

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042790.D
 Acq On : 25 Mar 2021 17:08
 Operator : SY/MD
 Sample : M1776-01DL 50X
 Misc : 1.0g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 110DL

Quant Time: Mar 26 02:07:47 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)

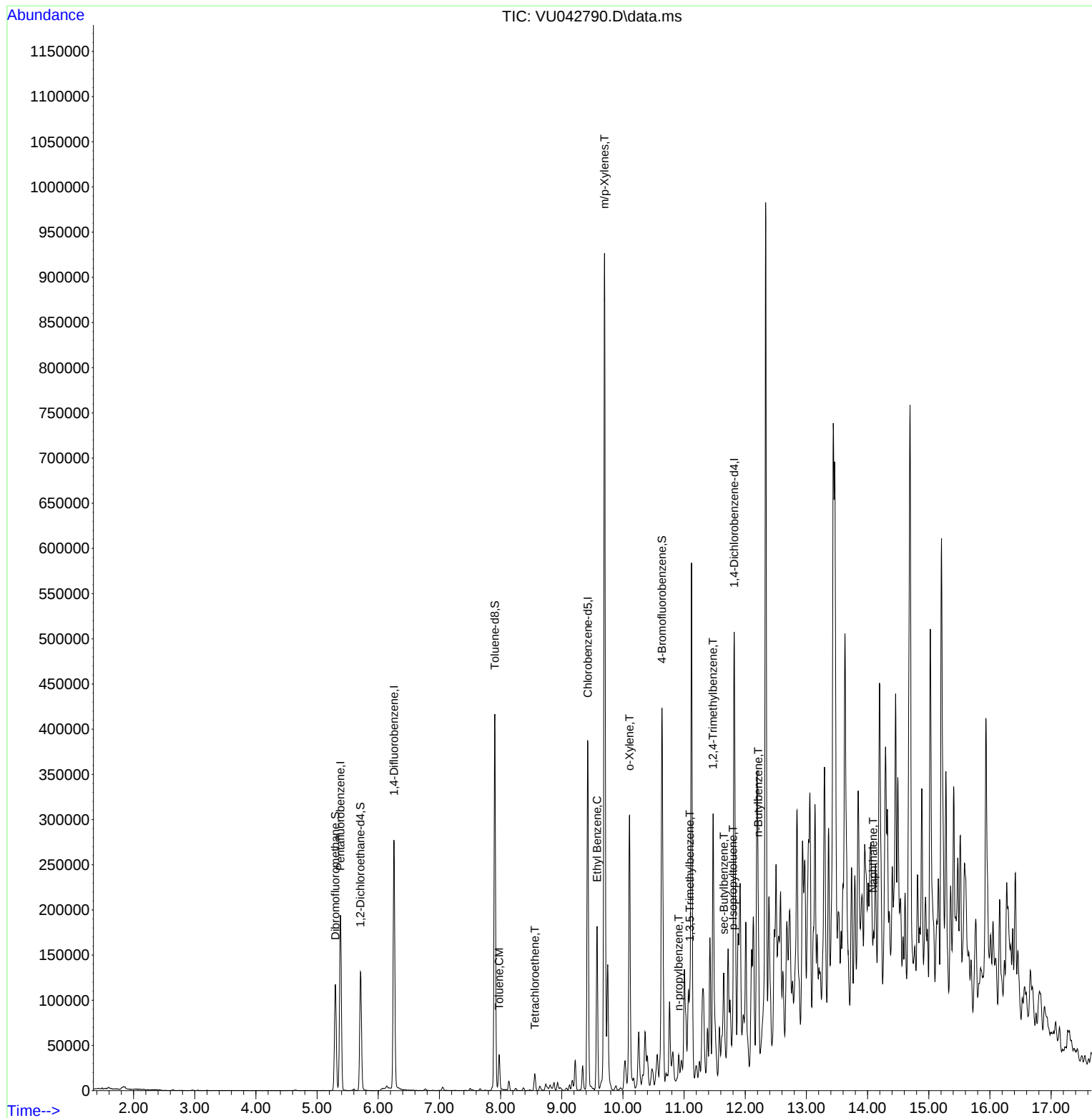
Internal Standards						
1) Pentafluorobenzene	5.382	168	133686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	206021	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	198054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	109680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	102287	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
35) Dibromofluoromethane	5.298	113	71359	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	7.906	98	253598	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
62) 4-Bromofluorobenzene	10.639	95	102085	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds					Qvalue	
52) Toluene	7.976	92	14428	3.87	ug/l	96
64) Tetrachloroethene	8.562	164	3973	2.48	ug/l	97
67) Ethyl Benzene	9.578	91	114516	15.86	ug/l	100
68) m/p-Xylenes	9.700	106	233933	87.88	ug/l	99
69) o-Xylene	10.108	106	72874	28.28	ug/l	97
78) n-propylbenzene	10.912	91	22729	2.78	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	32925	5.47	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	128814	21.18	ug/l	99
85) sec-Butylbenzene	11.651	105	16313	2.39	ug/l	93
86) p-Isopropyltoluene	11.799	119	11285	1.81	ug/l	97
89) n-Butylbenzene	12.211	91	54171	9.20	ug/l #	53
95) Naphthalene	14.092	128	28235	6.18	ug/l #	90

