

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071921\
 Data File : VU044360.D
 Acq On : 19 Jul 2021 12:21
 Operator : SY/MD
 Sample : M3035-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WS

Quant Time: Jul 20 01:21:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 16 14:36:39 2021
 Response via : Initial Calibration

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

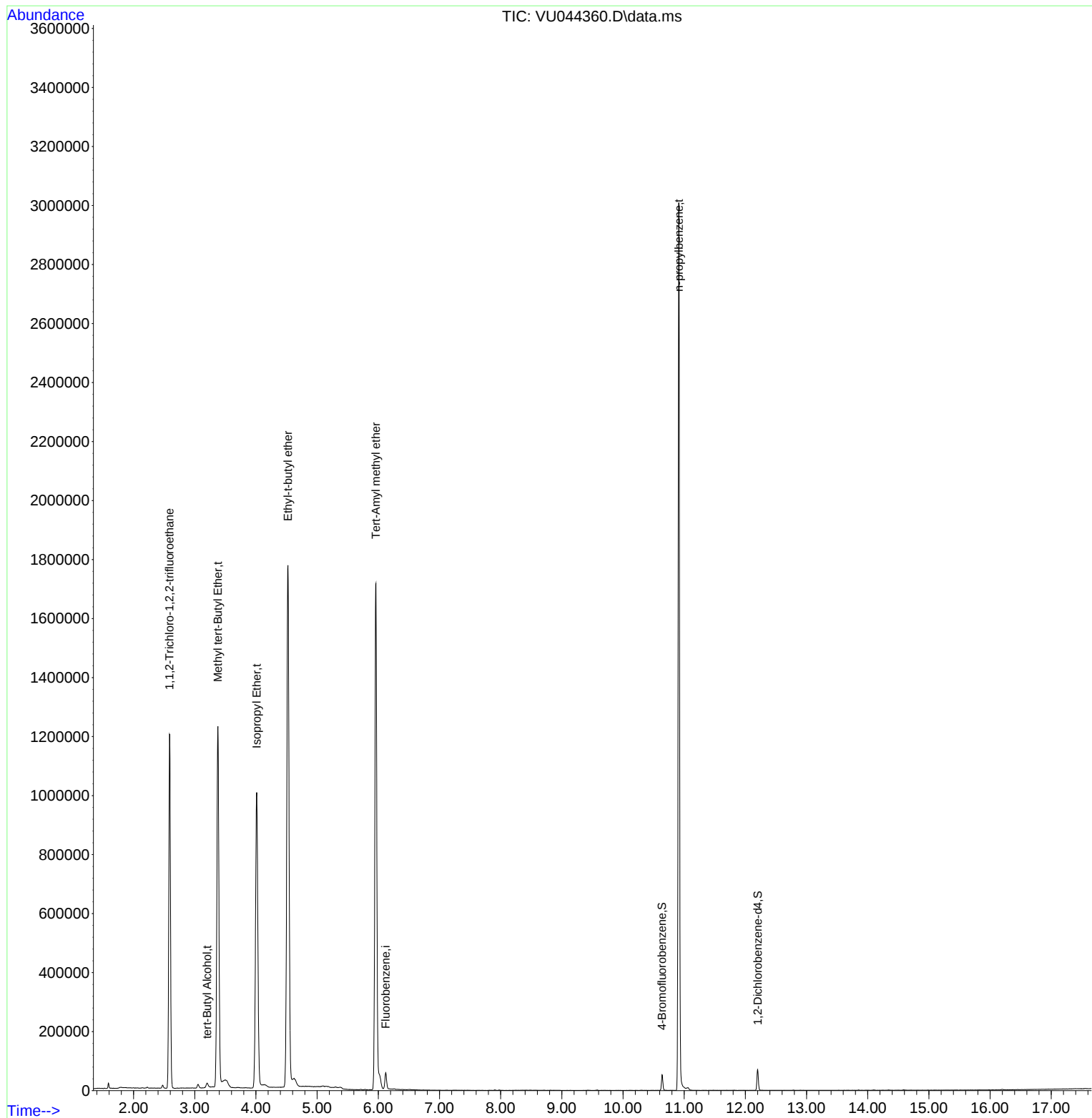
Internal Standards						
1) Fluorobenzene	6.121	96	52266	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	19627	0.930	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.201	152	19496	0.948	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	505467	36.944	ug/l	98
24) tert-Butyl Alcohol	3.202	59	31460	47.338	ug/l #	1
25) Methyl tert-Butyl Ether	3.378	73	1451361	38.954	ug/l	93
31) Isopropyl Ether	4.012	45	1144038	24.802	ug/l	94
32) Ethyl-t-butyl ether	4.523	59	1936432	42.574	ug/l	98
33) Tert-Amyl methyl ether	5.960	73	1581227	39.094	ug/l	98
73) n-propylbenzene	10.912	120	526146	26.939	ug/l	90

