

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042864.D
 Acq On : 31 Mar 2021 17:49
 Operator : SY/MD
 Sample : M1836-14
 Misc : 11.71g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B6-10-12

Quant Time: Apr 01 04:44:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

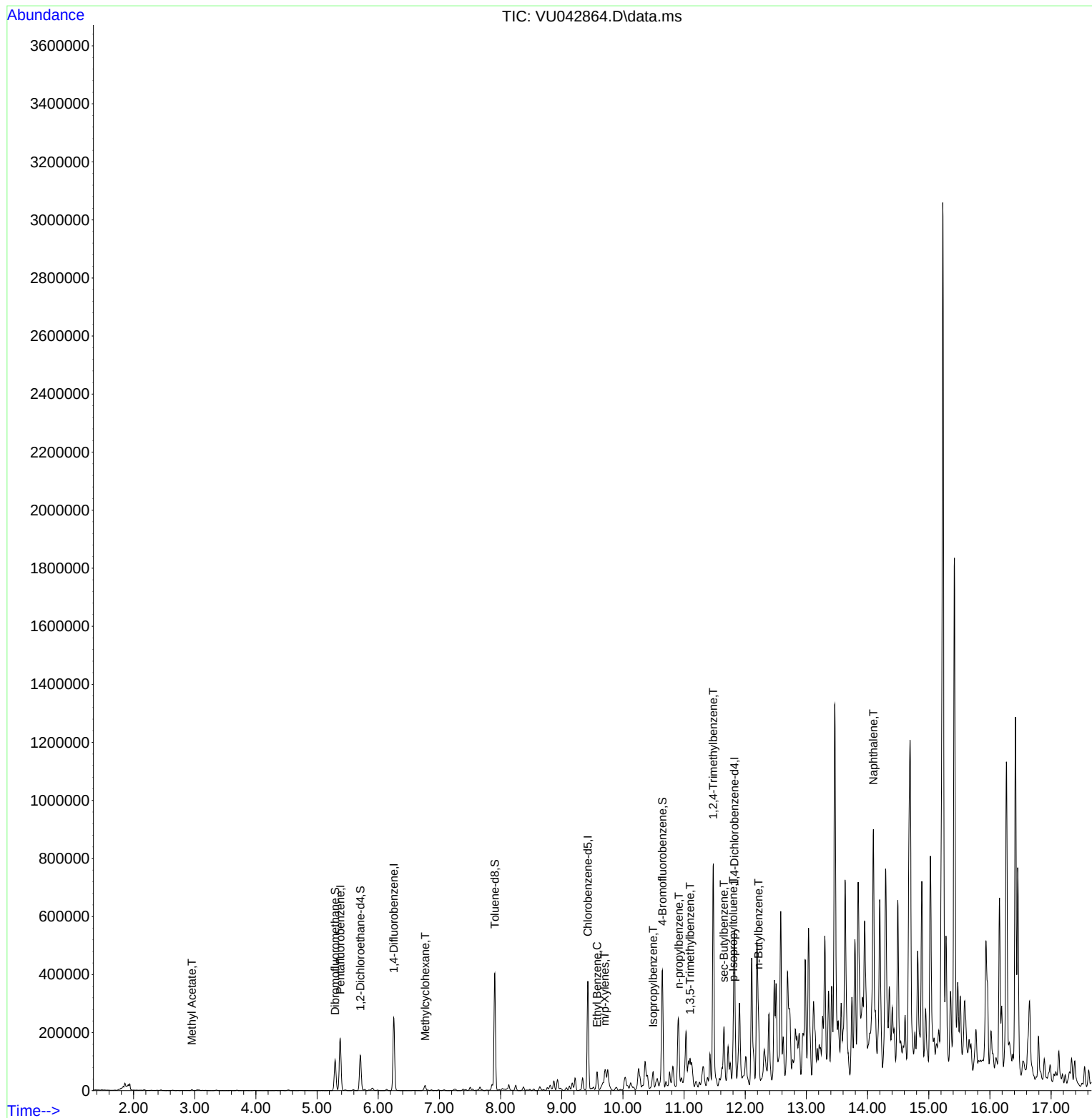
Internal Standards						
1) Pentafluorobenzene	5.378	168	119261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	191241	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	199615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	120382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	93918	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
35) Dibromofluoromethane	5.295	113	63860	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
50) Toluene-d8	7.906	98	244277	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	10.645	95	110976	56.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.74%	
Target Compounds						Qvalue
18) Methyl Acetate	2.951	43	4296	1.97	ug/l	94
39) Methylcyclohexane	6.767	83	6610	3.05	ug/l	90
67) Ethyl Benzene	9.578	91	36070	4.96	ug/l	99
68) m/p-Xylenes	9.703	106	13677	5.10	ug/l	98
73) Isopropylbenzene	10.494	105	33573	4.41	ug/l	99
78) n-propylbenzene	10.915	91	87735	9.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.098	105	39544	5.98	ug/l	99
84) 1,2,4-Trimethylbenzene	11.478	105	381696	57.18	ug/l	98
85) sec-Butylbenzene	11.651	105	95883	12.81	ug/l	100
86) p-Isopropyltoluene	11.803	119	54434	7.95	ug/l	98
89) n-Butylbenzene	12.217	91	116346	18.00	ug/l #	74
95) Naphthalene	14.095	128	626856	75.42	ug/l	98