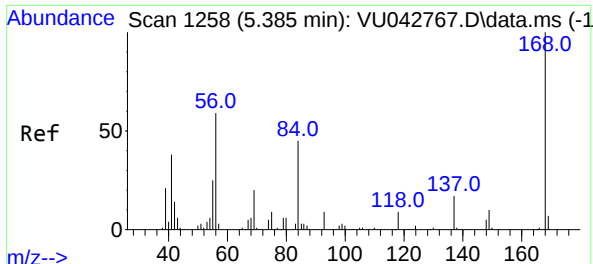
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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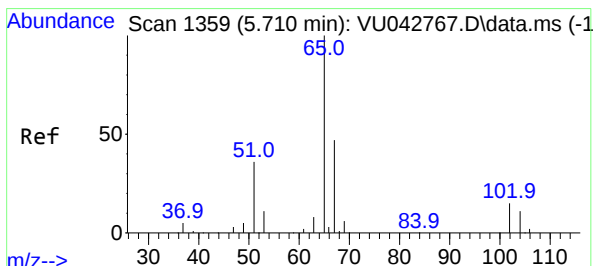
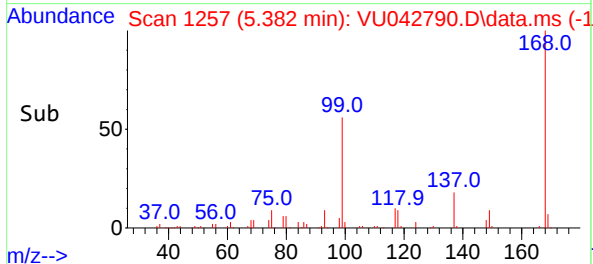
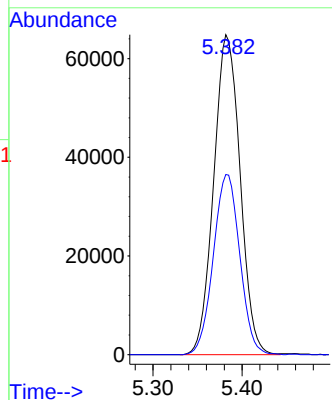
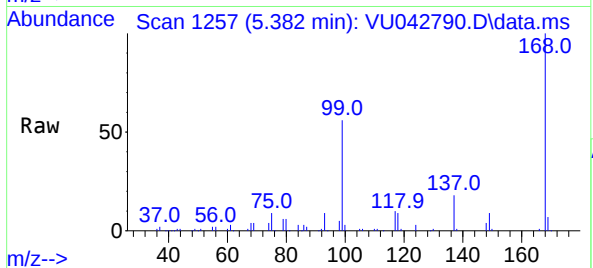




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

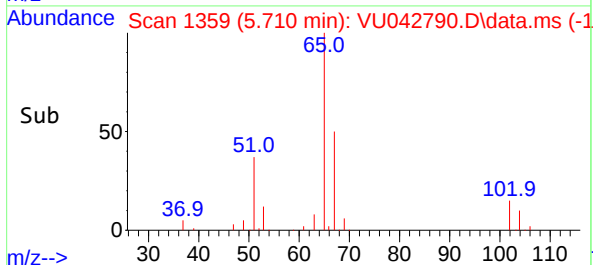
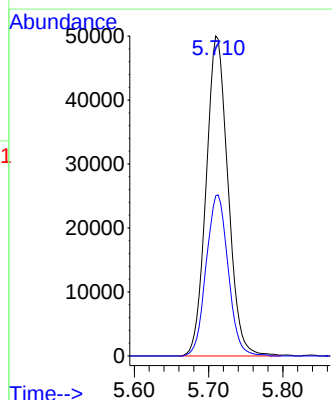
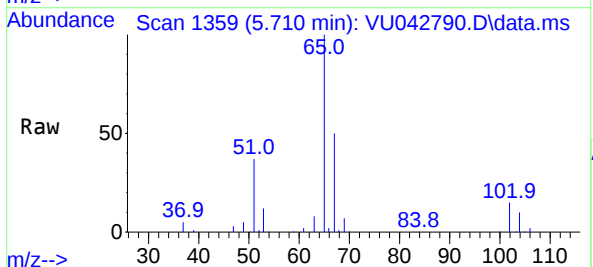
Instrument :
MSVOA_U
ClientSampleId :
110DL

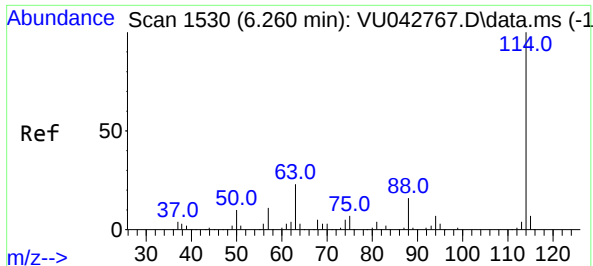
Tgt Ion:168 Resp: 133686
Ion Ratio Lower Upper
168 100
99 56.3 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 48.00 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

Tgt Ion: 65 Resp: 102287
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.8

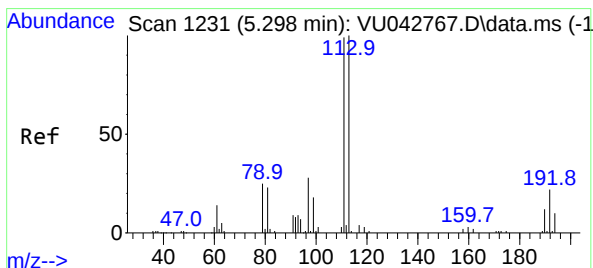
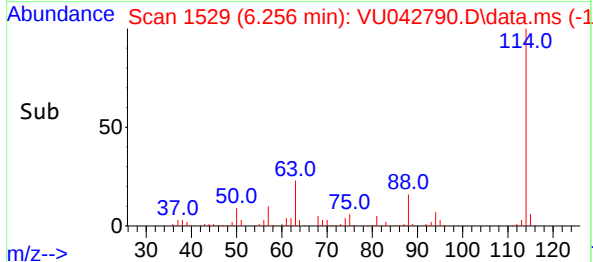
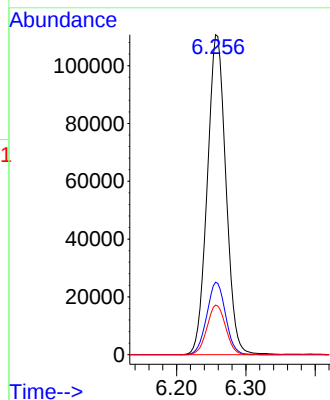
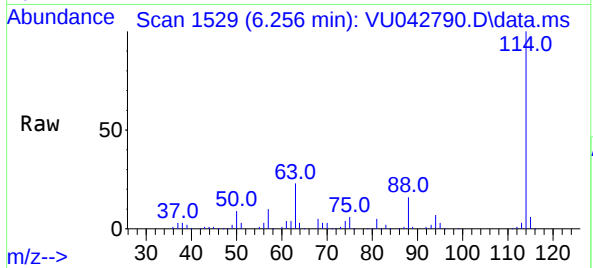




