

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042854.D
 Acq On : 31 Mar 2021 13:59
 Operator : SY/MD
 Sample : M1836-14 10X
 Misc : 11.71g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B6-10-12

Quant Time: Apr 01 04:41:12 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)

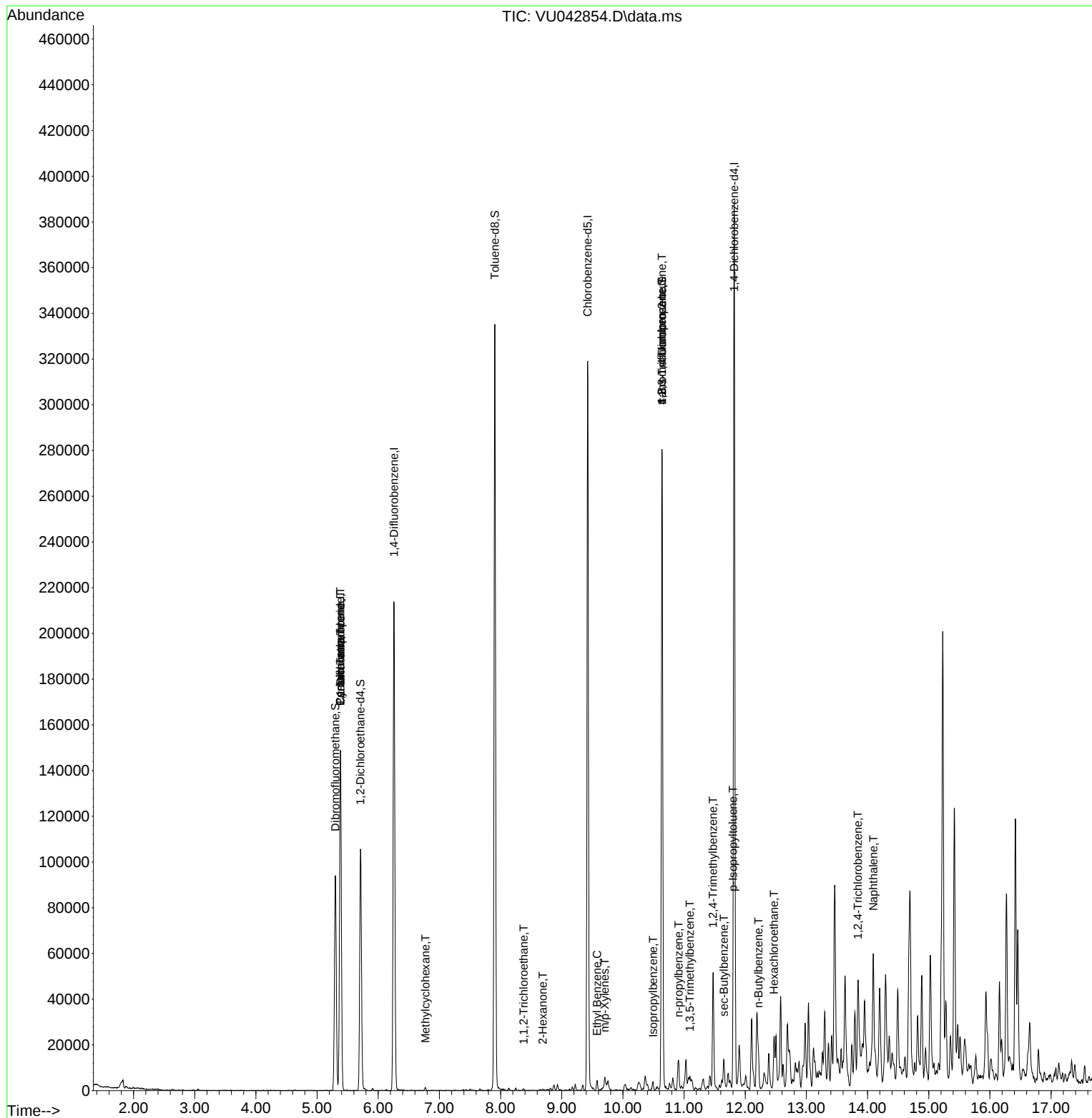
Internal Standards						
1) Pentafluorobenzene	5.382	168	101858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	162156	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	160052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	82339	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
35) Dibromofluoromethane	5.298	113	56500	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
50) Toluene-d8	7.906	98	203486	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
62) 4-Bromofluorobenzene	10.639	95	81046	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
Target Compounds					Qvalue	
16) Acetone	2.642	43	611	Below Cal	#	48
31) Cyclohexane	5.382	56	2611	1.29	ug/l #	35
36) 1,1-Dichloropropene	5.382	75	8773	5.47	ug/l #	50
38) Carbon Tetrachloride	5.382	117	10137	5.54	ug/l #	17
39) Methylcyclohexane	6.771	83	498	0.27	ug/l #	78
55) 1,1,2-Trichloroethane	8.378	97	384	0.30	ug/l #	15
59) 2-Hexanone	8.690	43	545	0.26	ug/l #	55
67) Ethyl Benzene	9.578	91	3128	0.54	ug/l	92
68) m/p-Xylenes	9.703	106	1473	0.68	ug/l	92
73) Isopropylbenzene	10.494	105	2550	0.44	ug/l	99
76) 1,2,3-Trichloropropane	10.639	75	46570	19.86	ug/l #	38
78) n-propylbenzene	10.912	91	6262	0.91	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	2951	0.58	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.639	75	46570	58.85	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.475	105	25623	5.01	ug/l	99
85) sec-Butylbenzene	11.651	105	6884	1.20	ug/l	100
86) p-Isopropyltoluene	11.799	119	3892	0.74	ug/l	94
89) n-Butylbenzene	12.217	91	8170	1.65	ug/l #	71
90) Hexachloroethane	12.468	117	1201	1.21	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.841	180	477	0.25	ug/l #	1
95) Naphthalene	14.095	128	42785	9.07	ug/l #	95

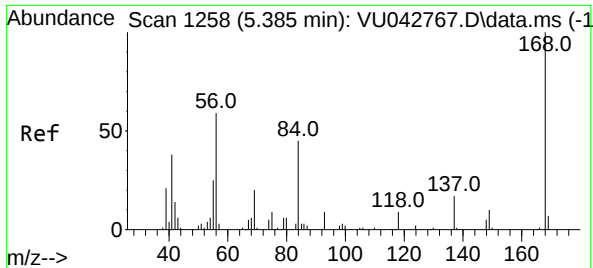
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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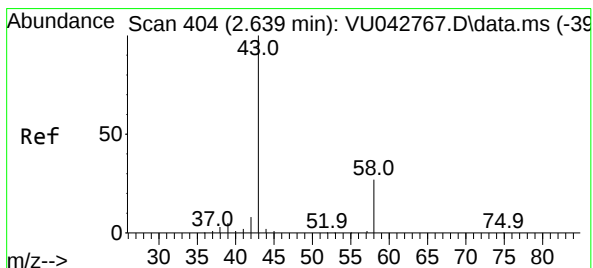
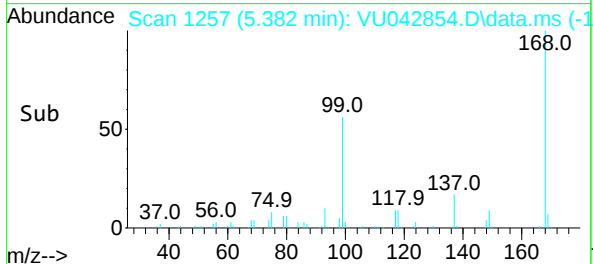
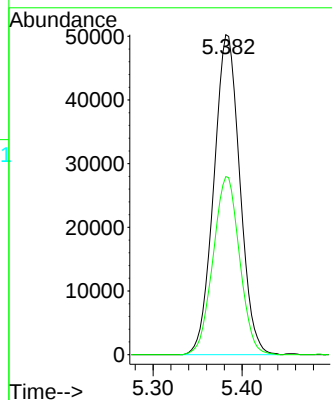
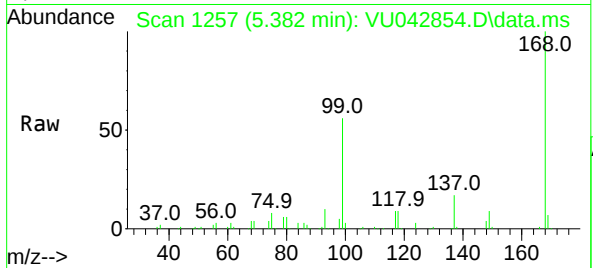




