

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012821\
 Data File : VU042213.D
 Acq On : 28 Jan 2021 20:29
 Operator : SY/MD
 Sample : M1126-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 08:04:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jan 29 08:01:38 2021
 Response via : Initial Calibration

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

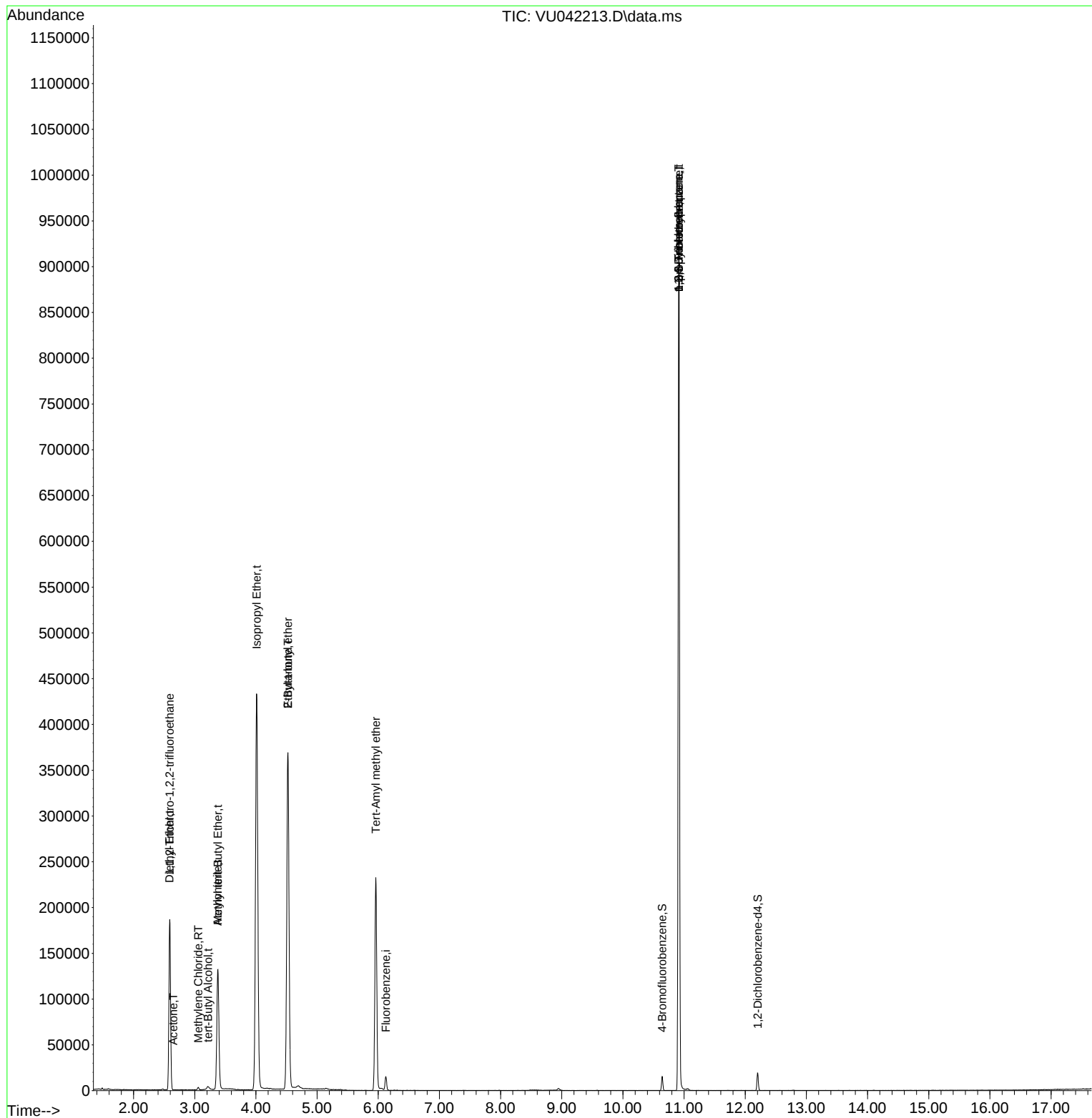
Internal Standards						
1) Fluorobenzene	6.124	96	13331	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	5047	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	12.204	152	5059	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	70669	20.90	ug/l	100
12) Acrylonitrile	3.375	53	1564	2.01	ug/l #	27
13) Acetone	2.649	43	122	0.24	ug/l #	48
15) Methylene Chloride	3.057	84	1189	0.31	ug/l	95
18) 2-Butanone	4.523	43	48588	47.60	ug/l #	1
23) Diethyl Ether	2.587	59	667	0.27	ug/l #	12
24) tert-Butyl Alcohol	3.218	59	6280	33.80	ug/l #	72
25) Methyl tert-Butyl Ether	3.378	73	143886	15.94	ug/l	99
31) Isopropyl Ether	4.012	45	482261	39.72	ug/l	100
32) Ethyl-t-butyl ether	4.523	59	390548	35.78	ug/l	100
33) Tert-Amyl methyl ether	5.960	73	184943	18.11	ug/l	100
41) Tetrahydrofuran	5.070	42	135	Below	Cal #	36
46) t-1,4-Dichloro-2-butene	10.912	75	5207	4.63	ug/l #	1
71) 1,2,3-Trichloropropane	10.912	75	5207	1.75	ug/l #	1
73) n-propylbenzene	10.915	120	164902	34.63	ug/l	98
75) 1,3,5-Trimethylbenzene	10.915	105	26887	1.73	ug/l #	1

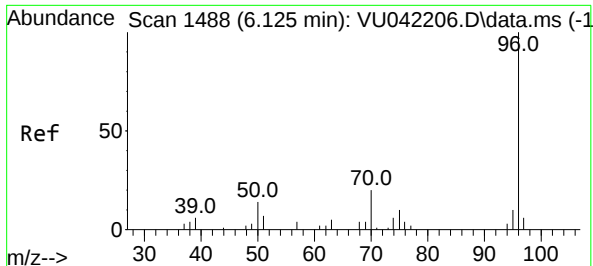
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012821\
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MSVOA_U
ClientSampleId :

