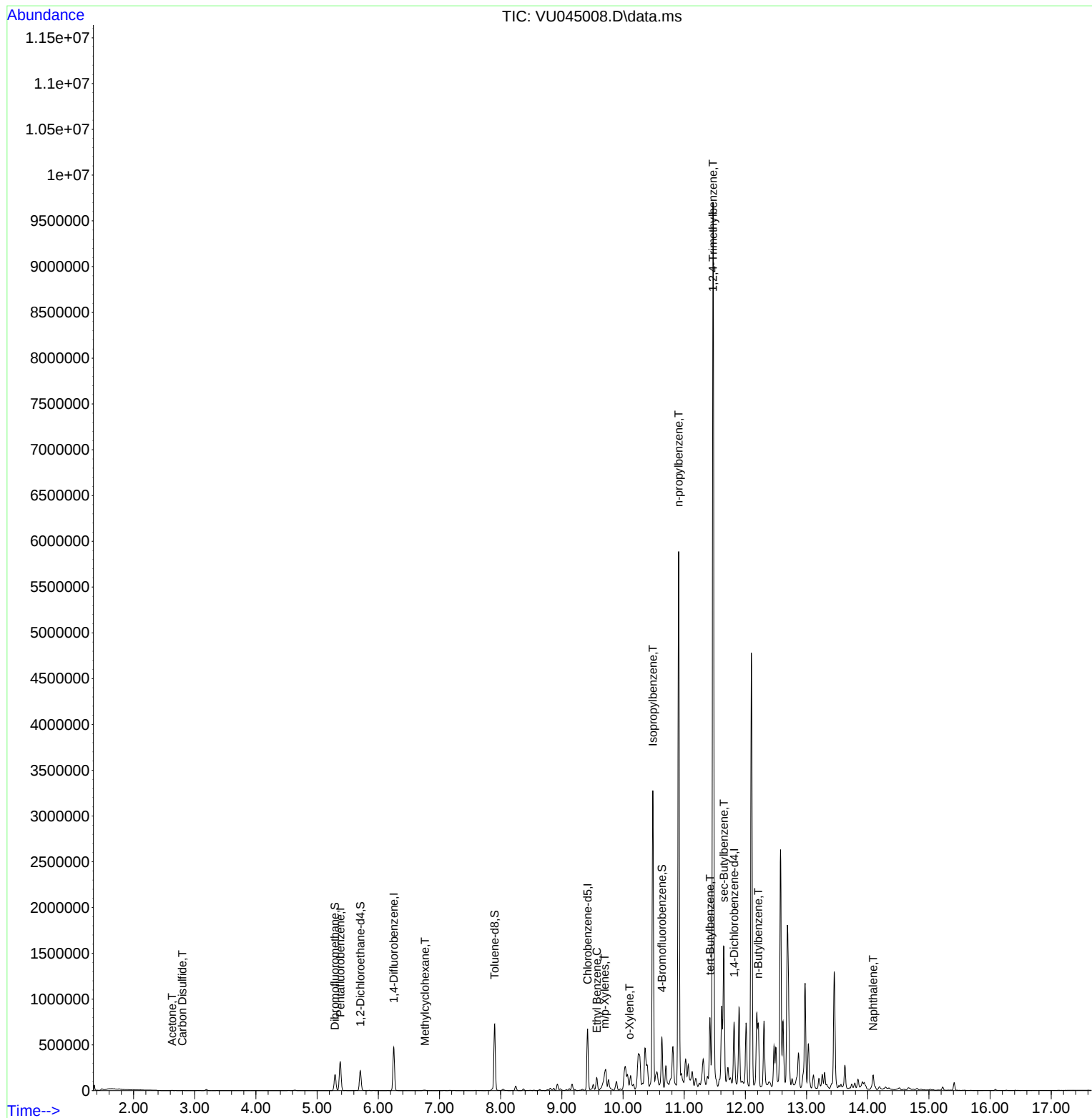
Internal Standards						
1) Pentafluorobenzene	5.379	168	206529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	369036	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	341398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	160255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	162797	47.353	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.700%		
35) Dibromofluoromethane	5.292	113	113179	48.616	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.240%		
50) Toluene-d8	7.903	98	464270	50.473	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.940%		
62) 4-Bromofluorobenzene	10.636	95	175763	46.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.560%		
Target Compounds						
					Qvalue	
16) Acetone	2.630	43	3896	1.909	ug/l	97
17) Carbon Disulfide	2.797	76	4198	0.581	ug/l	96
39) Methylcyclohexane	6.764	83	2899	0.612	ug/l	98
67) Ethyl Benzene	9.571	91	60276	4.576	ug/l	97
68) m/p-Xylenes	9.700	106	19068	3.726	ug/l	98
69) o-Xylene	10.105	106	4060	0.799	ug/l	71
73) Isopropylbenzene	10.488	105	2031281	170.209	ug/l	100
78) n-propylbenzene	10.909	91	4382104	301.318	ug/l	100
83) tert-Butylbenzene	11.423	119	197271	19.399	ug/l	89
84) 1,2,4-Trimethylbenzene	11.472	105	5033396	486.646	ug/l	99
85) sec-Butylbenzene	11.648	105	918326	70.125	ug/l	99
89) n-Butylbenzene	12.211	91	378802	39.042	ug/l #	79
95) Naphthalene	14.089	128	119929	10.143	ug/l	97

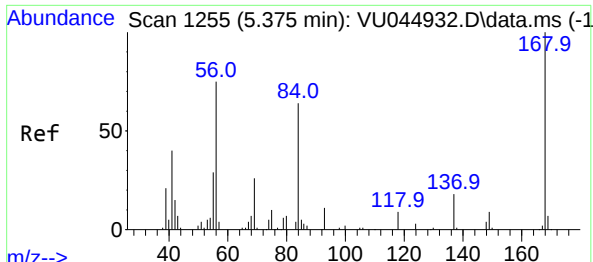
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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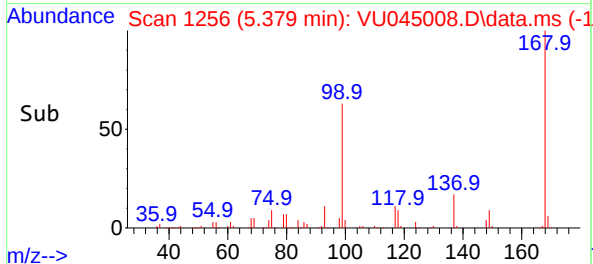
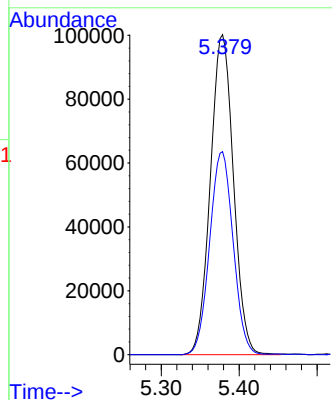
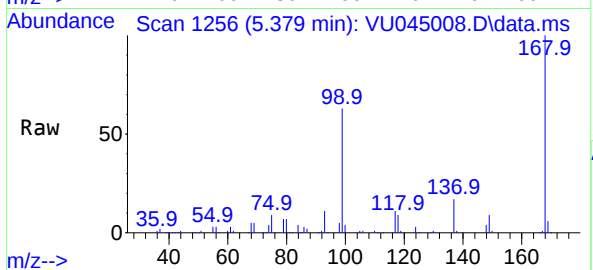