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

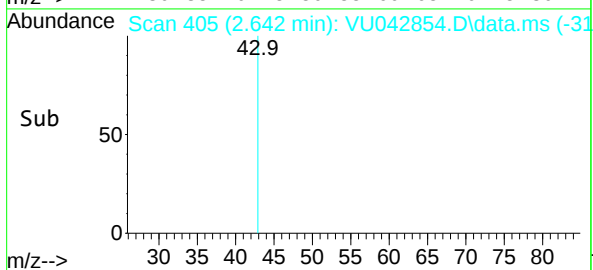
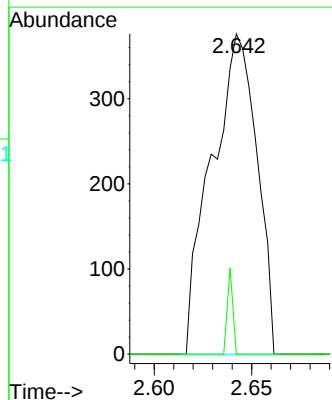
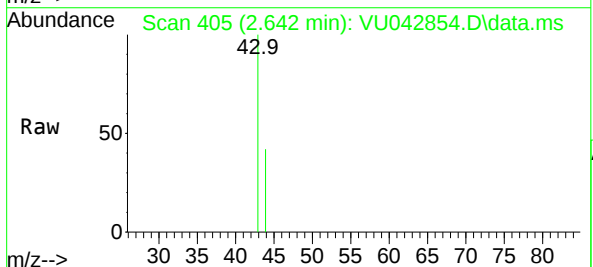
Instrument :
MSVOA_U
ClientSampleId :
B6-10-12

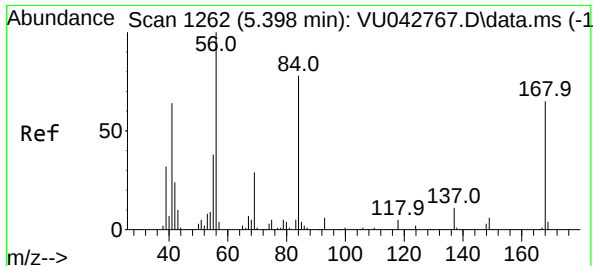
Tgt Ion:168 Resp: 101858
Ion Ratio Lower Upper
168 100
99 55.6 46.4 69.6



#16
Acetone
Concen: Below Cal
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

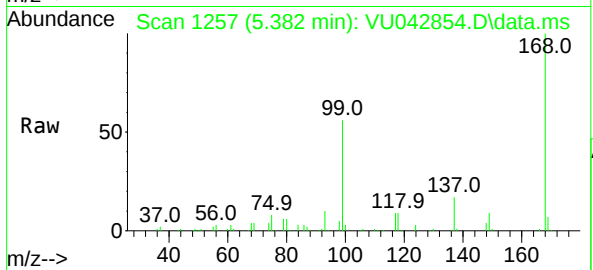
Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



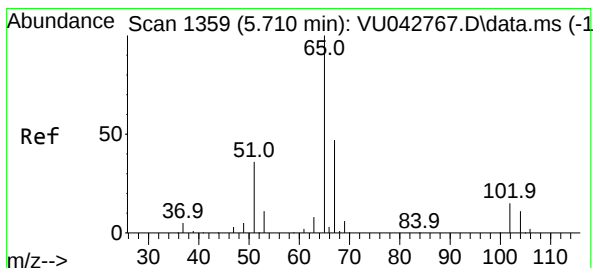
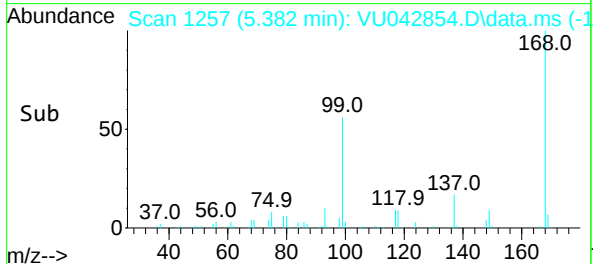
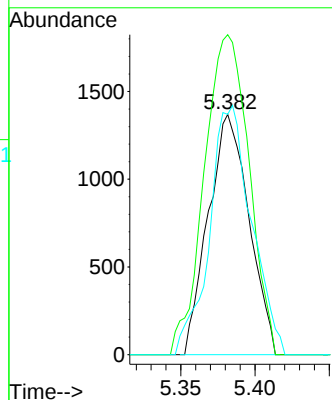


#31
Cyclohexane
Concen: 1.29 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

Instrument :
MSVOA_U
ClientSampled :
B6-10-12

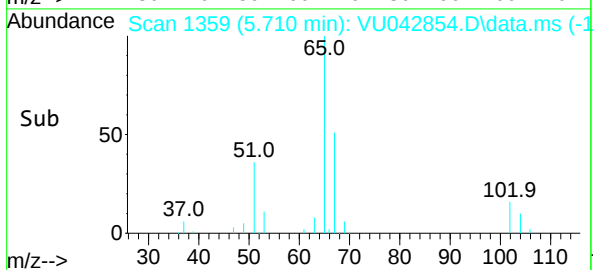
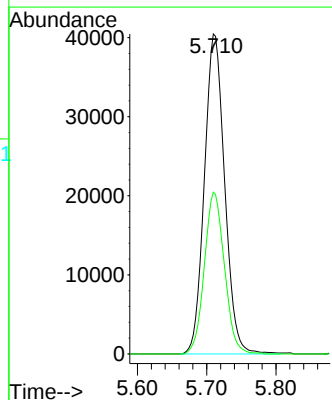
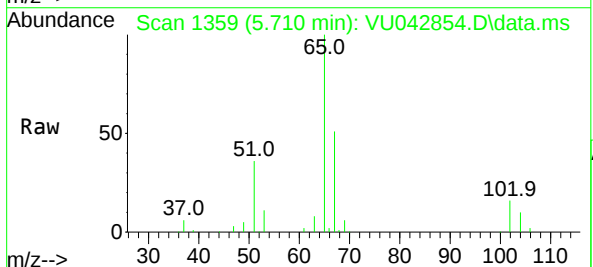


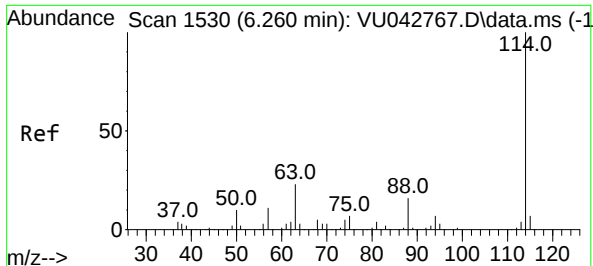
Tgt Ion: 56 Resp: 2611
Ion Ratio Lower Upper
56 100
69 133.1 23.3 34.9#
84 92.5 62.2 93.4



#33
1,2-Dichloroethane-d4
Concen: 50.71 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

Tgt Ion: 65 Resp: 82339
Ion Ratio Lower Upper
65 100
67 49.9 0.0 98.8

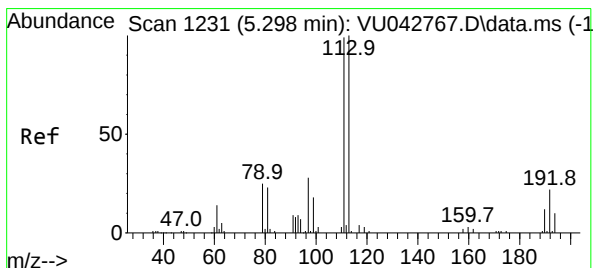
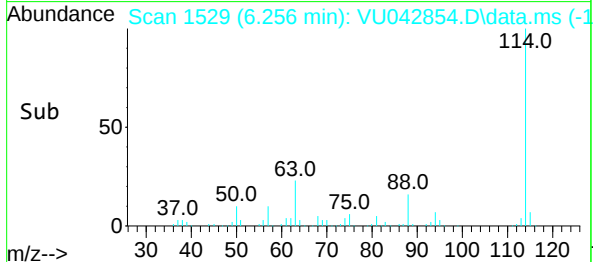
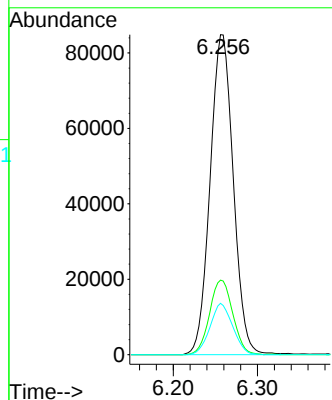
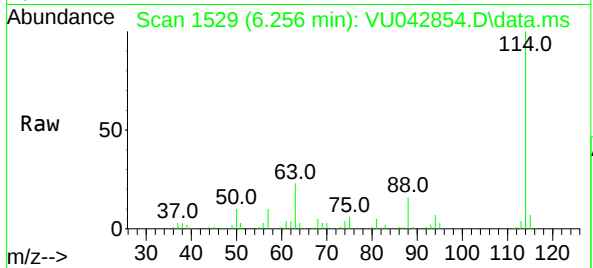