Quant Time: Jan 29 08:04:47 2021
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Response via : Initial Calibration

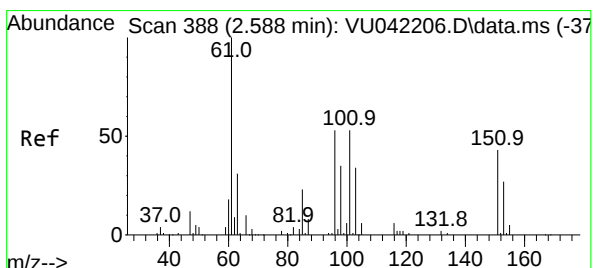
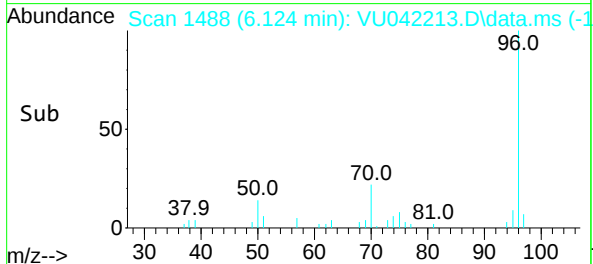
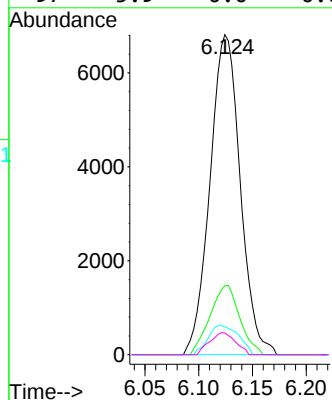
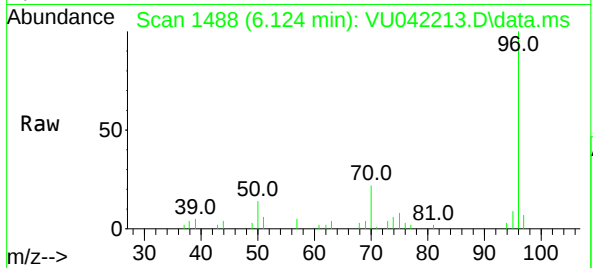




#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.124 min Scan# 1488
Delta R.T. -0.001 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

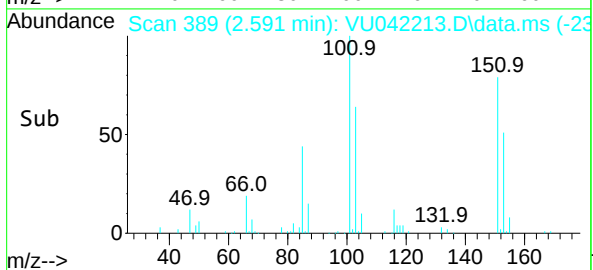
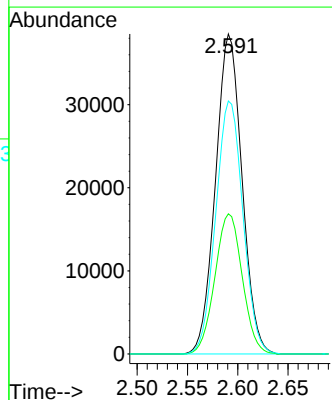
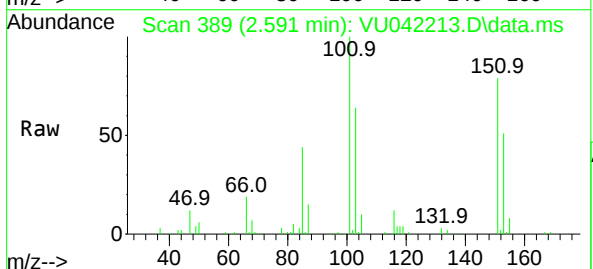
Instrument :
MSVOA_U
ClientSampleId :

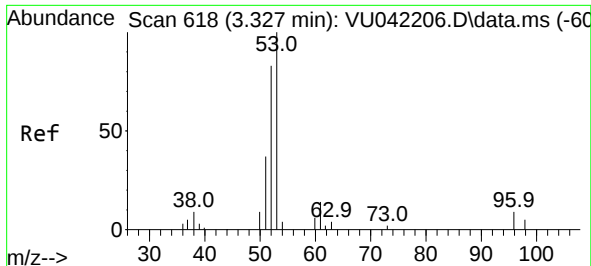
Tgt Ion: 96	Resp: 13331
Ion Ratio	Lower Upper
96 100	
70 21.2	16.3 24.5
95 9.2	7.6 11.4
97 5.9	0.0 0.0#



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.90 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

Tgt Ion:101	Resp: 70669
Ion Ratio	Lower Upper
101 100	
85 45.1	36.1 54.1
151 81.2	64.6 97.0

