

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042858.D
 Acq On : 31 Mar 2021 15:31
 Operator : SY/MD
 Sample : M1836-02
 Misc : 11.22g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B1-10-12

Quant Time: Apr 01 04:42:29 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)

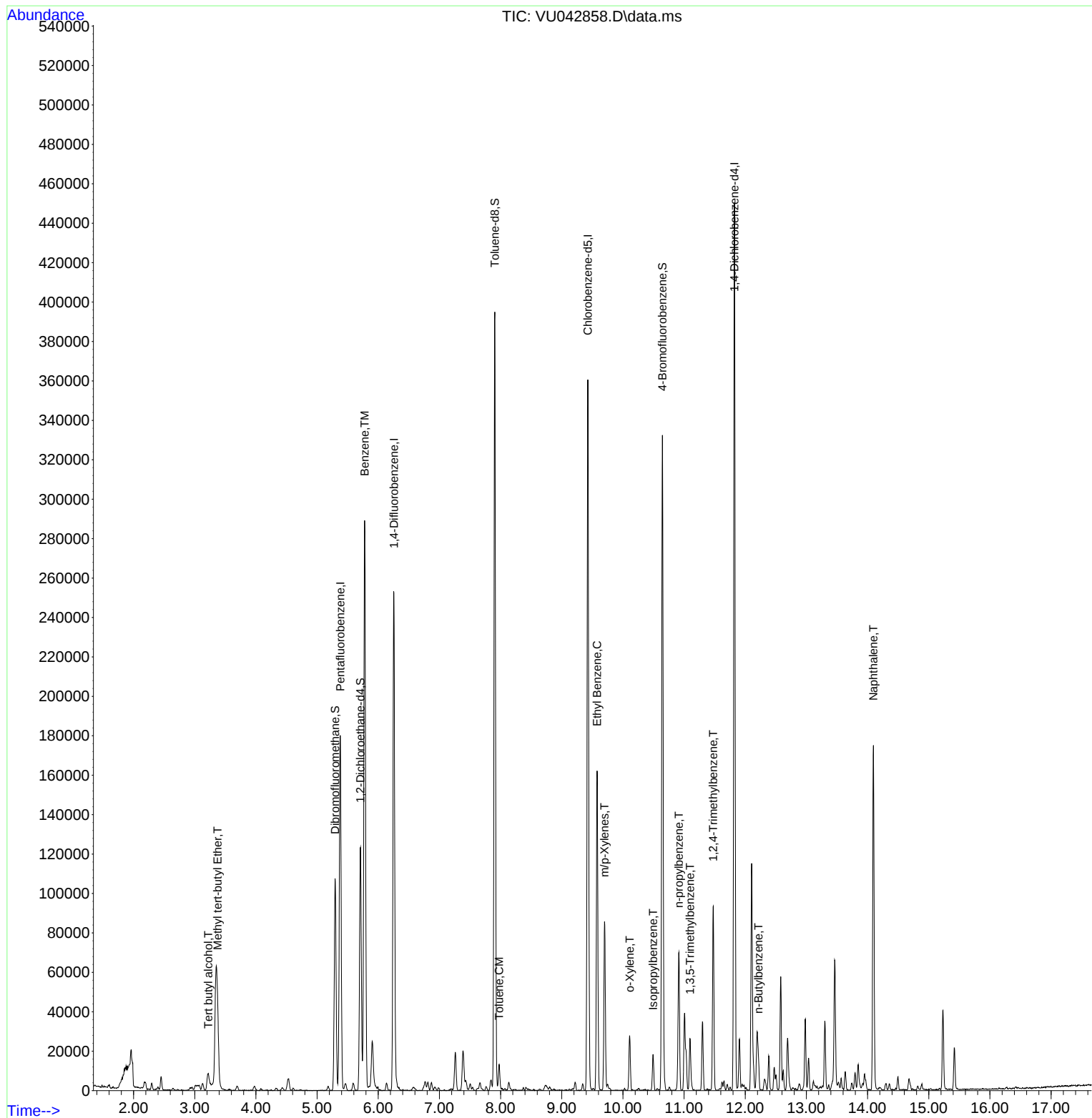
Internal Standards						
1) Pentafluorobenzene	5.378	168	121454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	193670	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	190568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	108256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	94506	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	5.295	113	65039	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
50) Toluene-d8	7.906	98	242908	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
62) 4-Bromofluorobenzene	10.645	95	102067	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.221	59	13148	31.76	ug/l #	90
19) Methyl tert-butyl Ether	3.372	73	26607	6.36	ug/l #	71
40) Benzene	5.777	78	246927	43.09	ug/l	99
52) Toluene	7.976	92	4840	1.38	ug/l	92
67) Ethyl Benzene	9.578	91	111700	16.07	ug/l	99
68) m/p-Xylenes	9.700	106	23168	9.05	ug/l	98
69) o-Xylene	10.111	106	7253	2.93	ug/l	100
73) Isopropylbenzene	10.494	105	11302	1.65	ug/l	98
78) n-propylbenzene	10.915	91	51097	6.34	ug/l	99
80) 1,3,5-Trimethylbenzene	11.098	105	13898	2.34	ug/l	99
84) 1,2,4-Trimethylbenzene	11.478	105	48030	8.00	ug/l	100
89) n-Butylbenzene	12.217	91	10037	1.73	ug/l #	71
95) Naphthalene	14.095	128	130283	19.41	ug/l	100

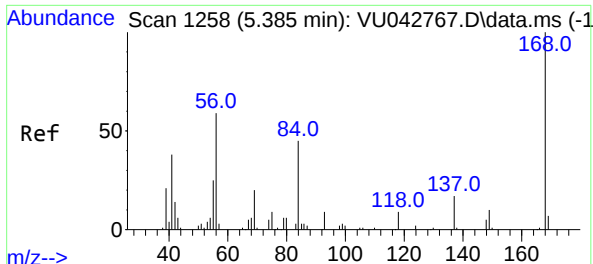
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
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B1-10-12

