

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042787.D
 Acq On : 25 Mar 2021 15:59
 Operator : SY/MD
 Sample : M1776-01 10X
 Misc : 1.0g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 110

Quant Time: Mar 26 02:06:44 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)

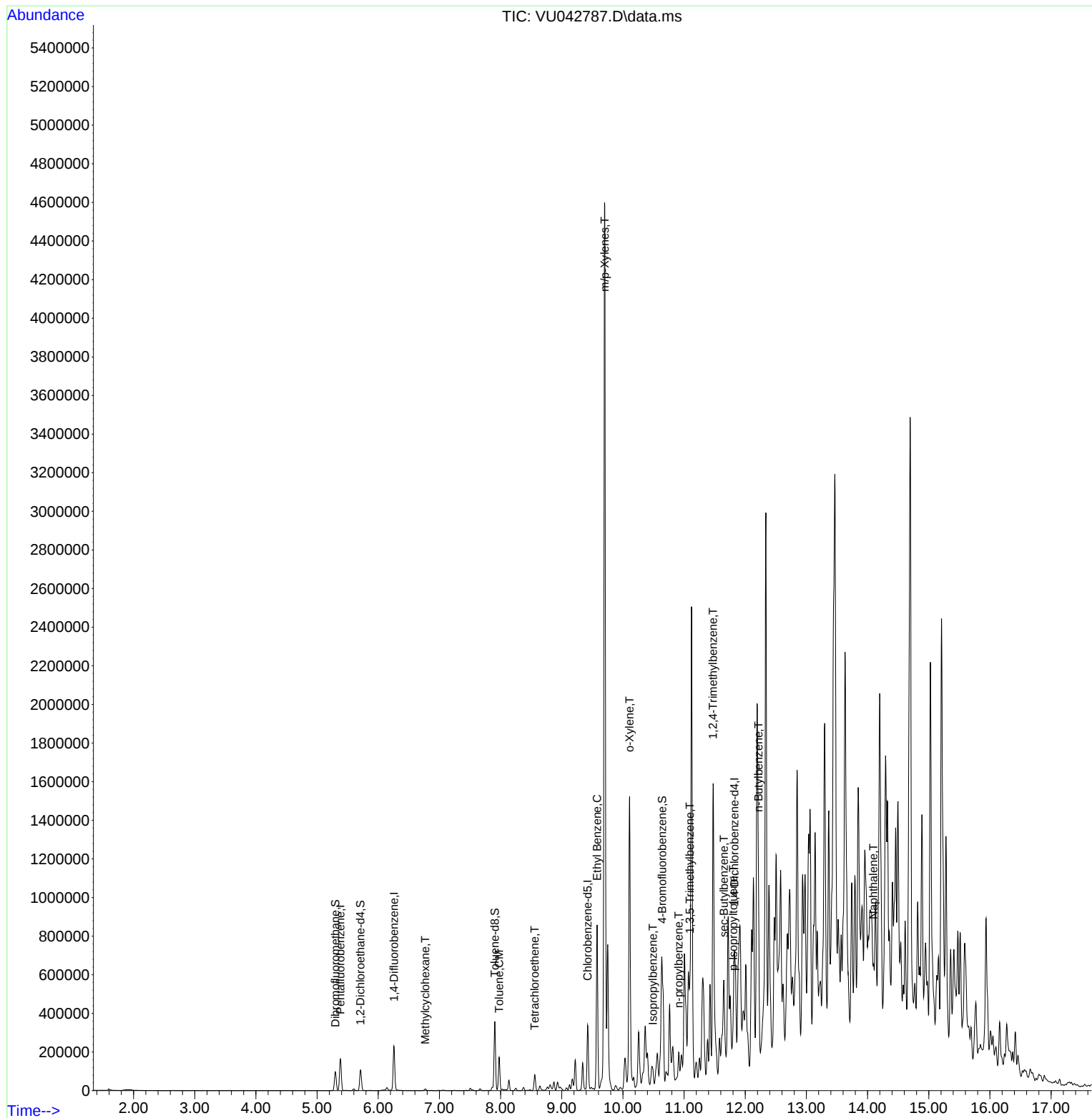
Internal Standards						
1) Pentafluorobenzene	5.382	168	109233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	168397	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	171954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	117656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	83356	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	5.298	113	59611	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
50) Toluene-d8	7.906	98	216598	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	10.642	95	101112	58.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.70%	
Target Compounds					Qvalue	
39) Methylcyclohexane	6.767	83	3164	1.66	ug/l	97
52) Toluene	7.976	92	66646	21.88	ug/l	98
64) Tetrachloroethene	8.558	164	17177	12.37	ug/l	97
67) Ethyl Benzene	9.578	91	539296	86.00	ug/l	98
68) m/p-Xylenes	9.703	106	1172397	507.28	ug/l	98
69) o-Xylene	10.108	106	359596	160.75	ug/l	97
73) Isopropylbenzene	10.491	105	29588	3.97	ug/l	99
78) n-propylbenzene	10.912	91	111625	12.73	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	170302	26.36	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	698090	106.99	ug/l	99
85) sec-Butylbenzene	11.651	105	88814	12.14	ug/l	99
86) p-Isopropyltoluene	11.803	119	59163	8.84	ug/l	99
89) n-Butylbenzene	12.214	91	313239	49.58	ug/l #	52
95) Naphthalene	14.095	128	147223	20.08	ug/l #	94

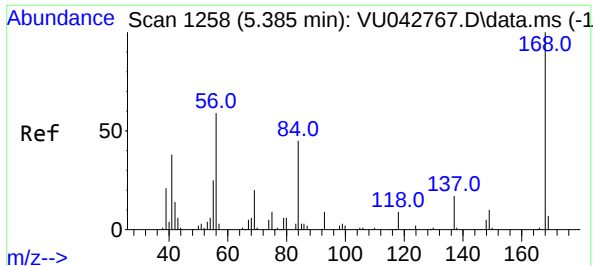
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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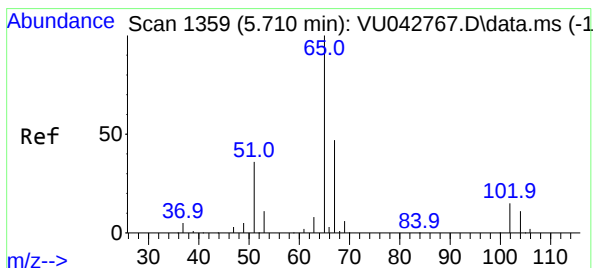
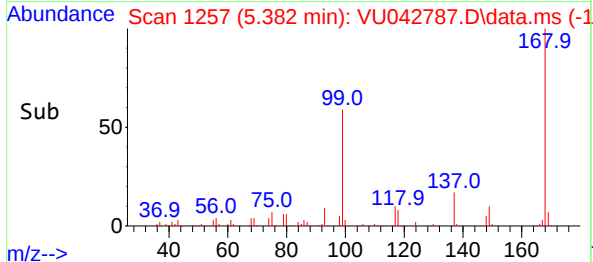
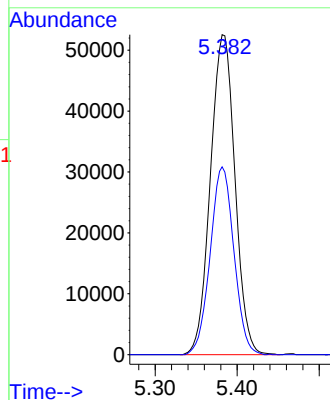
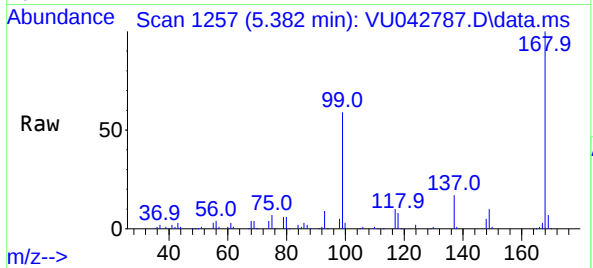