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

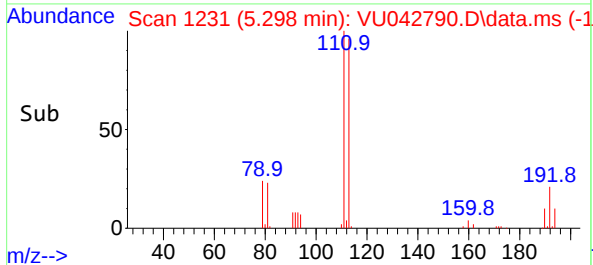
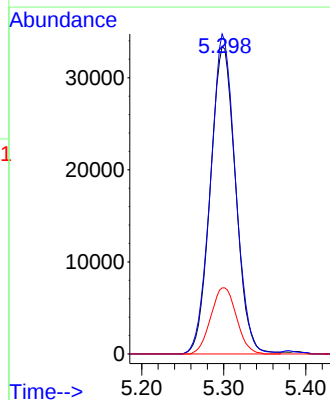
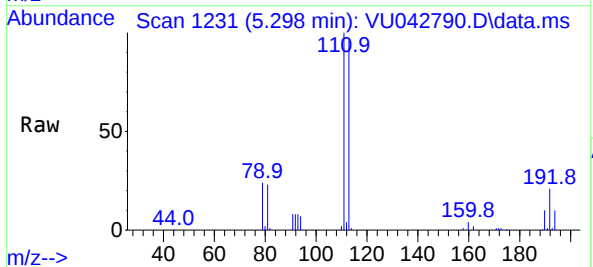
Instrument :
MSVOA_U
ClientSampleId :
110DL

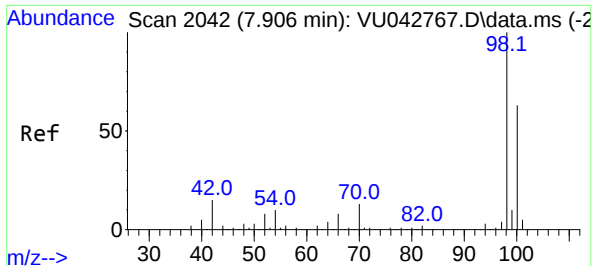
Tgt Ion:114 Resp: 206021
Ion Ratio Lower Upper
114 100
63 22.7 0.0 46.8
88 15.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.41 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

Tgt Ion:113 Resp: 71359
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 21.9 17.6 26.4

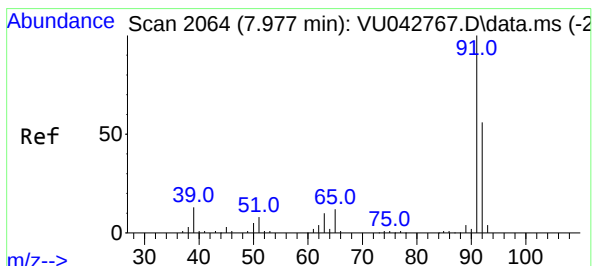
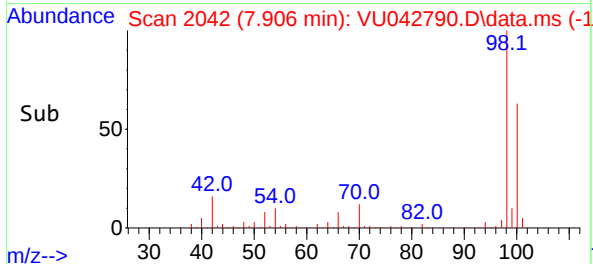
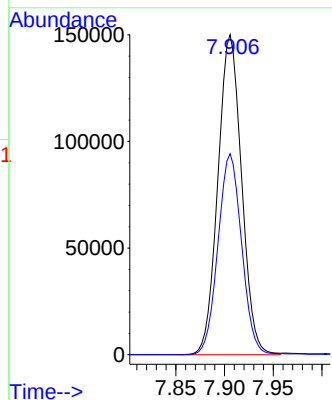
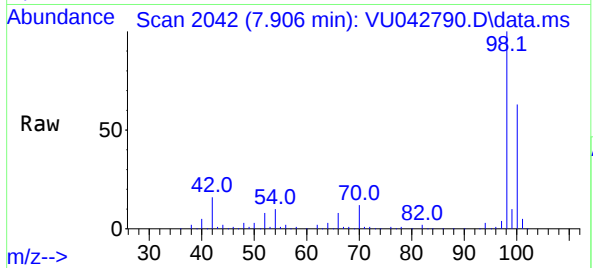




#50
Toluene-d8
Concen: 46.88 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

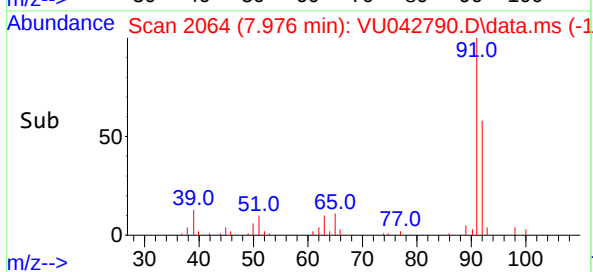
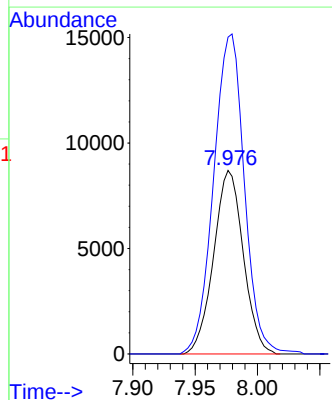
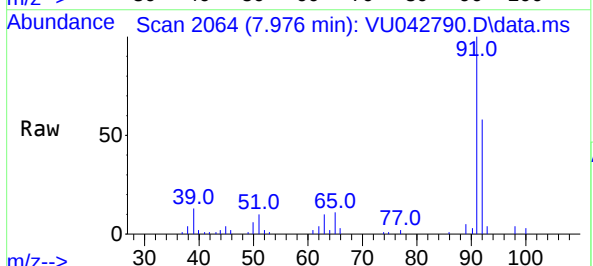
Instrument :
MSVOA_U
ClientSampled :
110DL

