

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 :

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)

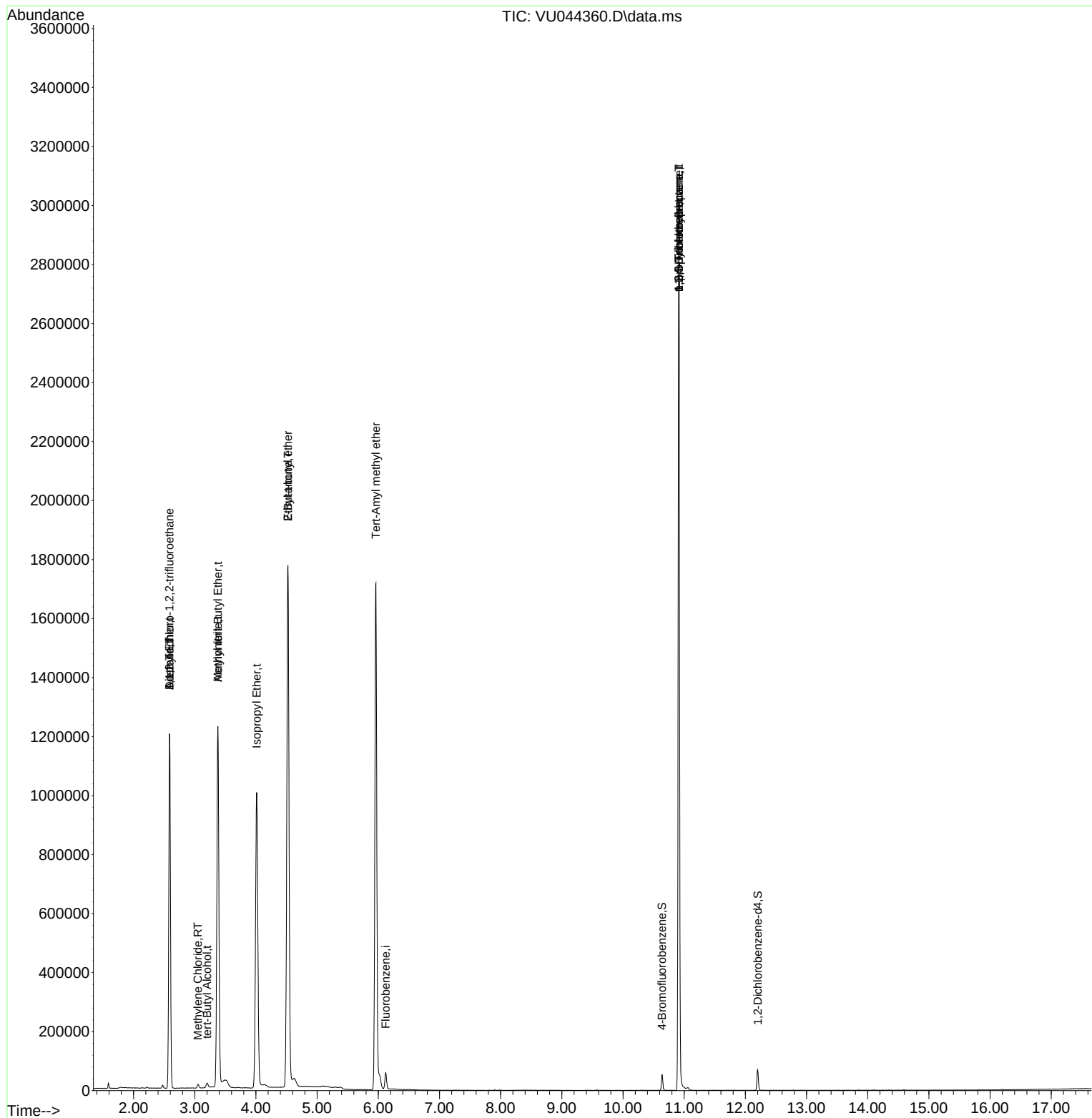
Internal Standards						
1) Fluorobenzene	6.121	96	52266	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	19627	0.930	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.201	152	19496	0.948	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
					Qvalue	
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	505467	36.944	ug/l	98
12) Acrylonitrile	3.378	53	12540	4.100	ug/l #	33
13) Acetone	2.588	43	4727	3.099	ug/l	99
15) Methylene Chloride	3.051	84	5172	0.273	ug/l	95
18) 2-Butanone	4.523	43	170116	51.998	ug/l #	1
23) Diethyl Ether	2.588	59	3908	0.349	ug/l #	20
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
46) t-1,4-Dichloro-2-butene	10.912	75	13250	2.837	ug/l #	1
71) 1,2,3-Trichloropropane	10.912	75	13250	0.980	ug/l #	1
73) n-propylbenzene	10.912	120	526146	26.939	ug/l	90
75) 1,3,5-Trimethylbenzene	10.912	105	87533	1.429	ug/l #	1