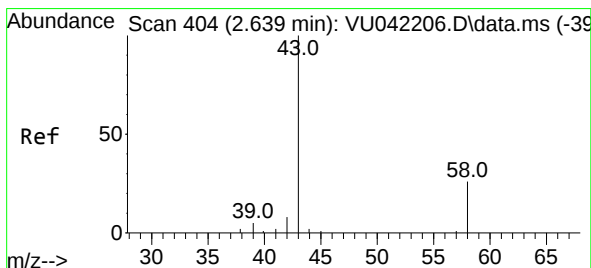
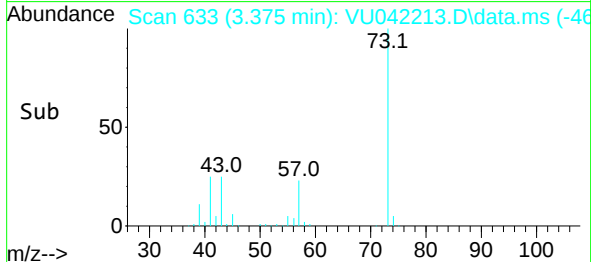
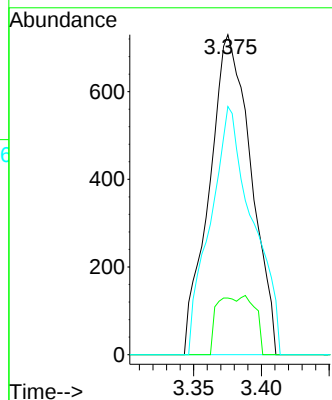
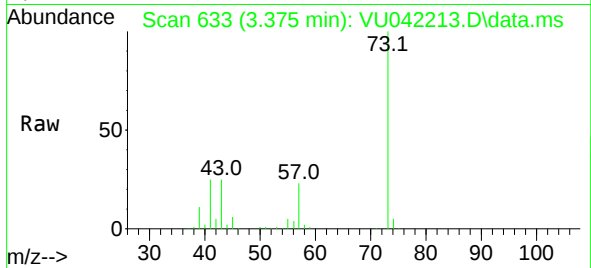




#12
Acrylonitrile
Concen: 2.01 ug/l
RT: 3.375 min Scan# 633
Delta R.T. 0.048 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

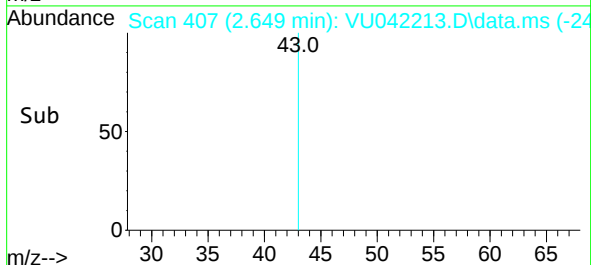
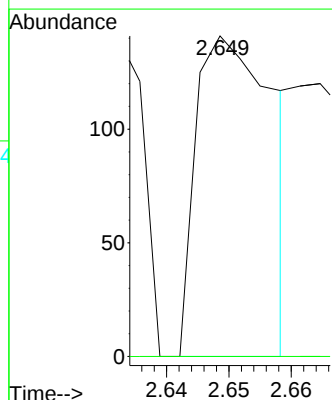
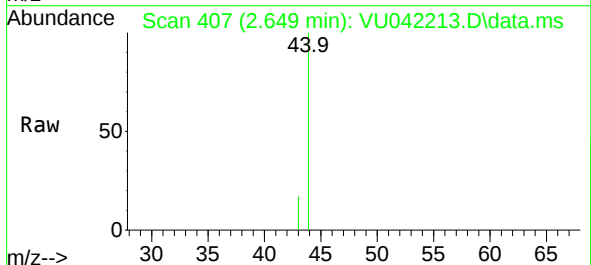
Instrument :
MSVOA_U
ClientSampleId :

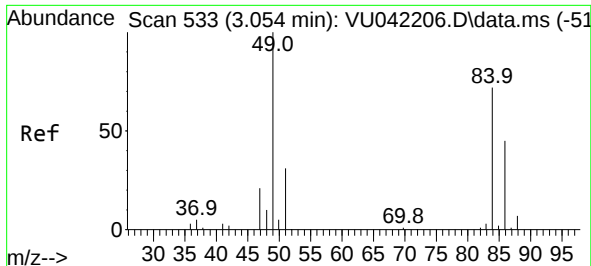
Tgt Ion: 53 Resp: 1564
Ion Ratio Lower Upper
53 100
52 9.1 63.7 95.5#
51 78.3 32.7 49.1#



#13
Acetone
Concen: 0.24 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.009 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

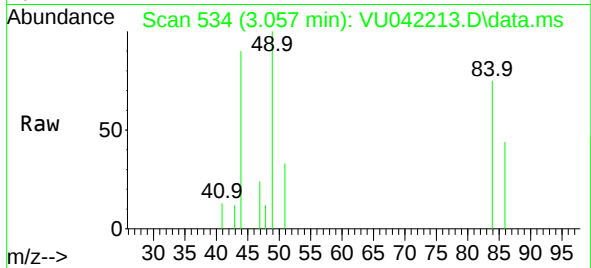
Tgt Ion: 43 Resp: 122
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



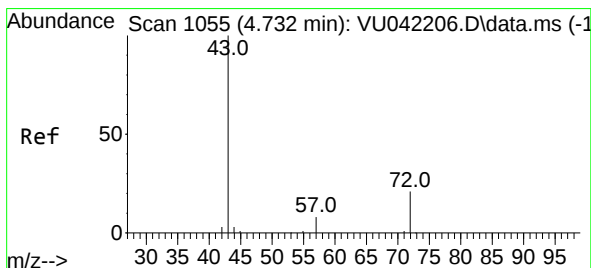
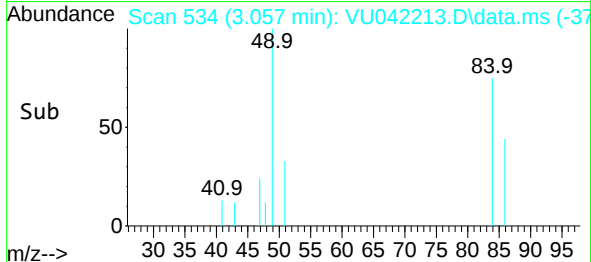
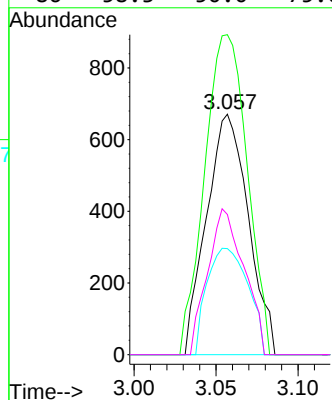