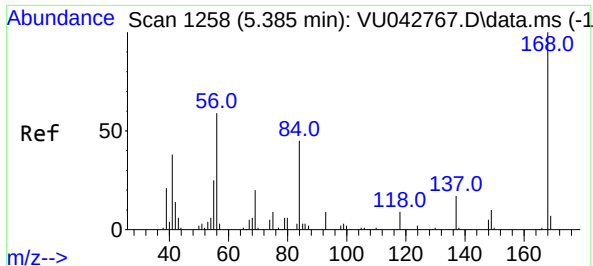
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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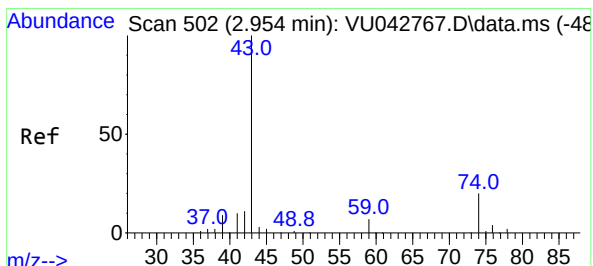
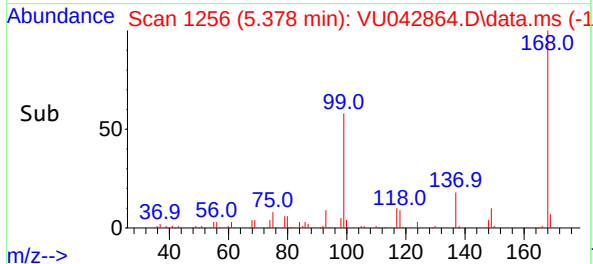
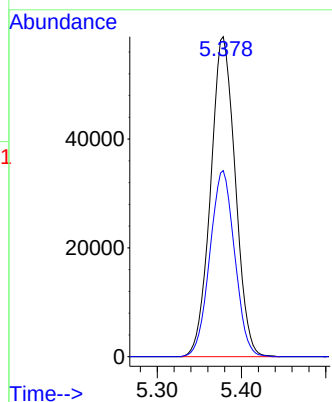
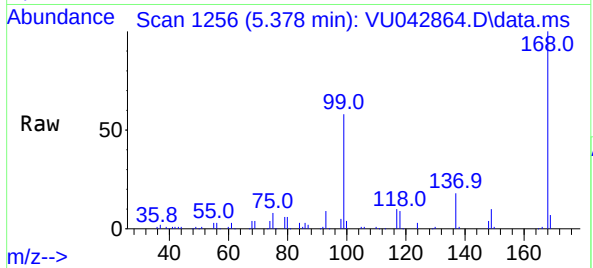




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.007 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

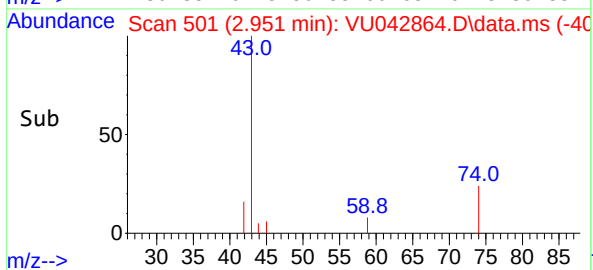
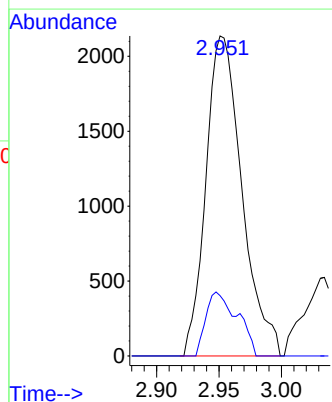
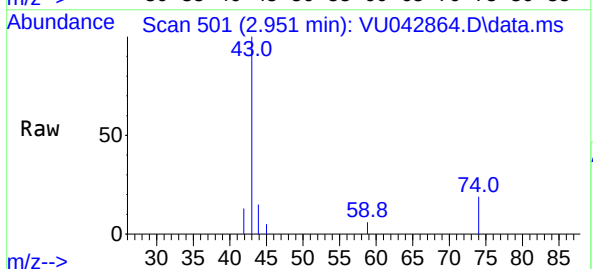
Instrument :
MSVOA_U
ClientSampleId :
B6-10-12

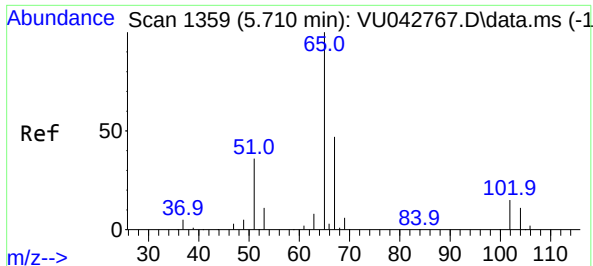
Tgt Ion:168 Resp: 119261
Ion Ratio Lower Upper
168 100
99 58.1 46.4 69.6



#18
Methyl Acetate
Concen: 1.97 ug/l
RT: 2.951 min Scan# 501
Delta R.T. -0.004 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

Tgt Ion: 43 Resp: 4296
Ion Ratio Lower Upper
43 100
74 17.4 16.2 24.4



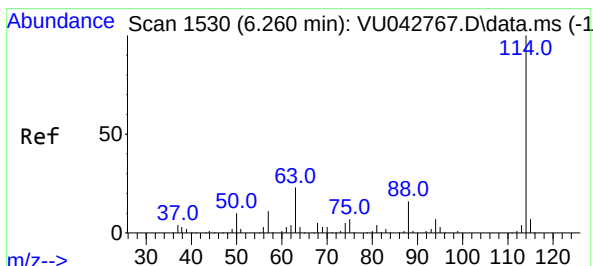
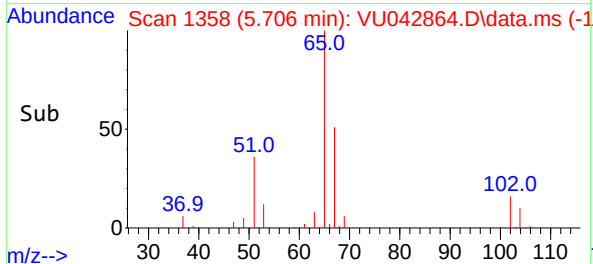
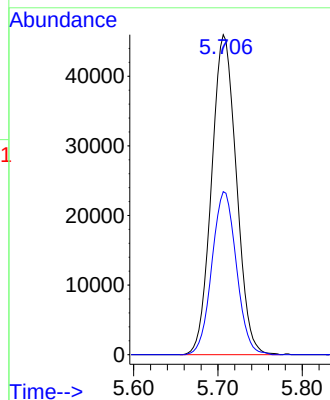
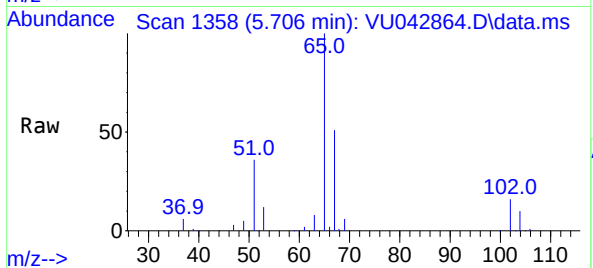