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

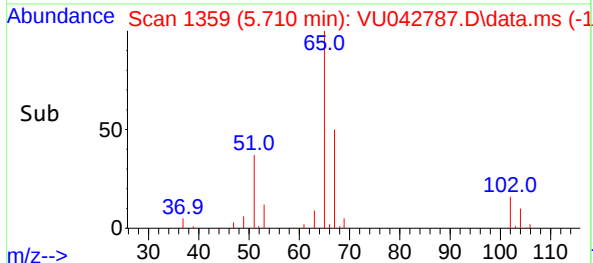
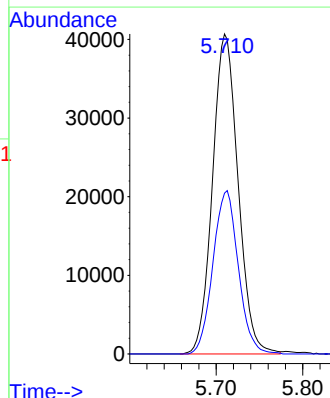
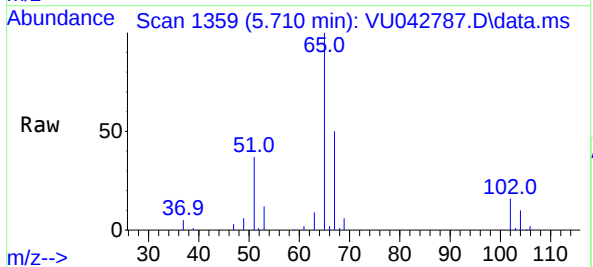
Instrument :
MSVOA_U
ClientSampled :
110

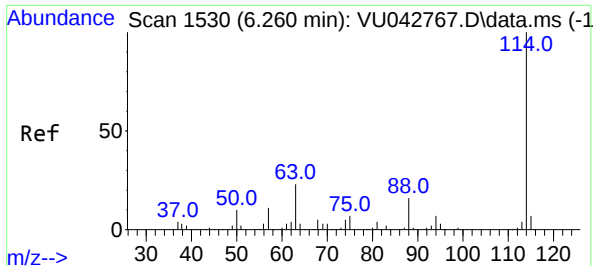
Tgt Ion:168 Resp: 109233
Ion Ratio Lower Upper
168 100
99 58.7 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 47.87 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

Tgt Ion: 65 Resp: 83356
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.8

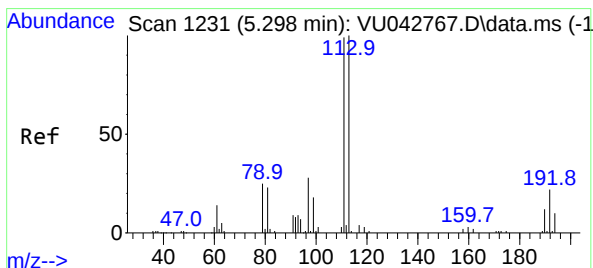
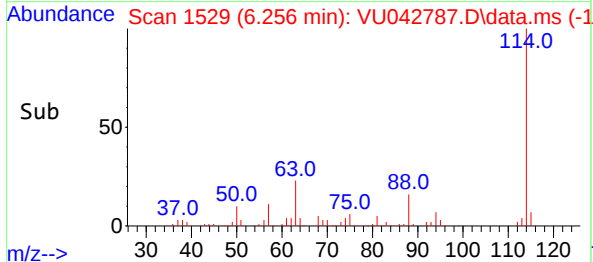
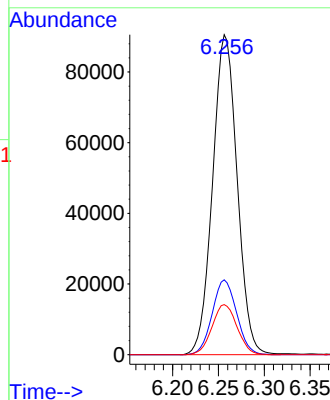
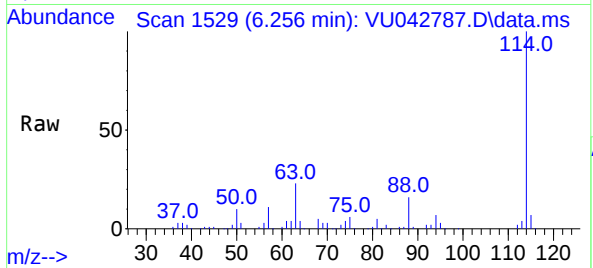




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

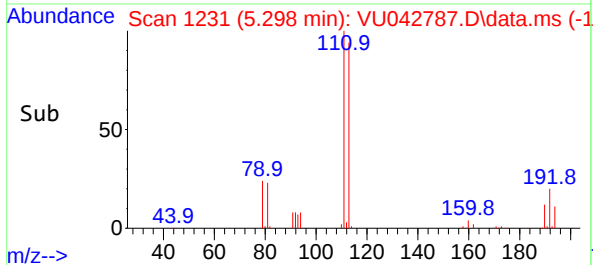
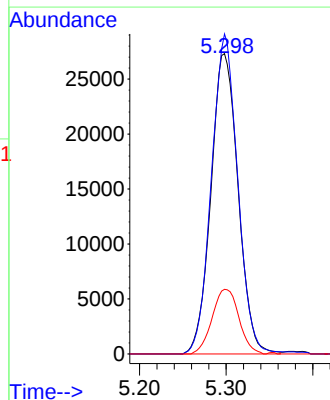
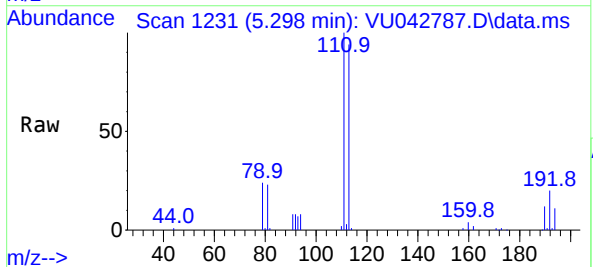
Instrument :
MSVOA_U
ClientSampled :
110