#15
Methylene Chloride
Concen: 0.31 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

Instrument :
MSVOA_U
ClientSampleId :

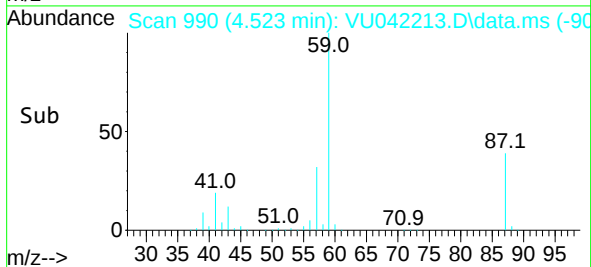
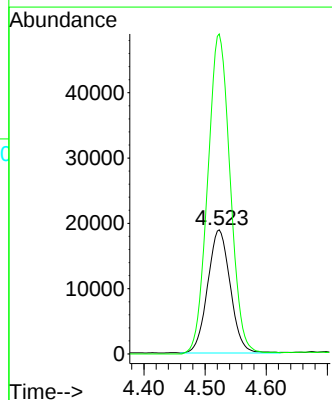
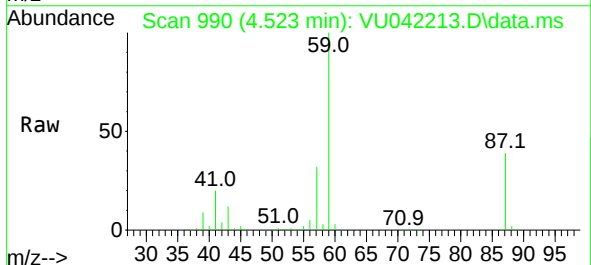


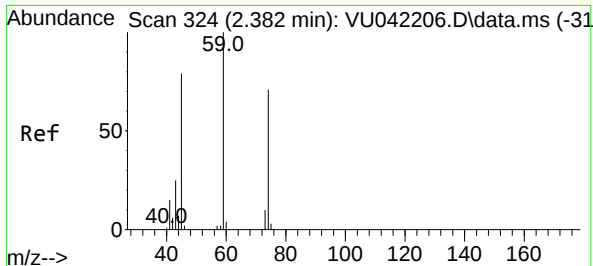
Tgt Ion:	84	Resp:	1189
Ion	Ratio	Lower	Upper
84	100		
49	133.1	111.8	167.6
51	44.1	0.0	85.4
86	58.3	50.0	75.0



#18
2-Butanone
Concen: 47.60 ug/l
RT: 4.523 min Scan# 990
Delta R.T. -0.209 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

Tgt Ion:	43	Resp:	48588
Ion	Ratio	Lower	Upper
43	100		
57	259.7	0.0	16.4#

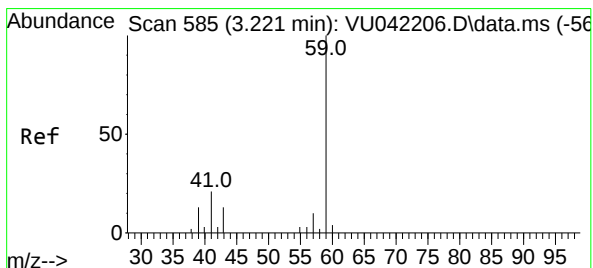
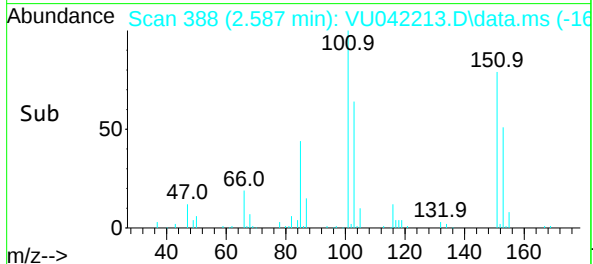
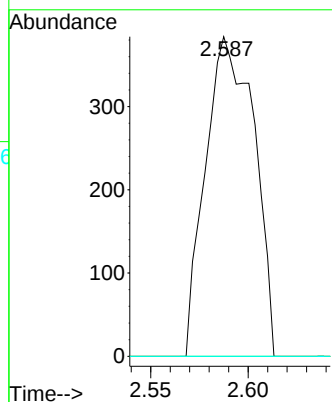
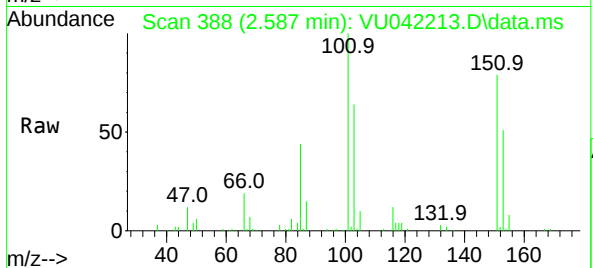




#23
Diethyl Ether
Concen: 0.27 ug/l
RT: 2.587 min Scan# 388
Delta R.T. 0.206 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

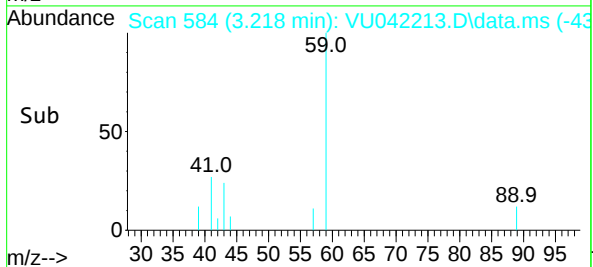
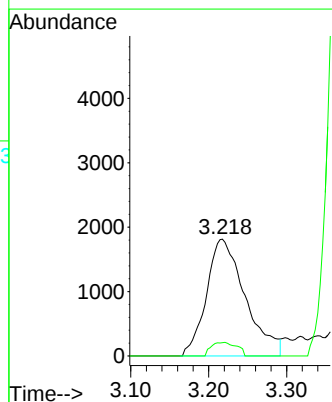
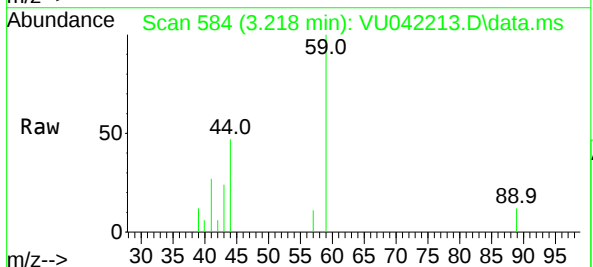
Instrument :
MSVOA_U
ClientSampleId :