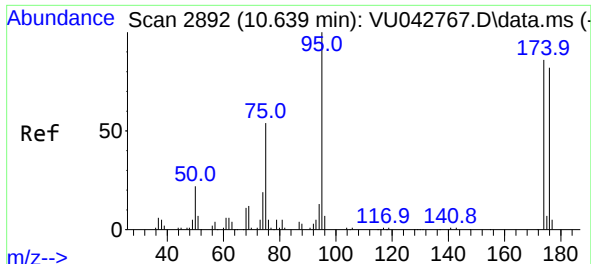
Tgt Ion: 98 Resp: 253598
Ion Ratio Lower Upper
98 100
100 63.0 50.4 75.6



#52
Toluene
Concen: 3.87 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

Tgt Ion: 92 Resp: 14428
Ion Ratio Lower Upper
92 100
91 180.9 140.6 210.8

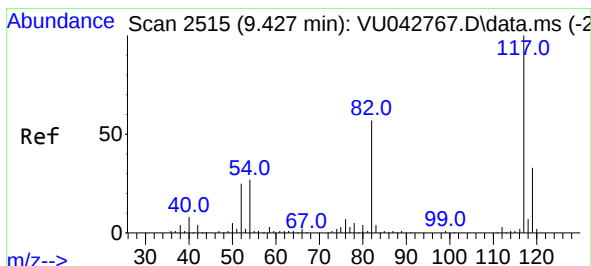
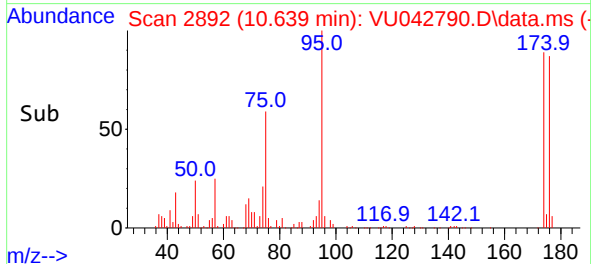
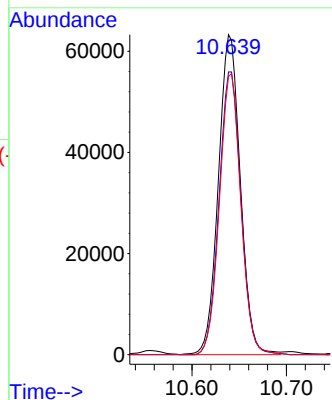
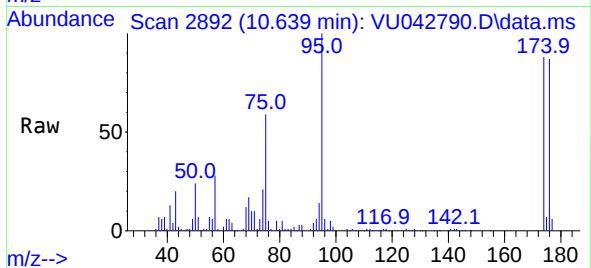




#62
4-Bromofluorobenzene
Concen: 48.56 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

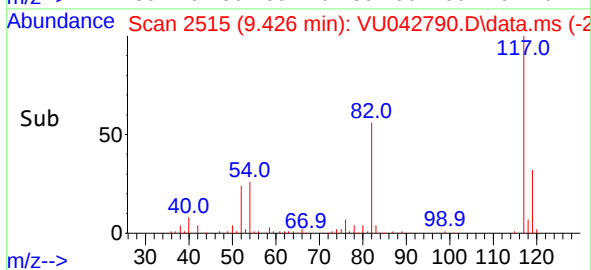
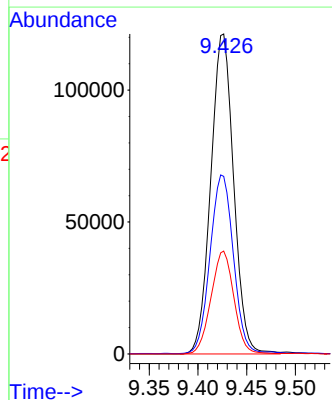
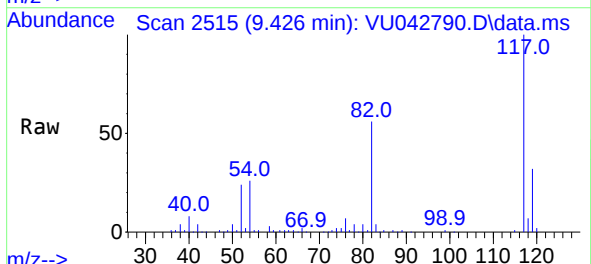
Instrument :
MSVOA_U
ClientSampleId :
110DL

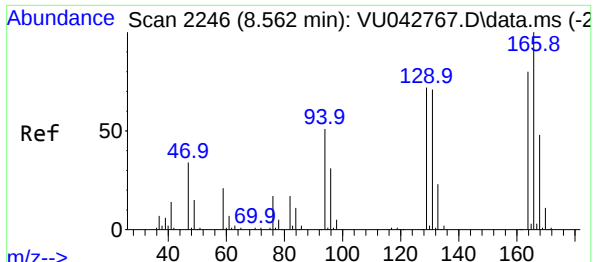
Tgt Ion: 95 Resp: 102085
Ion Ratio Lower Upper
95 100
174 88.5 0.0 175.2
176 85.5 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

Tgt Ion: 117 Resp: 198054
Ion Ratio Lower Upper
117 100
82 55.4 45.5 68.3
119 32.1 26.2 39.4