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

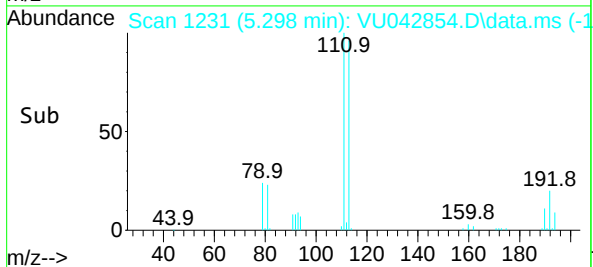
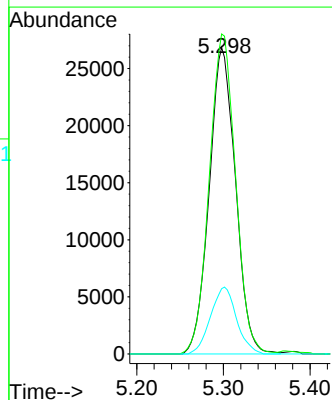
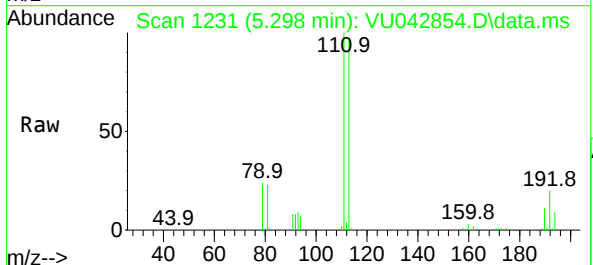
Instrument :
MSVOA_U
ClientSampleId :
B6-10-12

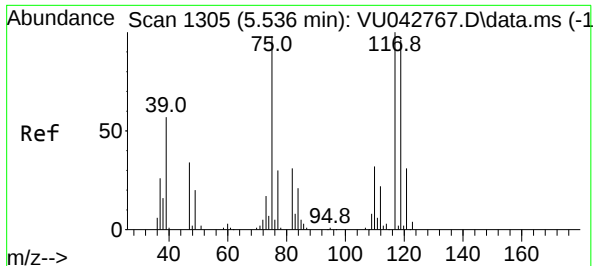
Tgt Ion:114 Resp: 162156
Ion Ratio Lower Upper
114 100
63 23.3 0.0 46.8
88 16.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.69 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

Tgt Ion:113 Resp: 56500
Ion Ratio Lower Upper
113 100
111 104.5 82.1 123.1
192 21.6 17.6 26.4

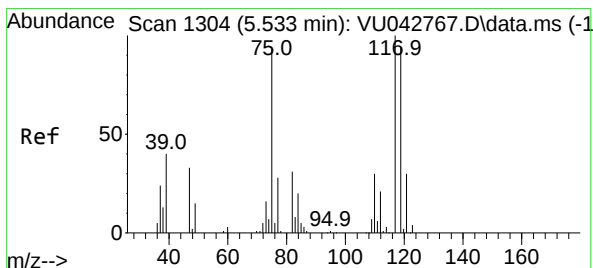
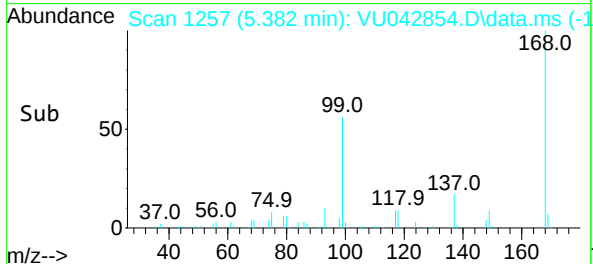
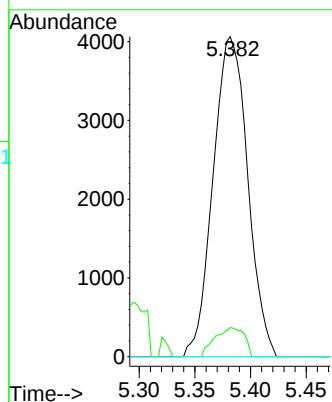
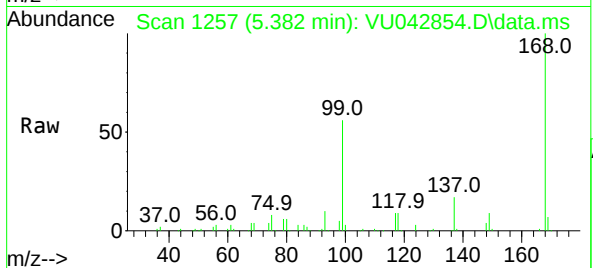




#36
1,1-Dichloropropene
Concen: 5.47 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.155 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

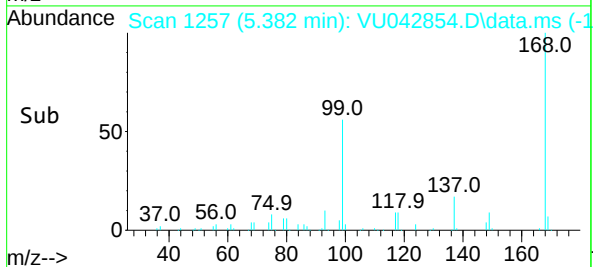
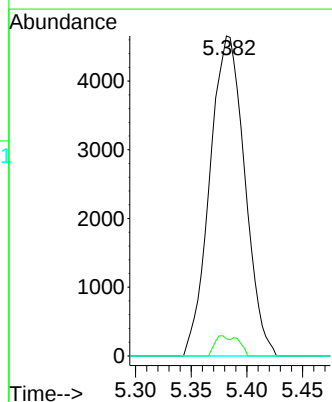
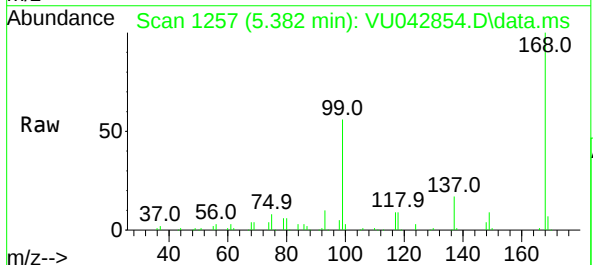
Instrument :
MSVOA_U
ClientSampleId :
B6-10-12

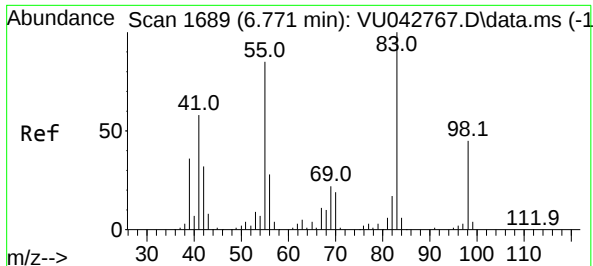
Tgt Ion: 75 Resp: 8773
Ion Ratio Lower Upper
75 100
110 7.7 16.6 49.7#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

Tgt Ion: 117 Resp: 10137
Ion Ratio Lower Upper
117 100
119 5.4 75.2 112.8#
121 0.0 24.2 36.4#





#39

Methylcyclohexane

Concen: 0.27 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU042854.D

Acq: 31 Mar 2021 13:59

Tgt Ion: 83 Resp: 498

Ion Ratio Lower Upper

83 100

55 67.6 68.2 102.4#

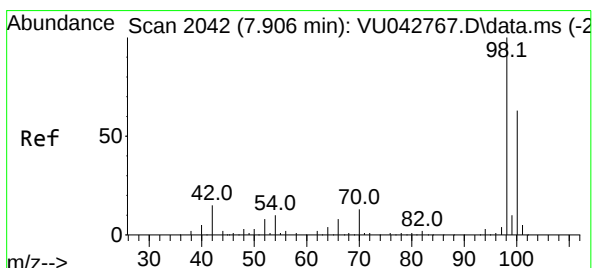
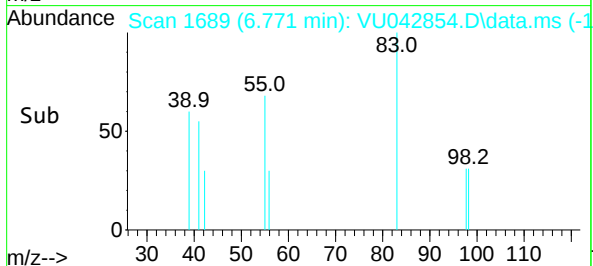
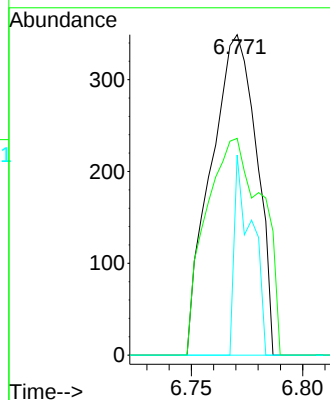
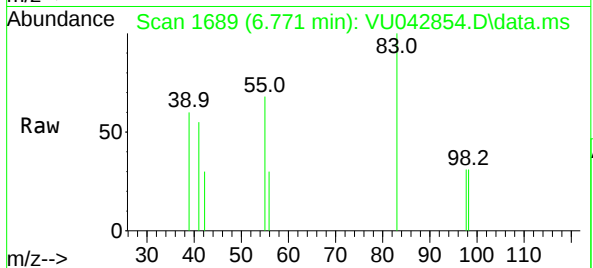
98 62.5 36.3 54.5#