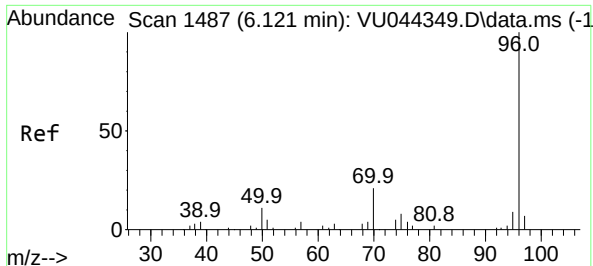
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071921\
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

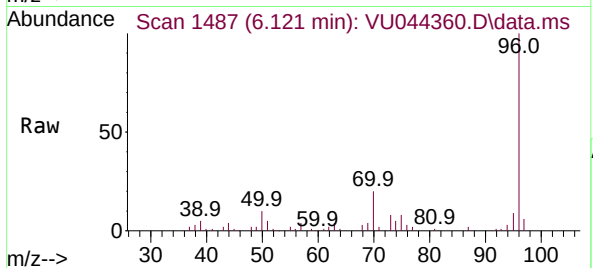
Quant Time: Jul 20 01:21:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 14:36:39 2021
Response via : Initial Calibration



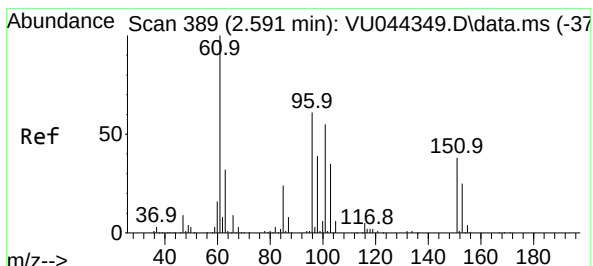
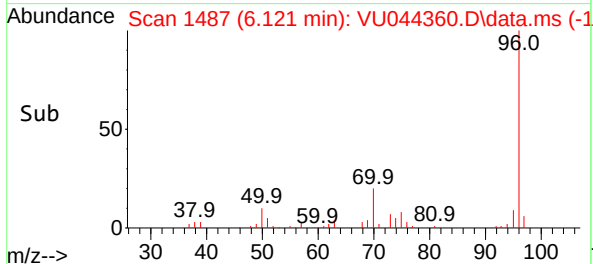
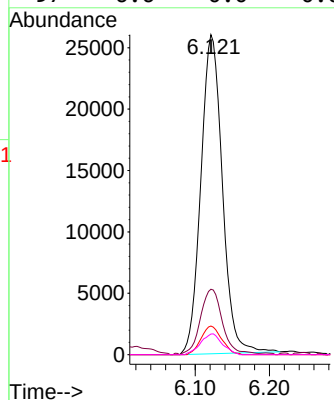


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

Instrument :
MSVOA_U
ClientSampleId :