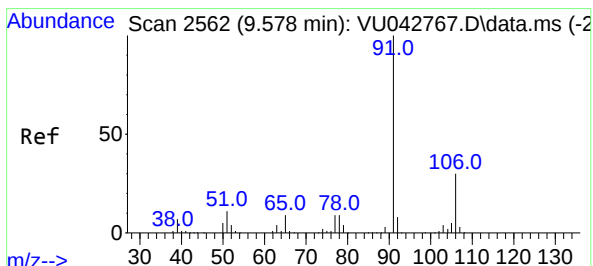
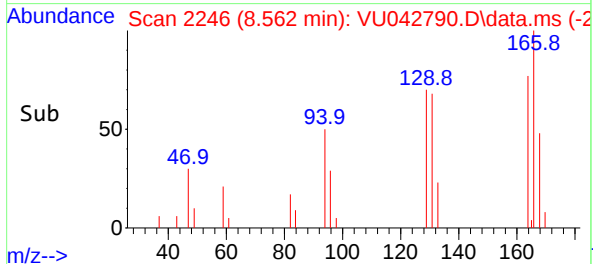
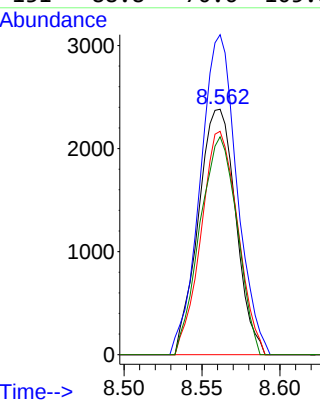
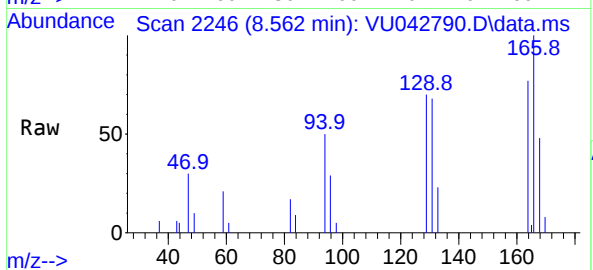


#64
Tetrachloroethene
Concen: 2.48 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

Instrument :
MSVOA_U
ClientSampled :
110DL

Tgt Ion:164 Resp: 3973

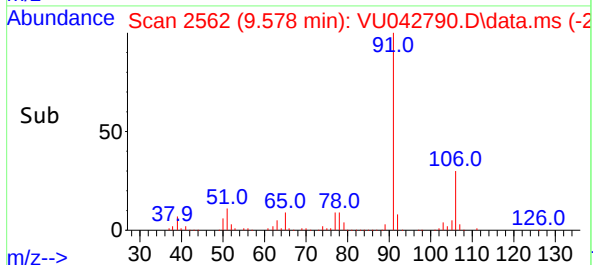
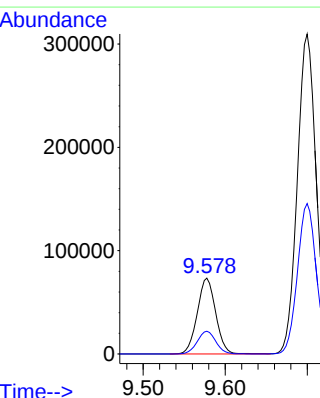
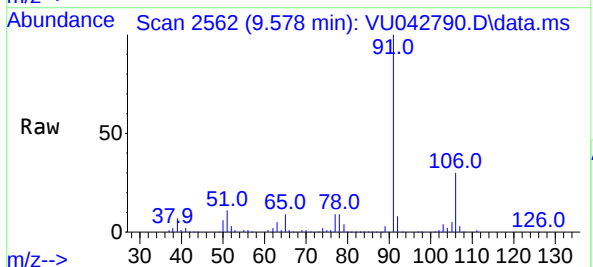
Ion	Ratio	Lower	Upper
164	100		
166	130.4	99.9	149.9
129	91.1	71.6	107.4
131	88.8	70.6	105.8

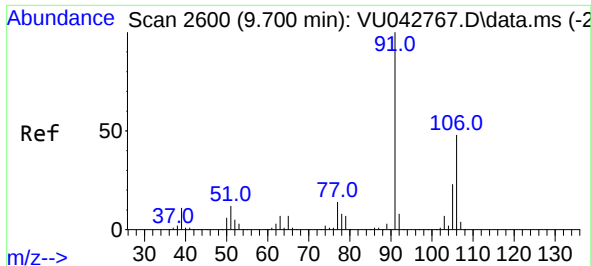


#67
Ethyl Benzene
Concen: 15.86 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

Tgt Ion: 91 Resp: 114516

Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.1	36.1

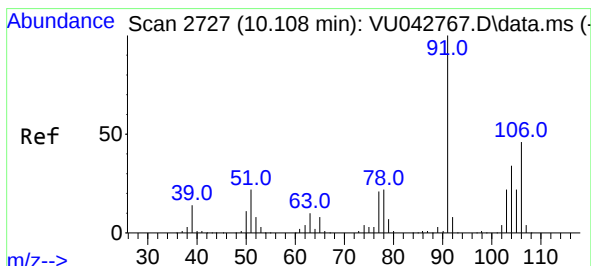
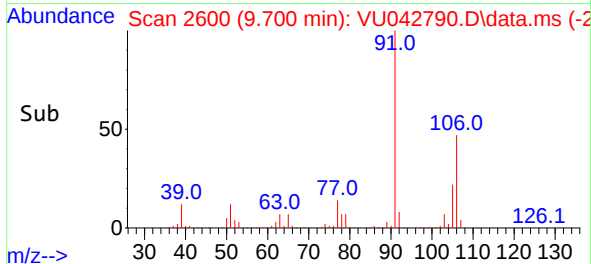
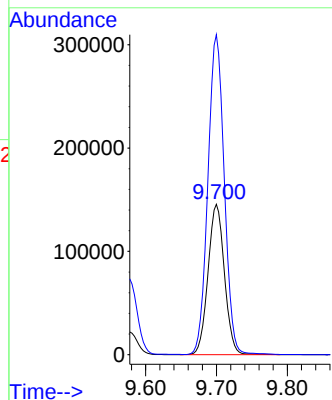
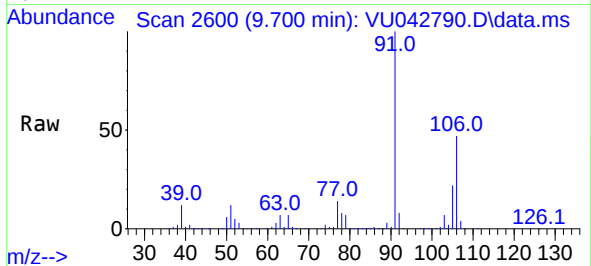




#68
m/p-Xylenes
Concen: 87.88 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