Instrument :

MSVOA_U

ClientSampleId :

B6-10-12



#50

Toluene-d8

Concen: 47.79 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU042854.D

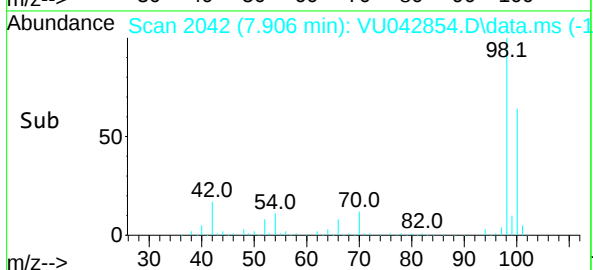
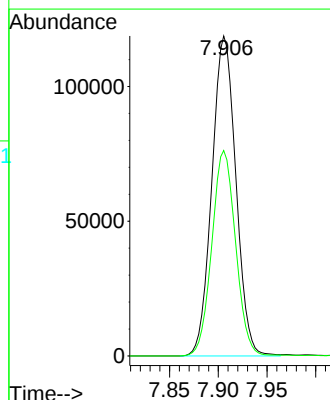
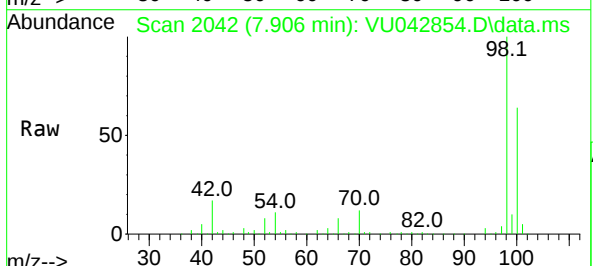
Acq: 31 Mar 2021 13:59

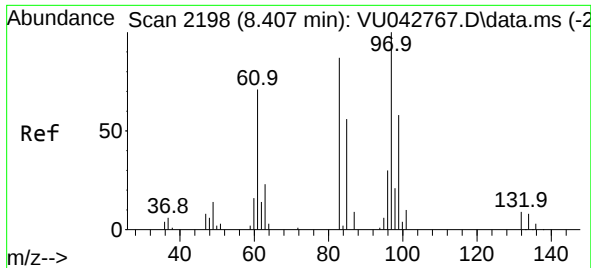
Tgt Ion: 98 Resp: 203486

Ion Ratio Lower Upper

98 100

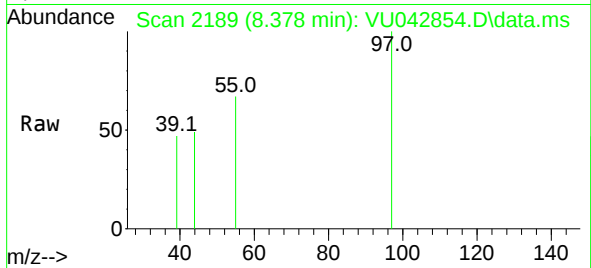
100 63.8 50.4 75.6



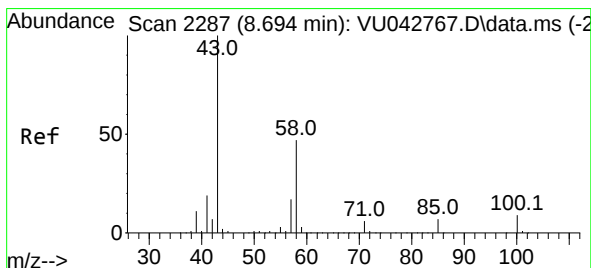
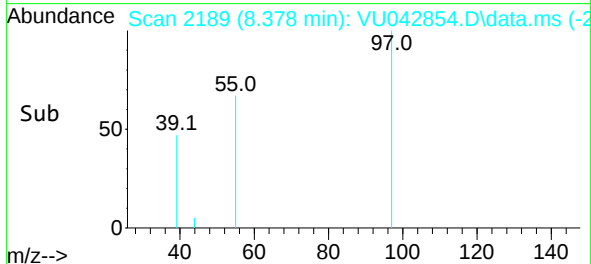
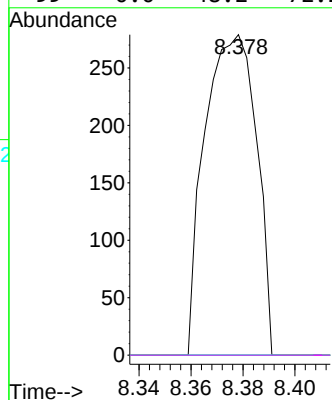


#55
1,1,2-Trichloroethane
Concen: 0.30 ug/l
RT: 8.378 min Scan# 2189
Delta R.T. -0.029 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

Instrument :
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ClientSampleId :
B6-10-12

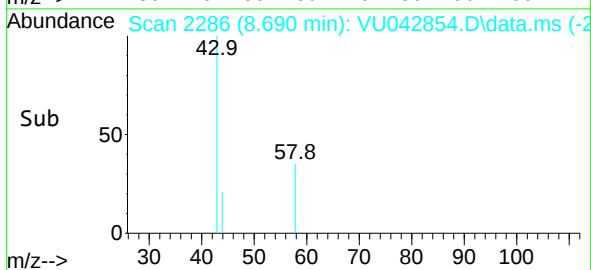
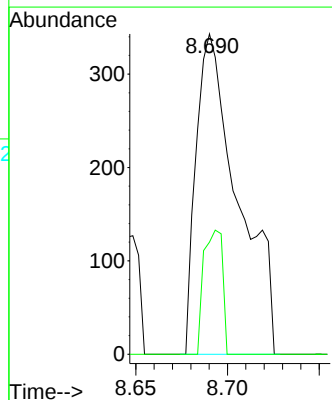
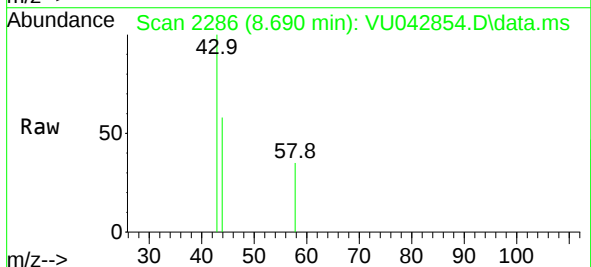


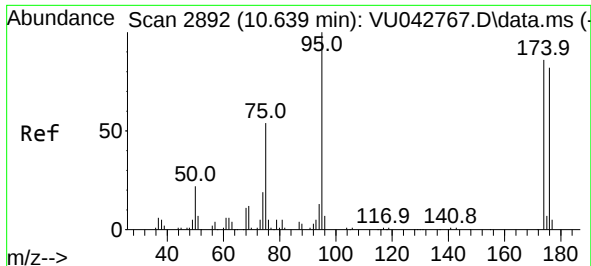
Tgt Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.4	104.0#
85	0.0	45.0	67.4#
99	0.0	48.2	72.2#



#59
2-Hexanone
Concen: 0.26 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. -0.004 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	17.4	23.8	71.2#

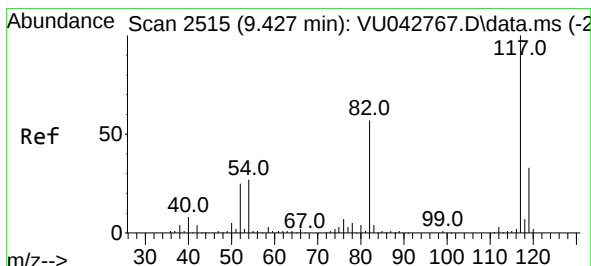
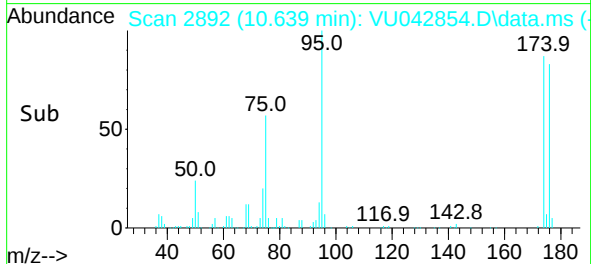
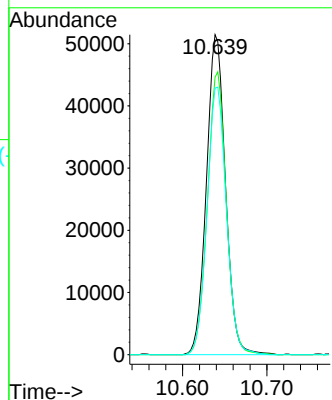
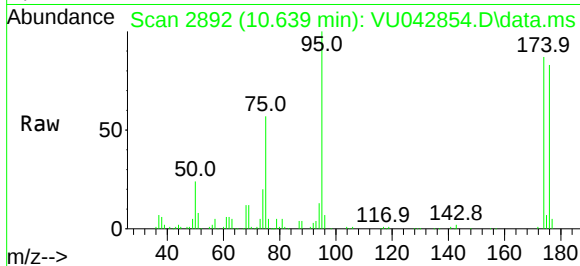