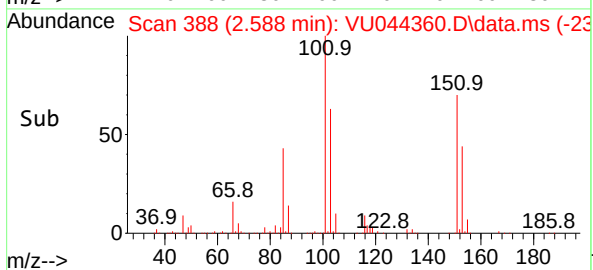
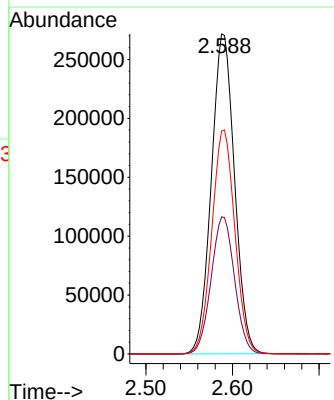
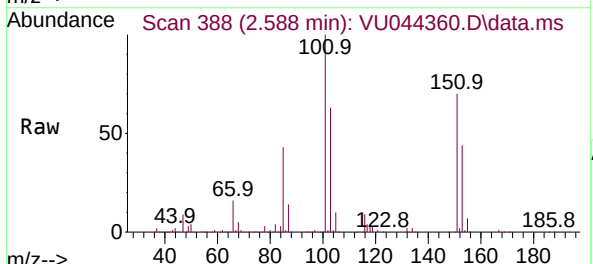


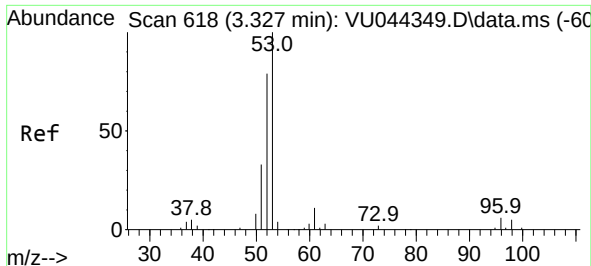
Tgt Ion:	96	Resp:	52266
Ion Ratio	100	Lower	Upper
96	100		
70	20.4	16.2	24.2
95	8.6	7.3	10.9
97	6.6	0.0	0.0



#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	100	Lower	Upper
101	100		
85	43.2	35.8	53.8
151	69.9	57.0	85.4

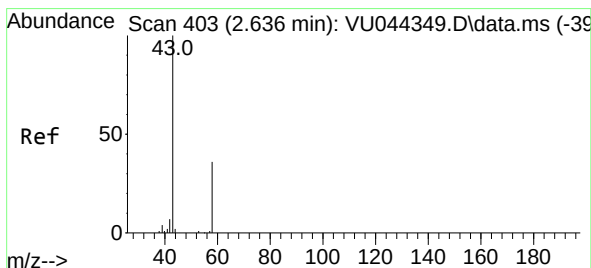
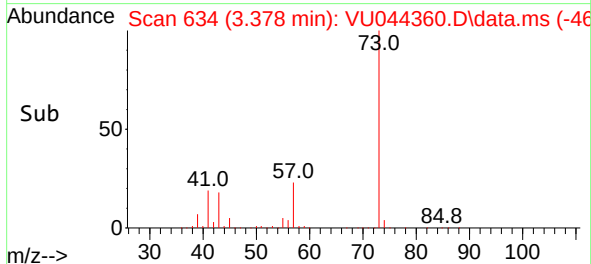
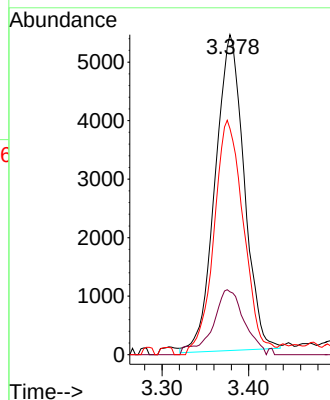
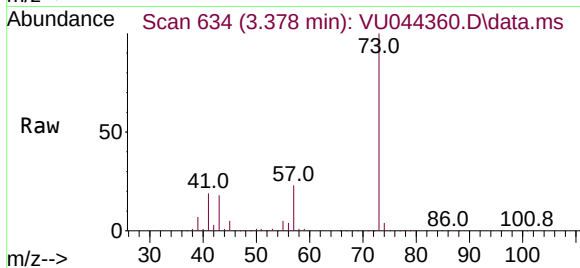