#33

1,2-Dichloroethane-d4
Concen: 49.40 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.004 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

Instrument :
MSVOA_U
ClientSampled :
B6-10-12

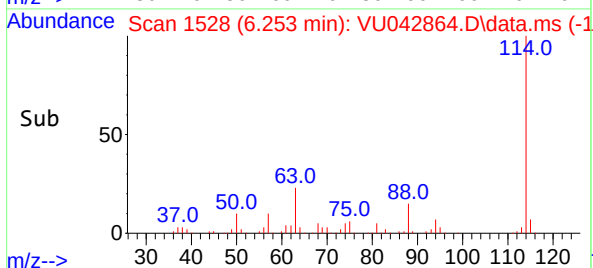
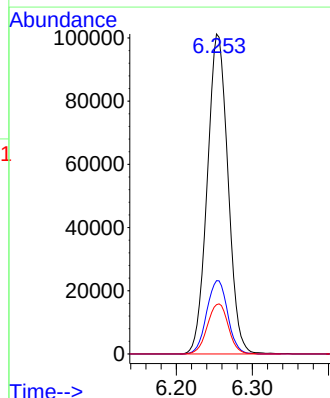
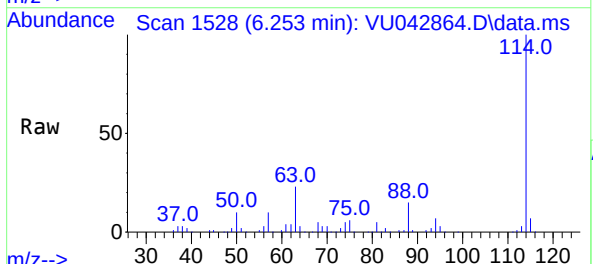
Tgt Ion: 65 Resp: 93918
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.8

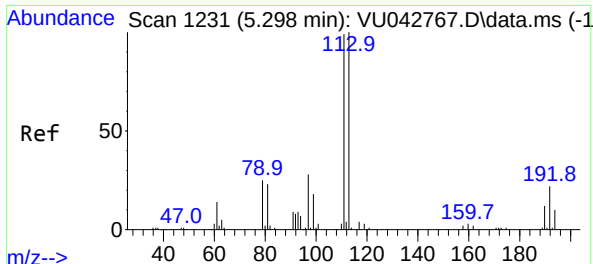


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.007 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

Tgt Ion: 114 Resp: 191241
Ion Ratio Lower Upper
114 100
63 22.9 0.0 46.8
88 15.4 0.0 32.2



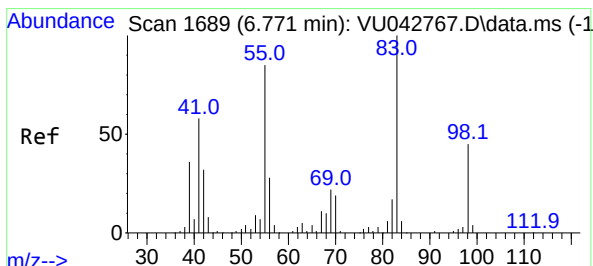
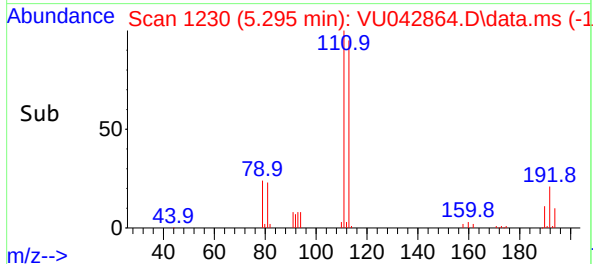
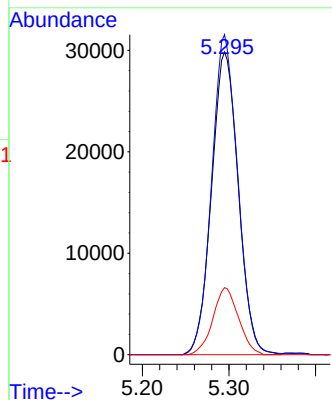
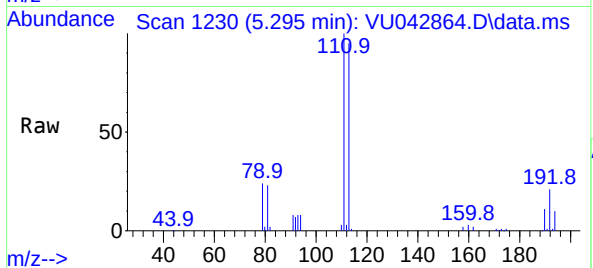


#35

Dibromofluoromethane
Concen: 44.74 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. -0.004 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

Instrument :
MSVOA_U
ClientSampleId :
B6-10-12

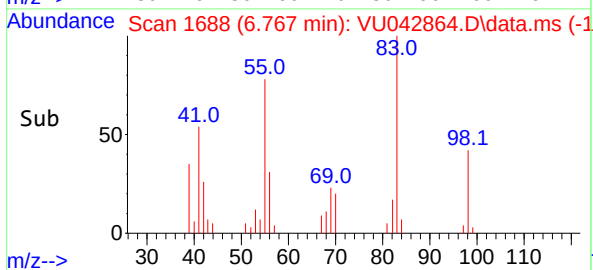
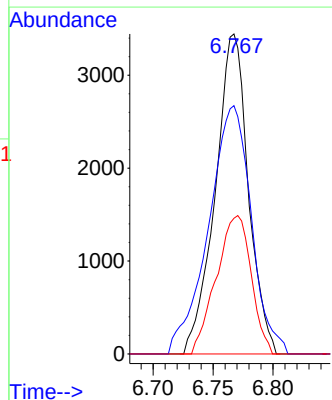
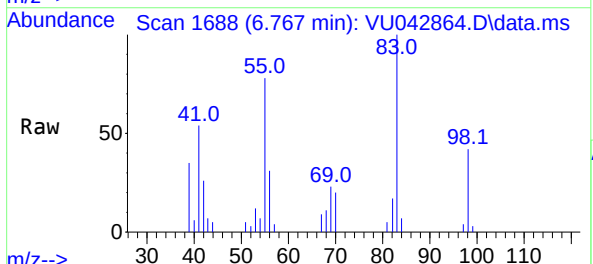
Tgt Ion:113 Resp: 63860
Ion Ratio Lower Upper
113 100
111 103.3 82.1 123.1
192 21.3 17.6 26.4