#62
4-Bromofluorobenzene
Concen: 48.99 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

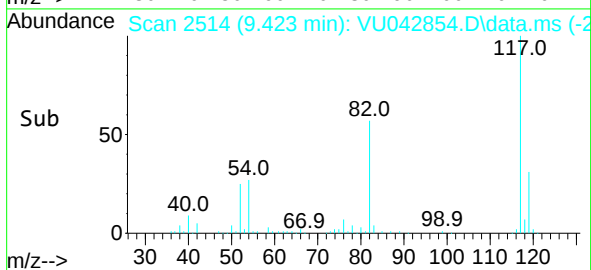
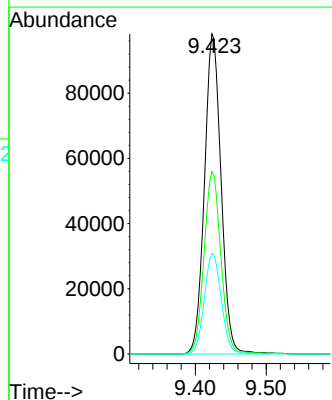
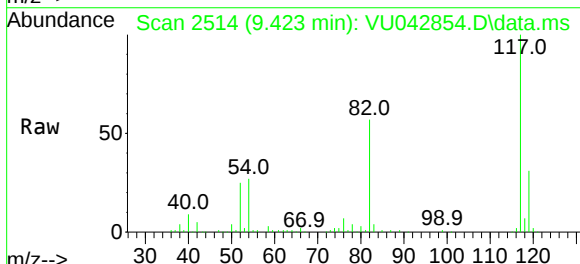
Instrument :
MSVOA_U
ClientSampleId :
B6-10-12

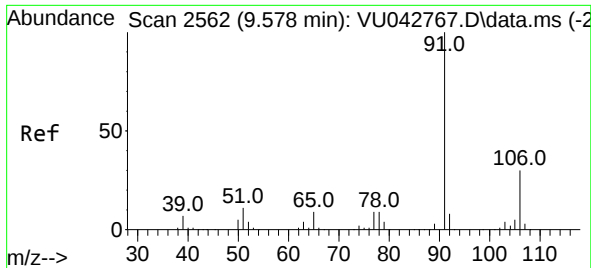
Tgt Ion: 95 Resp: 81046
Ion Ratio Lower Upper
95 100
174 87.6 0.0 175.2
176 84.8 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.004 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

Tgt Ion: 117 Resp: 160052
Ion Ratio Lower Upper
117 100
82 57.1 45.5 68.3
119 31.4 26.2 39.4

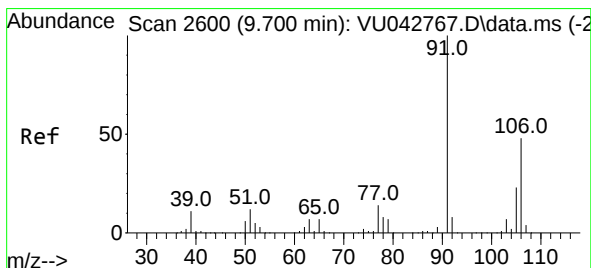
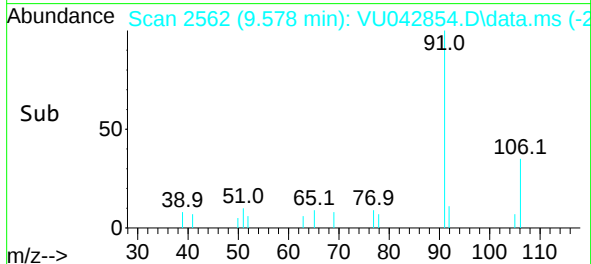
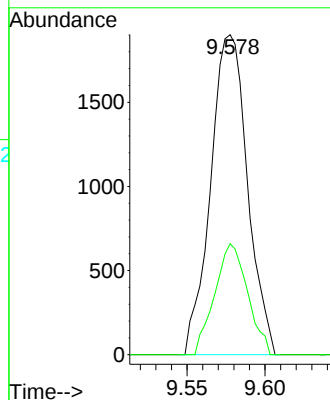
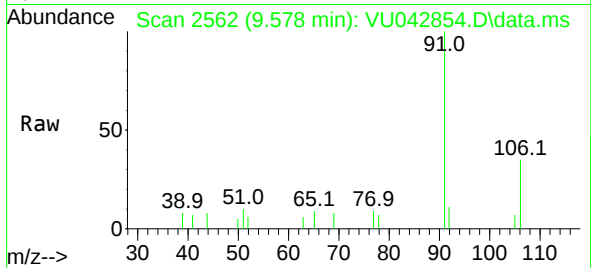




#67
Ethyl Benzene
Concen: 0.54 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

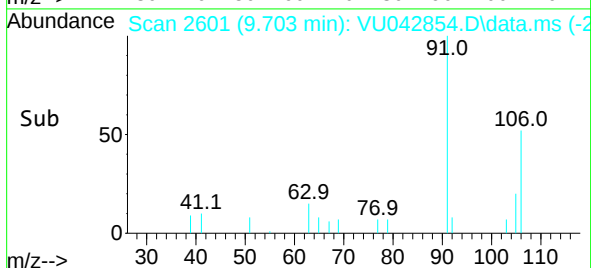
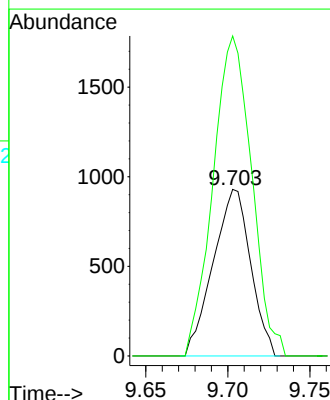
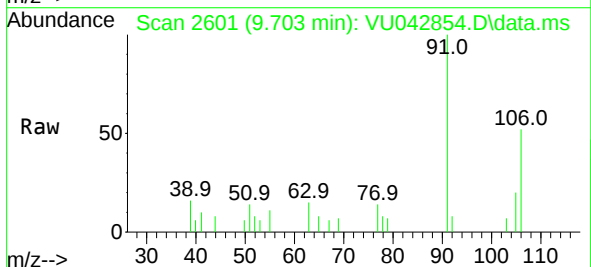
Instrument :
MSVOA_U
ClientSampled :
B6-10-12

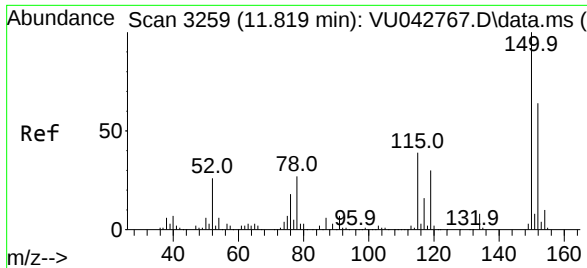
Tgt Ion: 91 Resp: 3128
Ion Ratio Lower Upper
91 100
106 34.7 24.1 36.1



#68
m/p-Xylenes
Concen: 0.68 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

Tgt Ion: 106 Resp: 1473
Ion Ratio Lower Upper
106 100
91 198.0 168.3 252.5

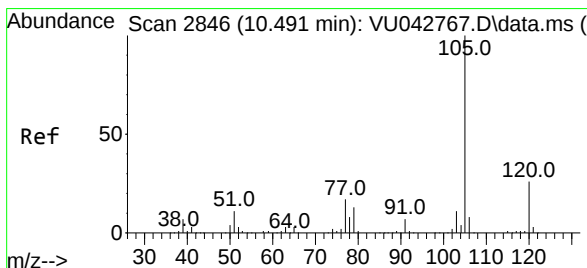
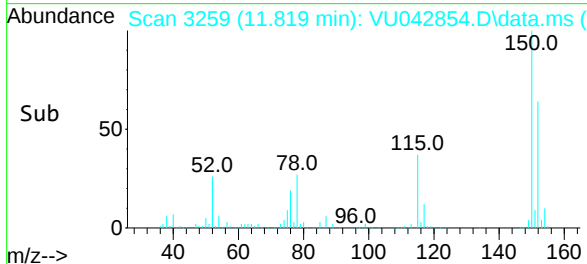
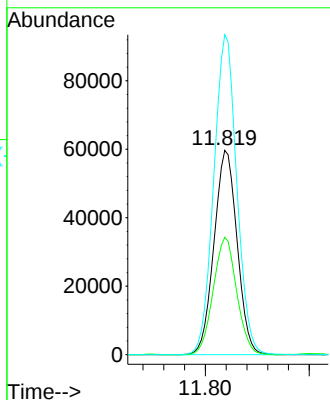
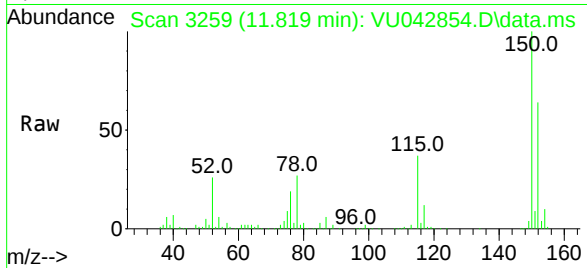