#12
Acrylonitrile
Concen: 4.100 ug/l
RT: 3.378 min Scan# 618
Delta R.T. 0.051 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

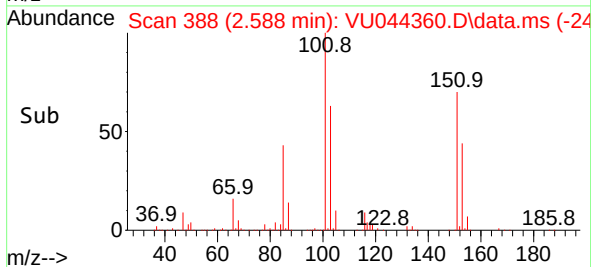
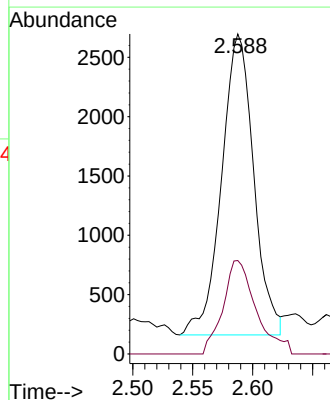
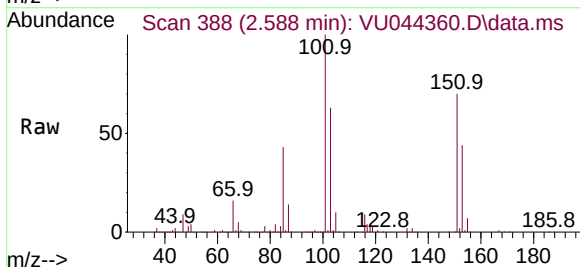
Instrument :
MSVOA_U
ClientSampleId :

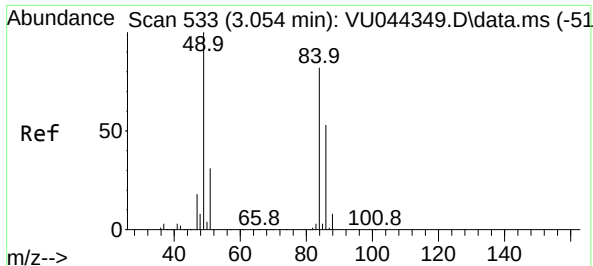
Tgt Ion: 53 Resp: 12540
Ion Ratio Lower Upper
53 100
52 22.4 67.0 100.4#
51 76.3 29.8 44.6#



#13
Acetone
Concen: 3.099 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.048 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

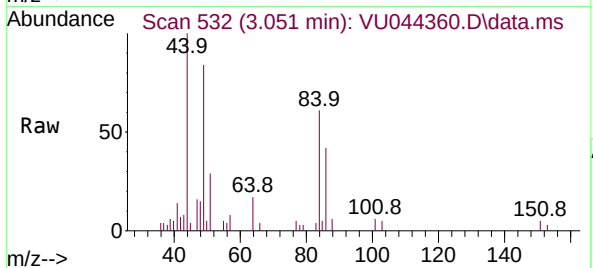
Tgt Ion: 43 Resp: 4727
Ion Ratio Lower Upper
43 100
58 31.0 24.3 36.5