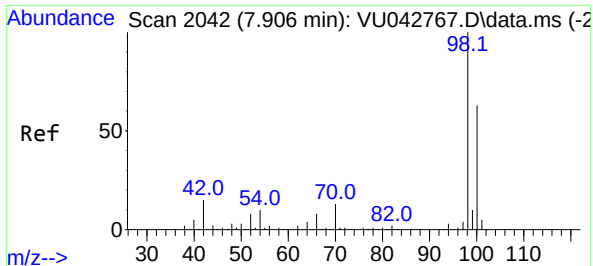


#39

Methylcyclohexane
Concen: 3.05 ug/l
RT: 6.767 min Scan# 1688
Delta R.T. -0.004 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

Tgt Ion: 83 Resp: 6610
Ion Ratio Lower Upper
83 100
55 72.8 68.2 102.4
98 42.4 36.3 54.5

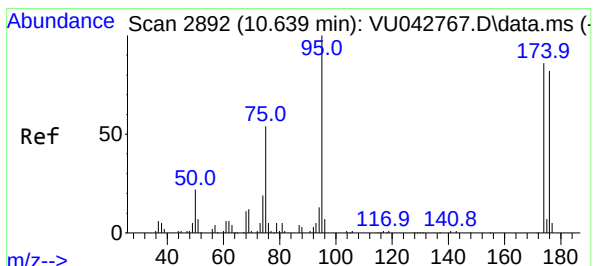
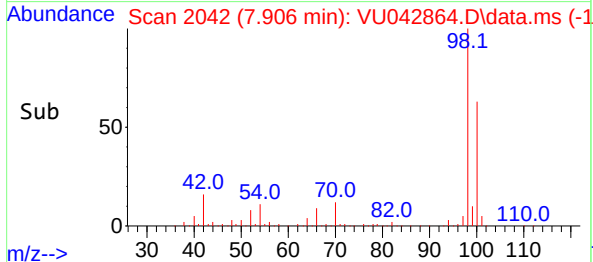
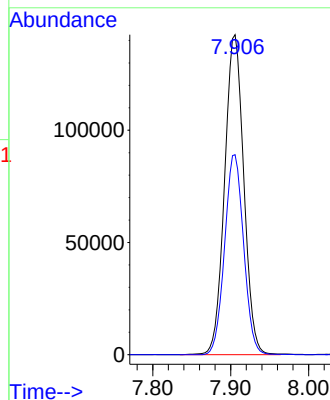
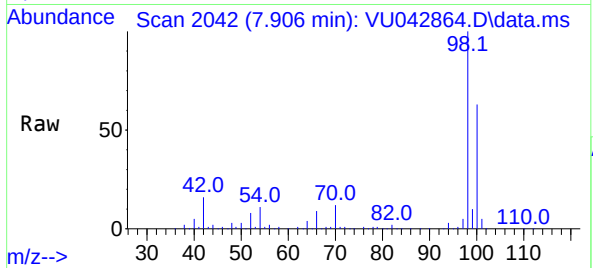




#50
Toluene-d8
Concen: 48.65 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

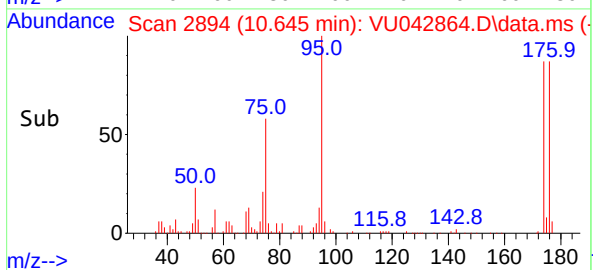
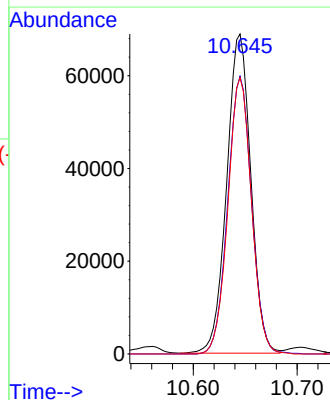
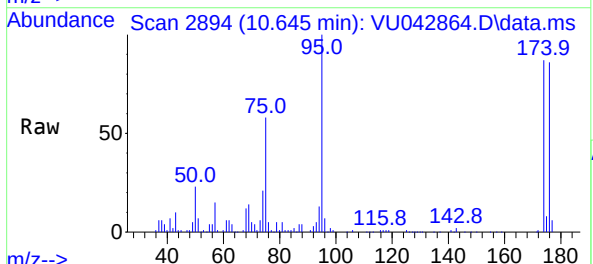
Instrument :
MSVOA_U
ClientSampled :
B6-10-12

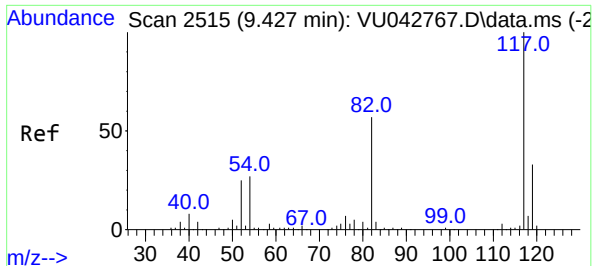
Tgt Ion: 98 Resp: 244277
Ion Ratio Lower Upper
98 100
100 61.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 56.87 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. 0.006 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

Tgt Ion: 95 Resp: 110976
Ion Ratio Lower Upper
95 100
174 85.9 0.0 175.2
176 84.5 0.0 167.4