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

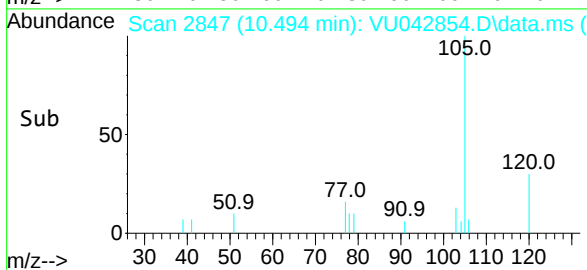
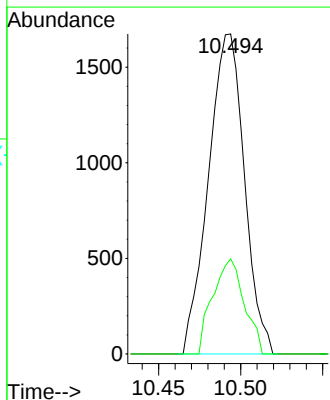
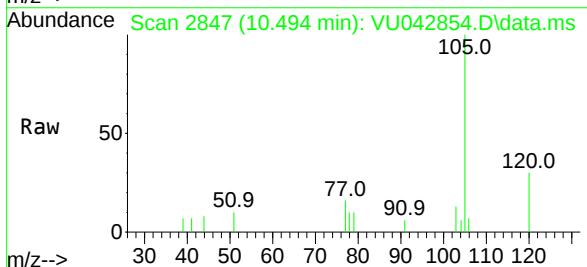
Instrument :
MSVOA_U
ClientSampleId :
B6-10-12

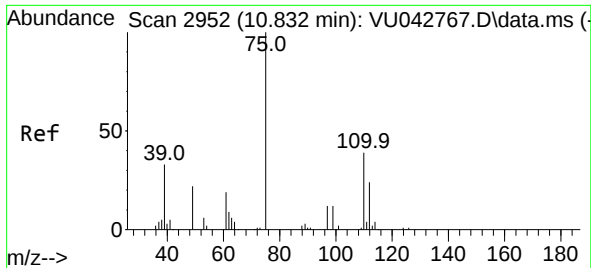
Tgt Ion:152 Resp: 92186
Ion Ratio Lower Upper
152 100
115 58.2 41.0 123.0
150 156.1 0.0 341.0



#73
Isopropylbenzene
Concen: 0.44 ug/l
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

Tgt Ion:105 Resp: 2550
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

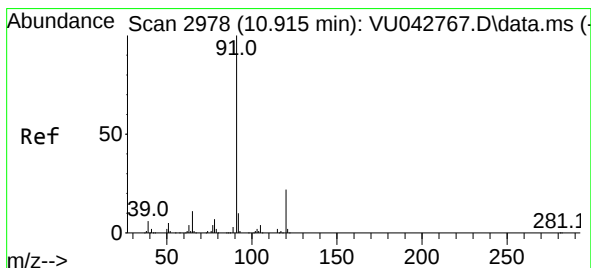
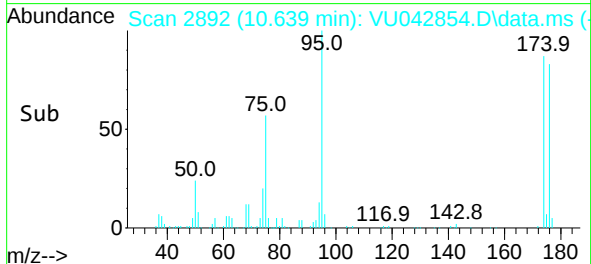
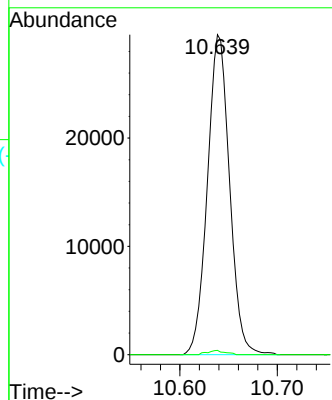
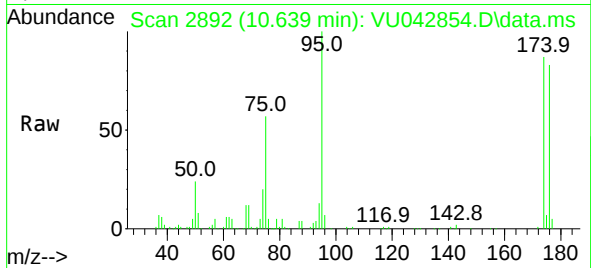




#76
1,2,3-Trichloropropane
Concen: 19.86 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

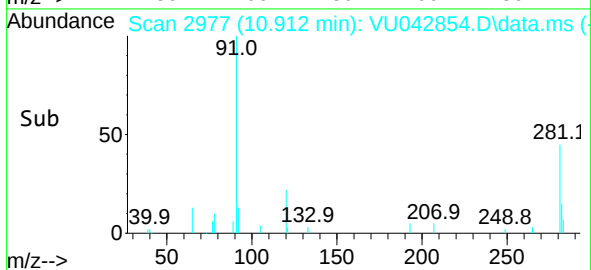
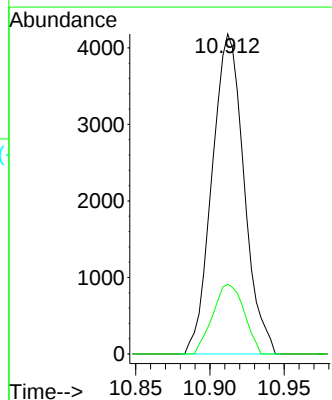
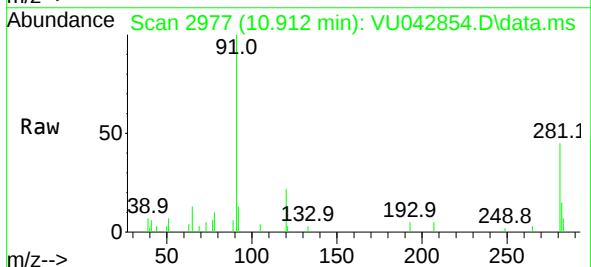
Instrument :
MSVOA_U
ClientSampled :
B6-10-12

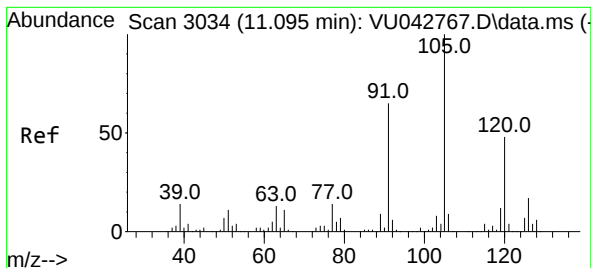
Tgt Ion: 75 Resp: 46570
Ion Ratio Lower Upper
75 100
77 1.1 19.6 58.8#



#78
n-propylbenzene
Concen: 0.91 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.003 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

Tgt Ion: 91 Resp: 6262
Ion Ratio Lower Upper
91 100
120 21.3 11.1 33.1

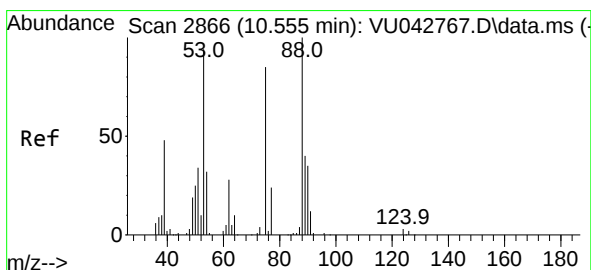
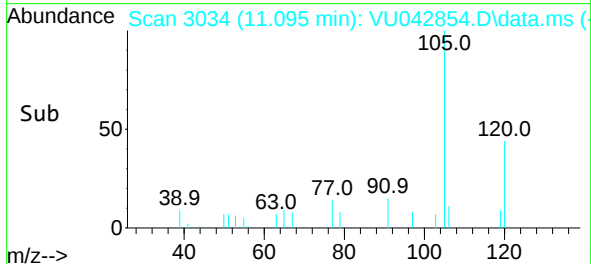
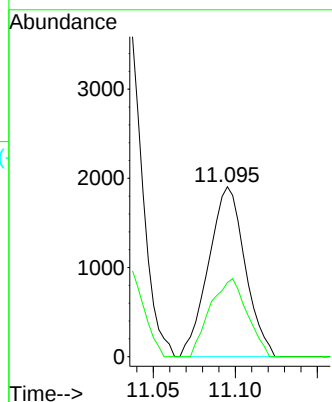
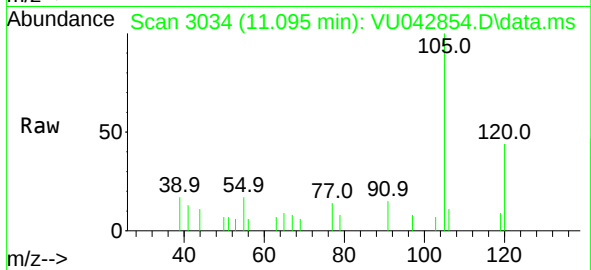