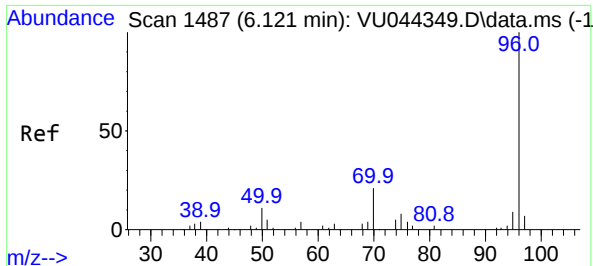
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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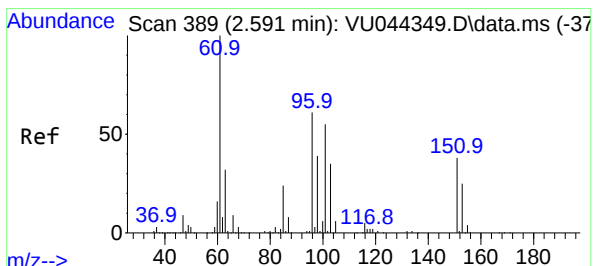
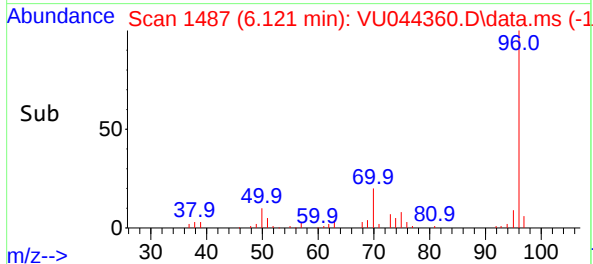
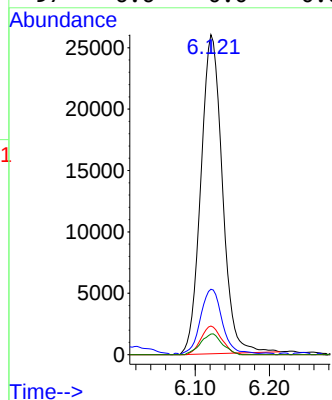
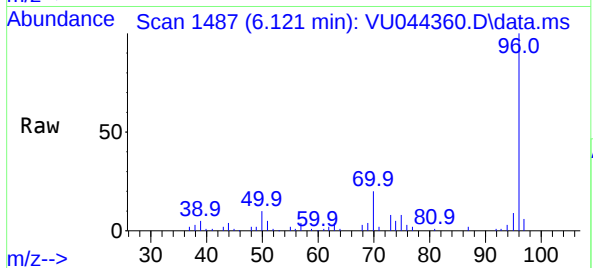