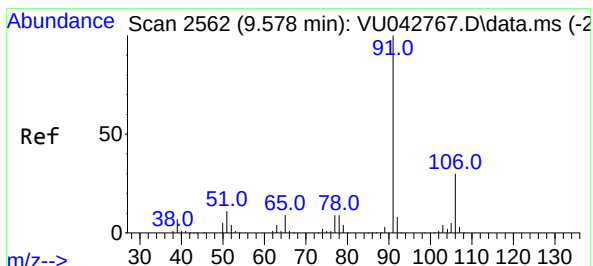
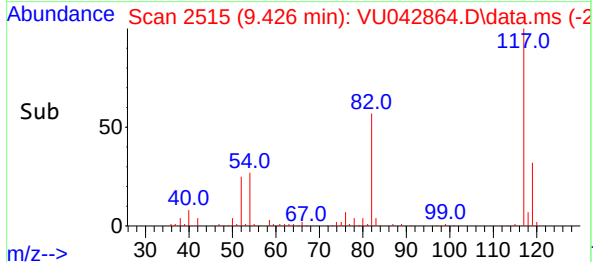
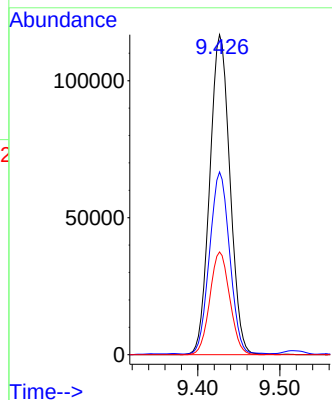
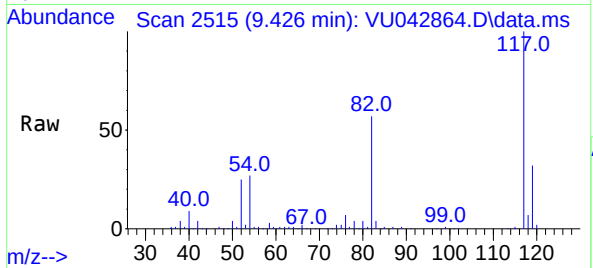




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

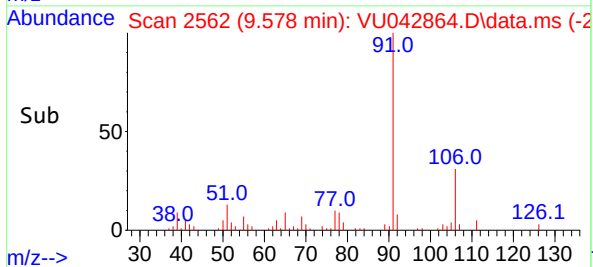
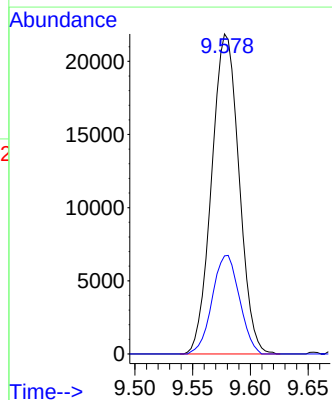
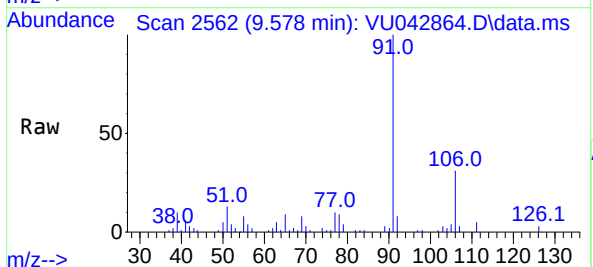
Instrument :
MSVOA_U
ClientSampleId :
B6-10-12

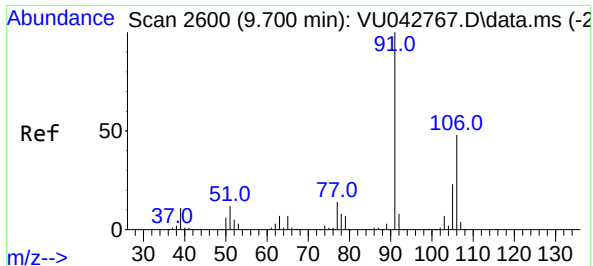
Tgt Ion:117 Resp: 199615
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 32.1 26.2 39.4



#67
Ethyl Benzene
Concen: 4.96 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

Tgt Ion: 91 Resp: 36070
Ion Ratio Lower Upper
91 100
106 30.7 24.1 36.1

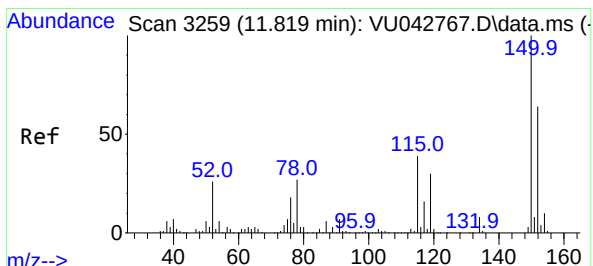
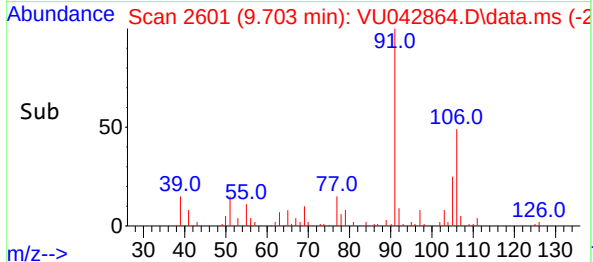
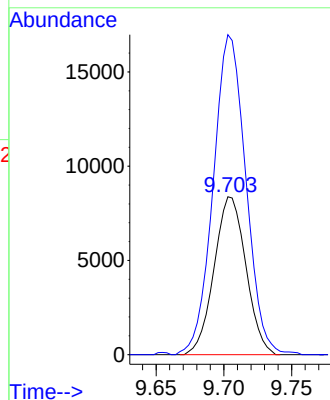
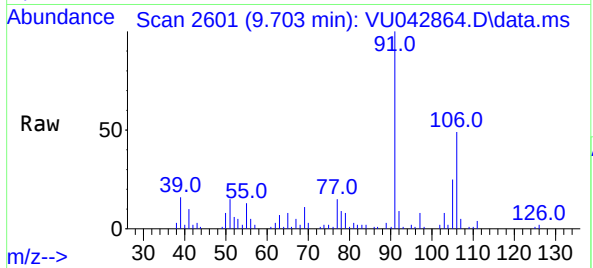




#68
m/p-Xylenes
Concen: 5.10 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