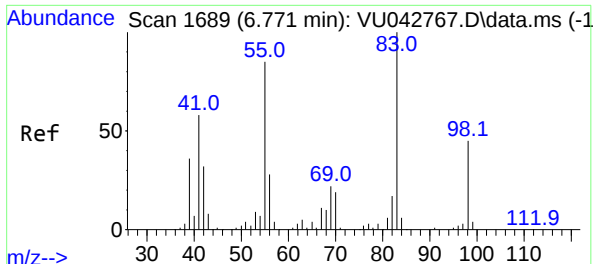
Tgt Ion:114 Resp: 168397
Ion Ratio Lower Upper
114 100
63 23.4 0.0 46.8
88 15.6 0.0 32.2



#35
Dibromofluoromethane
Concen: 47.43 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

Tgt Ion:113 Resp: 59611
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 21.2 17.6 26.4





#39

Methylcyclohexane

Concen: 1.66 ug/l

RT: 6.767 min Scan# 1688

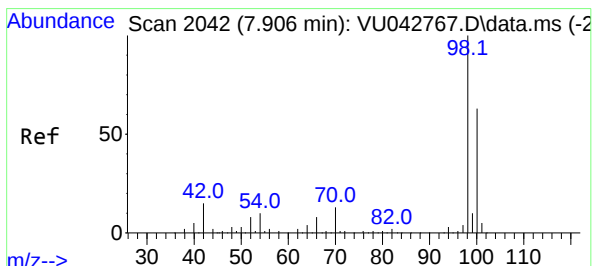
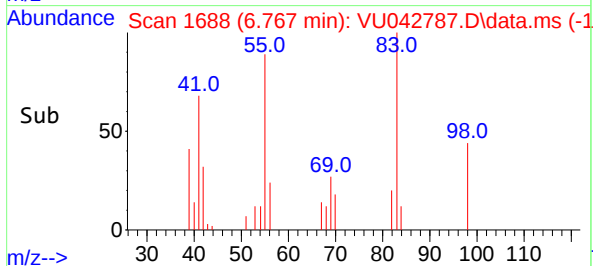
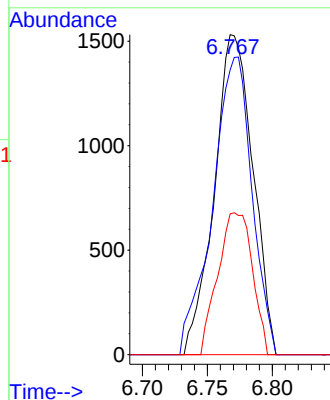
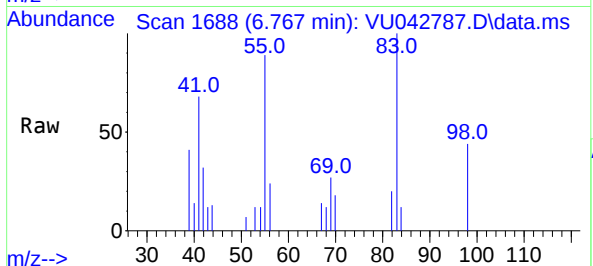
Delta R.T. -0.003 min

Lab File: VU042787.D

Acq: 25 Mar 2021 15:59

Tgt Ion:	83	Resp:	3164
Ion	Ratio	Lower	Upper
83	100		
55	89.0	68.2	102.4
98	44.0	36.3	54.5

Instrument :
MSVOA_U
ClientSampled :
110



#50

Toluene-d8

Concen: 48.99 ug/l

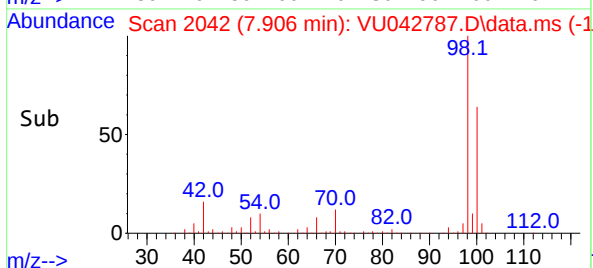
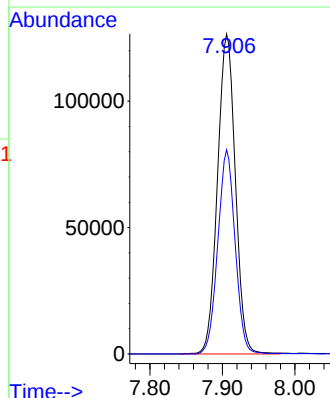
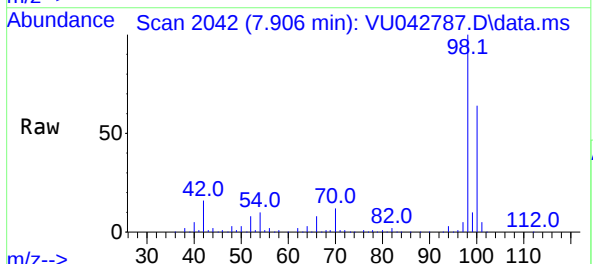
RT: 7.906 min Scan# 2042