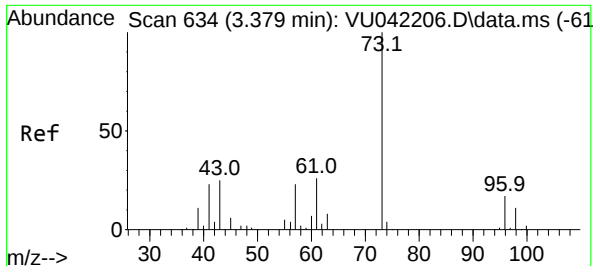
Tgt Ion: 59 Resp: 667
Ion Ratio Lower Upper
59 100
45 0.0 63.8 95.8#
74 0.0 56.3 84.5#



#24
tert-Butyl Alcohol
Concen: 33.80 ug/l
RT: 3.218 min Scan# 584
Delta R.T. -0.003 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

Tgt Ion: 59 Resp: 6280
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

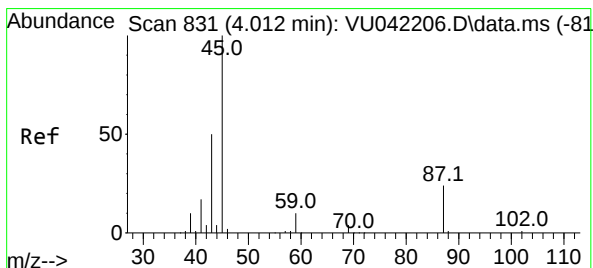
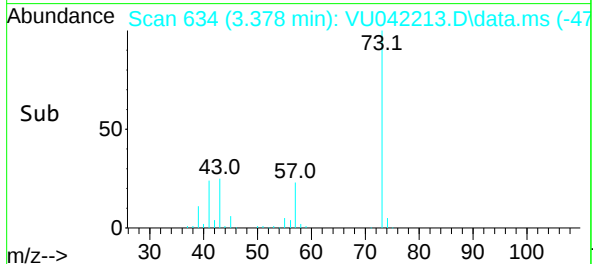
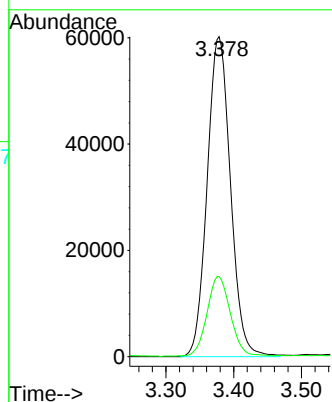
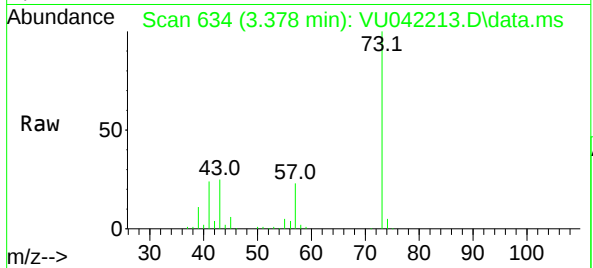




#25
Methyl tert-Butyl Ether
Concen: 15.94 ug/l
RT: 3.378 min Scan# 634
Delta R.T. -0.000 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

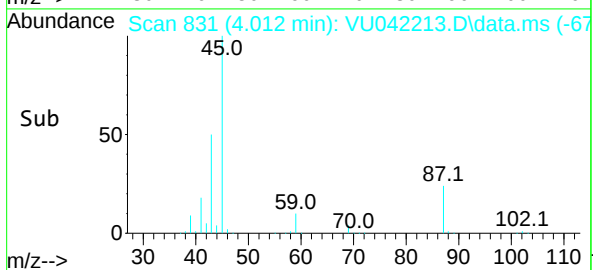
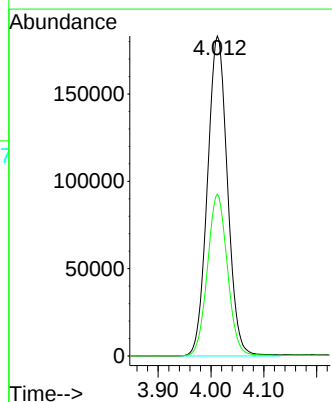
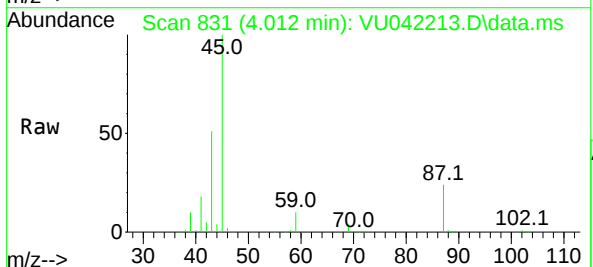
Instrument :
MSVOA_U
ClientSampleId :

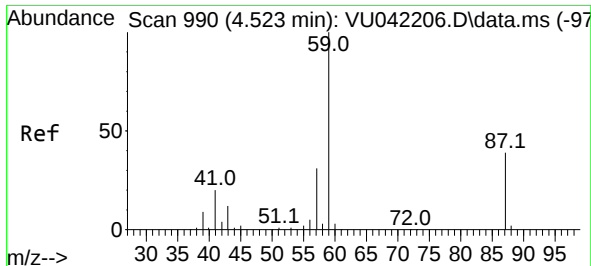
Tgt Ion: 73 Resp: 143886
Ion Ratio Lower Upper
73 100
43 24.8 20.3 30.5