Quant Time: Apr 01 04:42:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

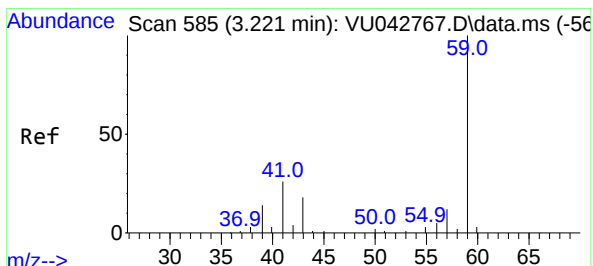
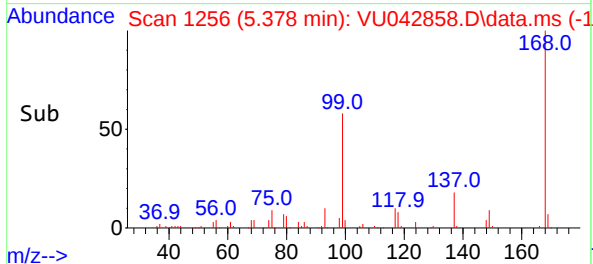
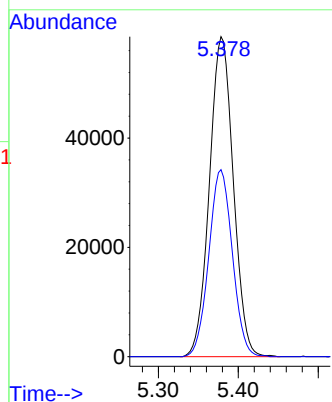
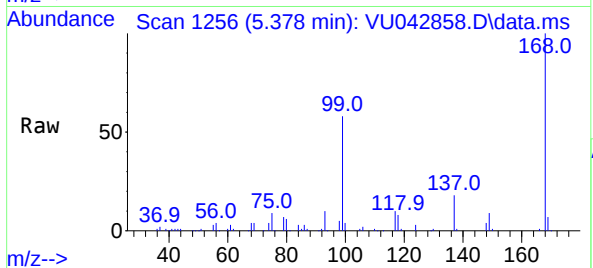




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.007 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

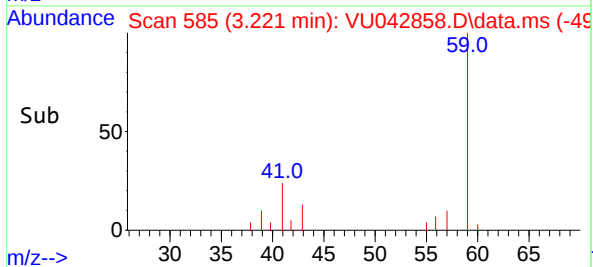
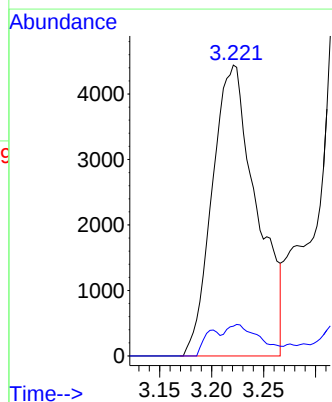
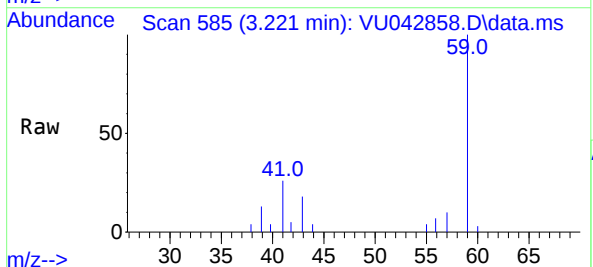
Instrument :
MSVOA_U
ClientSampleId :
B1-10-12

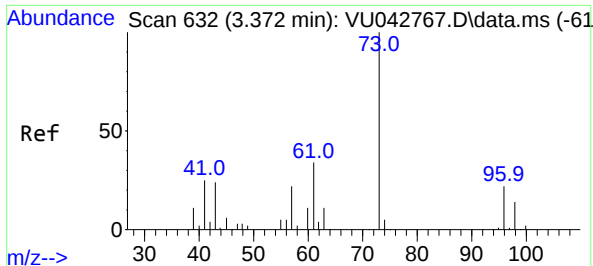
Tgt Ion:168 Resp: 121454
Ion Ratio Lower Upper
168 100
99 58.4 46.4 69.6



#11
Tert butyl alcohol
Concen: 31.76 ug/l
RT: 3.221 min Scan# 585
Delta R.T. -0.000 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

Tgt Ion: 59 Resp: 13148
Ion Ratio Lower Upper
59 100
57 5.6 7.4 11.2#



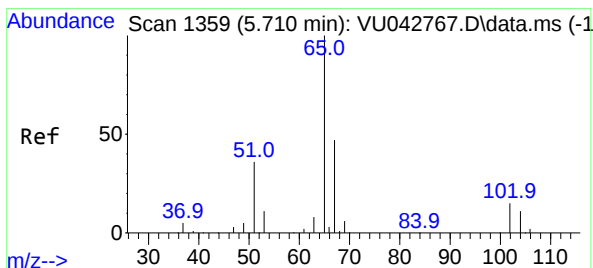
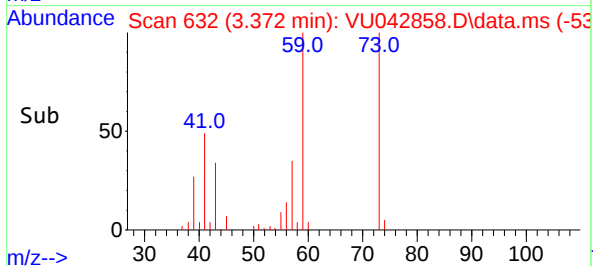
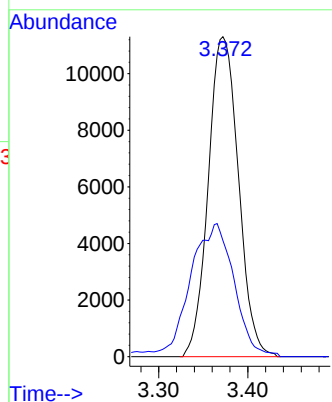
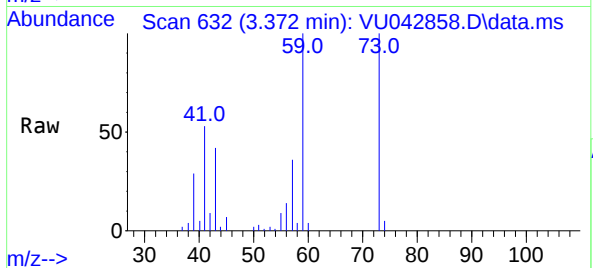


#19

Methyl tert-butyl Ether
Concen: 6.36 ug/l
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