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.004 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

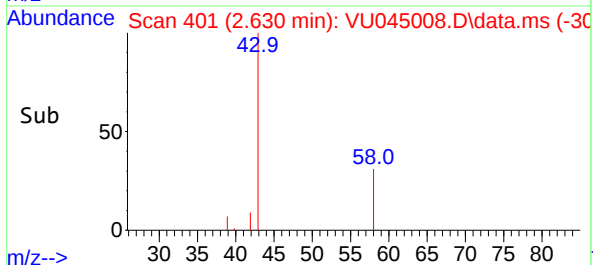
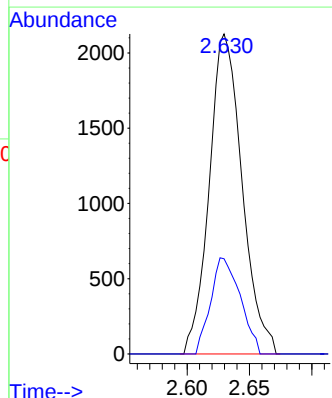
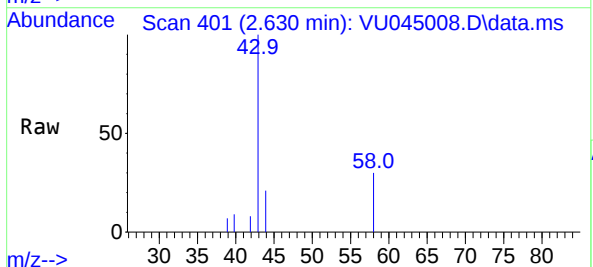
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921

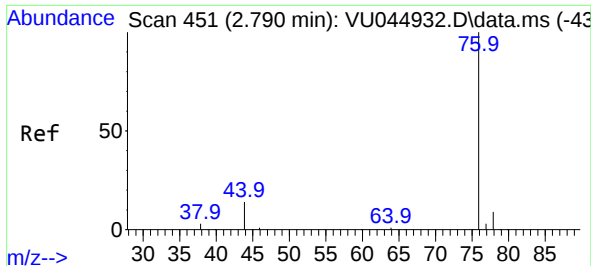
Tgt Ion:168 Resp: 206529
Ion Ratio Lower Upper
168 100
99 63.5 51.4 77.0



#16
Acetone
Concen: 1.909 ug/l
RT: 2.630 min Scan# 401
Delta R.T. -0.002 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

Tgt Ion: 43 Resp: 3896
Ion Ratio Lower Upper
43 100
58 29.7 25.2 37.8

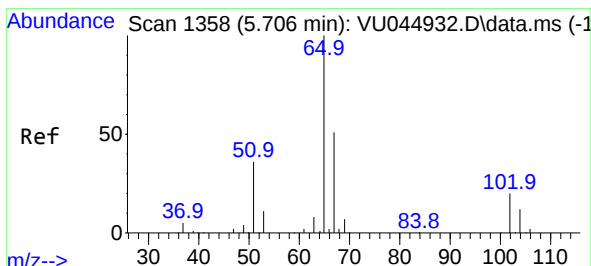
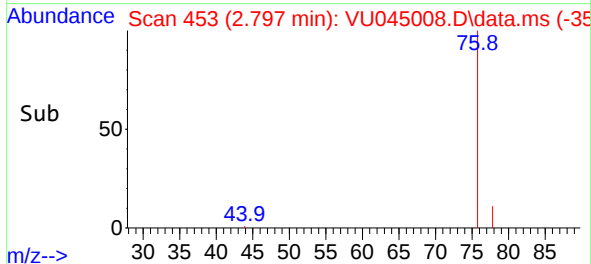
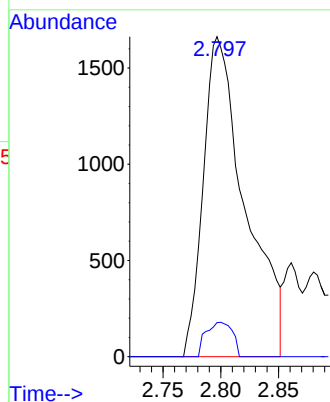
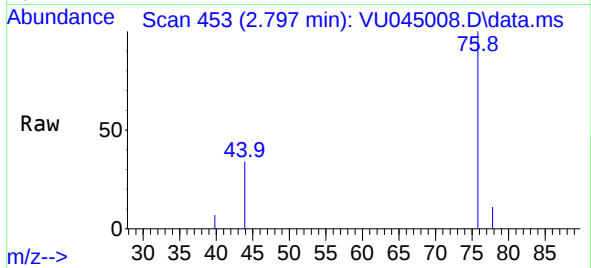




#17
Carbon Disulfide
Concen: 0.581 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.007 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