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

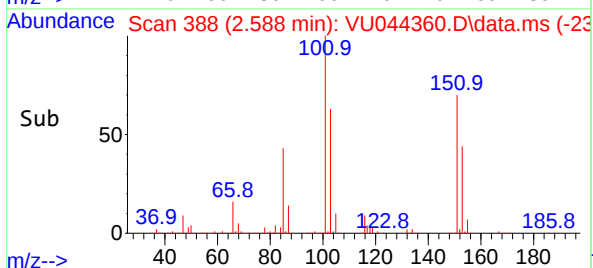
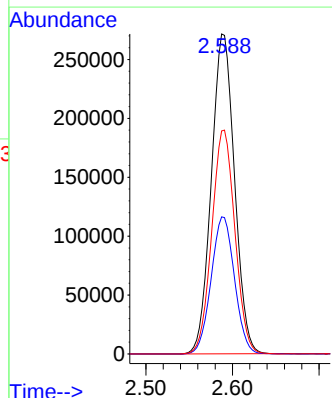
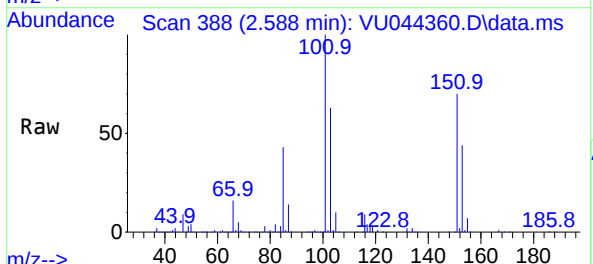
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

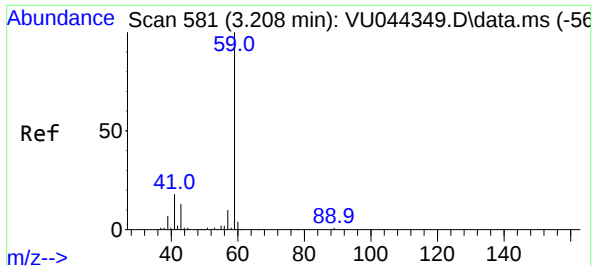
Tgt Ion: 96	Resp: 52266
Ion Ratio	Lower Upper
96 100	
70 20.4	16.2 24.2
95 8.6	7.3 10.9
97 6.6	0.0 0.0#



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 36.944 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

Tgt Ion:101	Resp: 505467		
Ion Ratio	Lower	Upper	
101 100			
85 43.2	35.8	53.8	
151 69.9	57.0	85.4	





#24

tert-Butyl Alcohol

Concen: 47.338 ug/l

RT: 3.202 min Scan# 51

Delta R.T. -0.007 min

Lab File: VU044360.D

Acq: 19 Jul 2021 12:21

Instrument :

MSVOA_U

ClientSampleId :

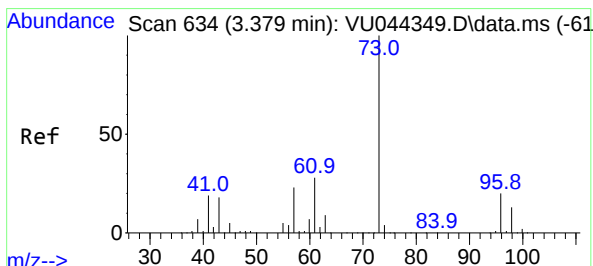
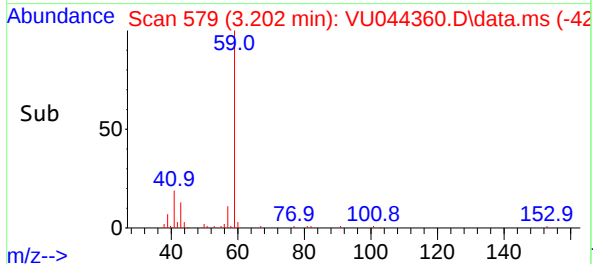
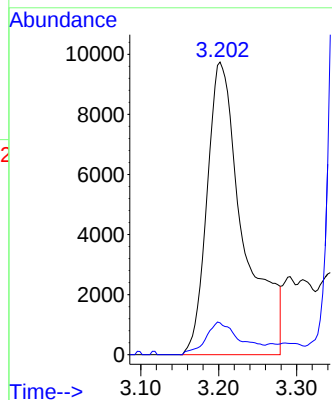
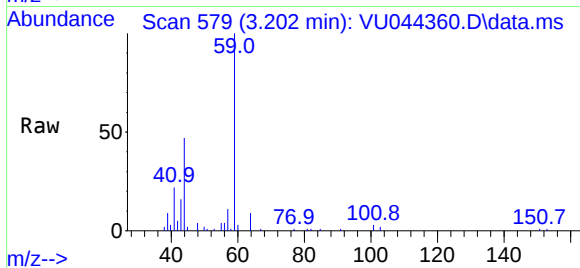
PT-ADD-WS