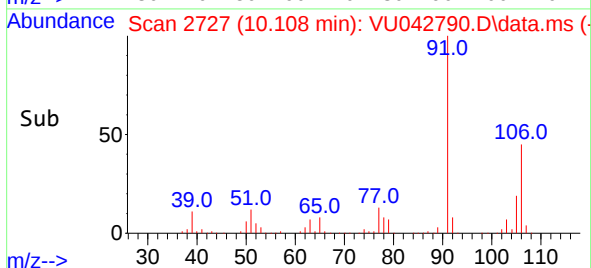
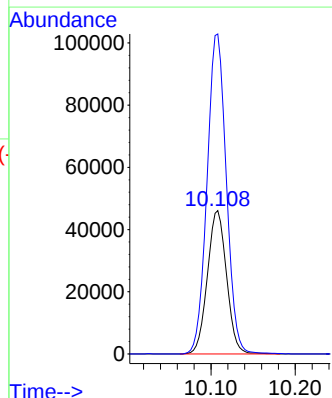
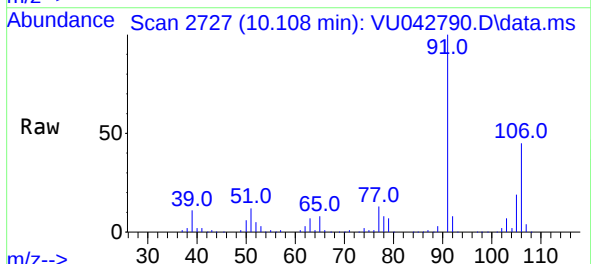
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ClientSampled :
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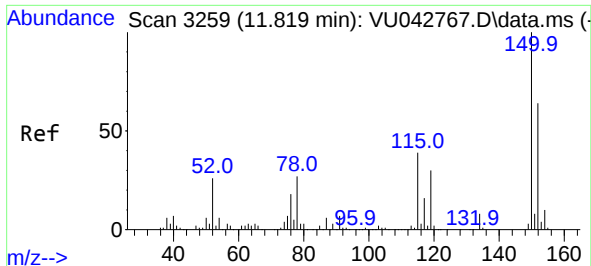
Tgt Ion:106 Resp: 233933
Ion Ratio Lower Upper
106 100
91 212.3 168.3 252.5



#69
o-Xylene
Concen: 28.28 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

Tgt Ion:106 Resp: 72874
Ion Ratio Lower Upper
106 100
91 224.9 109.9 329.7

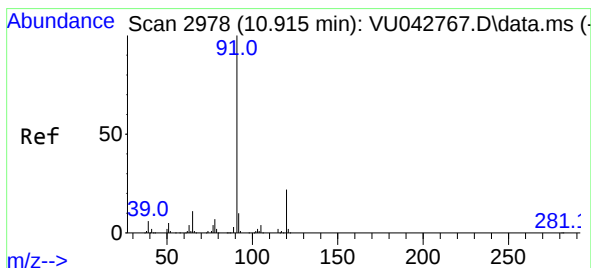
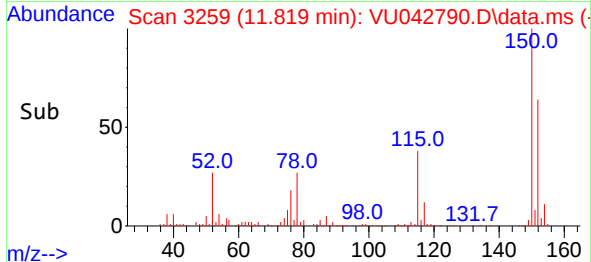
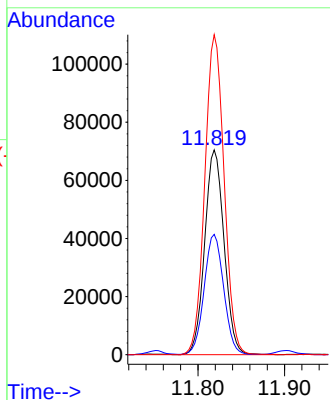
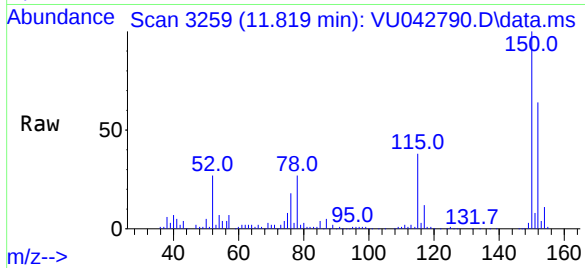




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

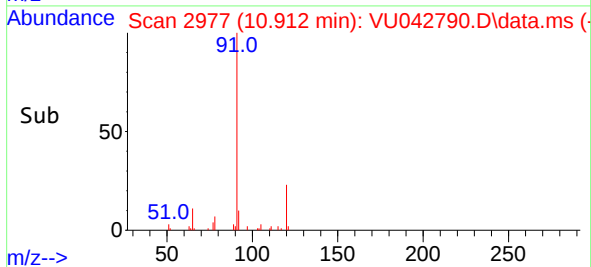
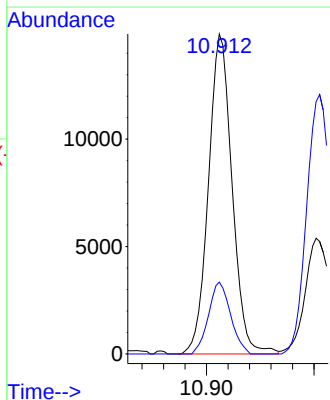
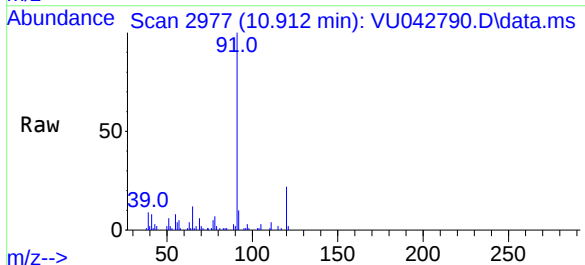
Instrument :
MSVOA_U
ClientSampled :
110DL

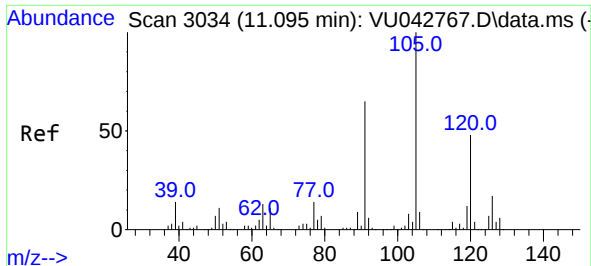
Tgt Ion:152 Resp: 109680
Ion Ratio Lower Upper
152 100
115 59.4 41.0 123.0
150 155.6 0.0 341.0