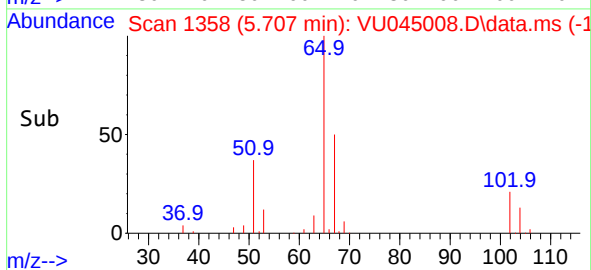
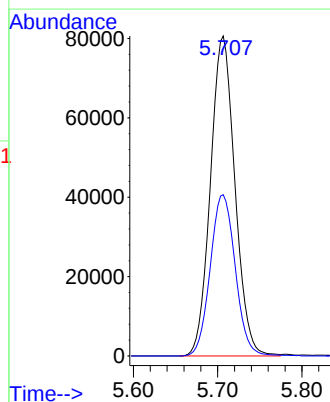
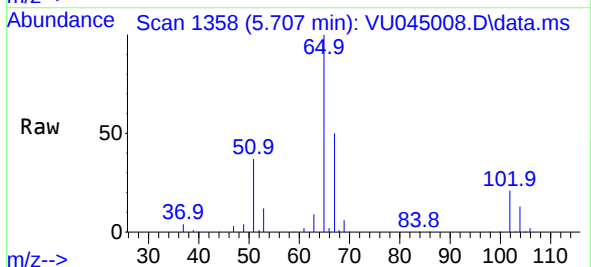
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921

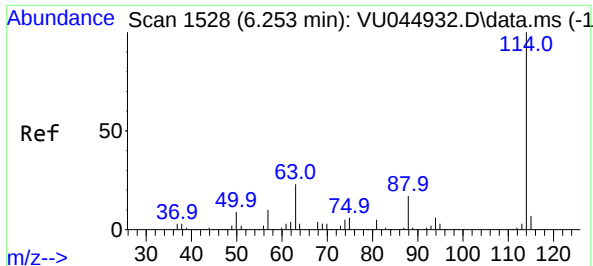
Tgt Ion: 76 Resp: 4198
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 47.353 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.001 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

Tgt Ion: 65 Resp: 162797
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8

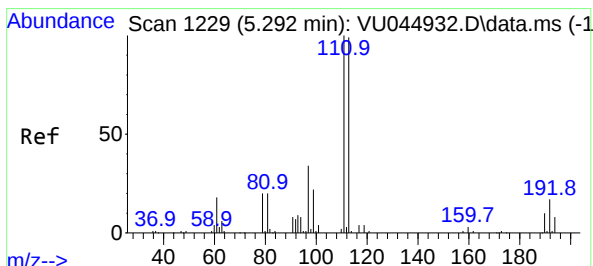
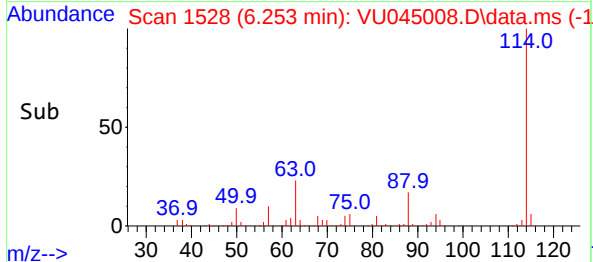
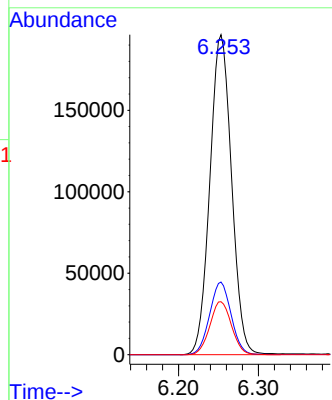
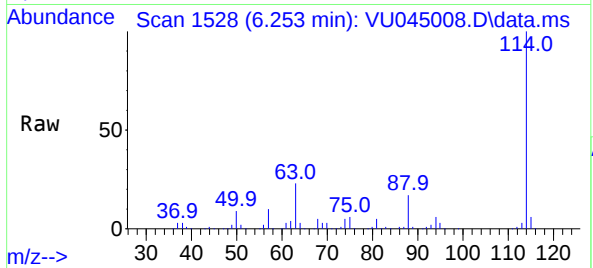




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

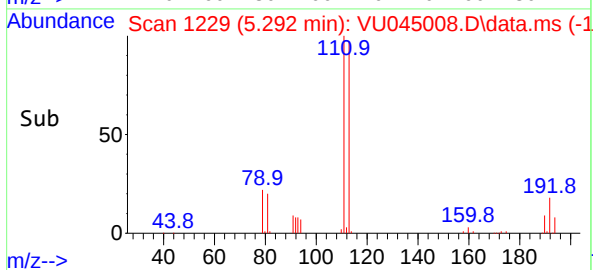
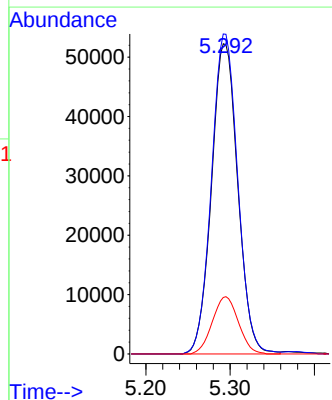
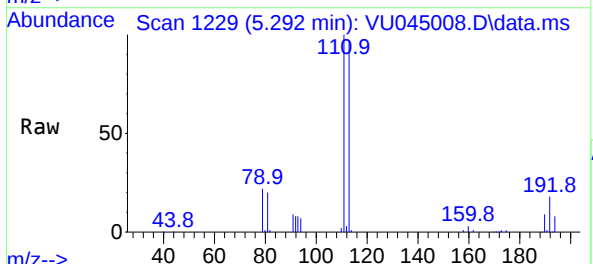
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921

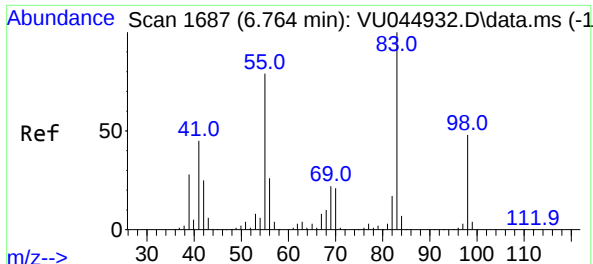
Tgt Ion:	114	Resp:	369036
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	47.8
88	16.6	0.0	32.8



#35
Dibromofluoromethane
Concen: 48.616 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

Tgt Ion:	113	Resp:	113179
Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.1	126.1
192	18.3	14.8	22.2





