

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 :
 PT-ADD-WS

Quant Time: Jan 29 10:31:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jan 29 09:59:59 2021
 Response via : Initial Calibration

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

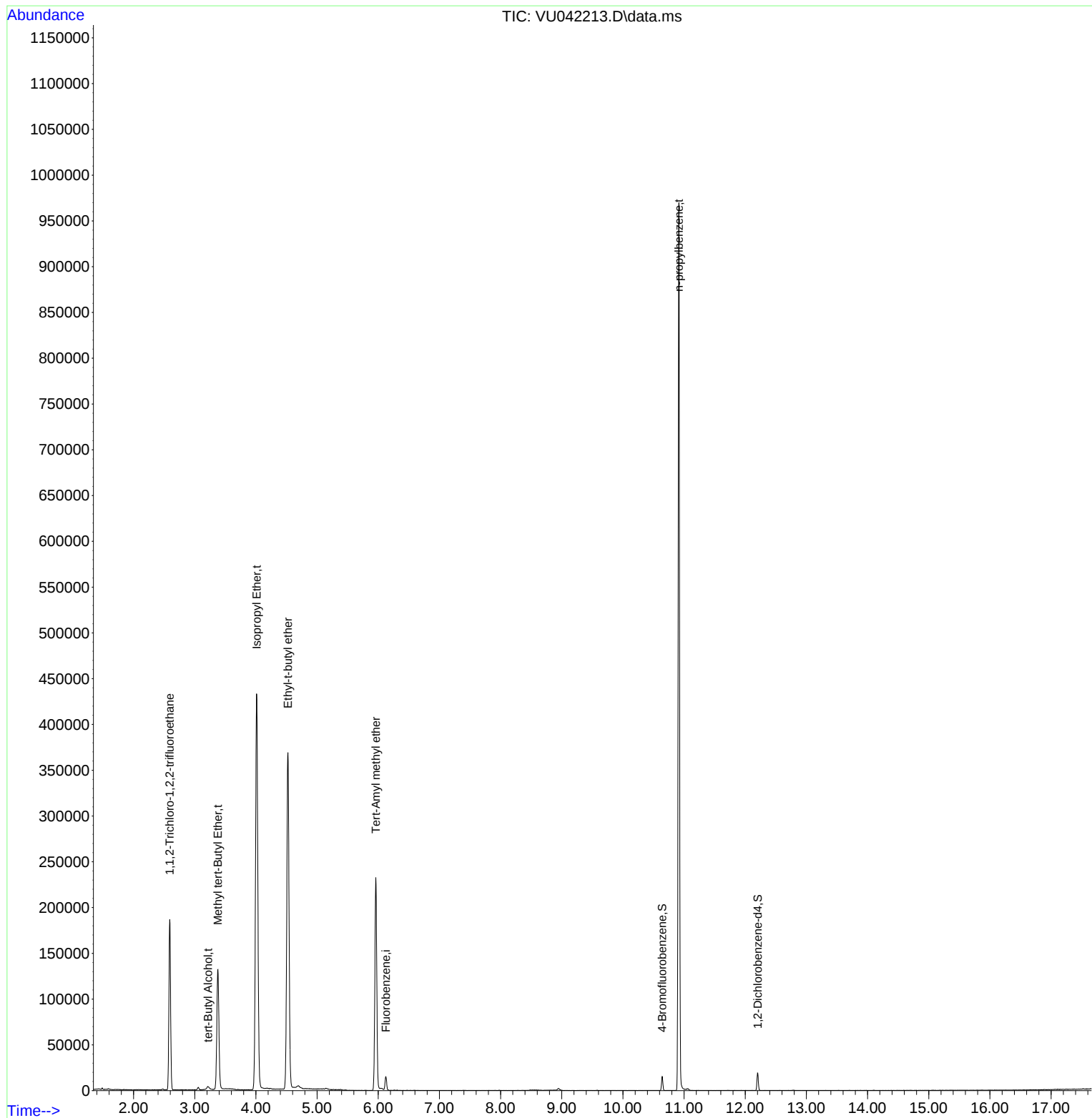
Internal Standards						
1) Fluorobenzene	6.124	96	13331	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	5047	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	12.204	152	5059	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	70669	20.90	ug/l	100
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
73) n-propylbenzene	10.915	120	164902	34.63	ug/l	98