Tgt Ion: 59 Resp: 31460

Ion Ratio Lower Upper

59 100

57 1051.6 8.2 12.4#



#25

Methyl tert-Butyl Ether

Concen: 38.954 ug/l

RT: 3.378 min Scan# 634

Delta R.T. -0.000 min

Lab File: VU044360.D

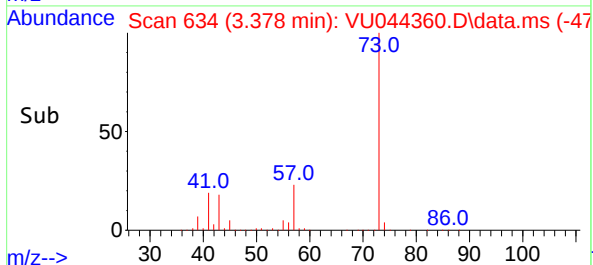
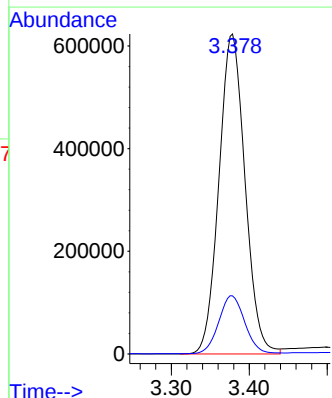
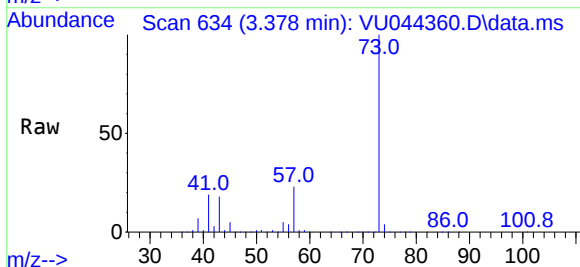
Acq: 19 Jul 2021 12:21