#39

Methylcyclohexane

Concen: 0.612 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU045008.D

Acq: 29 Sep 2021 21:10

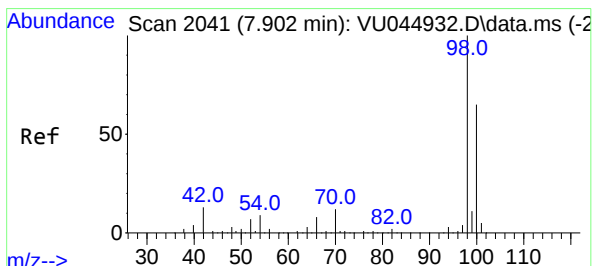
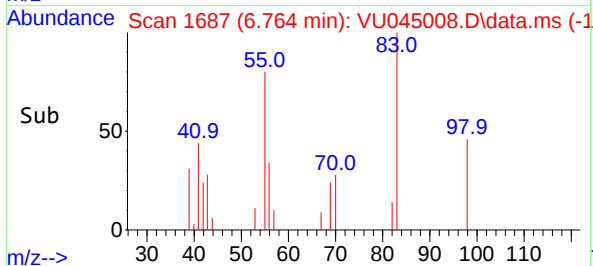
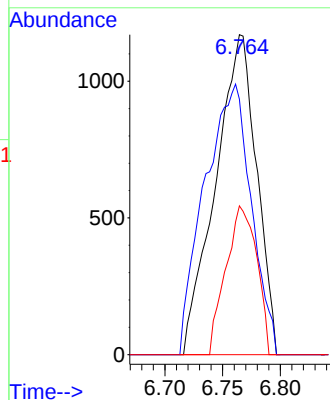
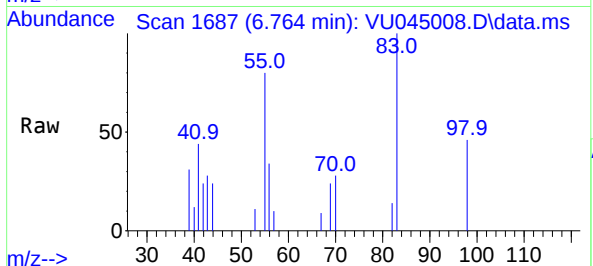
Tgt Ion: 83 Resp: 2899

Ion Ratio Lower Upper

83 100

55 79.8 66.2 99.4

98 46.5 37.5 56.3



#50

Toluene-d8

Concen: 50.473 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.001 min

Lab File: VU045008.D

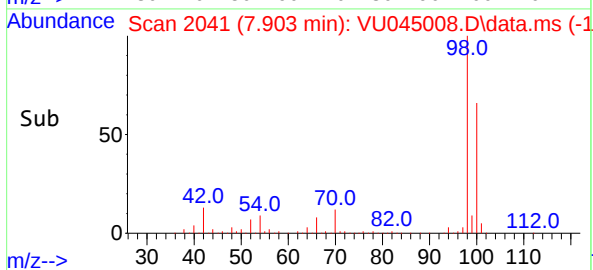
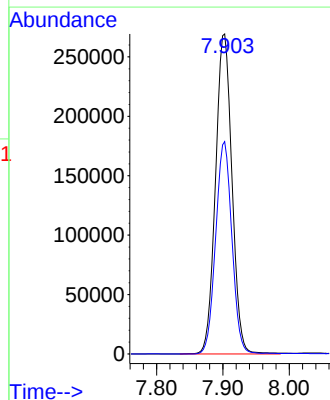
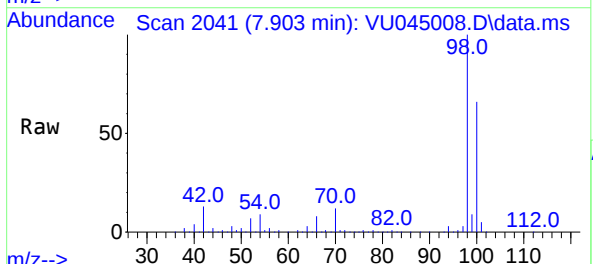
Acq: 29 Sep 2021 21:10

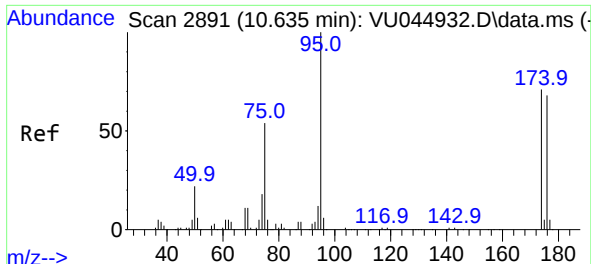
Tgt Ion: 98 Resp: 464270

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7

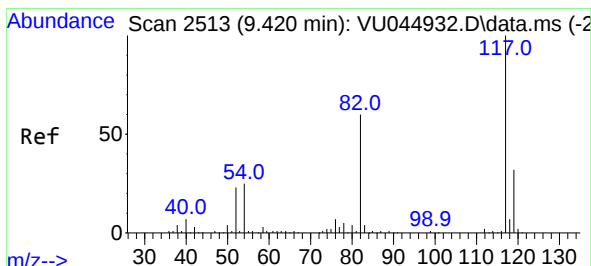
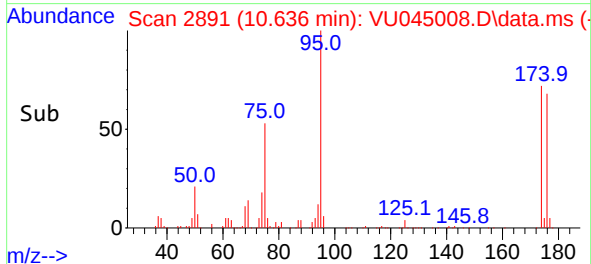
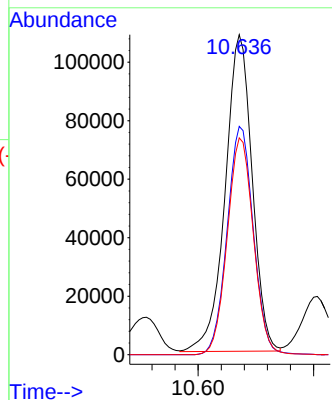
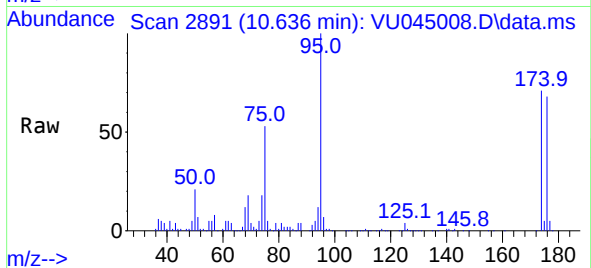




#62
4-Bromofluorobenzene
Concen: 46.283 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