Instrument :
MSVOA_U
ClientSampled :
B1-10-12

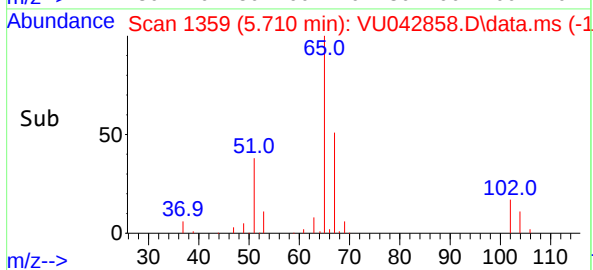
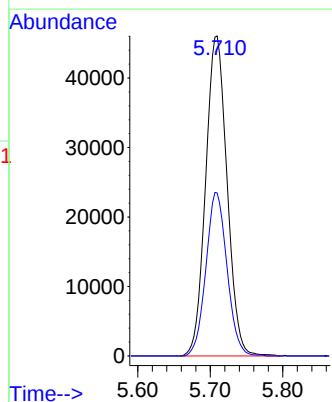
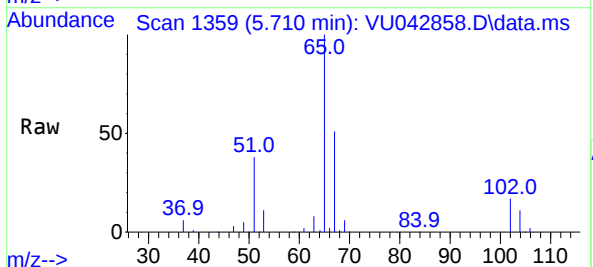
Tgt Ion: 73 Resp: 26607
Ion Ratio Lower Upper
73 100
57 36.3 17.8 26.6#

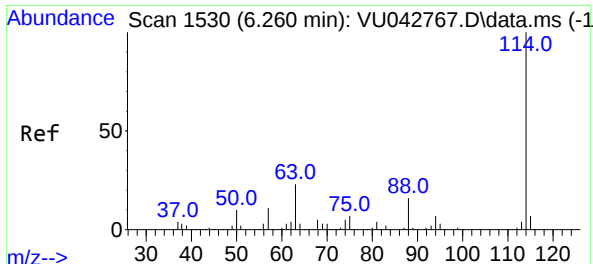


#33

1,2-Dichloroethane-d4
Concen: 48.81 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

Tgt Ion: 65 Resp: 94506
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.8

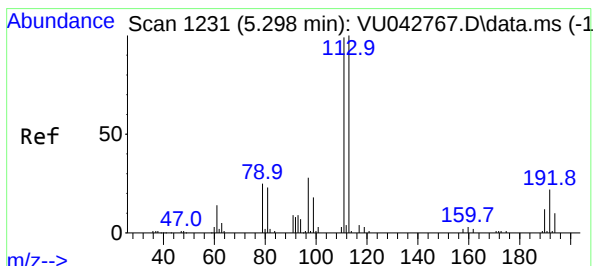
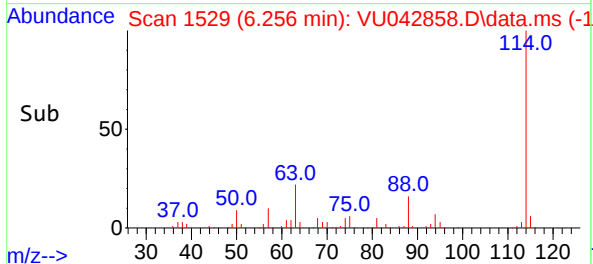
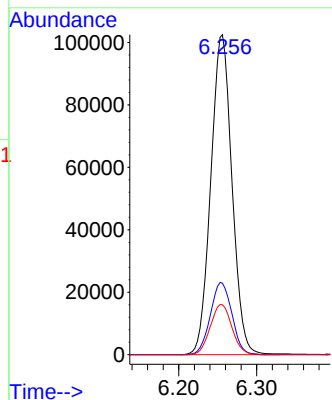
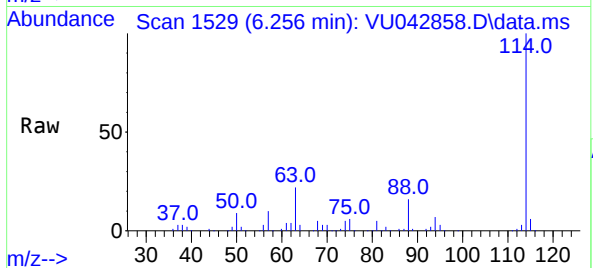




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

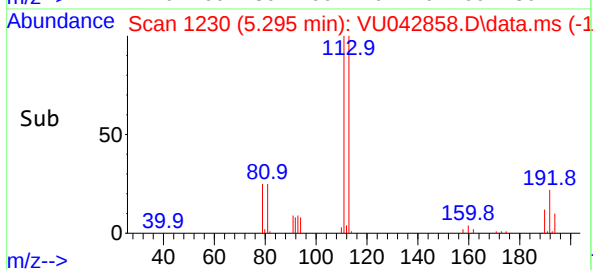
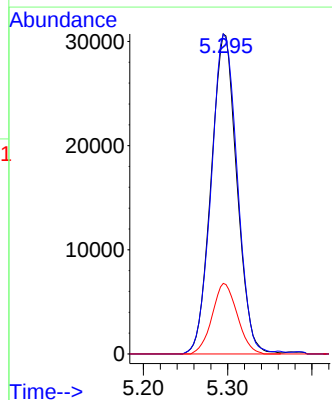
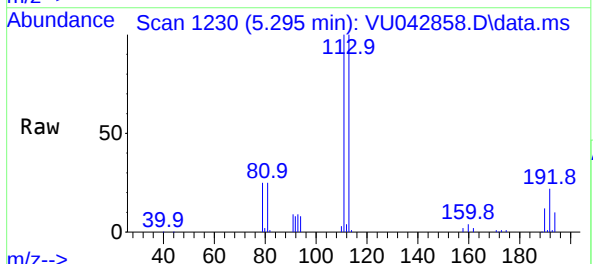
Instrument :
MSVOA_U
ClientSampleId :
B1-10-12

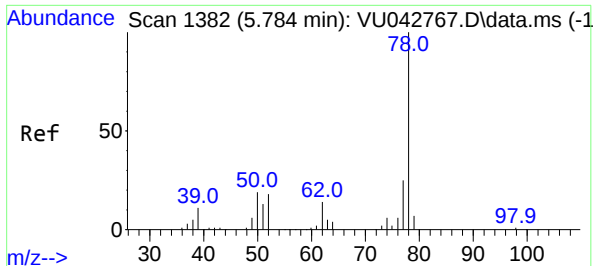
Tgt Ion:114 Resp: 193670
Ion Ratio Lower Upper
114 100
63 22.3 0.0 46.8
88 15.6 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.00 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. -0.004 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