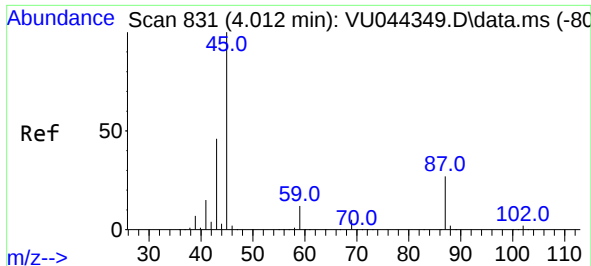
Tgt Ion: 73 Resp: 1451361

Ion Ratio Lower Upper

73 100

43 18.1 17.3 25.9

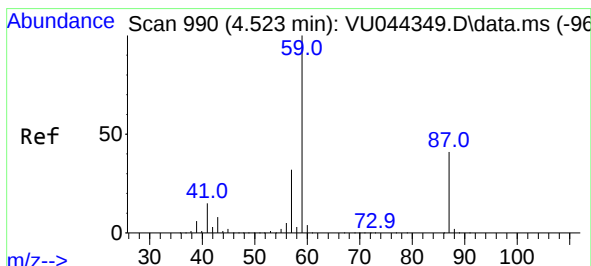
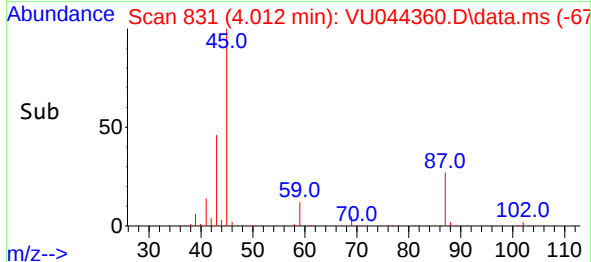
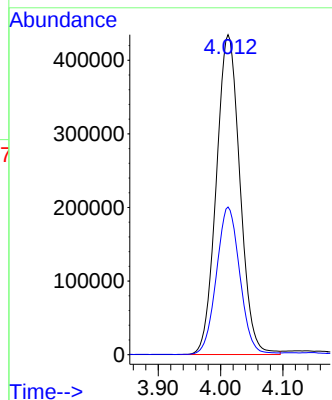
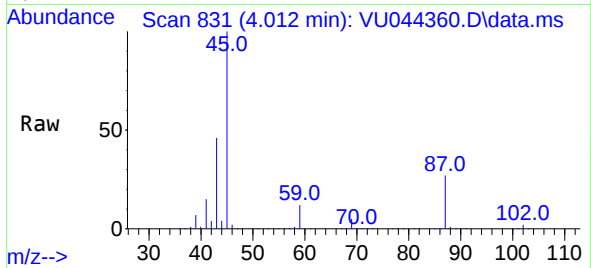




#31
Isopropyl Ether
Concen: 24.802 ug/l
RT: 4.012 min Scan# 831
Delta R.T. -0.000 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

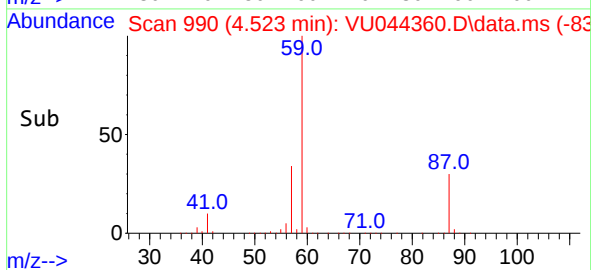
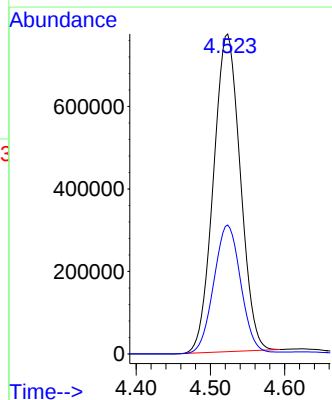
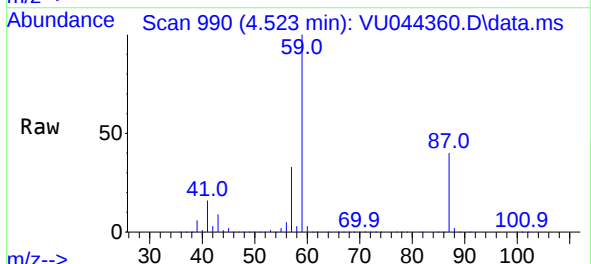
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

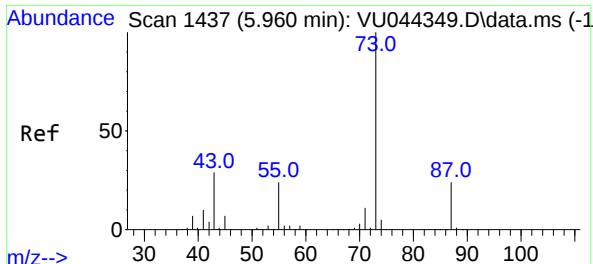
Tgt Ion: 45 Resp: 1144038
Ion Ratio Lower Upper
45 100
43 45.7 24.9 74.6