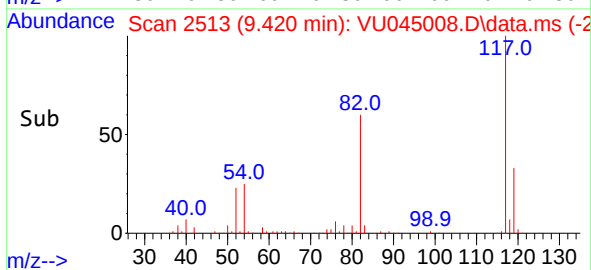
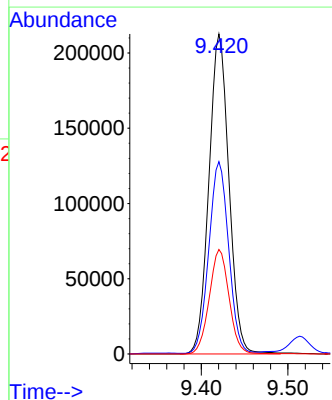
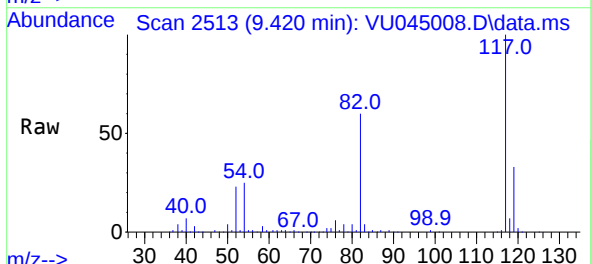
Instrument :
MSVOA_U
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EP-1-MW-1-0921

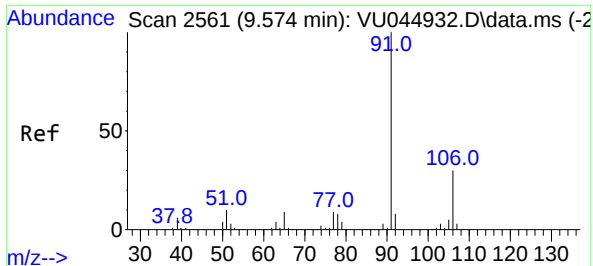
Tgt Ion: 95 Resp: 175763
Ion Ratio Lower Upper
95 100
174 70.0 0.0 146.6
176 66.5 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

Tgt Ion: 117 Resp: 341398
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 32.6 25.8 38.6





#67

Ethyl Benzene

Concen: 4.576 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.003 min

Lab File: VU045008.D

Acq: 29 Sep 2021 21:10

Tgt Ion: 91 Resp: 60276

Ion Ratio Lower Upper

91 100

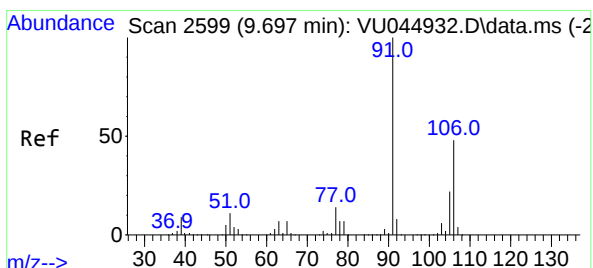
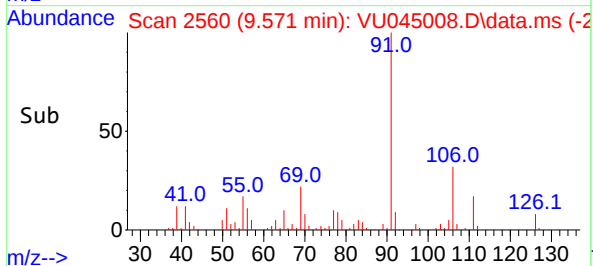
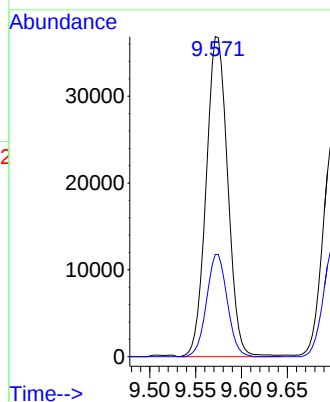
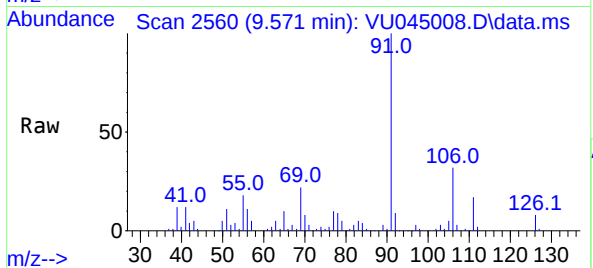
106 31.9 24.3 36.5

Instrument :

MSVOA_U

ClientSampleId :

EP-1-MW-1-0921



#68

m/p-Xylenes

Concen: 3.726 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. 0.003 min

Lab File: VU045008.D

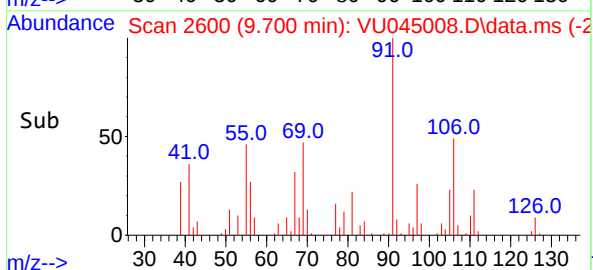
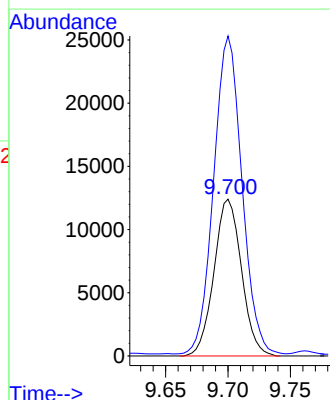
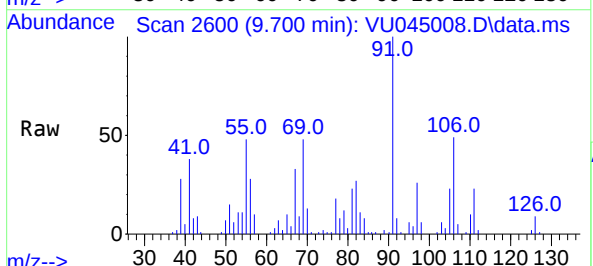
Acq: 29 Sep 2021 21:10