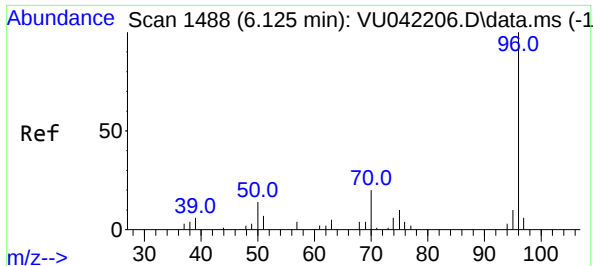
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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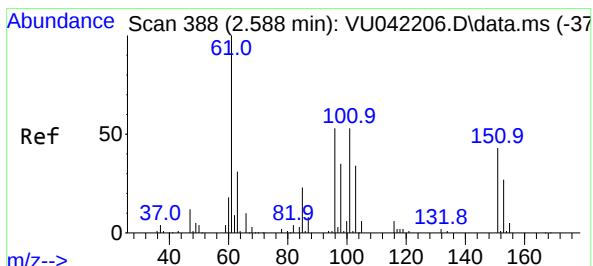
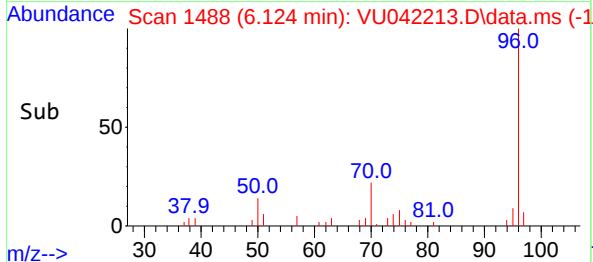
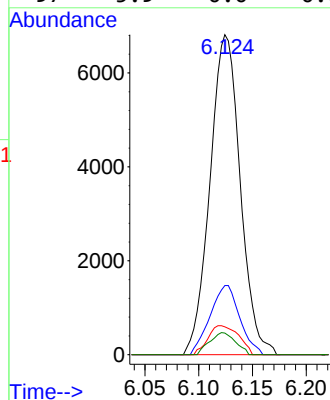
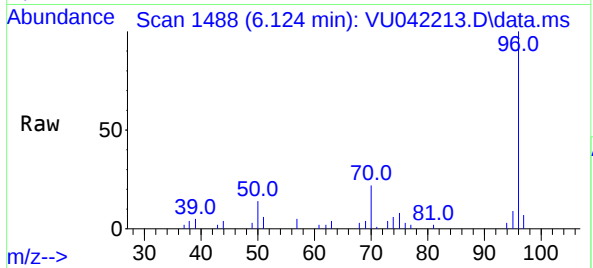


#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.124 min Scan# 1488
Delta R.T. -0.001 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

Instrument :
MSVOA_U
ClientSampled :
PT-ADD-WS

Tgt Ion: 96 Resp: 13331

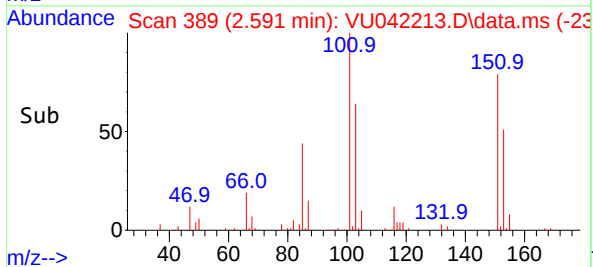
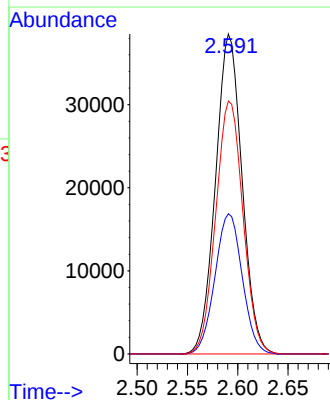
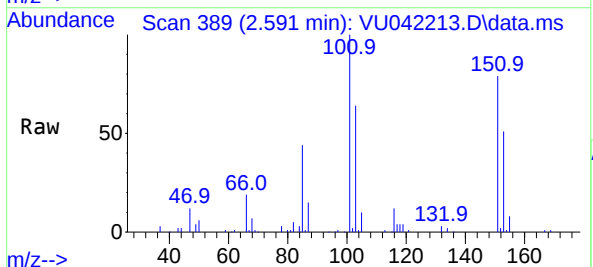
Ion	Ratio	Lower	Upper
96	100		
70	21.2	16.3	24.5
95	9.2	7.6	11.4
97	5.9	0.0	0.0