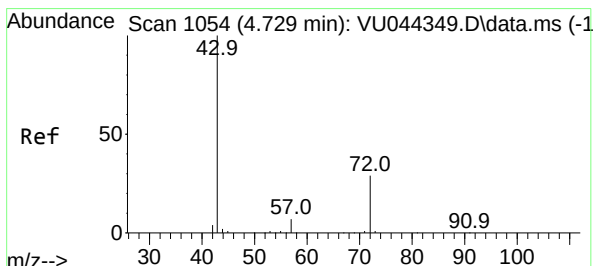
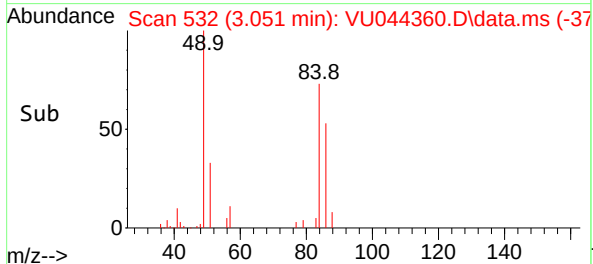
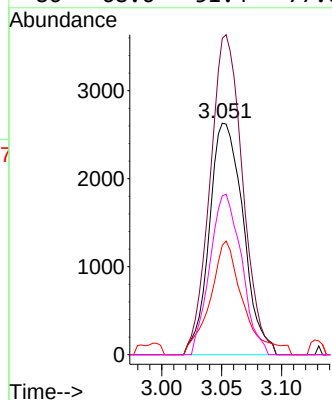


#15
Methylene Chloride
Concen: 0.273 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

Instrument :
MSVOA_U
ClientSampleId :

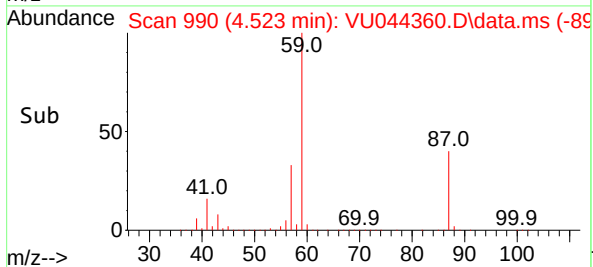
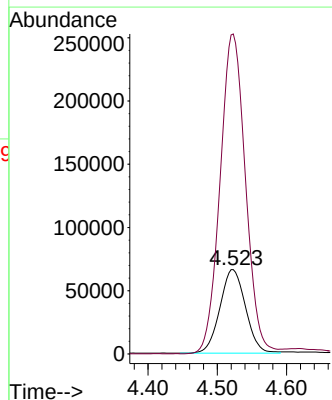
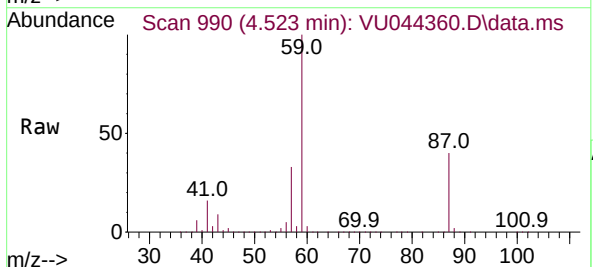


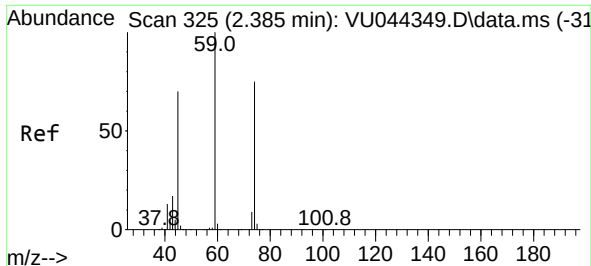
Tgt Ion:	84	Resp:	5172
Ion	Ratio	Lower	Upper
84	100		
49	136.6	106.3	159.5
51	47.2	0.0	81.8
86	68.6	51.4	77.0