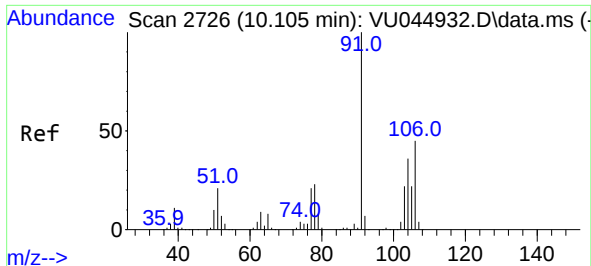
Tgt Ion: 106 Resp: 19068

Ion Ratio Lower Upper

106 100

91 208.6 164.2 246.2

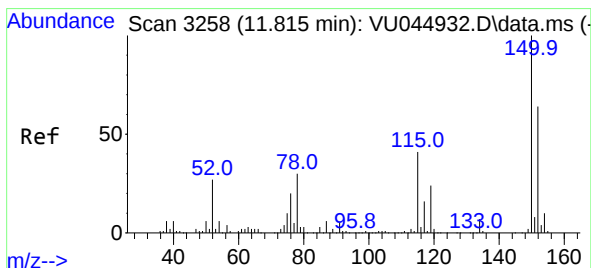
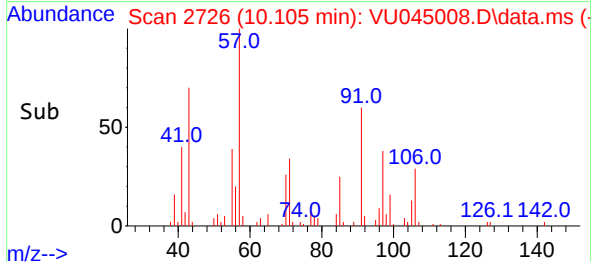
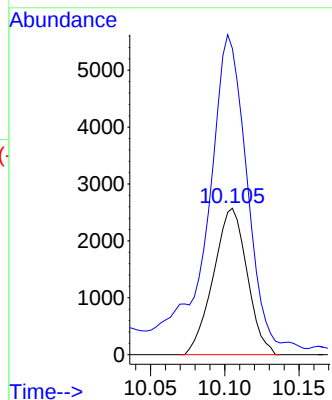
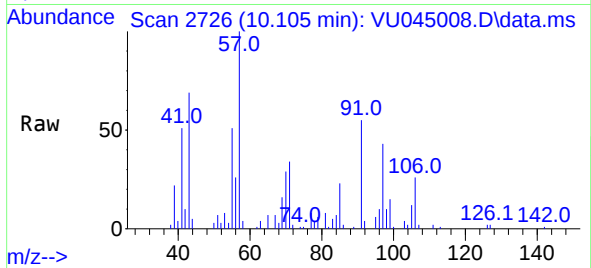




#69
o-Xylene
Concen: 0.799 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

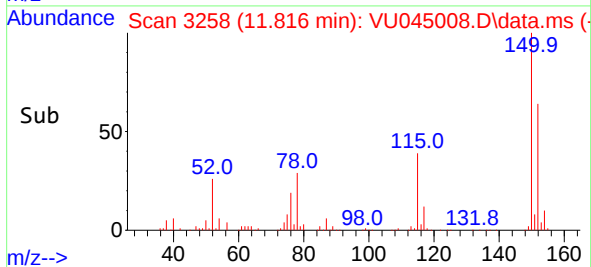
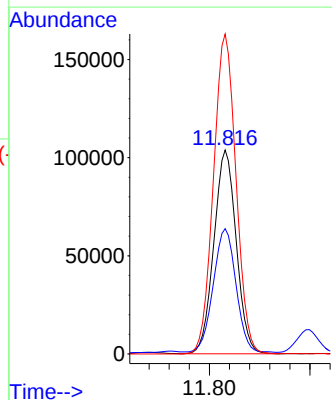
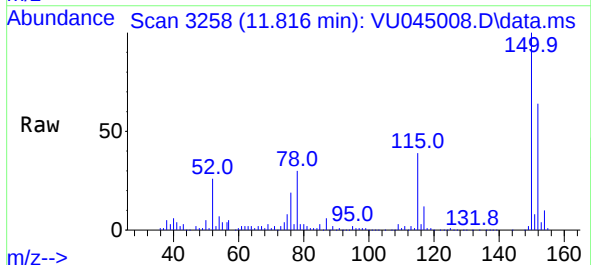
Instrument :
MSVOA_U
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EP-1-MW-1-0921

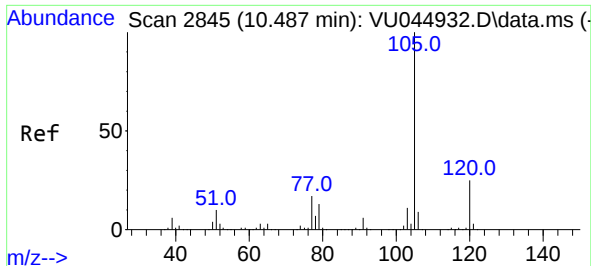
Tgt Ion:106 Resp: 4060
Ion Ratio Lower Upper
106 100
91 263.9 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

Tgt Ion:152 Resp: 160255
Ion Ratio Lower Upper
152 100
115 61.7 43.5 130.7
150 158.3 0.0 350.0