Tgt Ion:113 Resp: 65039
Ion Ratio Lower Upper
113 100
111 101.1 82.1 123.1
192 21.6 17.6 26.4

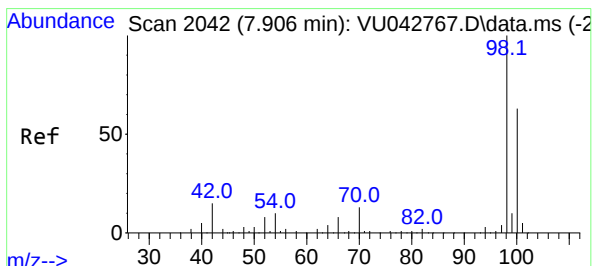
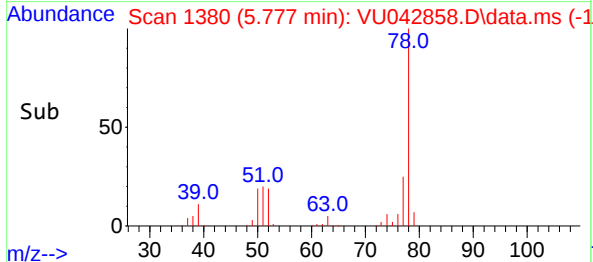
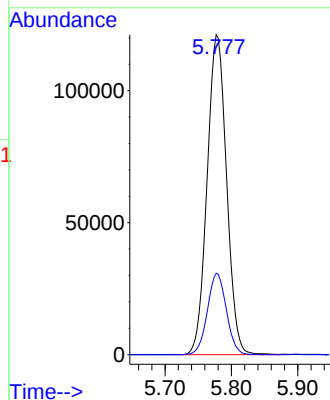
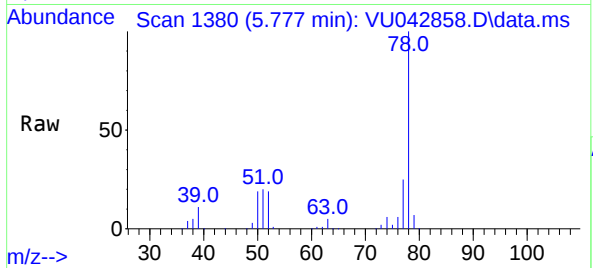




#40
Benzene
Concen: 43.09 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.007 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

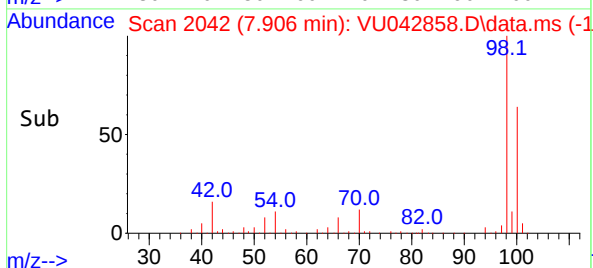
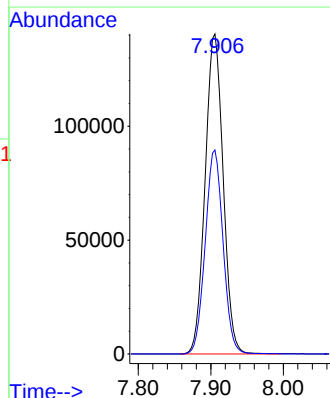
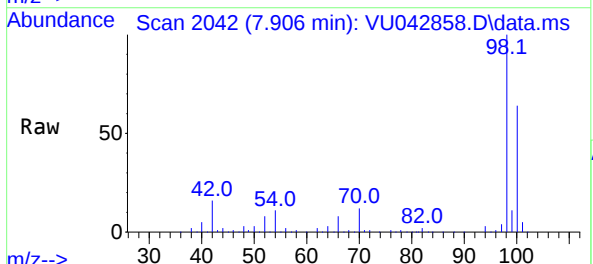
Instrument :
MSVOA_U
ClientSampled :
B1-10-12

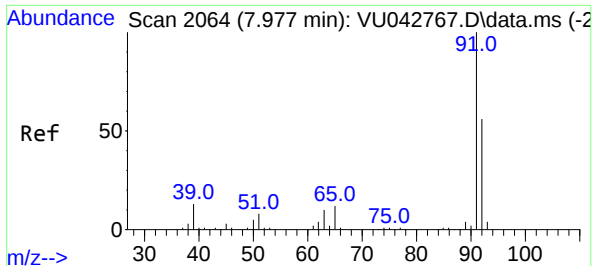
Tgt Ion: 78 Resp: 246927
Ion Ratio Lower Upper
78 100
77 25.5 19.9 29.9



#50
Toluene-d8
Concen: 47.77 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

Tgt Ion: 98 Resp: 242908
Ion Ratio Lower Upper
98 100
100 63.2 50.4 75.6

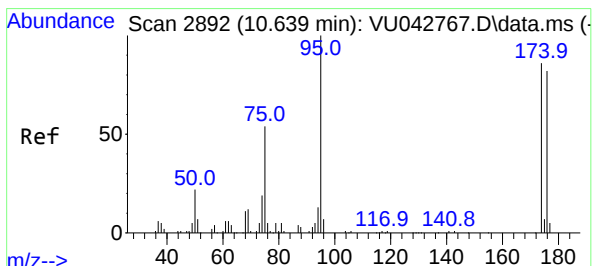
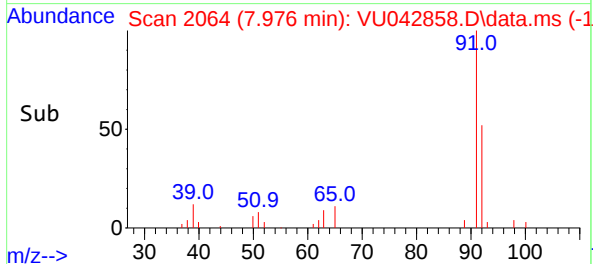
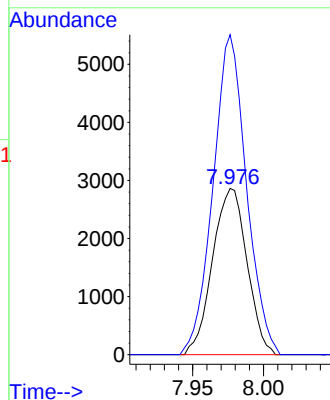
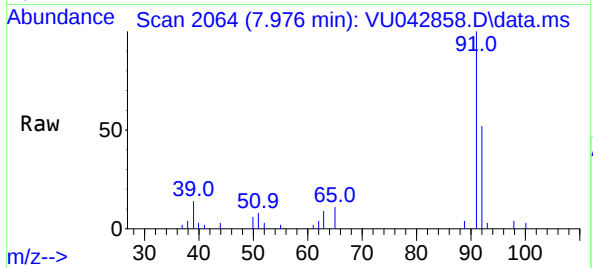