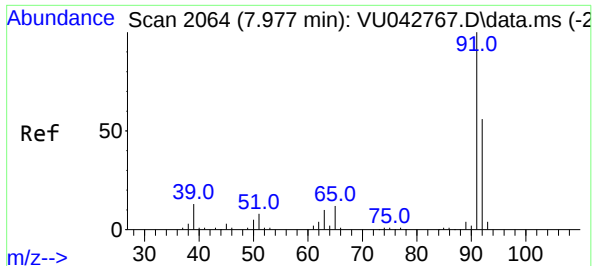
Delta R.T. -0.000 min

Lab File: VU042787.D

Acq: 25 Mar 2021 15:59

Tgt Ion:	98	Resp:	216598
Ion	Ratio	Lower	Upper
98	100		
100	61.7	50.4	75.6

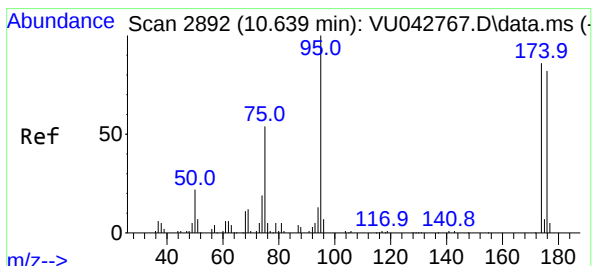
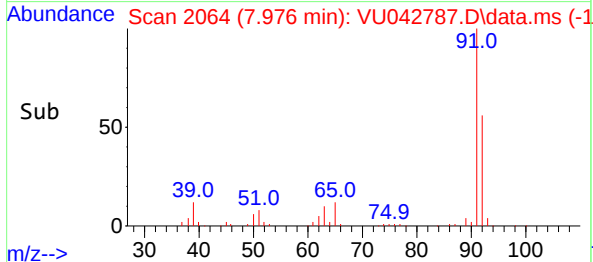
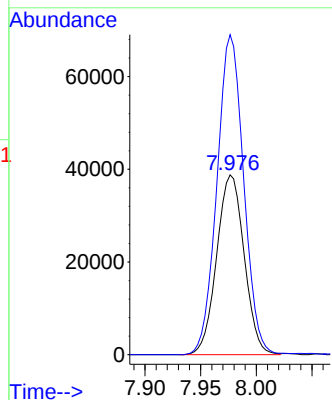
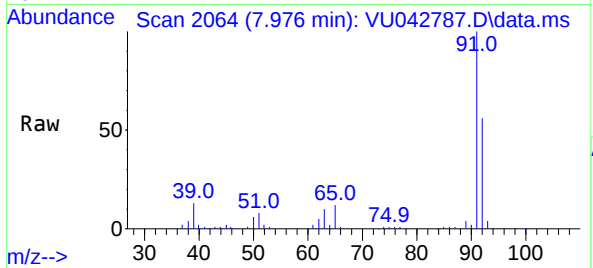




#52
Toluene
Concen: 21.88 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

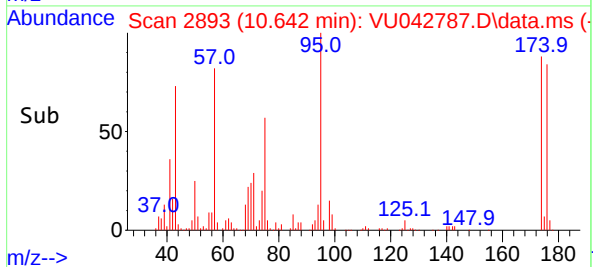
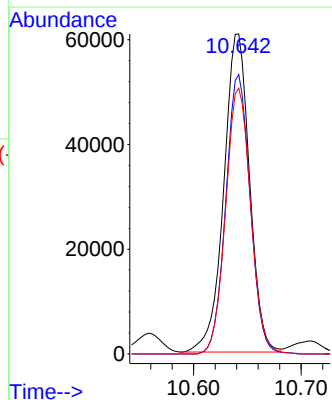
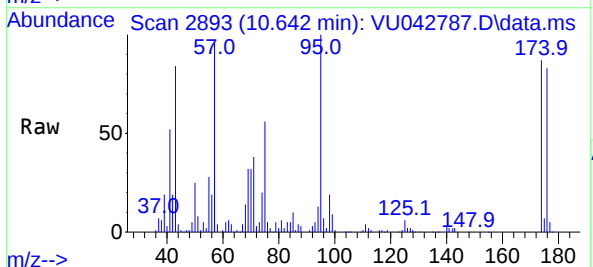
Instrument :
MSVOA_U
ClientSampled :
110

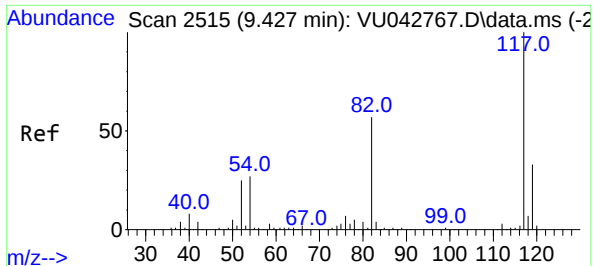
Tgt Ion: 92 Resp: 66646
Ion Ratio Lower Upper
92 100
91 173.0 140.6 210.8



#62
4-Bromofluorobenzene
Concen: 58.85 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

Tgt Ion: 95 Resp: 101112
Ion Ratio Lower Upper
95 100
174 83.2 0.0 175.2
176 81.2 0.0 167.4

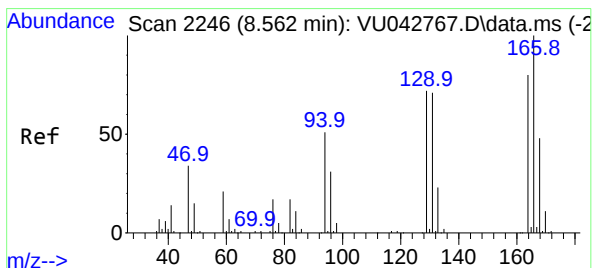
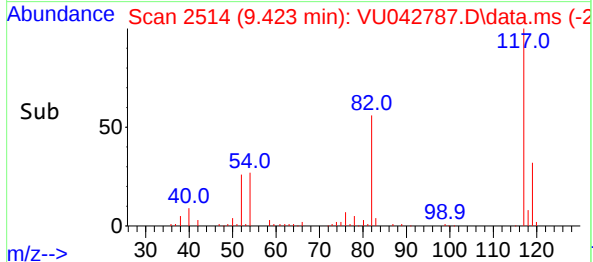
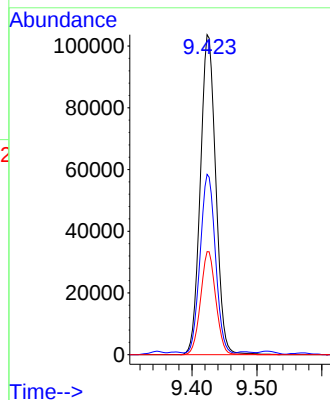
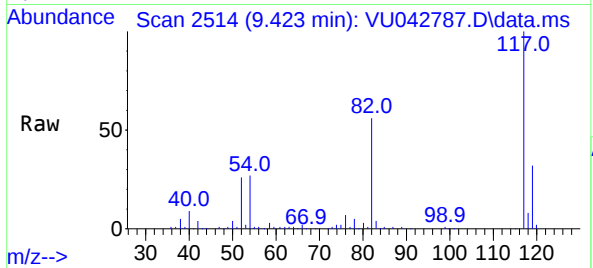




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

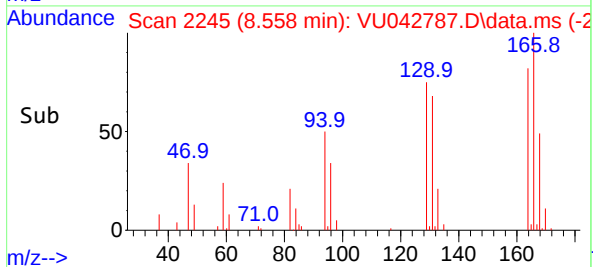
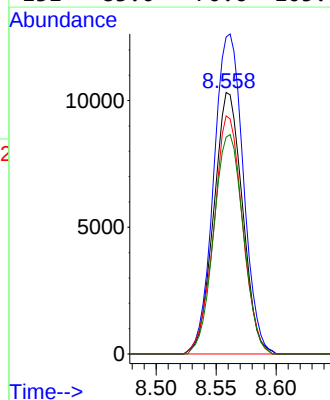
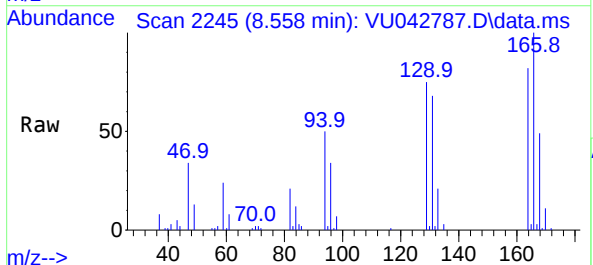
Instrument :
MSVOA_U
ClientSampleId :
110