#80
1,3,5-Trimethylbenzene
Concen: 0.58 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

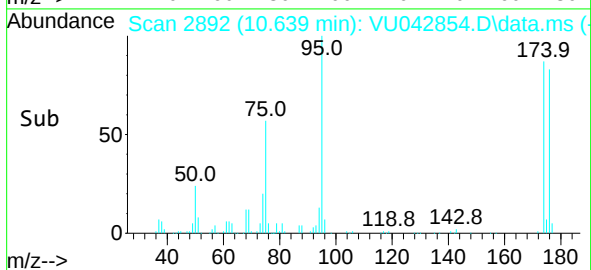
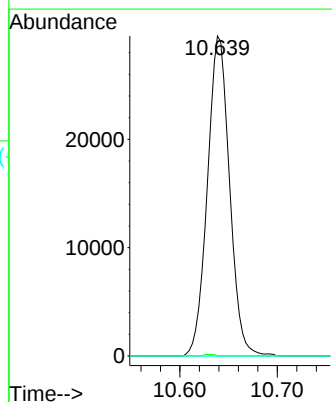
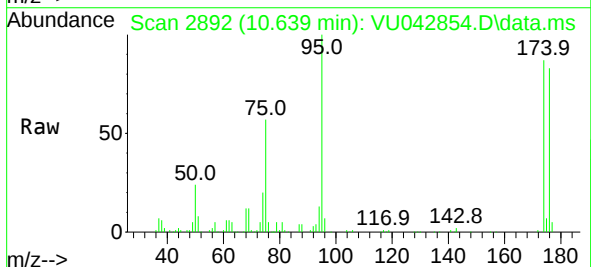
Instrument :
MSVOA_U
ClientSampleId :
B6-10-12

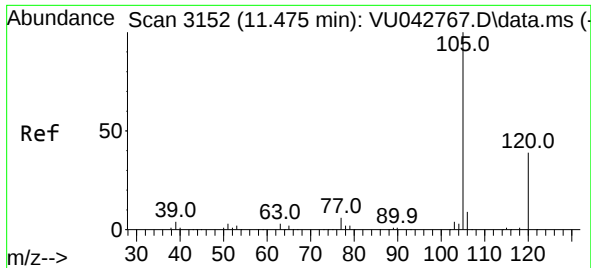
Tgt Ion:105 Resp: 2951
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.2



#81
trans-1,4-Dichloro-2-butene
Concen: 58.85 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

Tgt Ion: 75 Resp: 46570
Ion Ratio Lower Upper
75 100
53 0.2 88.3 132.5#
89 0.0 35.7 53.5#

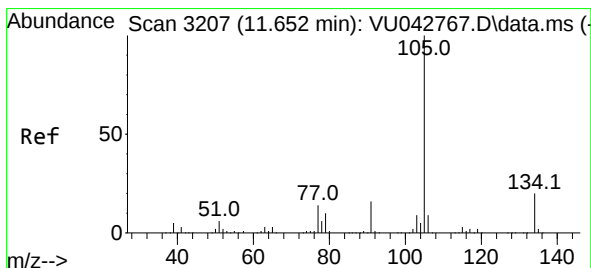
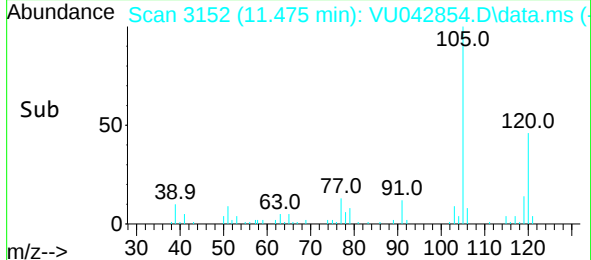
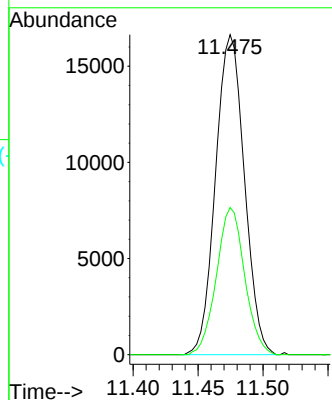
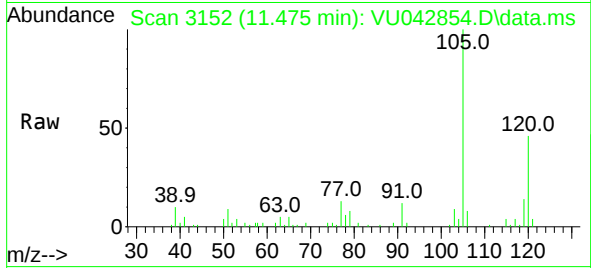




#84
1,2,4-Trimethylbenzene
Concen: 5.01 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

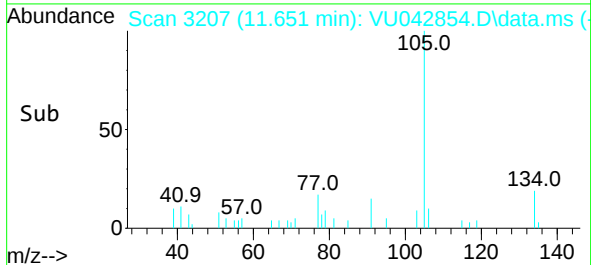
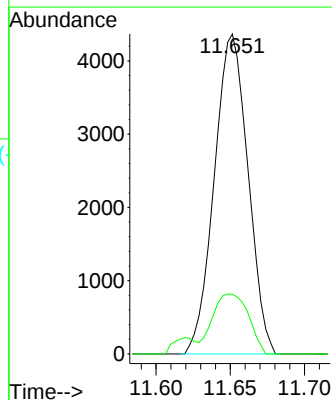
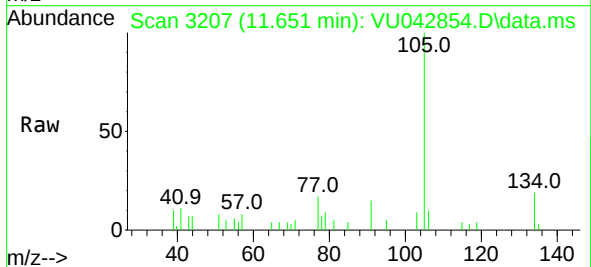
Instrument :
MSVOA_U
ClientSampled :
B6-10-12

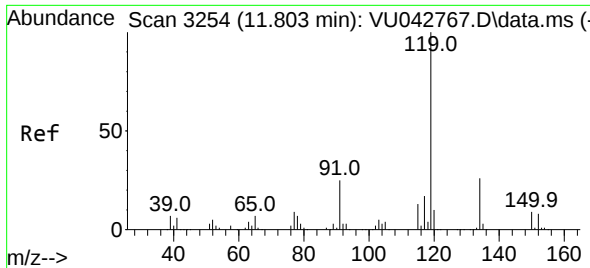
Tgt Ion:105 Resp: 25623
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8



#85
sec-Butylbenzene
Concen: 1.20 ug/l
RT: 11.651 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

Tgt Ion:105 Resp: 6884
Ion Ratio Lower Upper
105 100
134 19.9 9.8 29.5

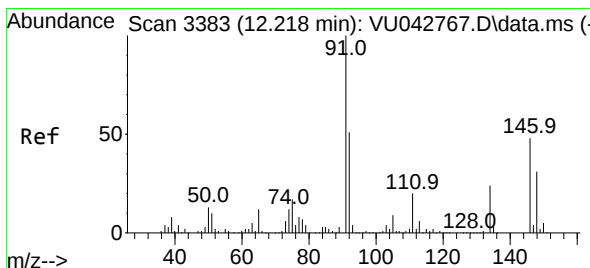
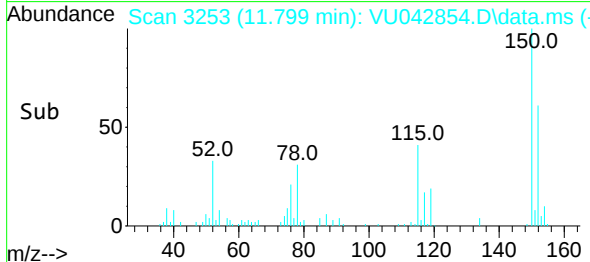
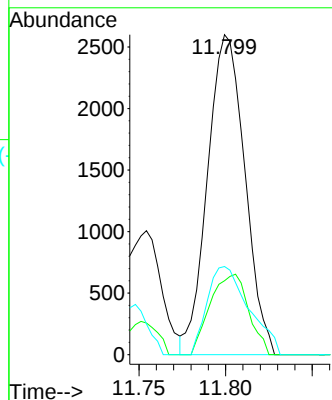
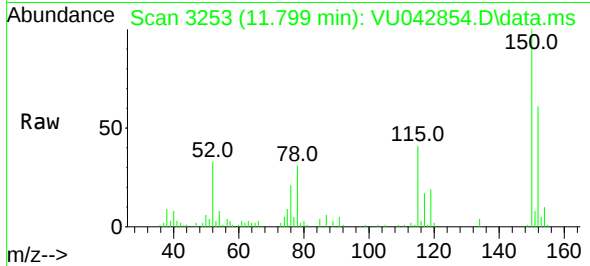