#52
Toluene
Concen: 1.38 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

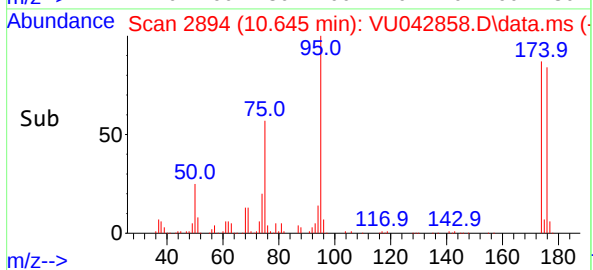
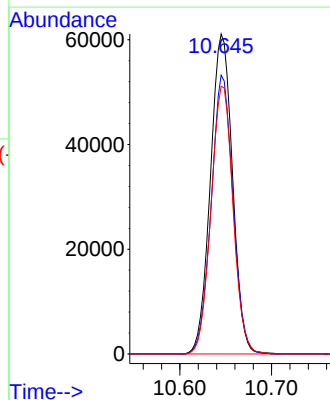
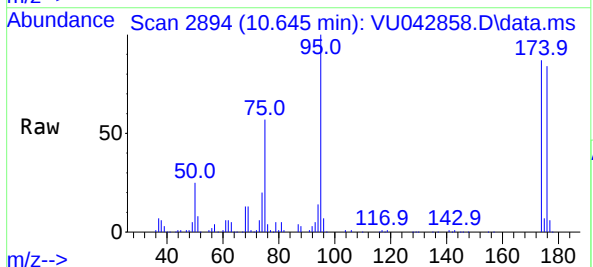
Instrument :
MSVOA_U
ClientSampled :
B1-10-12

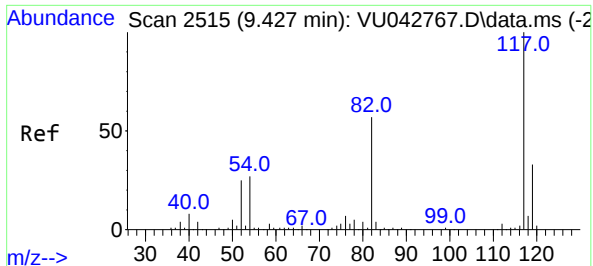
Tgt Ion: 92 Resp: 4840
Ion Ratio Lower Upper
92 100
91 186.6 140.6 210.8



#62
4-Bromofluorobenzene
Concen: 51.65 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. 0.006 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

Tgt Ion: 95 Resp: 102067
Ion Ratio Lower Upper
95 100
174 86.2 0.0 175.2
176 83.5 0.0 167.4

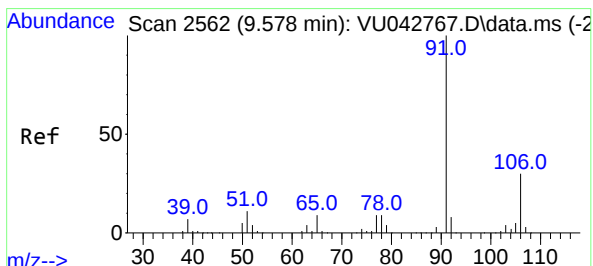
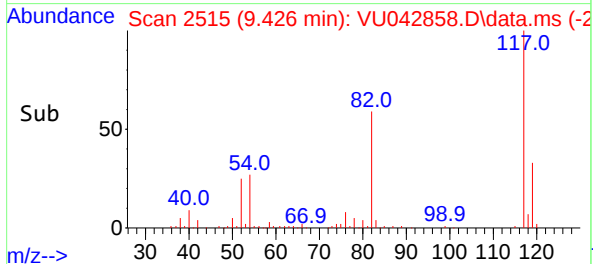
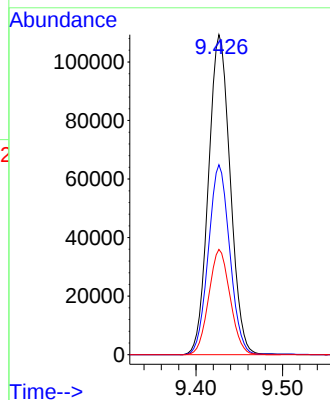
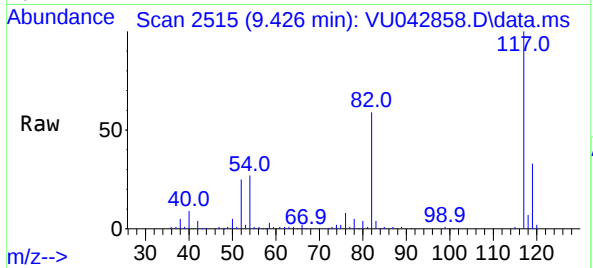




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

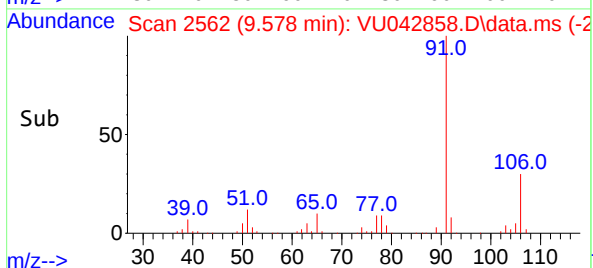
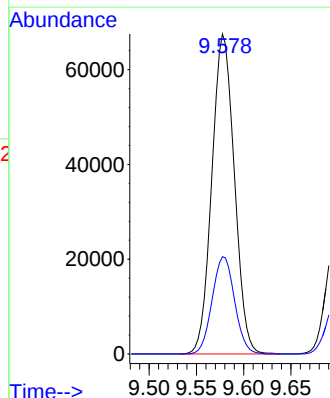
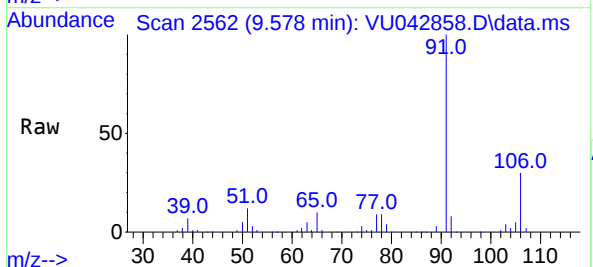
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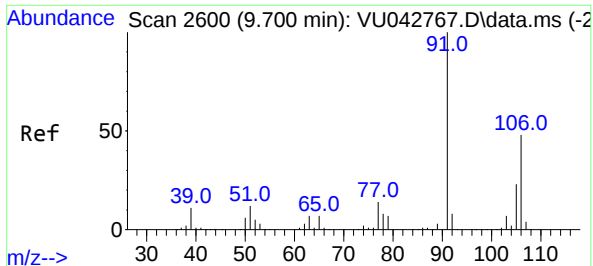
Tgt Ion:117 Resp: 190568
Ion Ratio Lower Upper
117 100
82 59.4 45.5 68.3
119 32.9 26.2 39.4