#78
n-propylbenzene
Concen: 2.78 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.003 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

Tgt Ion: 91 Resp: 22729
Ion Ratio Lower Upper
91 100
120 20.9 11.1 33.1

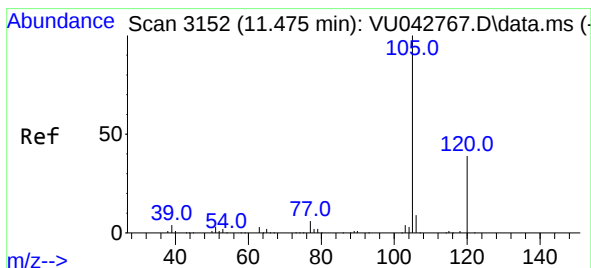
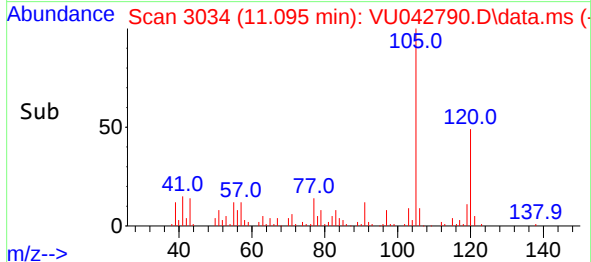
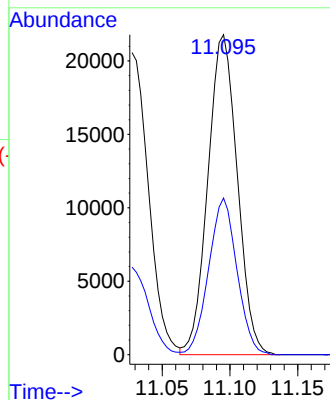
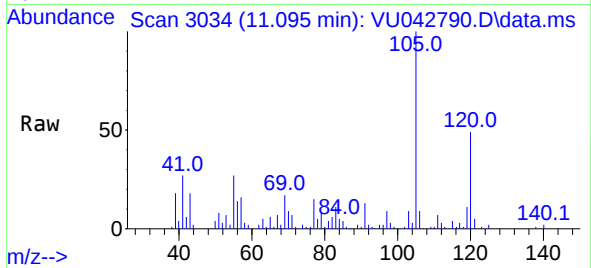




#80
1,3,5-Trimethylbenzene
Concen: 5.47 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

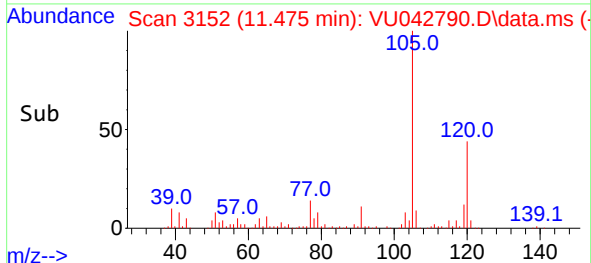
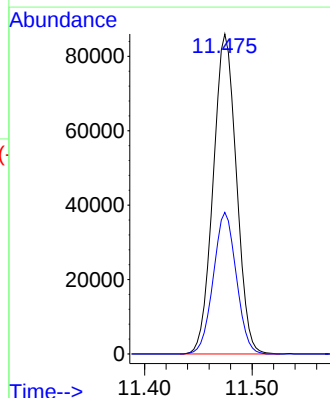
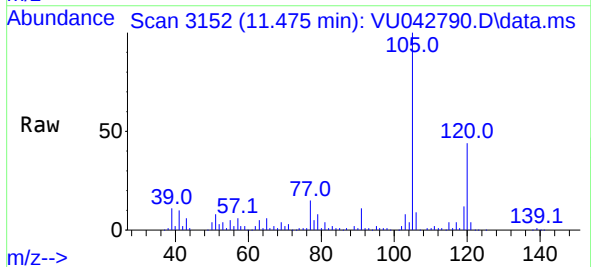
Instrument :
MSVOA_U
ClientSampleId :
110DL

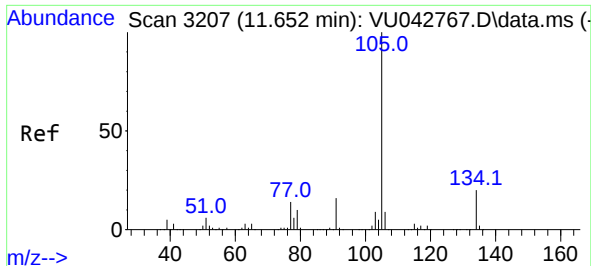
Tgt Ion:105 Resp: 32925
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.2



#84
1,2,4-Trimethylbenzene
Concen: 21.18 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

Tgt Ion:105 Resp: 128814
Ion Ratio Lower Upper
105 100
120 43.8 22.3 66.8

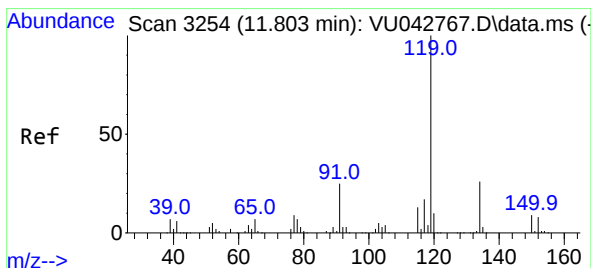
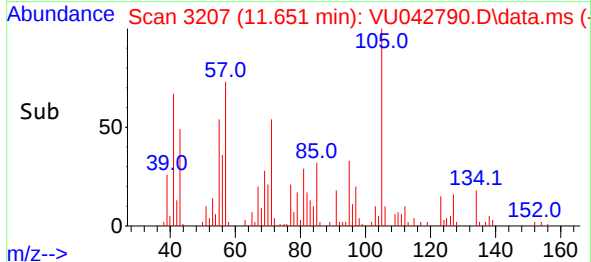
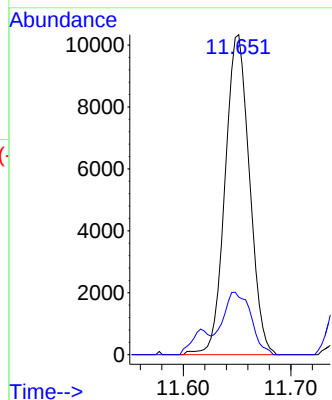
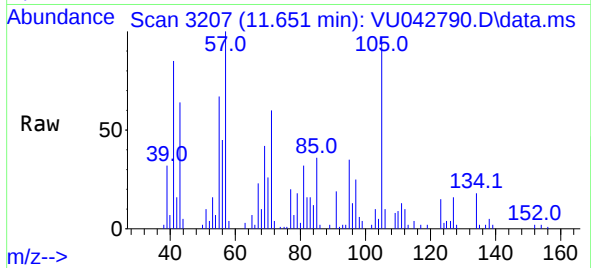