#18
2-Butanone
Concen: 51.998 ug/l
RT: 4.523 min Scan# 990
Delta R.T. -0.206 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

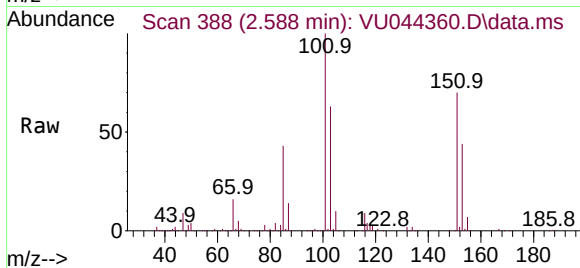
Tgt Ion:	43	Resp:	170116
Ion	Ratio	Lower	Upper
43	100		
57	382.4	0.0	17.6#



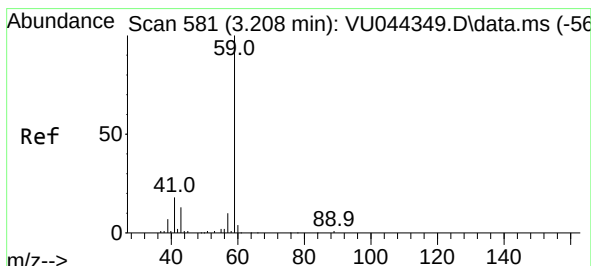
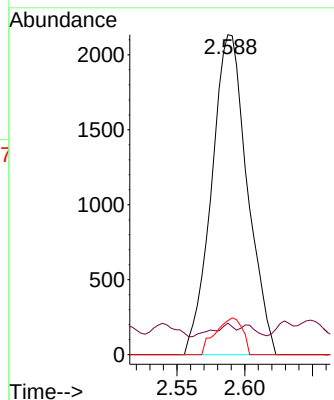
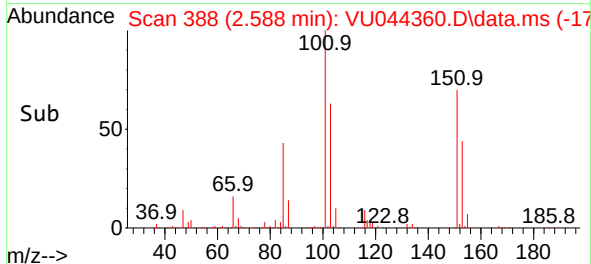


#23
Diethyl Ether
Concen: 0.349 ug/l
RT: 2.588 min Scan# 31
Delta R.T. 0.202 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

Instrument :
MSVOA_U
ClientSampleId :

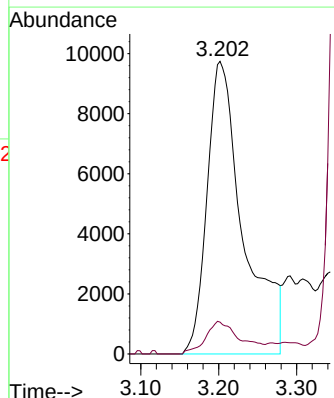
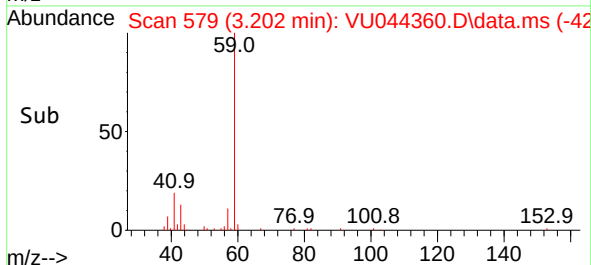
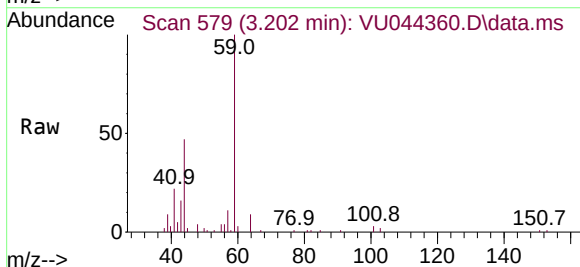