#32
Ethyl-t-butyl ether
Concen: 42.574 ug/l
RT: 4.523 min Scan# 990
Delta R.T. -0.000 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

Tgt Ion: 59 Resp: 1936432
Ion Ratio Lower Upper
59 100
87 40.2 31.3 46.9



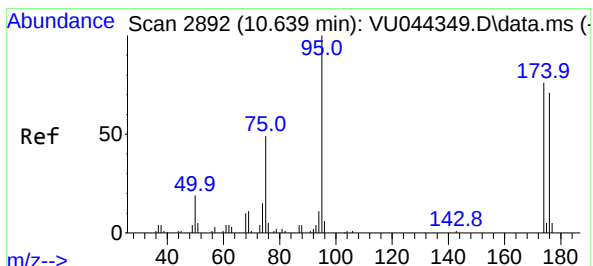
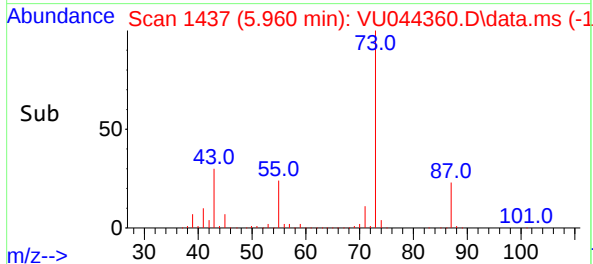
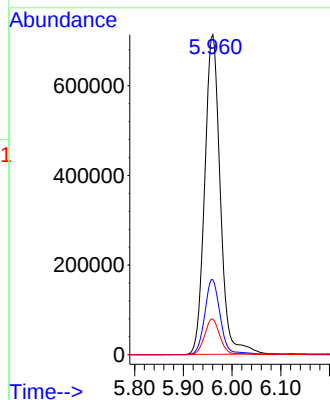
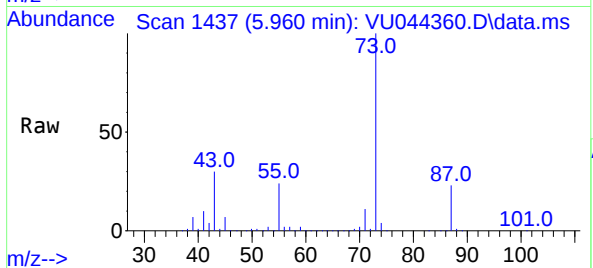


#33
Tert-Amyl methyl ether
Concen: 39.094 ug/l
RT: 5.960 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

Tgt Ion: 73 Resp: 1581227

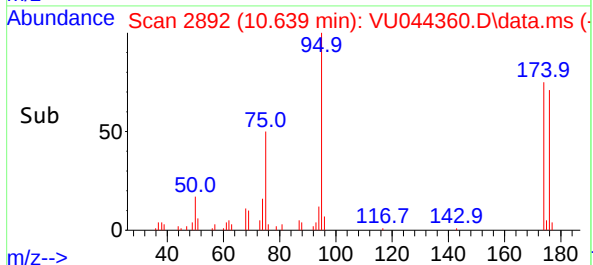
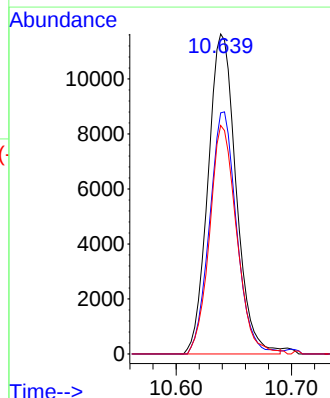
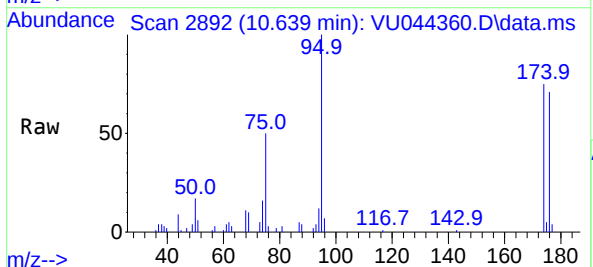
Ion	Ratio	Lower	Upper
73	100		
87	23.5	19.8	29.6
71	11.2	9.1	13.7