#31
Isopropyl Ether
Concen: 39.72 ug/l
RT: 4.012 min Scan# 831
Delta R.T. -0.000 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

Tgt Ion: 45 Resp: 482261
Ion Ratio Lower Upper
45 100
43 50.4 25.4 76.0

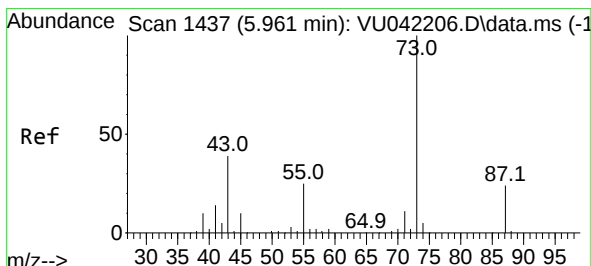
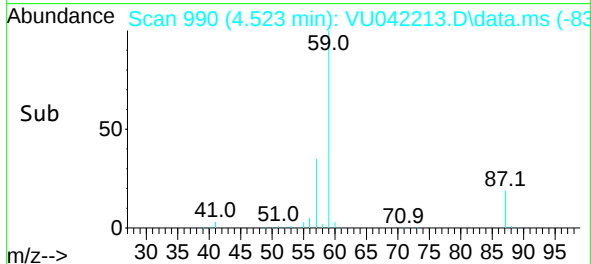
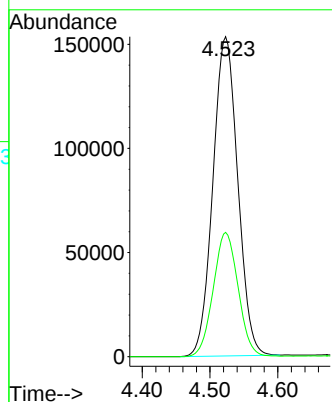
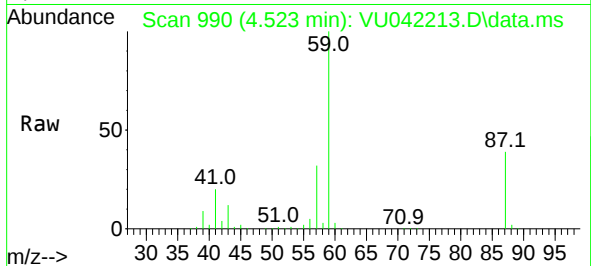




#32
Ethyl-t-butyl ether
Concen: 35.78 ug/l
RT: 4.523 min Scan# 990
Delta R.T. -0.000 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

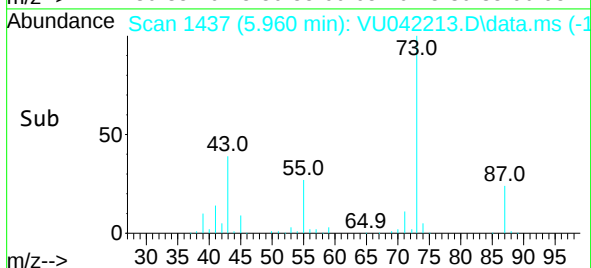
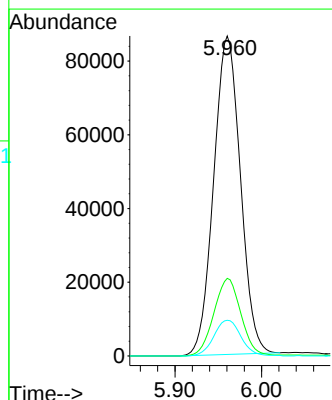
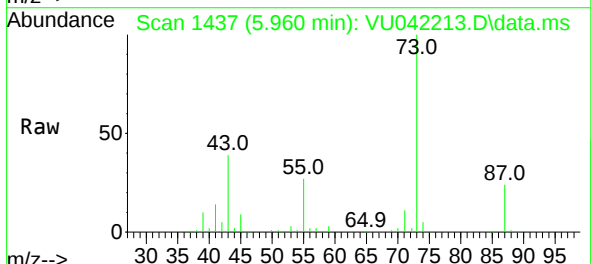
Instrument :
MSVOA_U
ClientSampled :

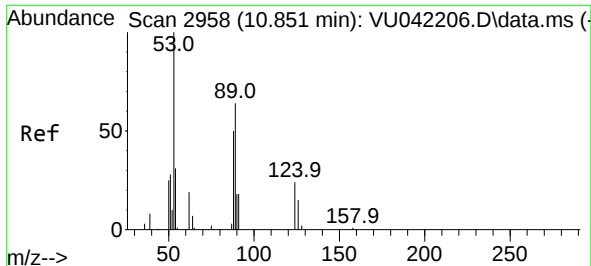
Tgt Ion: 59 Resp: 390548
Ion Ratio Lower Upper
59 100
87 38.8 31.0 46.4



#33
Tert-Amyl methyl ether
Concen: 18.11 ug/l
RT: 5.960 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

Tgt Ion: 73 Resp: 184943
Ion Ratio Lower Upper
73 100
87 24.3 19.4 29.2
71 11.5 9.0 13.6