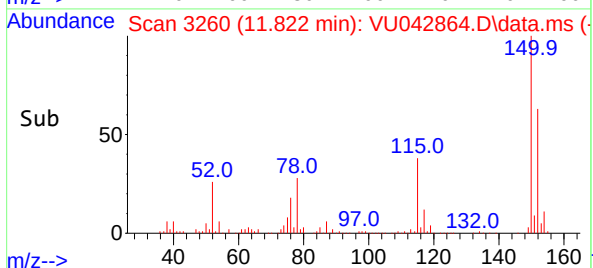
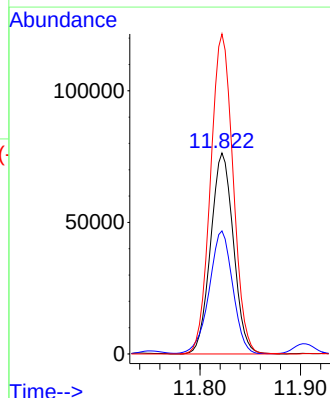
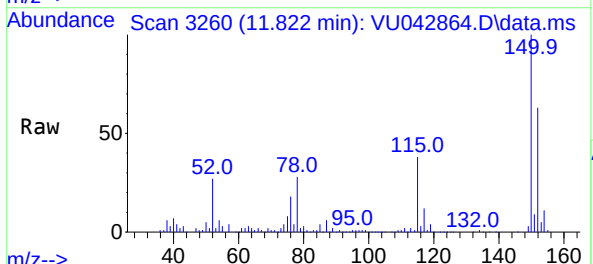
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ClientSampleId :
B6-10-12

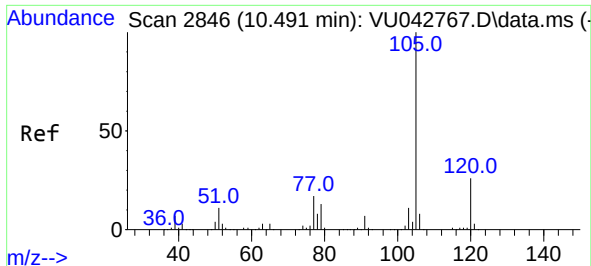
Tgt Ion:106 Resp: 13677
Ion Ratio Lower Upper
106 100
91 207.9 168.3 252.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

Tgt Ion:152 Resp: 120382
Ion Ratio Lower Upper
152 100
115 63.2 41.0 123.0
150 157.8 0.0 341.0

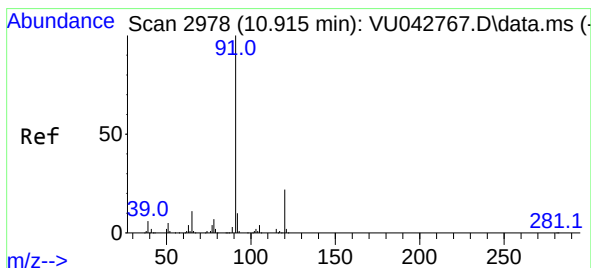
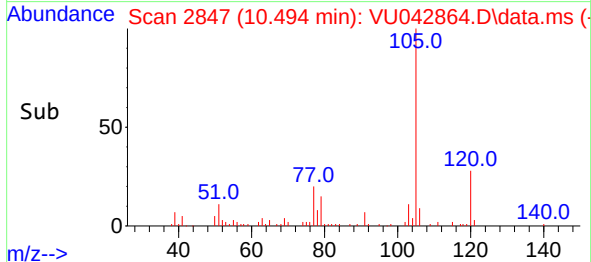
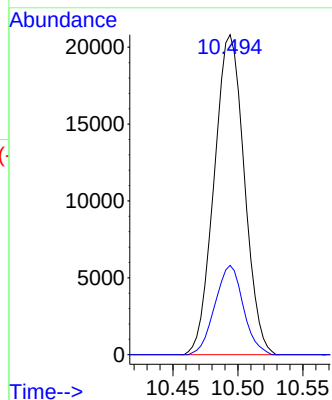
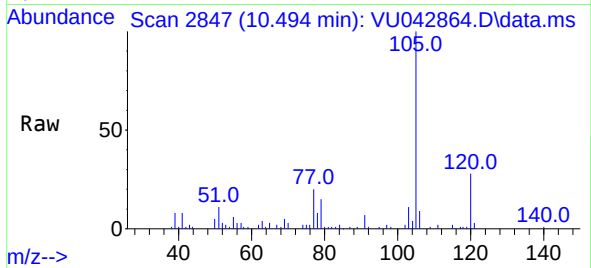




#73
Isopropylbenzene
Concen: 4.41 ug/l
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

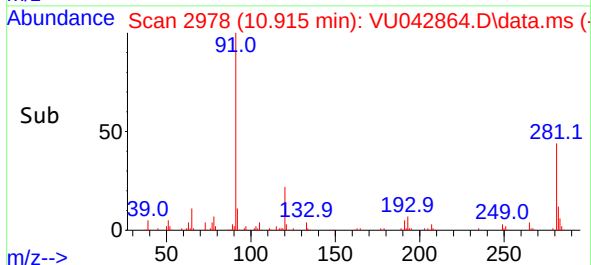
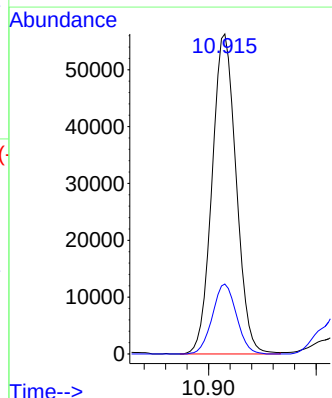
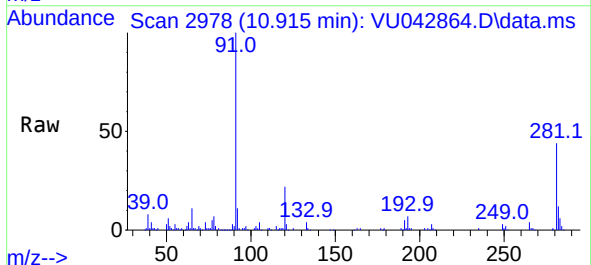
Instrument :
MSVOA_U
ClientSampled :
B6-10-12