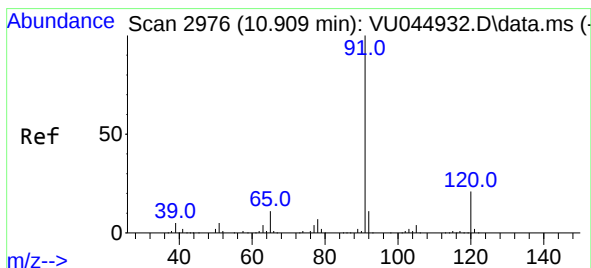
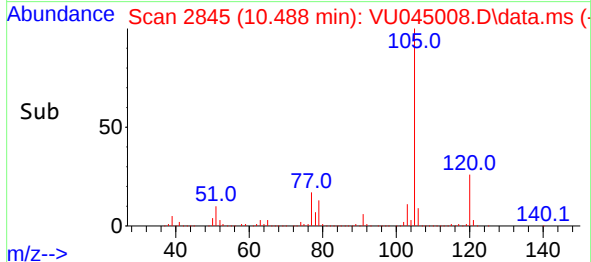
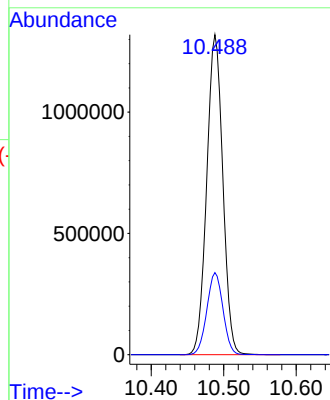
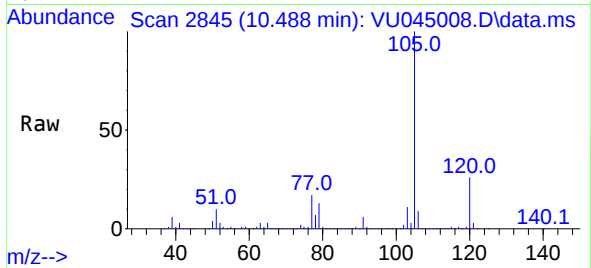




#73
Isopropylbenzene
Concen: 170.209 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

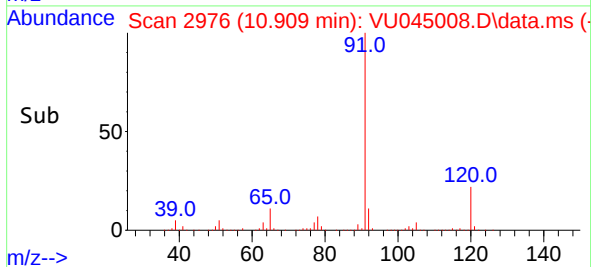
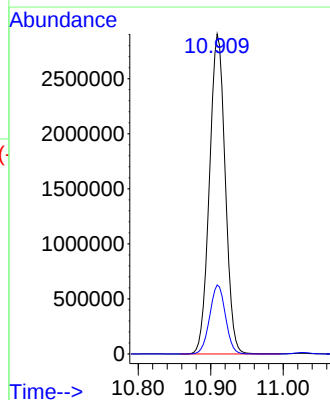
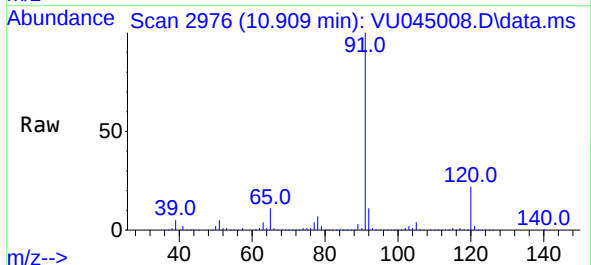
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921

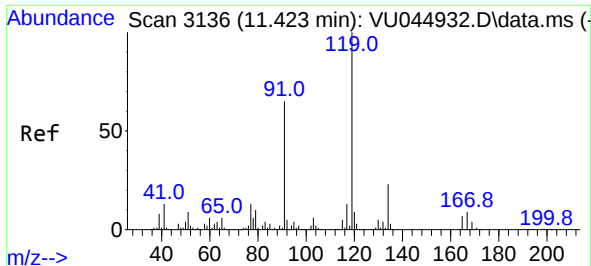
Tgt Ion:105 Resp: 2031281
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.3



#78
n-propylbenzene
Concen: 301.318 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

Tgt Ion: 91 Resp: 4382104
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4

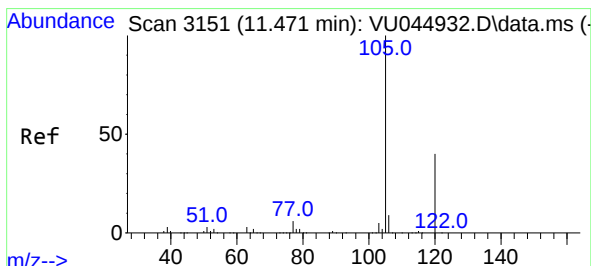
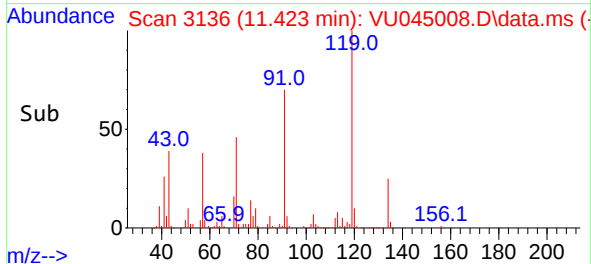
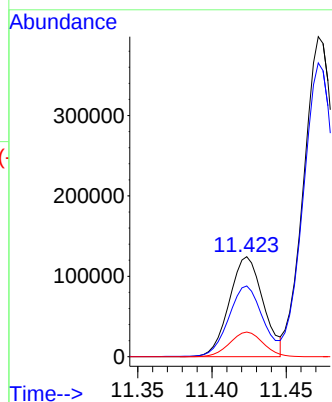
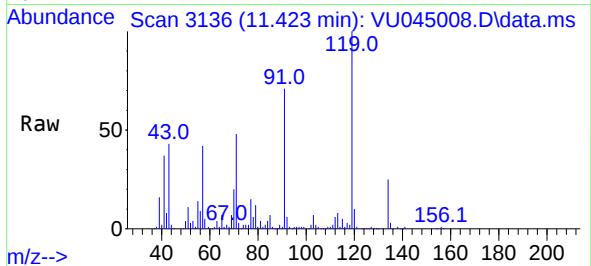




#83
tert-Butylbenzene
Concen: 19.399 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