#67
Ethyl Benzene
Concen: 16.07 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

Tgt Ion: 91 Resp: 111700
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1

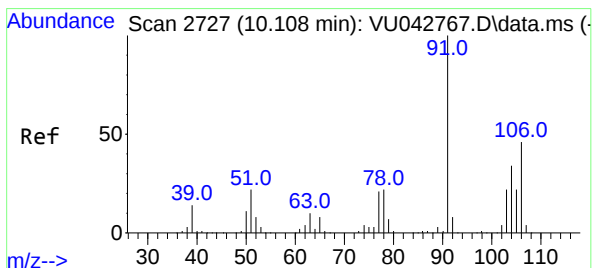
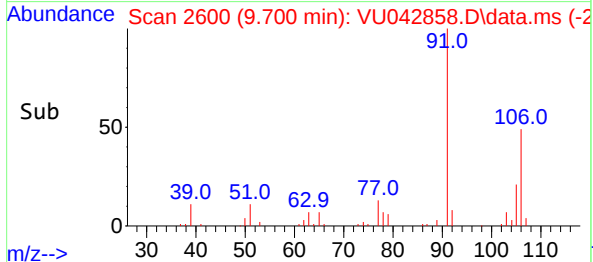
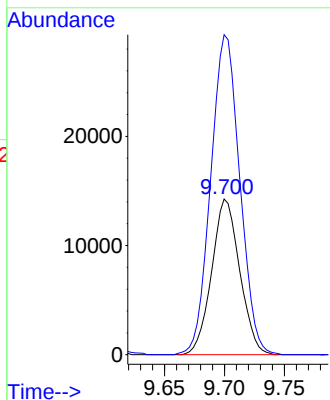
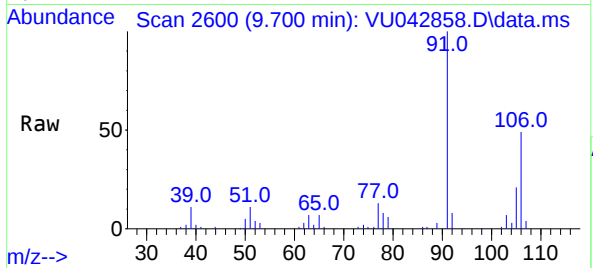




#68
m/p-Xylenes
Concen: 9.05 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

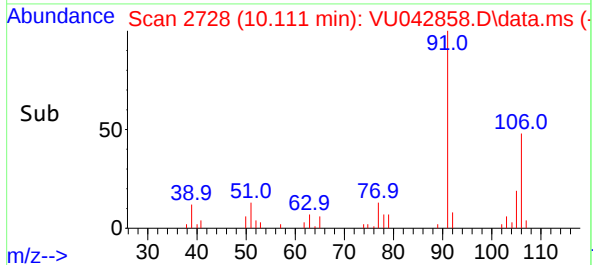
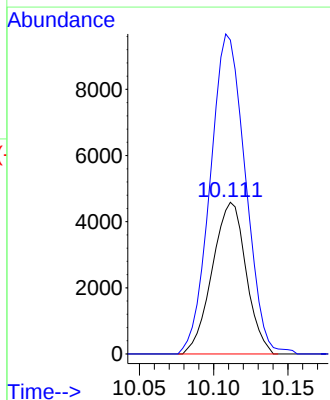
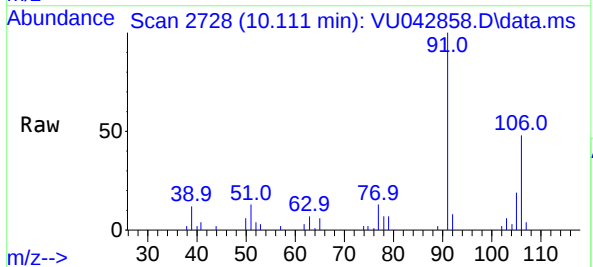
Instrument :
MSVOA_U
ClientSampleId :
B1-10-12

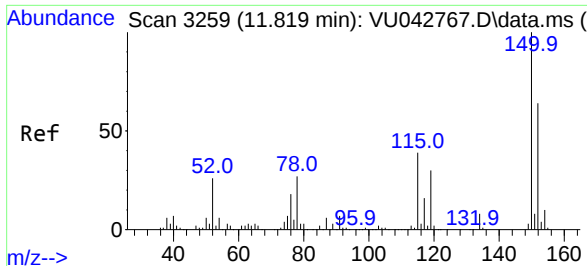
Tgt Ion:106 Resp: 23168
Ion Ratio Lower Upper
106 100
91 213.1 168.3 252.5



#69
o-Xylene
Concen: 2.93 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

Tgt Ion:106 Resp: 7253
Ion Ratio Lower Upper
106 100
91 219.4 109.9 329.7

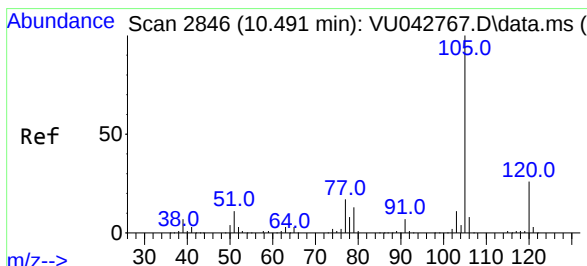
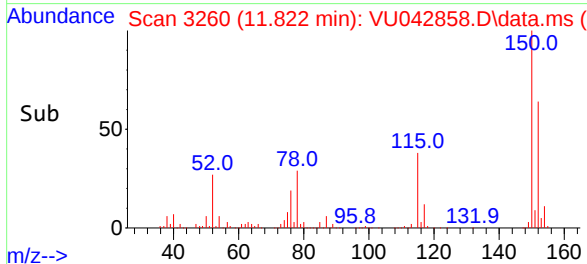
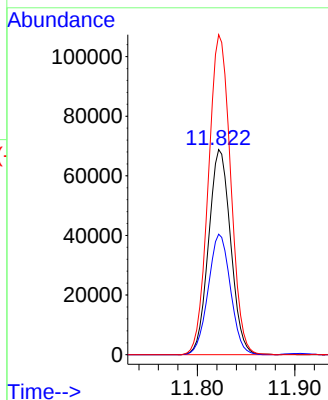
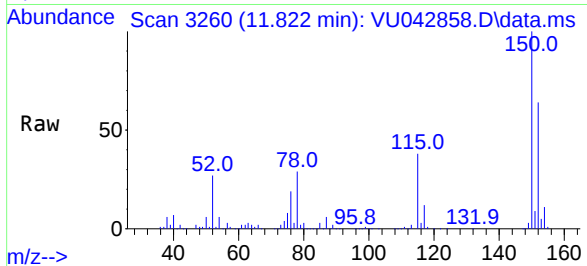