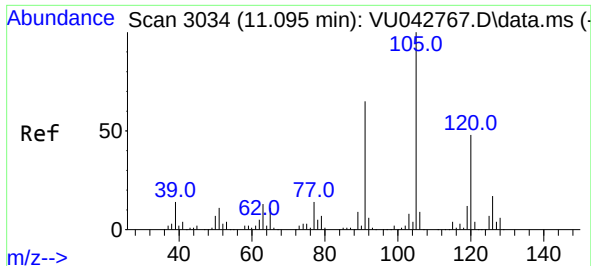
Tgt Ion:105 Resp: 33573
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6



#78
n-propylbenzene
Concen: 9.78 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. -0.000 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

Tgt Ion: 91 Resp: 87735
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.1

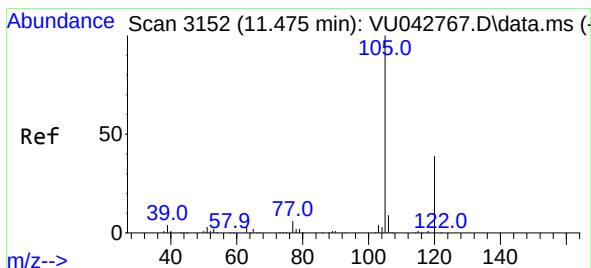
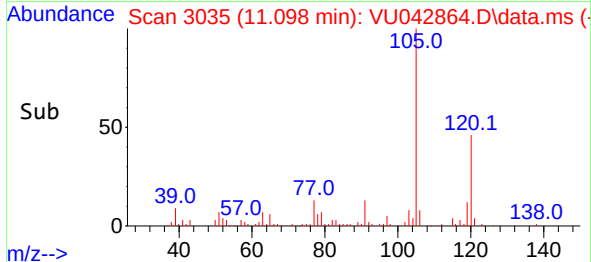
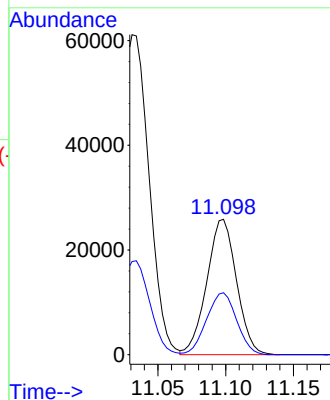
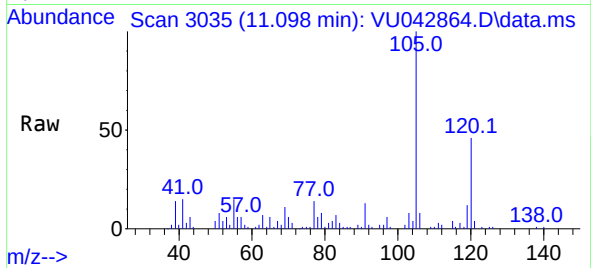




#80
1,3,5-Trimethylbenzene
Concen: 5.98 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

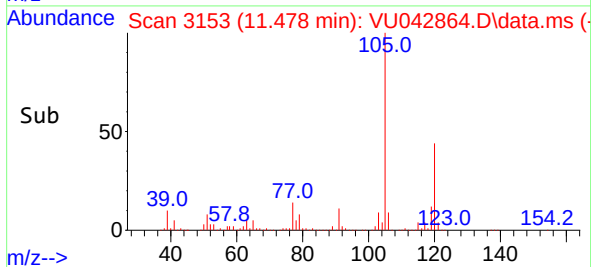
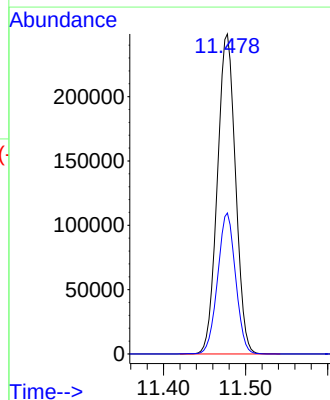
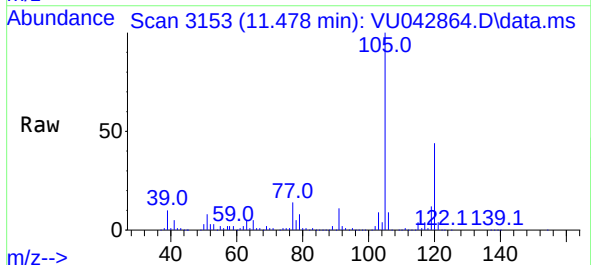
Instrument :
MSVOA_U
ClientSampleId :
B6-10-12

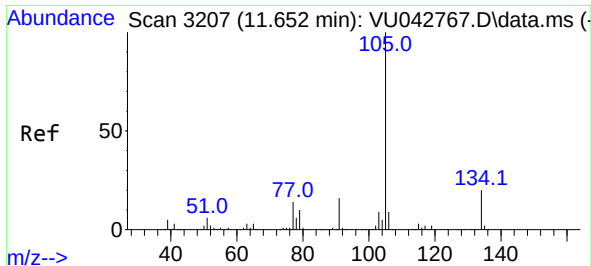
Tgt Ion:105 Resp: 39544
Ion Ratio Lower Upper
105 100
120 46.2 23.4 70.2



#84
1,2,4-Trimethylbenzene
Concen: 57.18 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

Tgt Ion:105 Resp: 381696
Ion Ratio Lower Upper
105 100
120 43.5 22.3 66.8

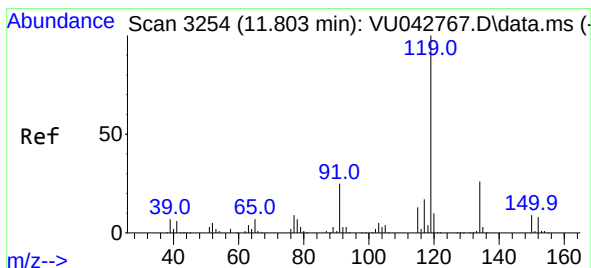
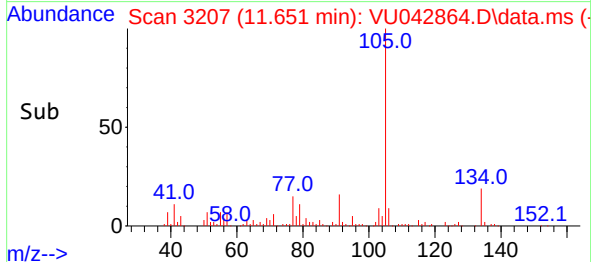
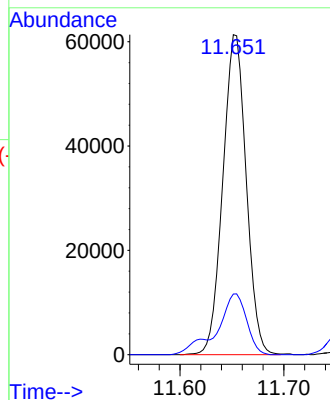
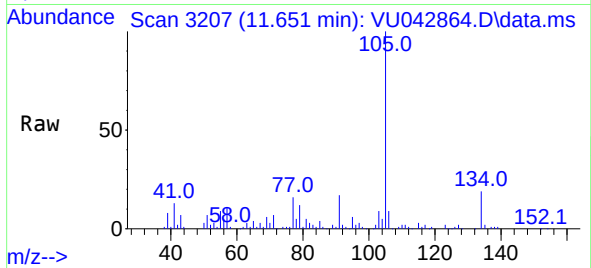