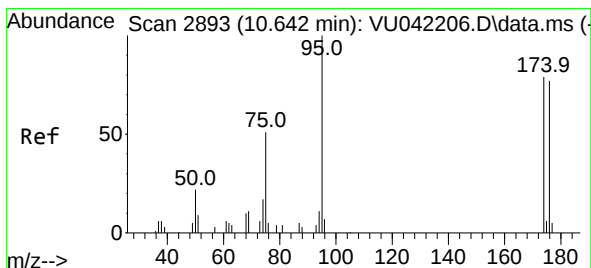
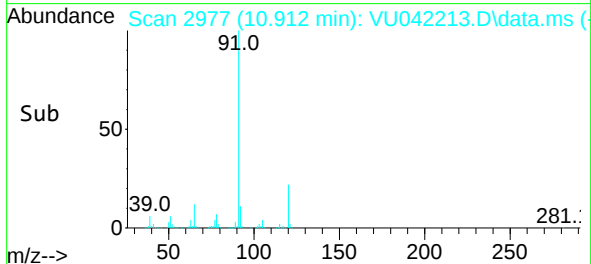
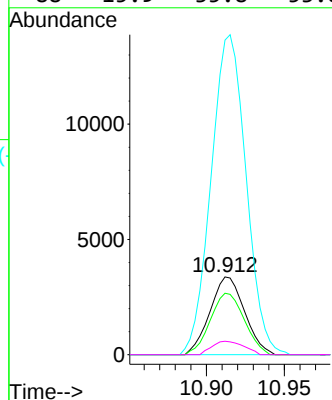
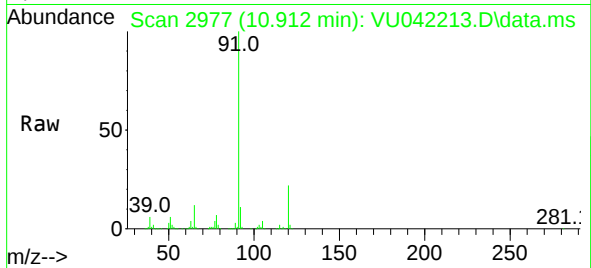




#46
t-1,4-Dichloro-2-butene
Concen: 4.63 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.061 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

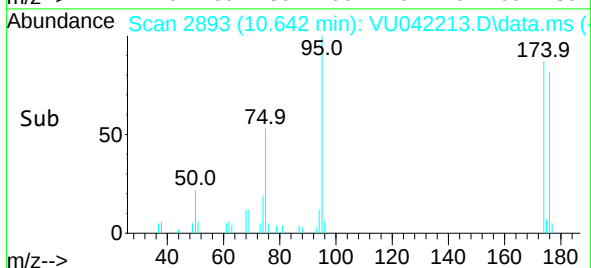
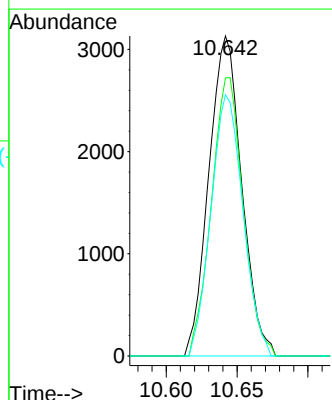
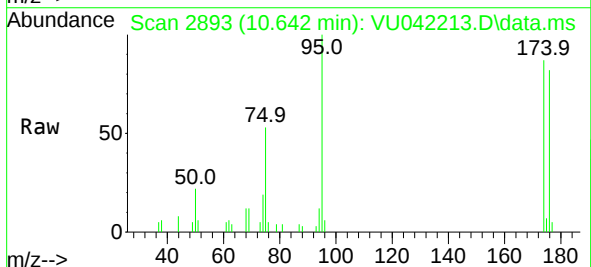
Instrument :
MSVOA_U
ClientSampleId :

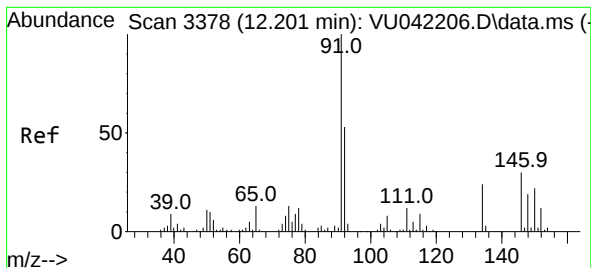
Tgt Ion: 75 Resp: 5207
Ion Ratio Lower Upper
75 100
53 77.5 75.9 113.9
89 415.9 45.1 67.7#
88 15.9 35.8 53.8#



#57
4-Bromofluorobenzene
Concen: 0.98 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.000 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

Tgt Ion: 95 Resp: 5047
Ion Ratio Lower Upper
95 100
174 84.0 69.6 104.4
176 79.6 65.5 98.3

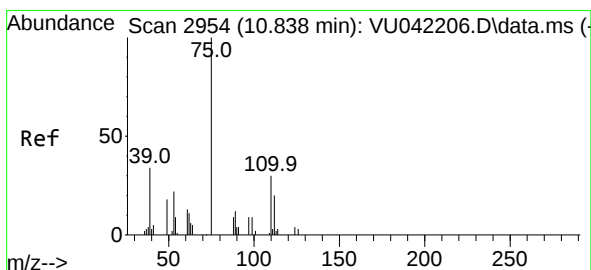
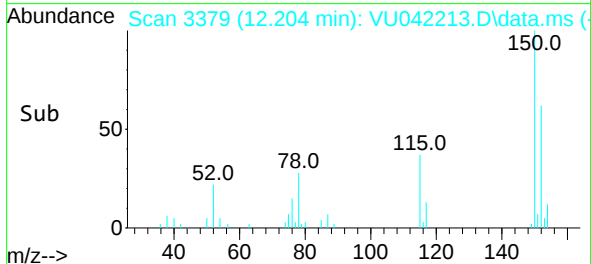
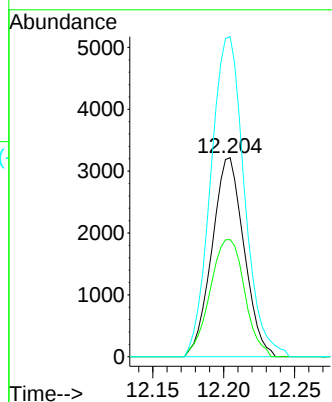
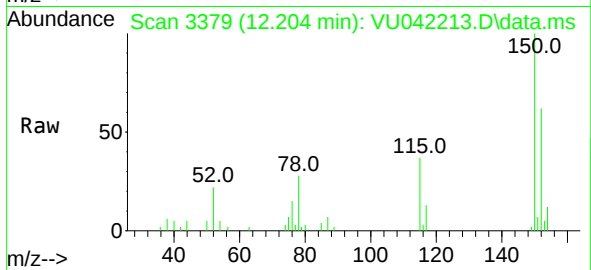