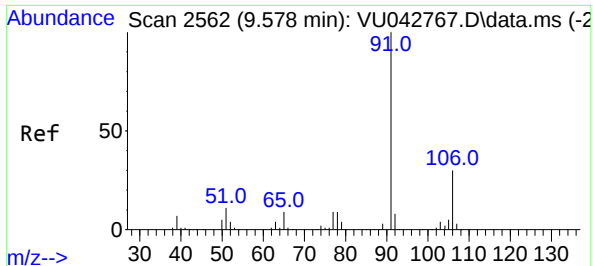
Tgt Ion:117 Resp: 171954
Ion Ratio Lower Upper
117 100
82 56.0 45.5 68.3
119 32.2 26.2 39.4



#64
Tetrachloroethene
Concen: 12.37 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

Tgt Ion:164 Resp: 17177
Ion Ratio Lower Upper
164 100
166 121.3 99.9 149.9
129 91.1 71.6 107.4
131 83.0 70.6 105.8





#67

Ethyl Benzene

Concen: 86.00 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU042787.D

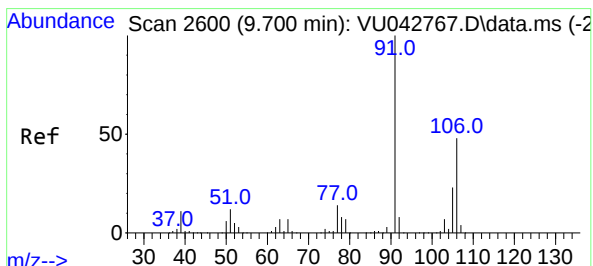
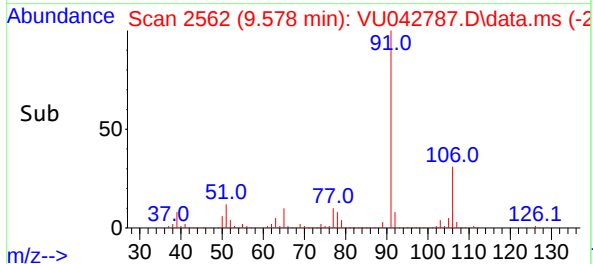
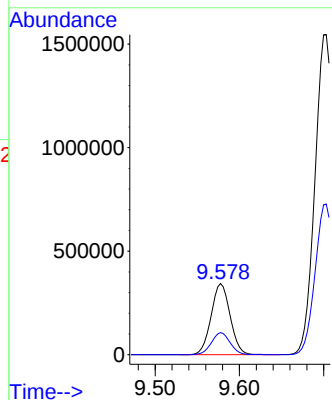
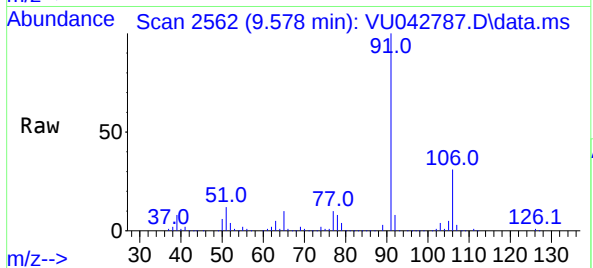
Acq: 25 Mar 2021 15:59

Tgt Ion: 91 Resp: 539296

Ion Ratio Lower Upper

91 100

106 31.1 24.1 36.1



#68

m/p-Xylenes

Concen: 507.28 ug/l

RT: 9.703 min Scan# 2601

Delta R.T. 0.003 min

Lab File: VU042787.D

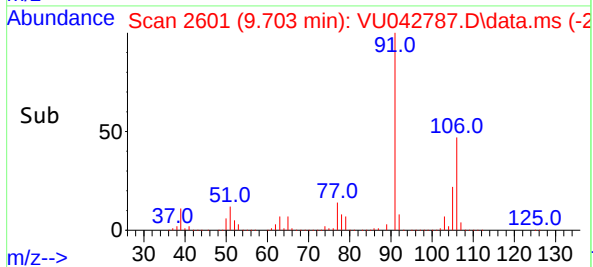
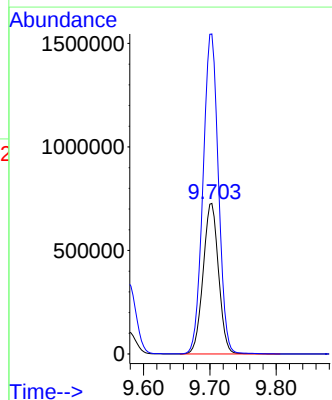
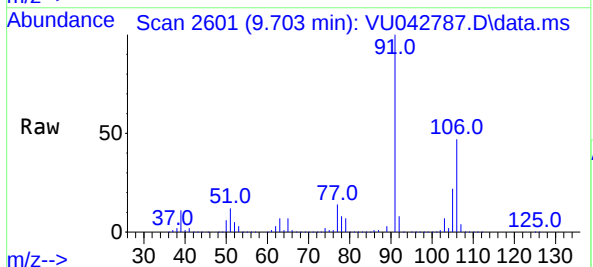
Acq: 25 Mar 2021 15:59