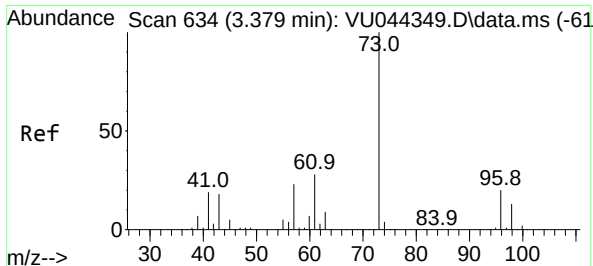
Tgt Ion: 59 Resp: 3908
Ion Ratio Lower Upper
59 100
45 2.3 55.7 83.5#
74 8.7 59.7 89.5#



#24
tert-Butyl Alcohol
Concen: 47.338 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.007 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

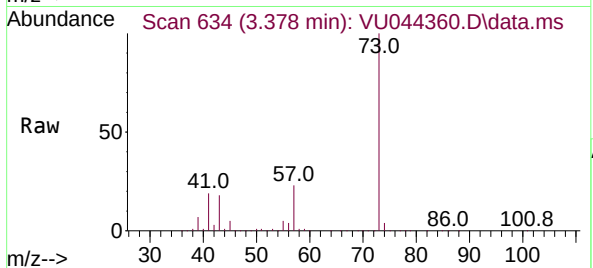
Tgt Ion: 59 Resp: 31460
Ion Ratio Lower Upper
59 100
57 1051.6 8.2 12.4#



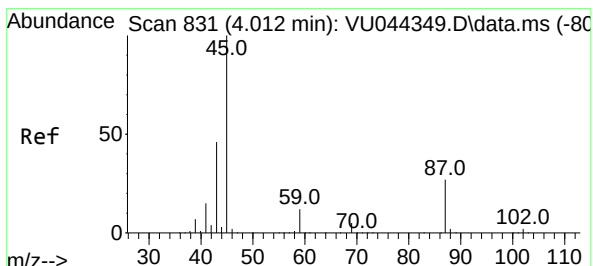
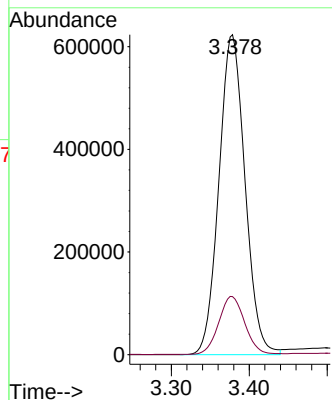
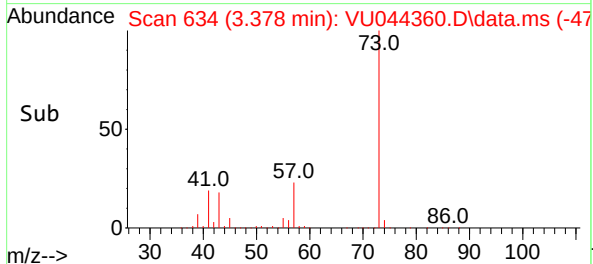


#25
Methyl tert-Butyl Ether
Concen: 38.954 ug/l
RT: 3.378 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