#85
sec-Butylbenzene
Concen: 2.39 ug/l
RT: 11.651 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

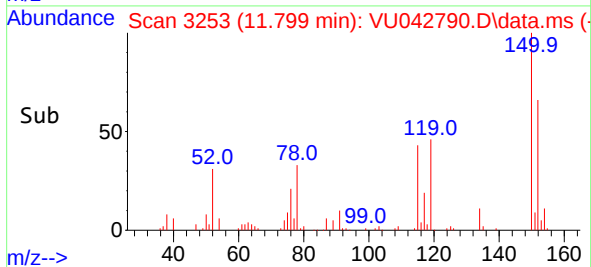
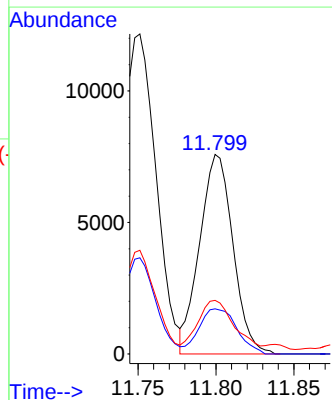
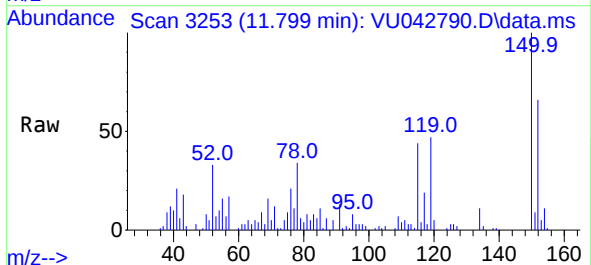
Instrument :
MSVOA_U
ClientSampled :
110DL

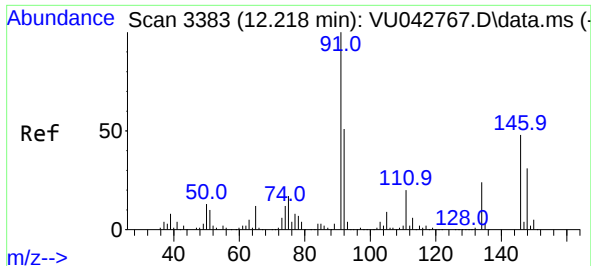
Tgt Ion:105 Resp: 16313
Ion Ratio Lower Upper
105 100
134 22.7 9.8 29.5



#86
p-Isopropyltoluene
Concen: 1.81 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

Tgt Ion:119 Resp: 11285
Ion Ratio Lower Upper
119 100
134 25.8 12.8 38.3
91 22.9 12.6 37.8

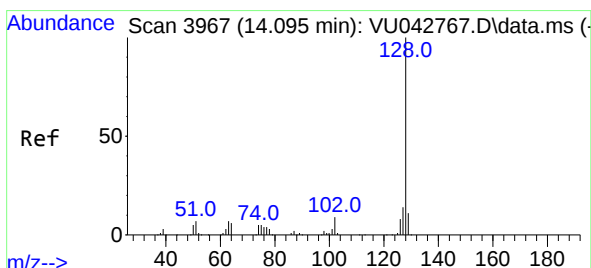
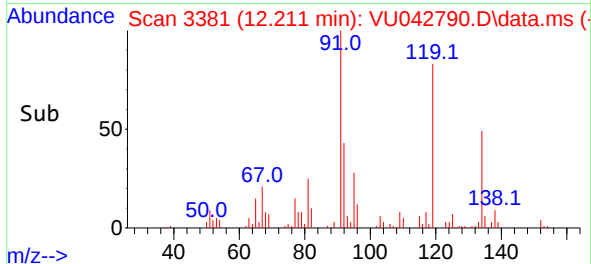
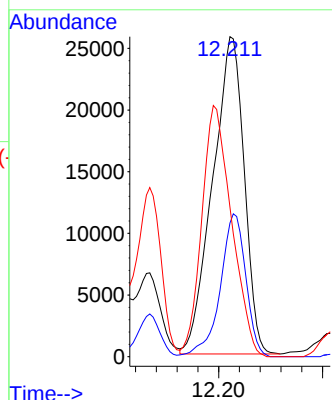
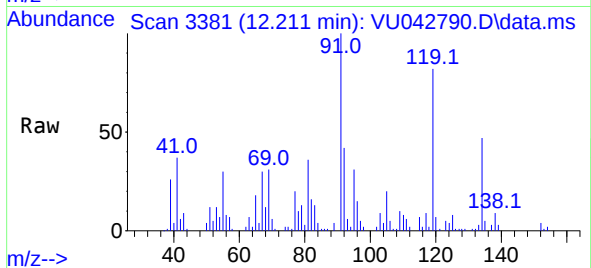




#89
n-Butylbenzene
Concen: 9.20 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.007 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

Instrument :
MSVOA_U
ClientSampleId :
110DL

Tgt Ion: 91 Resp: 54171
Ion Ratio Lower Upper
91 100
92 36.6 25.7 77.1
134 75.0 12.1 36.3#



#95
Naphthalene
Concen: 6.18 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU042790.D
Acq: 25 Mar 2021 17:08

Tgt Ion:128 Resp: 28235
Ion Ratio Lower Upper
128 100
127 16.2 10.9 16.3
129 5.7 8.7 13.1#