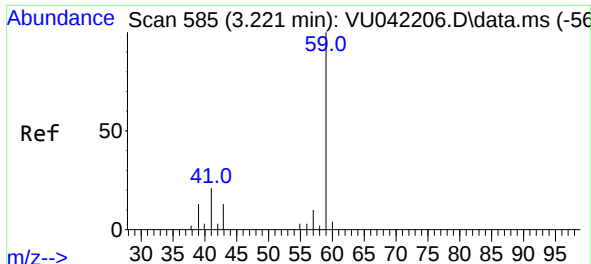


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.90 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

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

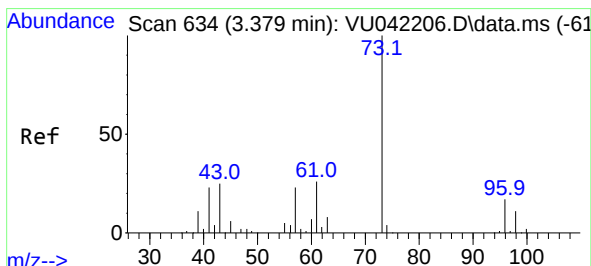
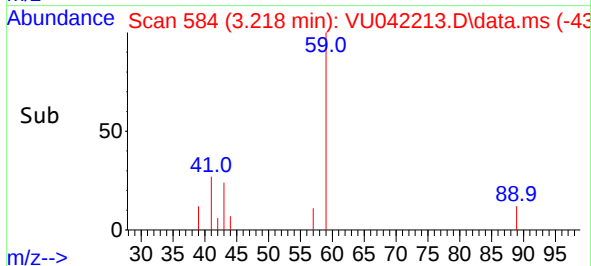
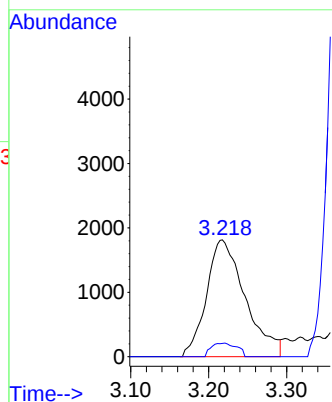
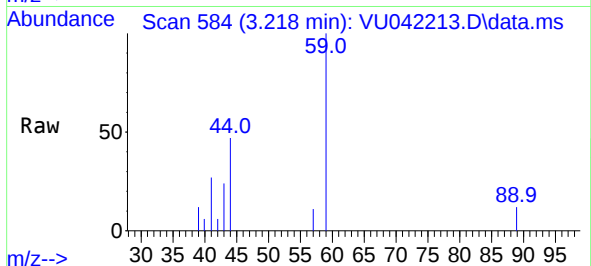




#24
tert-Butyl Alcohol
Concen: 33.80 ug/l
RT: 3.218 min Scan# 584
Delta R.T. -0.003 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

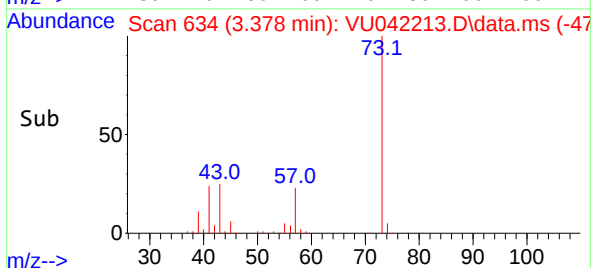
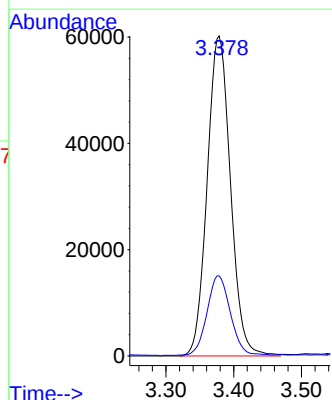
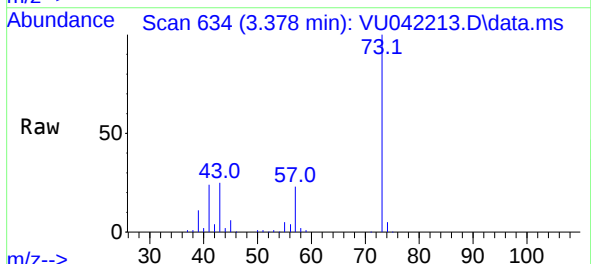
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