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

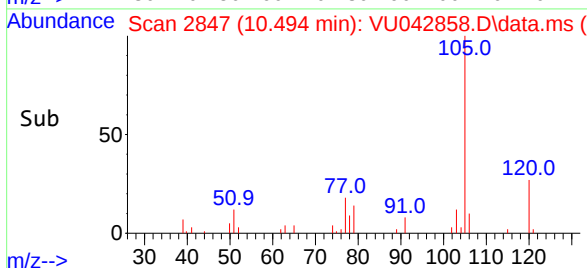
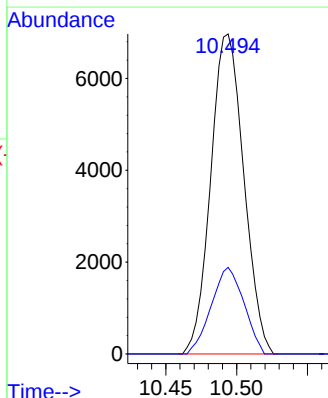
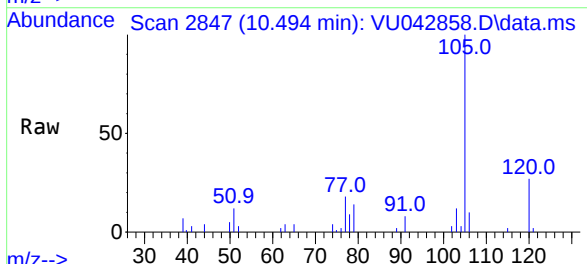
Instrument :
MSVOA_U
ClientSampleId :
B1-10-12

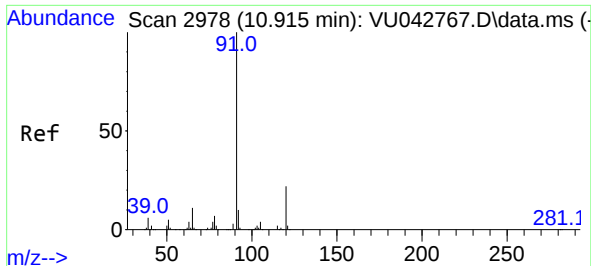
Tgt Ion:152 Resp: 108256
Ion Ratio Lower Upper
152 100
115 59.2 41.0 123.0
150 157.4 0.0 341.0



#73
Isopropylbenzene
Concen: 1.65 ug/l
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

Tgt Ion:105 Resp: 11302
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6

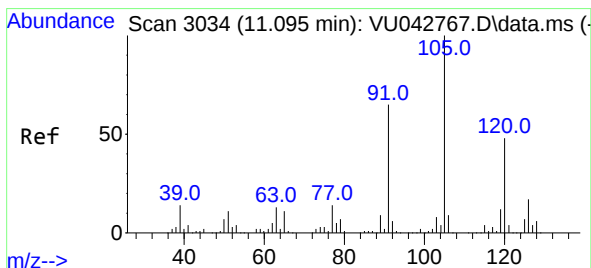
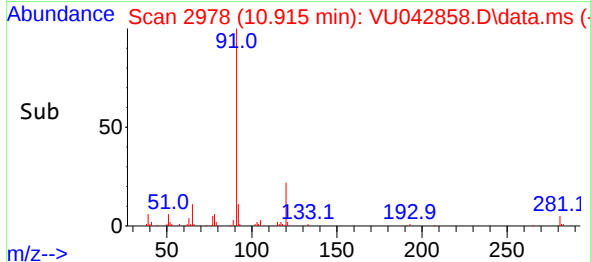
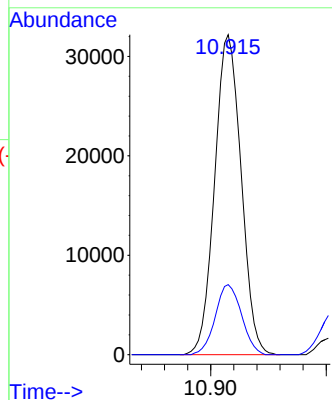
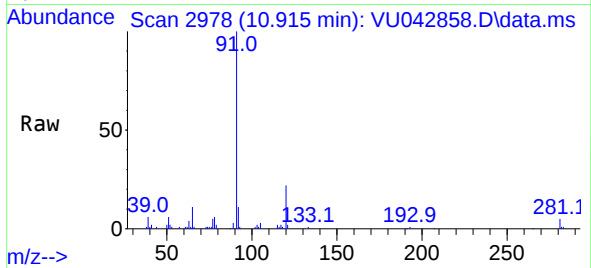




#78
n-propylbenzene
Concen: 6.34 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. -0.000 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

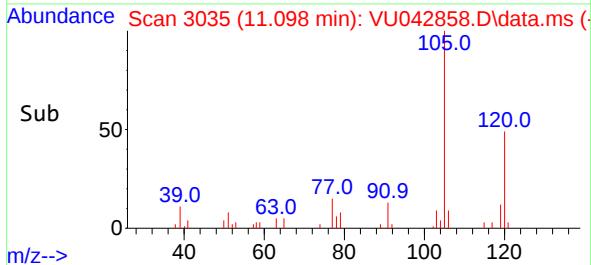
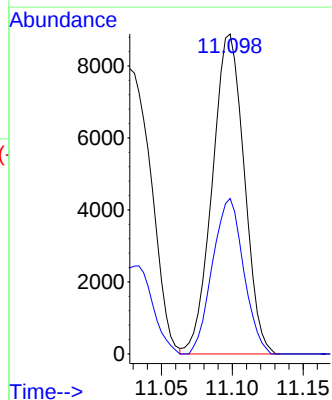
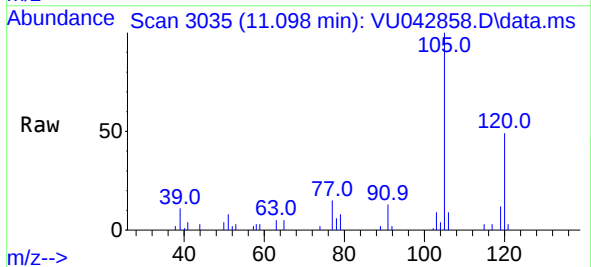
Instrument :
MSVOA_U
ClientSampleId :
B1-10-12