#86
p-Isopropyltoluene
Concen: 0.74 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. -0.004 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

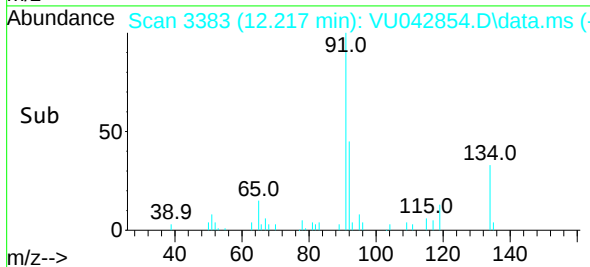
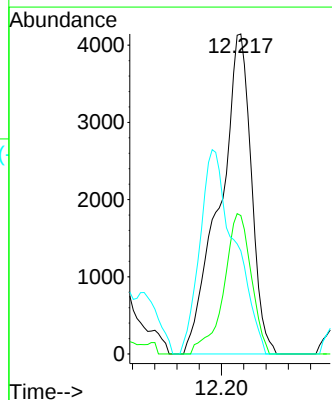
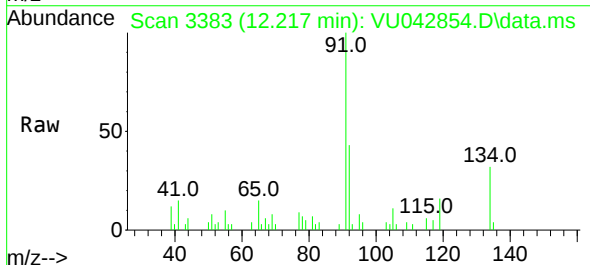
Instrument :
MSVOA_U
ClientSampled :
B6-10-12

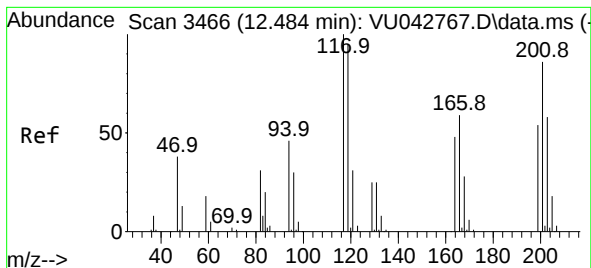
Tgt Ion:	119	Resp:	3892
Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.8	38.3
91	30.9	12.6	37.8



#89
n-Butylbenzene
Concen: 1.65 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

Tgt Ion:	91	Resp:	8170
Ion	Ratio	Lower	Upper
91	100		
92	37.9	25.7	77.1
134	0.0	12.1	36.3#

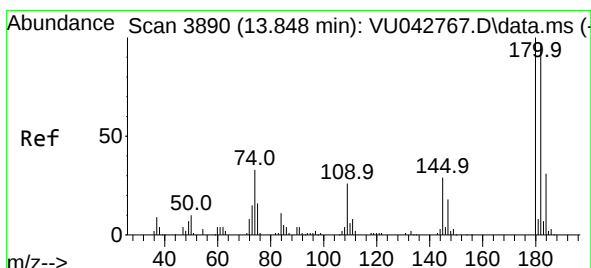
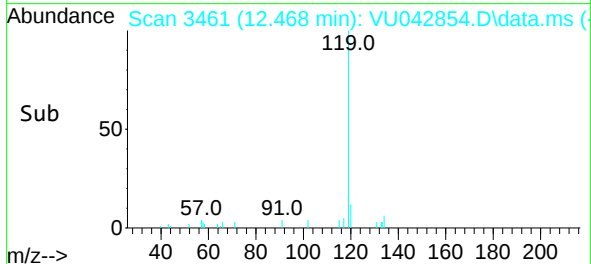
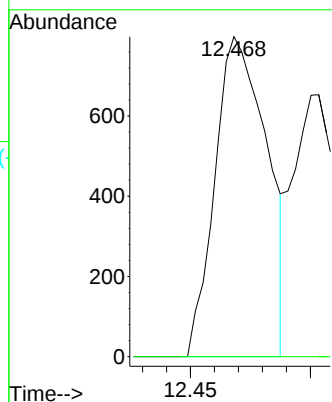
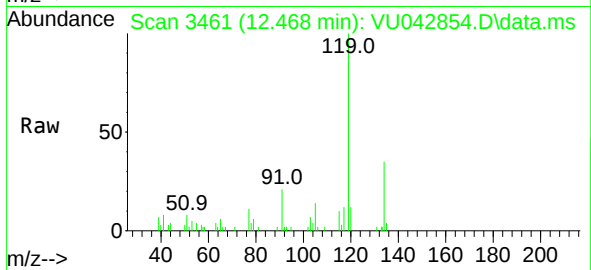




#90
Hexachloroethane
Concen: 1.21 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.016 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

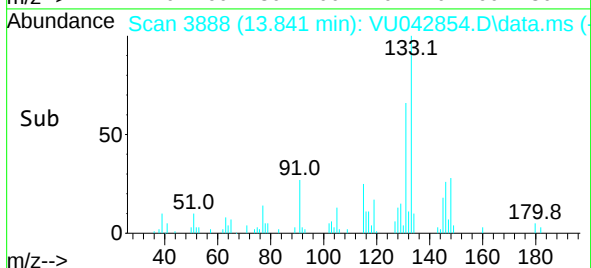
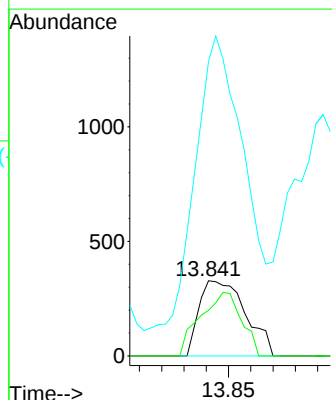
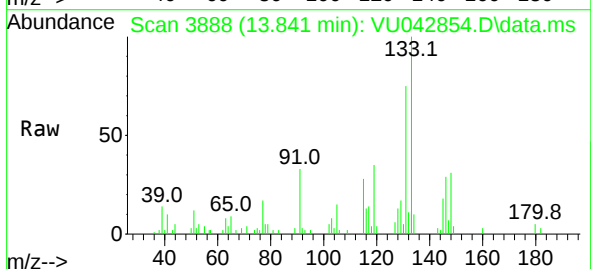
Instrument :
MSVOA_U
ClientSampled :
B6-10-12

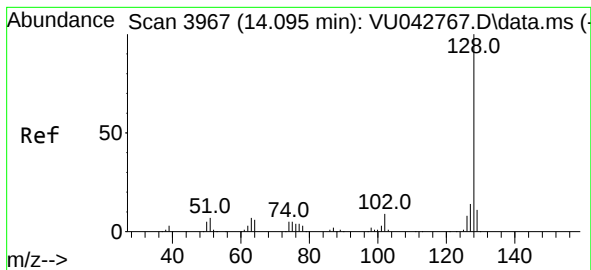
Tgt Ion:117 Resp: 1201
Ion Ratio Lower Upper
117 100
201 0.0 43.5 130.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.25 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.007 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

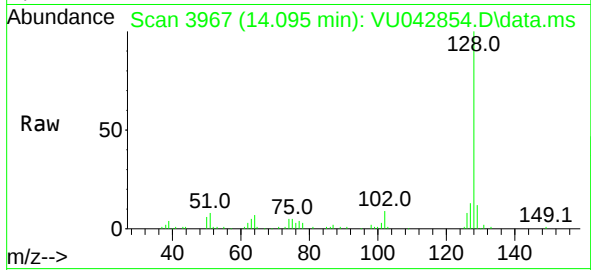
Tgt Ion:180 Resp: 477
Ion Ratio Lower Upper
180 100
182 74.6 48.0 144.0
145 397.3 14.5 43.5#





#95
Naphthalene
Concen: 9.07 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042854.D
Acq: 31 Mar 2021 13:59

Instrument :
MSVOA_U
ClientSampleId :
B6-10-12



Tgt Ion:128 Resp: 42785
Ion Ratio Lower Upper
128 100
127 14.9 10.9 16.3
129 13.7 8.7 13.1#