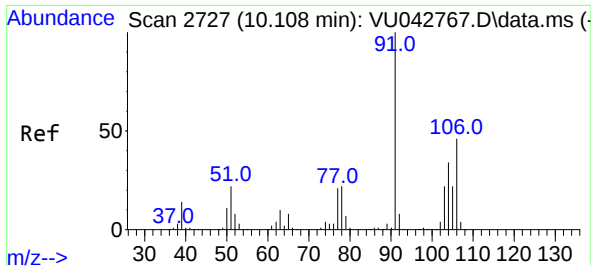
Tgt Ion:106 Resp: 1172397

Ion Ratio Lower Upper

106 100

91 212.9 168.3 252.5

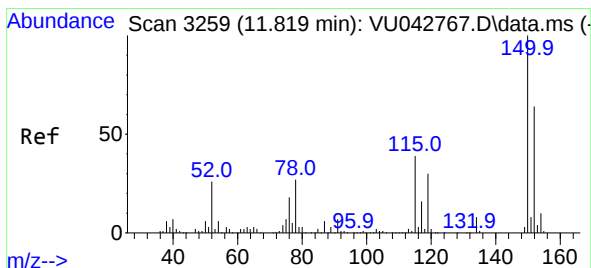
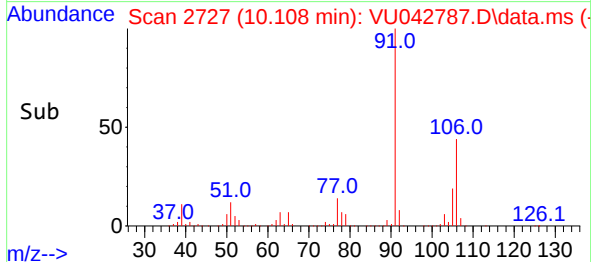
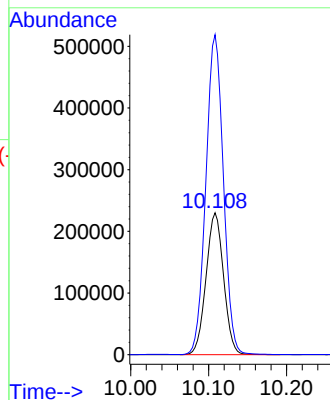
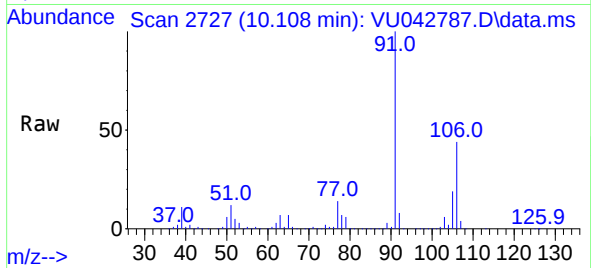




#69
o-Xylene
Concen: 160.75 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

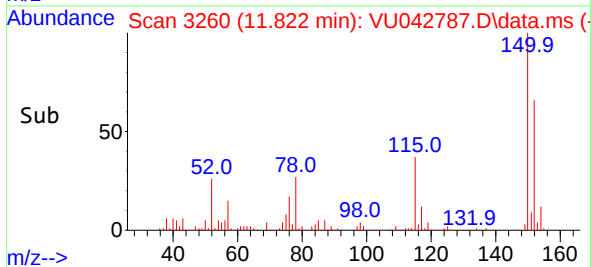
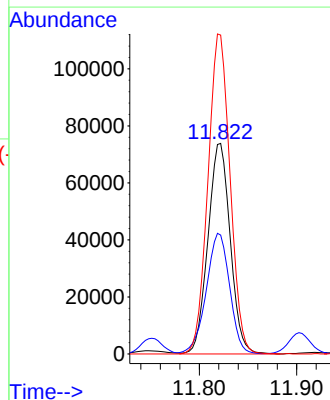
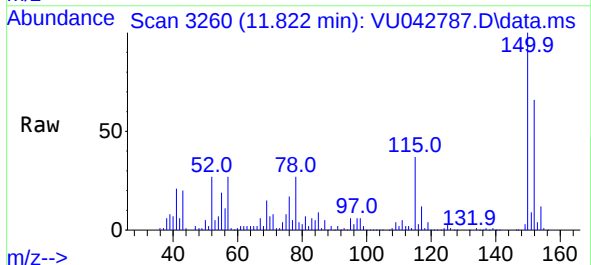
Instrument :
MSVOA_U
ClientSampled :
110

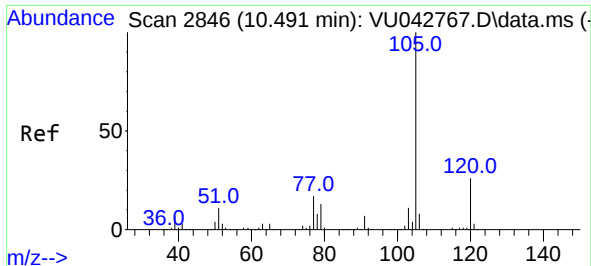
Tgt Ion:106 Resp: 359596
Ion Ratio Lower Upper
106 100
91 225.2 109.9 329.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

Tgt Ion:152 Resp: 117656
Ion Ratio Lower Upper
152 100
115 60.2 41.0 123.0
150 150.5 0.0 341.0

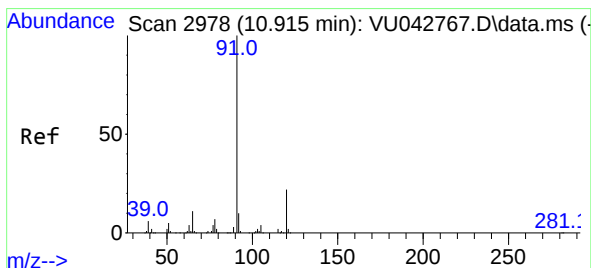
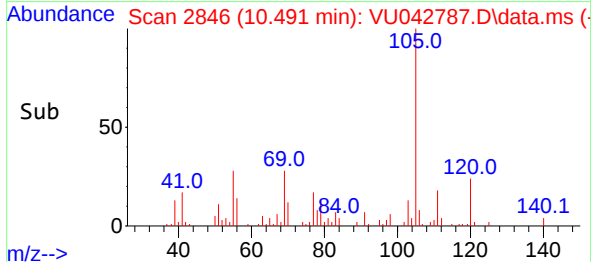
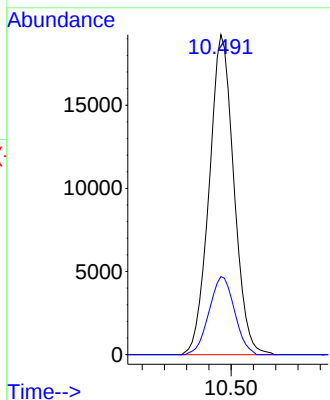
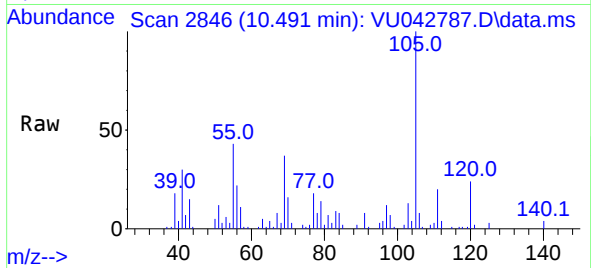




#73
Isopropylbenzene
Concen: 3.97 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