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.96 ug/l
 RT: 12.204 min Scan# 3379
 Delta R.T. 0.003 min
 Lab File: VU042213.D
 Acq: 28 Jan 2021 20:29

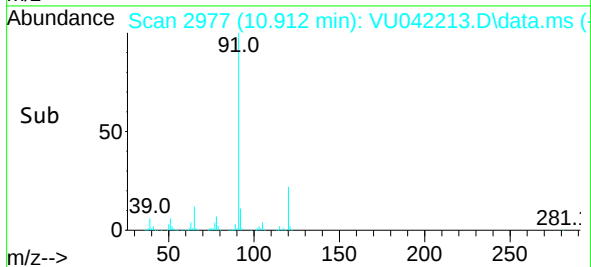
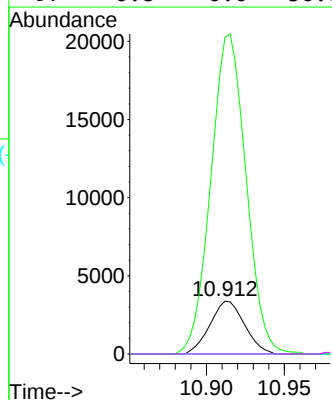
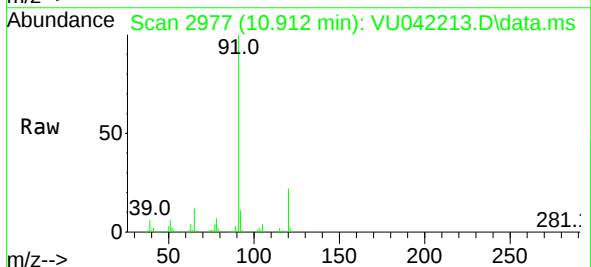
Instrument :
 MSVOA_U
 ClientSampleId :

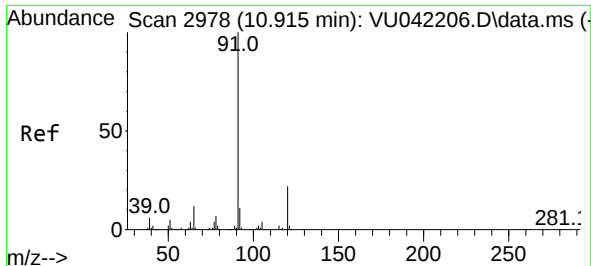
Tgt Ion:152 Resp: 5059
 Ion Ratio Lower Upper
 152 100
 115 63.4 0.0 243.2
 150 168.6 0.0 642.6



#71
 1,2,3-Trichloropropane
 Concen: 1.75 ug/l
 RT: 10.912 min Scan# 2977
 Delta R.T. 0.074 min
 Lab File: VU042213.D
 Acq: 28 Jan 2021 20:29

Tgt Ion: 75 Resp: 5207
 Ion Ratio Lower Upper
 75 100
 77 616.4 0.0 107.2#
 110 0.0 0.0 69.0
 97 0.8 0.0 36.6

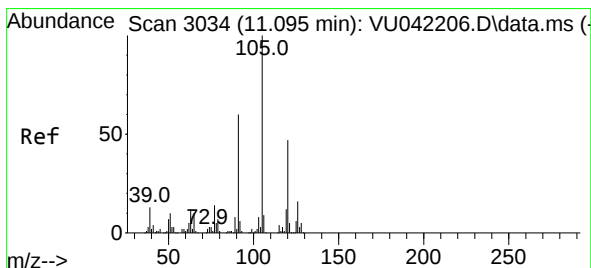
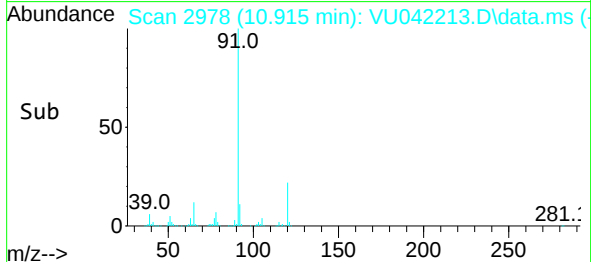
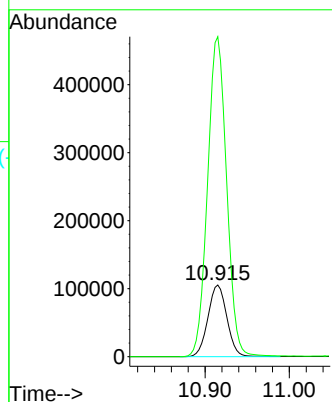
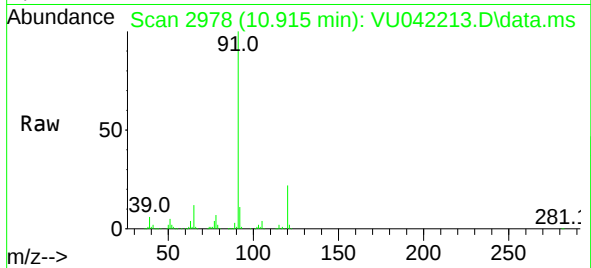




#73
n-propylbenzene
Concen: 34.63 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. -0.000 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:120 Resp: 164902
Ion Ratio Lower Upper
120 100
91 449.0 355.1 532.7



#75
1,3,5-Trimethylbenzene
Concen: 1.73 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. -0.180 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

Tgt Ion:105 Resp: 26887
Ion Ratio Lower Upper
105 100
120 613.3 37.8 56.8#