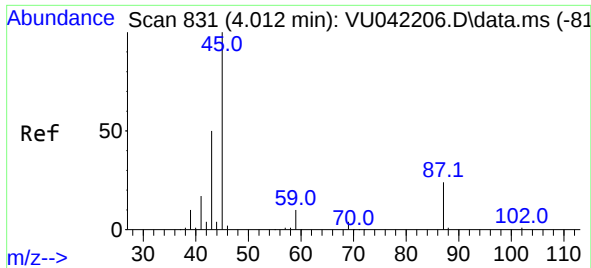
Tgt Ion: 59 Resp: 6280
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#25
Methyl tert-Butyl Ether
Concen: 15.94 ug/l
RT: 3.378 min Scan# 634
Delta R.T. -0.001 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

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

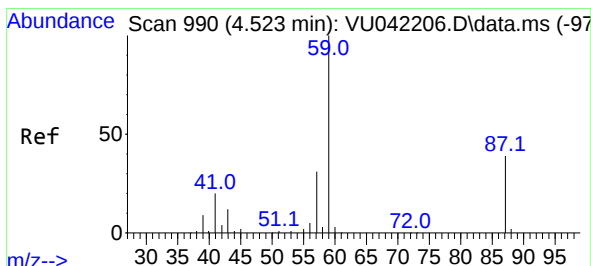
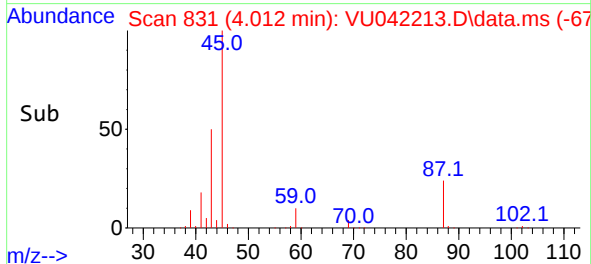
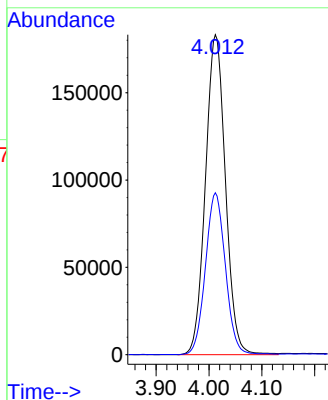
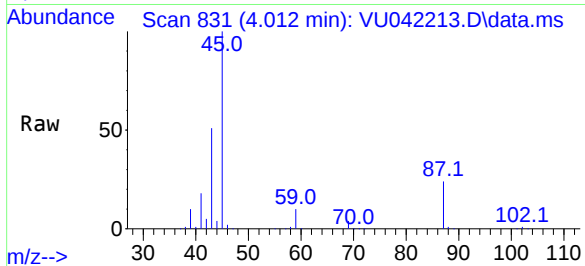




#31
Isopropyl Ether
Concen: 39.72 ug/l
RT: 4.012 min Scan# 831
Delta R.T. -0.000 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