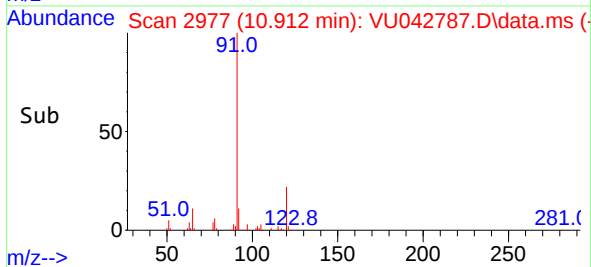
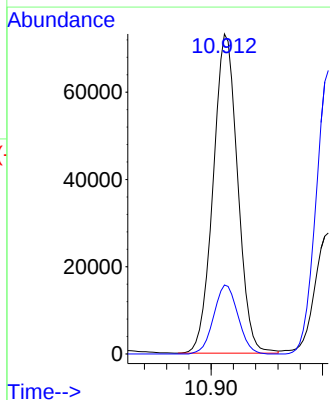
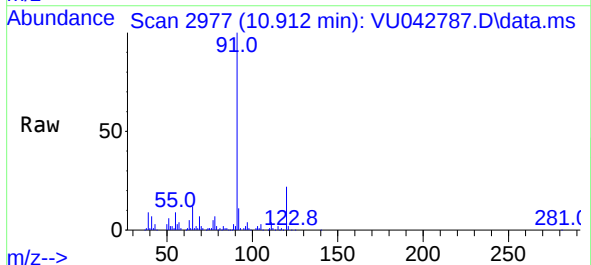
Instrument :
MSVOA_U
ClientSampled :
110

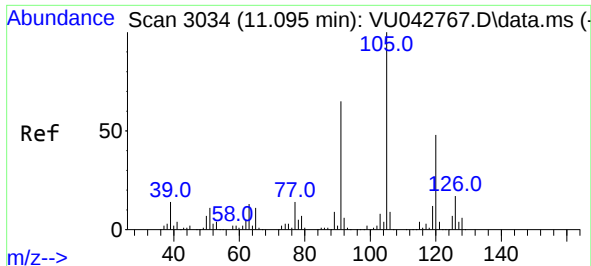
Tgt Ion:105 Resp: 29588
Ion Ratio Lower Upper
105 100
120 25.2 12.9 38.6



#78
n-propylbenzene
Concen: 12.73 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.003 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

Tgt Ion: 91 Resp: 111625
Ion Ratio Lower Upper
91 100
120 21.4 11.1 33.1

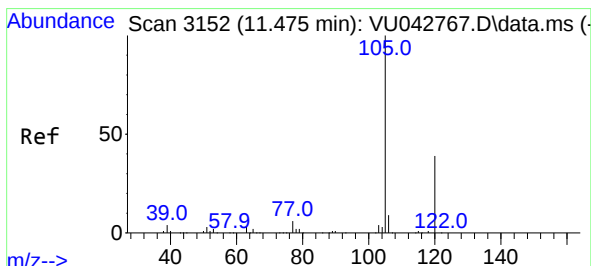
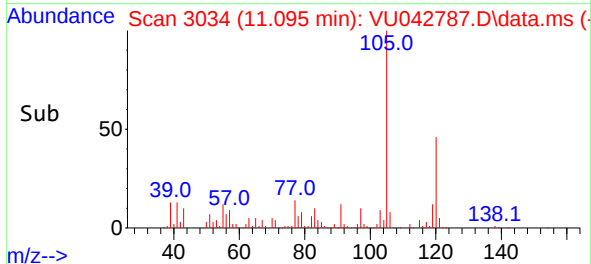
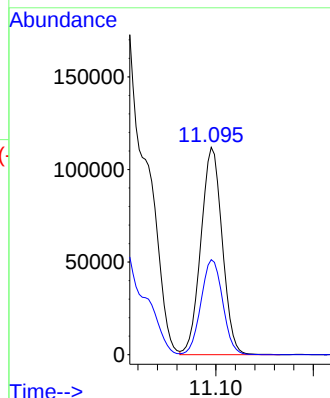
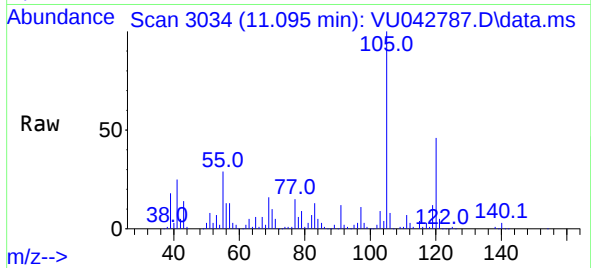




#80
1,3,5-Trimethylbenzene
Concen: 26.36 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

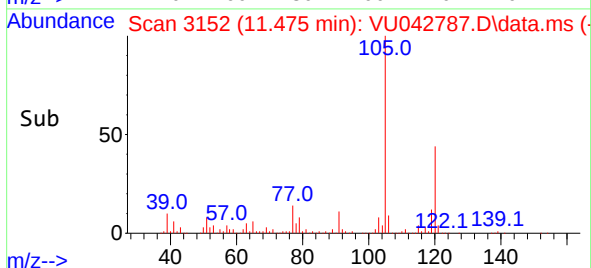
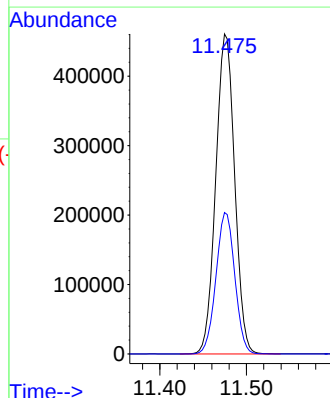
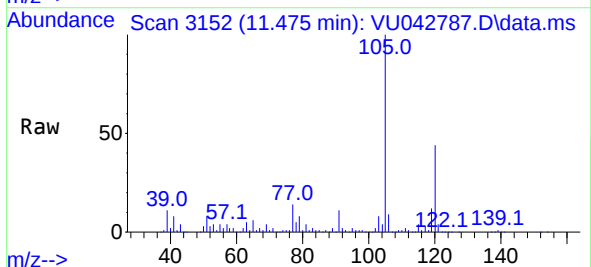
Instrument :
MSVOA_U
ClientSampleId :
110

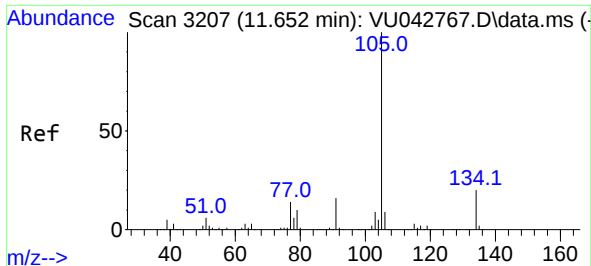
Tgt Ion:105 Resp: 170302
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.2



#84
1,2,4-Trimethylbenzene
Concen: 106.99 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