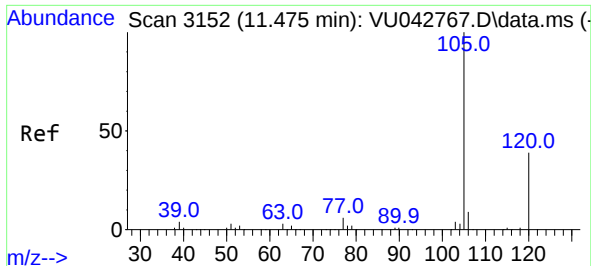
Tgt Ion: 91 Resp: 51097
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.1



#80
1,3,5-Trimethylbenzene
Concen: 2.34 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

Tgt Ion: 105 Resp: 13898
Ion Ratio Lower Upper
105 100
120 47.4 23.4 70.2

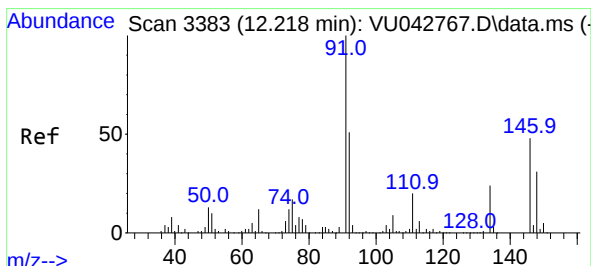
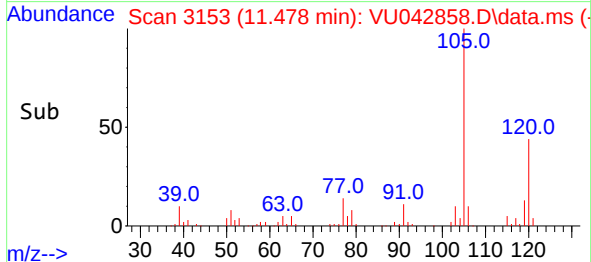
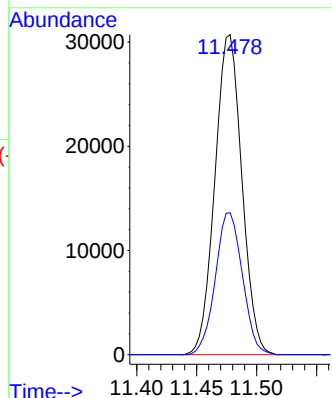
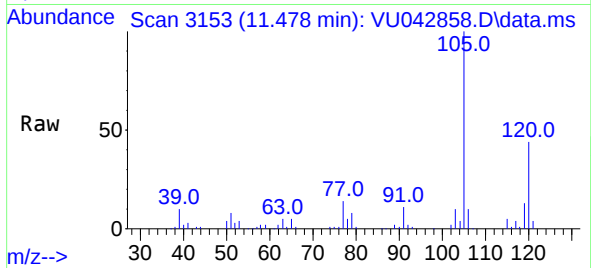




#84
1,2,4-Trimethylbenzene
Concen: 8.00 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

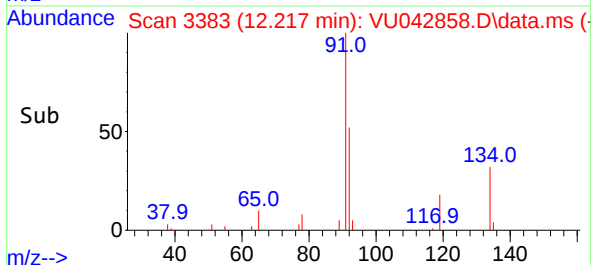
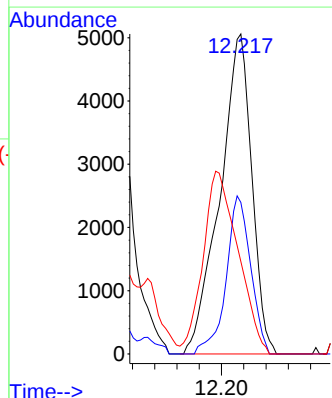
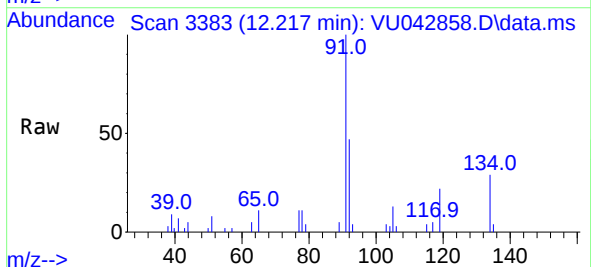
Instrument :
MSVOA_U
ClientSampled :
B1-10-12

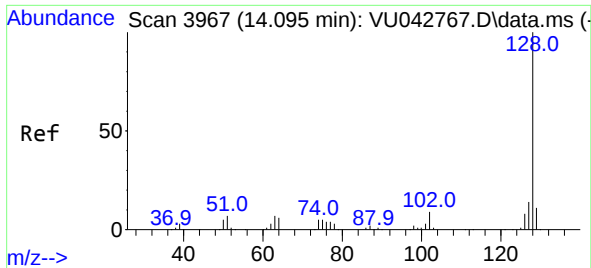
Tgt Ion:105 Resp: 48030
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8



#89
n-Butylbenzene
Concen: 1.73 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

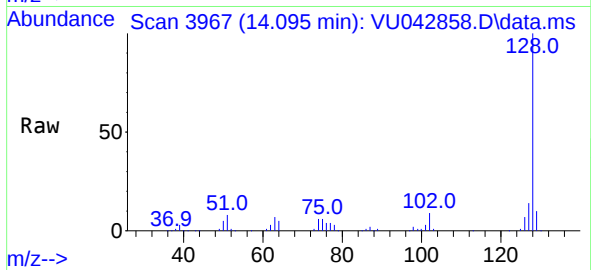
Tgt Ion: 91 Resp: 10037
Ion Ratio Lower Upper
91 100
92 38.0 25.7 77.1
134 0.0 12.1 36.3#





#95
Naphthalene
Concen: 19.41 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042858.D
Acq: 31 Mar 2021 15:31

Instrument :
MSVOA_U
ClientSampleId :
B1-10-12



Tgt Ion:	128	Resp:	130283
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.9	16.3
129	10.8	8.7	13.1