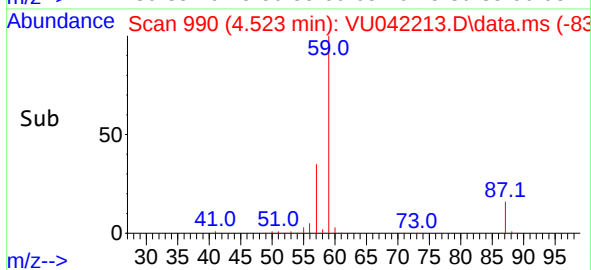
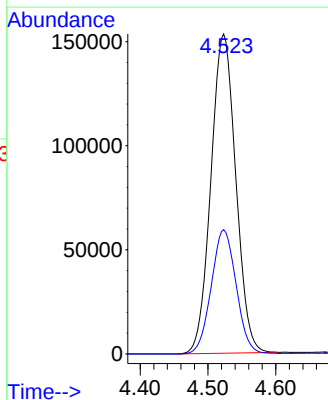
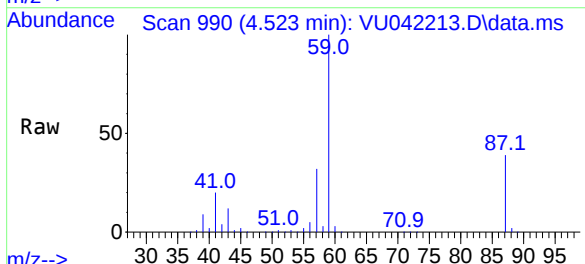
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

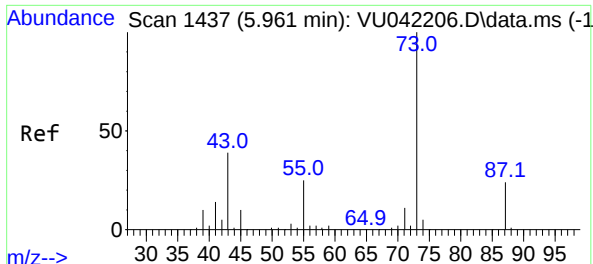
Tgt Ion: 45 Resp: 482261
Ion Ratio Lower Upper
45 100
43 50.4 25.4 76.0



#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

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

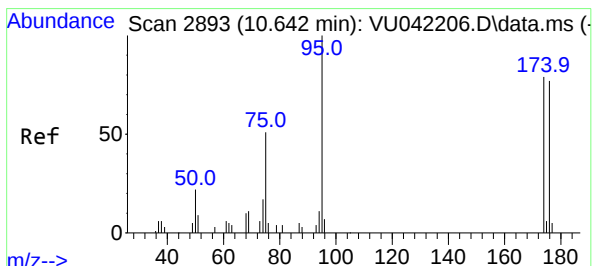
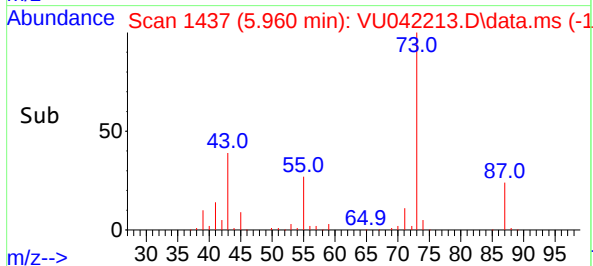
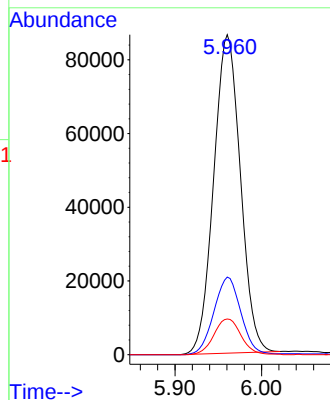
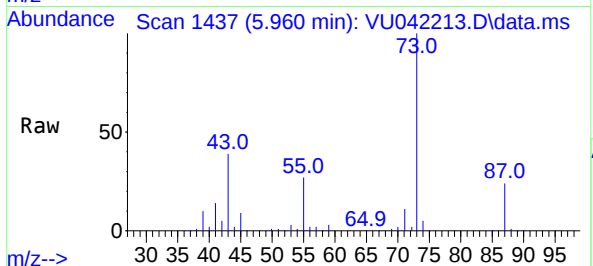




#33
Tert-Amyl methyl ether
Concen: 18.11 ug/l
RT: 5.960 min Scan# 1437
Delta R.T. -0.001 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