#85
sec-Butylbenzene
Concen: 12.81 ug/l
RT: 11.651 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

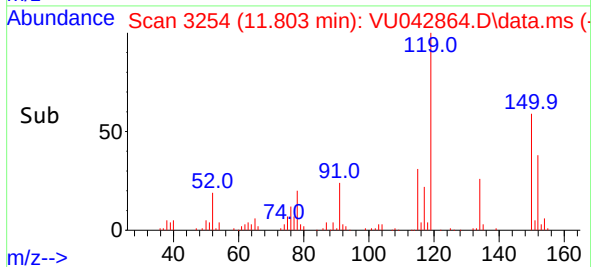
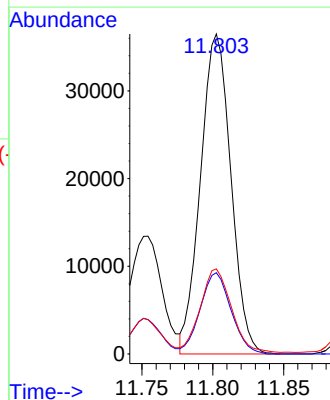
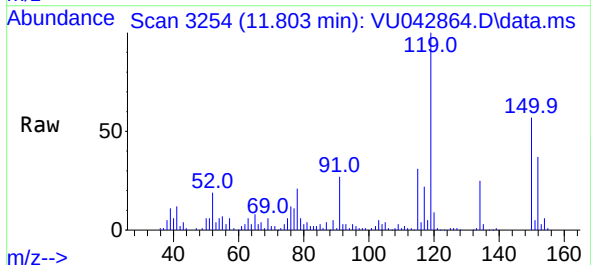
Instrument :
MSVOA_U
ClientSampled :
B6-10-12

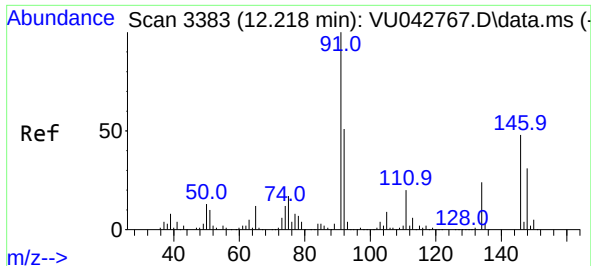
Tgt Ion:105 Resp: 95883
Ion Ratio Lower Upper
105 100
134 19.7 9.8 29.5



#86
p-Isopropyltoluene
Concen: 7.95 ug/l
RT: 11.803 min Scan# 3254
Delta R.T. -0.000 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

Tgt Ion:119 Resp: 54434
Ion Ratio Lower Upper
119 100
134 25.9 12.8 38.3
91 26.5 12.6 37.8

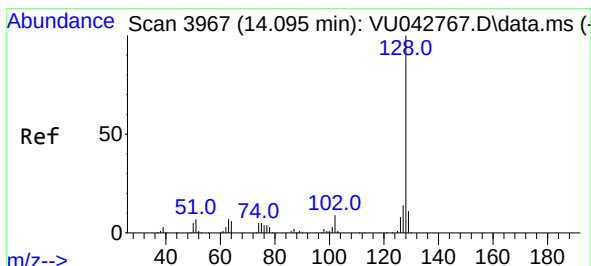
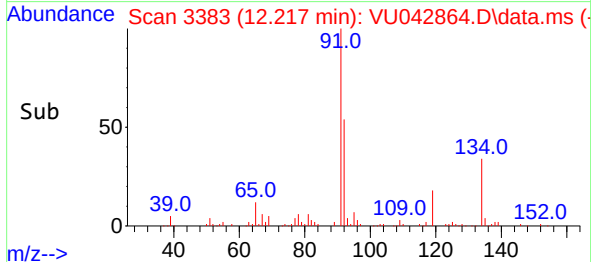
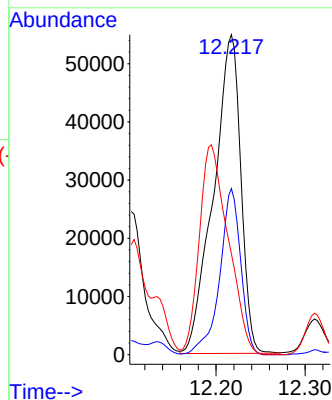
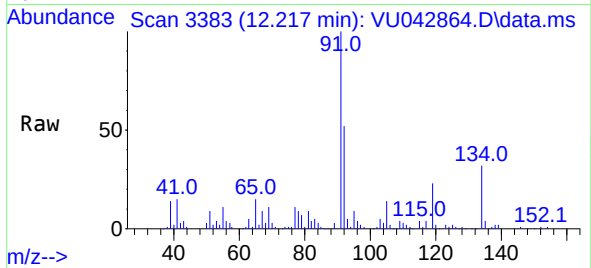




#89
n-Butylbenzene
Concen: 18.00 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

Instrument :
MSVOA_U
ClientSampled :
B6-10-12

Tgt Ion: 91 Resp: 116346
Ion Ratio Lower Upper
91 100
92 40.3 25.7 77.1
134 0.0 12.1 36.3#



#95
Naphthalene
Concen: 75.42 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042864.D
Acq: 31 Mar 2021 17:49

Tgt Ion:128 Resp: 626856
Ion Ratio Lower Upper
128 100
127 14.0 10.9 16.3
129 12.2 8.7 13.1