Tgt Ion:105 Resp: 698090
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.8

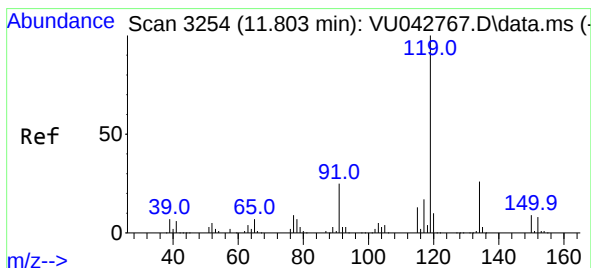
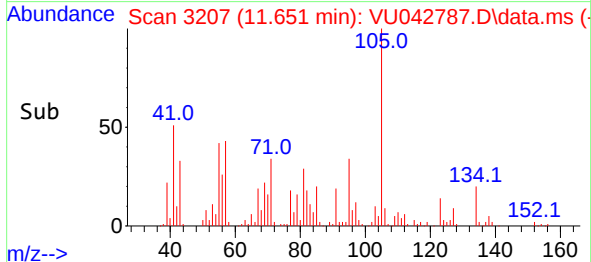
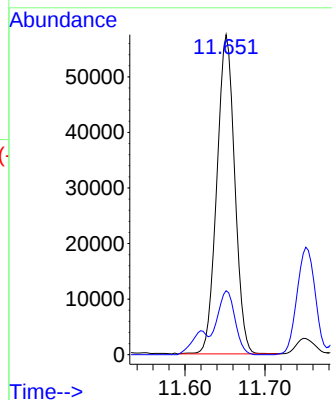
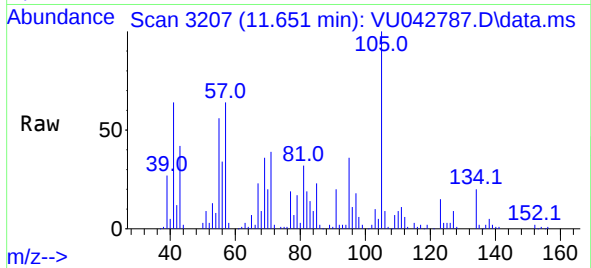




#85
 sec-Butylbenzene
 Concen: 12.14 ug/l
 RT: 11.651 min Scan# 3207
 Delta R.T. -0.000 min
 Lab File: VU042787.D
 Acq: 25 Mar 2021 15:59

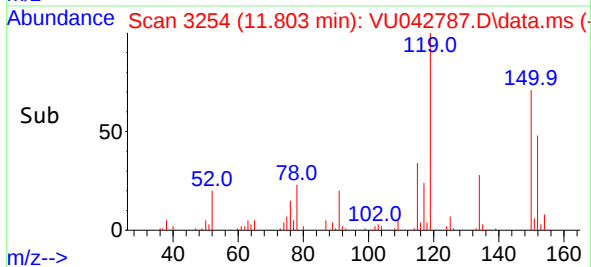
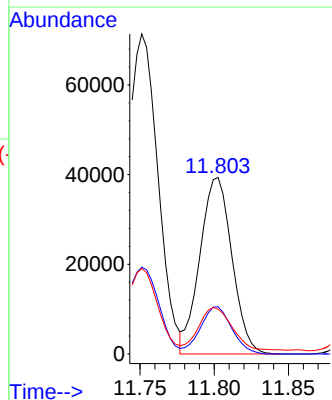
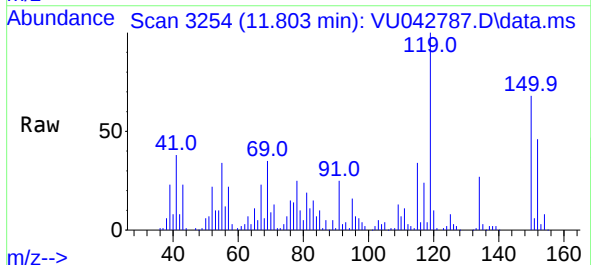
Instrument :
 MSVOA_U
 ClientSampled :
 110

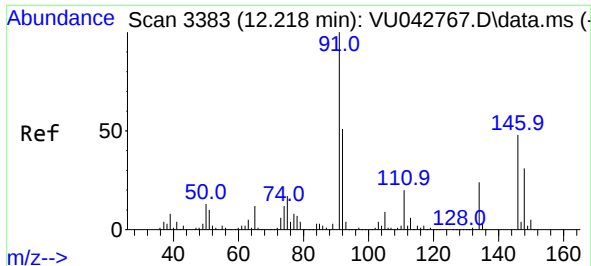
Tgt Ion:105 Resp: 88814
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 8.84 ug/l
 RT: 11.803 min Scan# 3254
 Delta R.T. -0.000 min
 Lab File: VU042787.D
 Acq: 25 Mar 2021 15:59

Tgt Ion:119 Resp: 59163
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 24.5 12.6 37.8

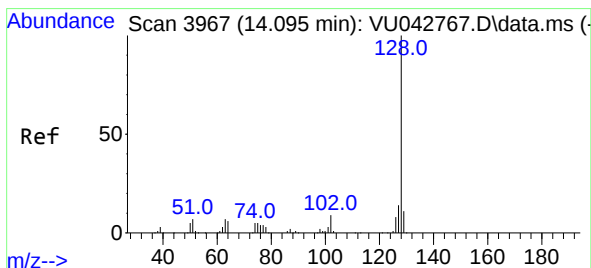
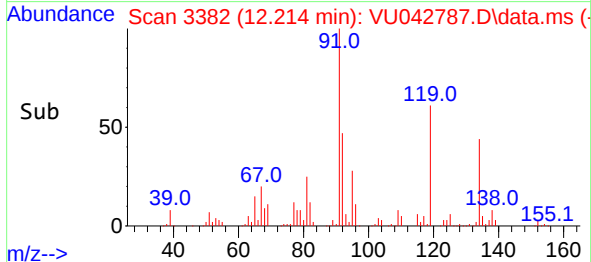
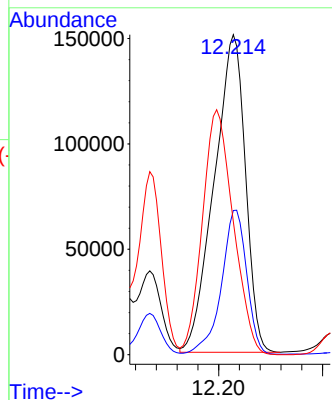
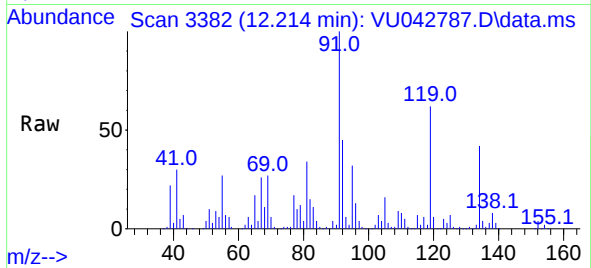




#89
n-Butylbenzene
Concen: 49.58 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

Instrument :
MSVOA_U
ClientSampled :
110

Tgt Ion: 91 Resp: 313239
Ion Ratio Lower Upper
91 100
92 36.9 25.7 77.1
134 76.5 12.1 36.3#



#95
Naphthalene
Concen: 20.08 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042787.D
Acq: 25 Mar 2021 15:59

Tgt Ion:128 Resp: 147223
Ion Ratio Lower Upper
128 100
127 14.9 10.9 16.3
129 14.5 8.7 13.1#