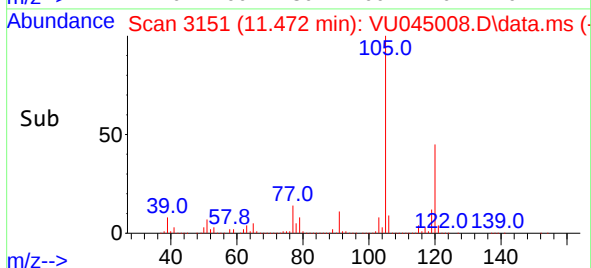
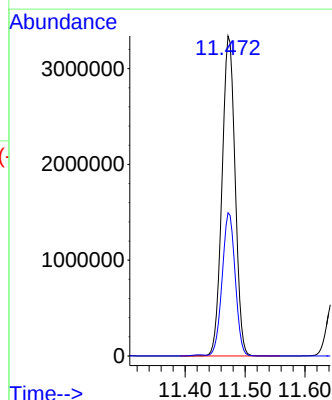
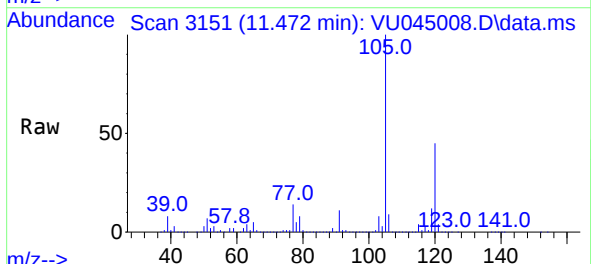
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921

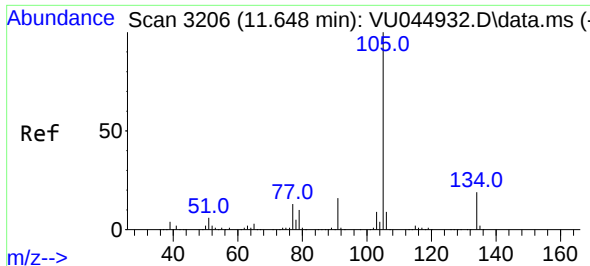
Tgt Ion:119 Resp: 197271
Ion Ratio Lower Upper
119 100
91 71.4 30.4 91.2
134 24.3 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 486.646 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

Tgt Ion:105 Resp: 5033396
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3

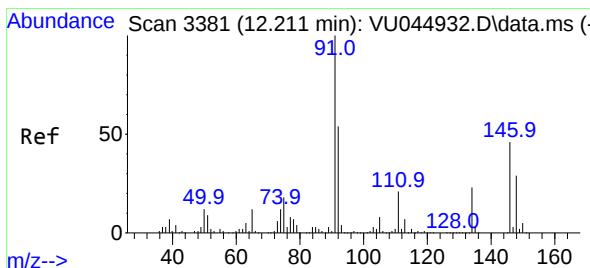
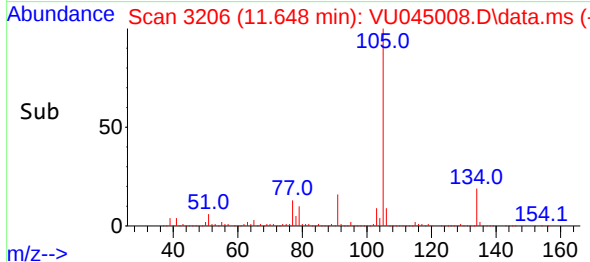
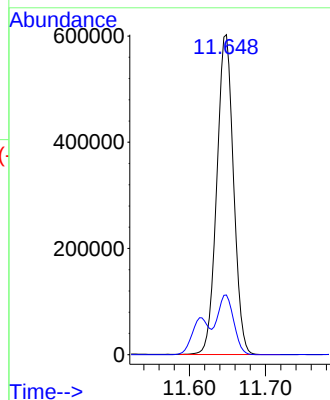
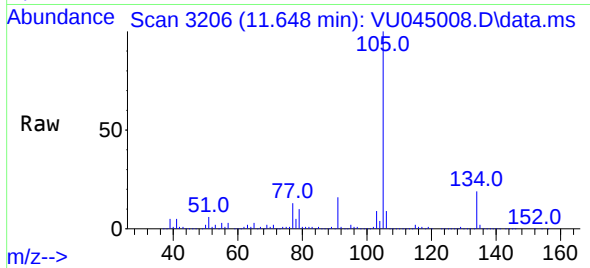




#85
sec-Butylbenzene
Concen: 70.125 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. 0.000 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

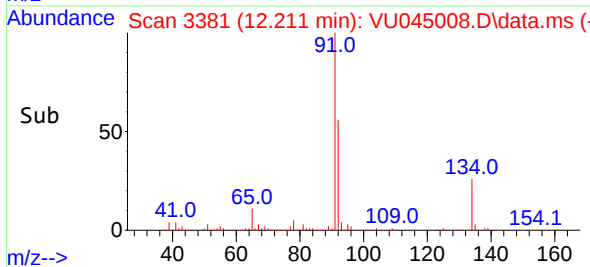
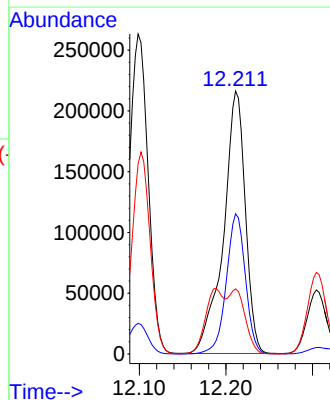
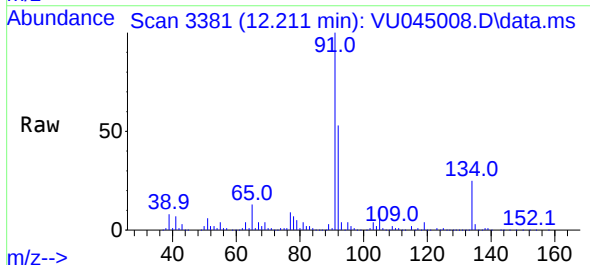
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921

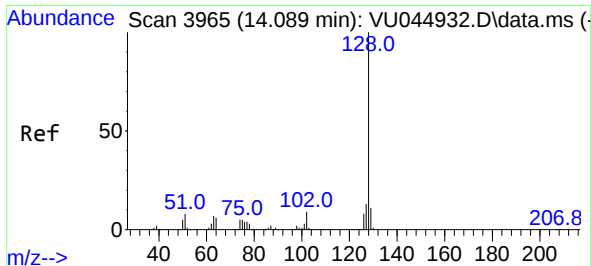
Tgt Ion:105 Resp: 918326
Ion Ratio Lower Upper
105 100
134 18.3 9.3 28.0



#89
n-Butylbenzene
Concen: 39.042 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

Tgt Ion: 91 Resp: 378802
Ion Ratio Lower Upper
91 100
92 46.8 26.8 80.4
134 0.0 11.8 35.4#





#95
Naphthalene
Concen: 10.143 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045008.D
Acq: 29 Sep 2021 21:10

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-1-0921

Tgt Ion:128 Resp: 119929
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 12.6 8.6 13.0