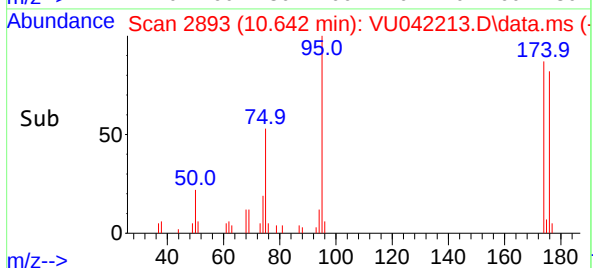
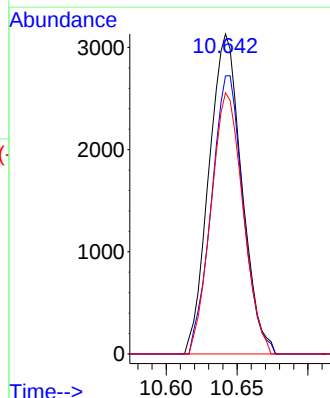
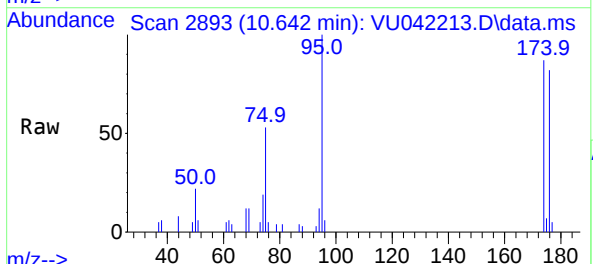
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

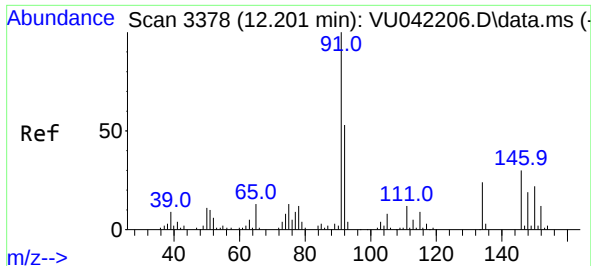
Tgt Ion:	73	Resp:	184943
Ion	Ratio	Lower	Upper
73	100		
87	24.3	19.4	29.2
71	11.5	9.0	13.6



#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

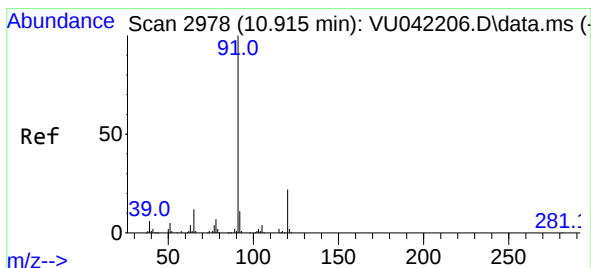
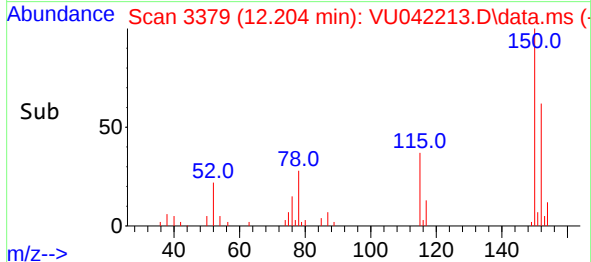
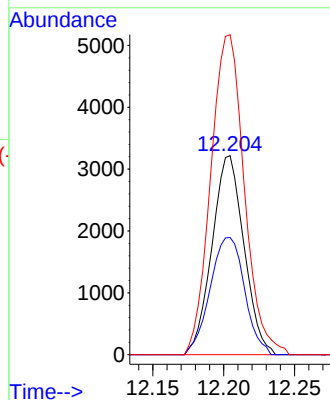
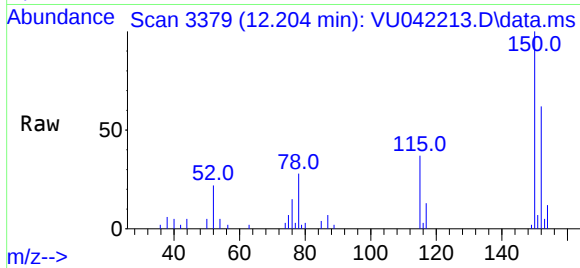




#68
1,2-Dichlorobenzene-d4
Concen: 0.96 ug/l
RT: 12.204 min Scan# 3379
Delta R.T. 0.003 min
Lab File: VU042213.D
Acq: 28 Jan 2021 20:29

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

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



#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

Tgt Ion	Ratio	Lower	Upper
120	100		
91	449.0	355.1	532.7