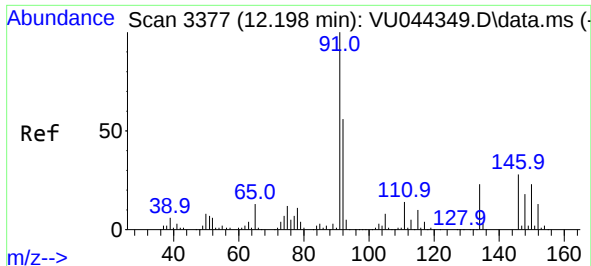


#57
4-Bromofluorobenzene
Concen: 0.930 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

Tgt Ion: 95 Resp: 19627

Ion	Ratio	Lower	Upper
95	100		
174	72.9	62.2	93.2
176	68.9	60.3	90.5

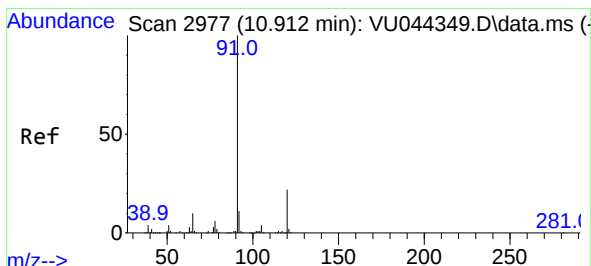
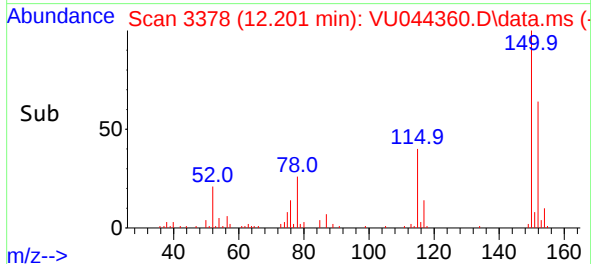
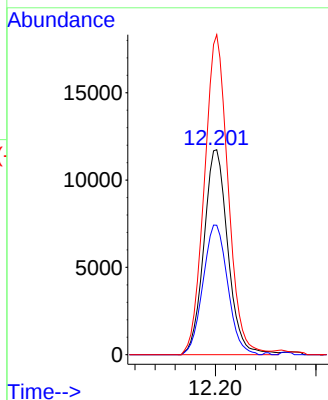
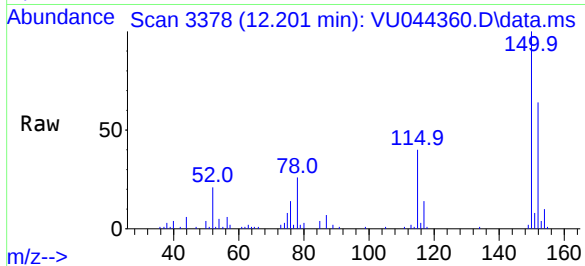




#68
1,2-Dichlorobenzene-d4
Concen: 0.948 ug/l
RT: 12.201 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

Tgt Ion:152 Resp: 19496
Ion Ratio Lower Upper
152 100
115 65.0 0.0 257.0
150 154.1 0.0 630.2



#73
n-propylbenzene
Concen: 26.939 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

Tgt Ion:120 Resp: 526146
Ion Ratio Lower Upper
120 100
91 458.6 346.6 519.8