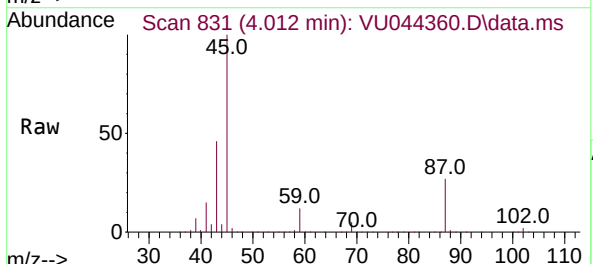
Instrument :
MSVOA_U
ClientSampleId :



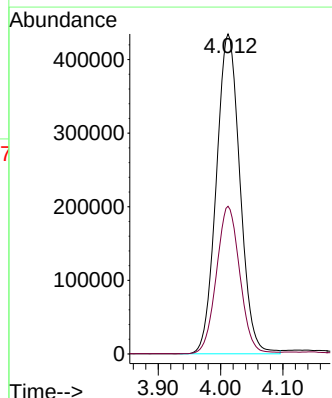
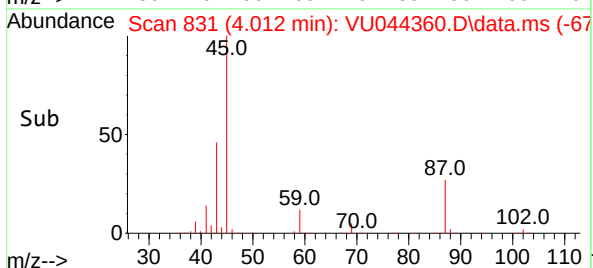
Tgt Ion: 73 Resp: 1451361
Ion Ratio Lower Upper
73 100
43 18.1 17.3 25.9

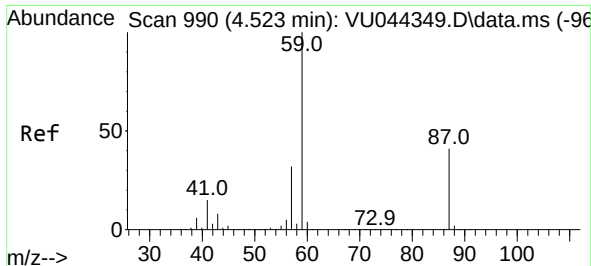


#31
Isopropyl Ether
Concen: 24.802 ug/l
RT: 4.012 min Scan# 831
Delta R.T. -0.000 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21



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

Instrument :

MSVOA_U

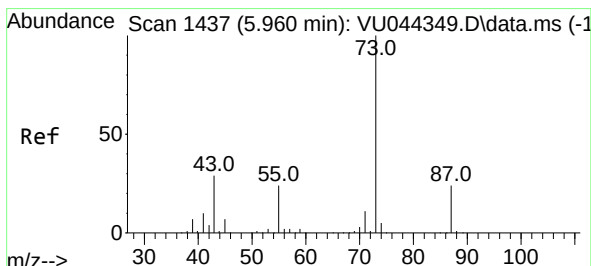
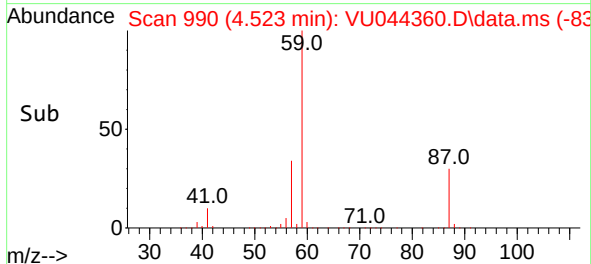
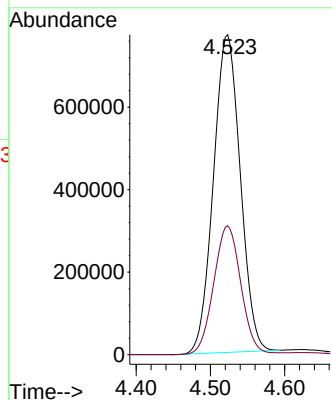
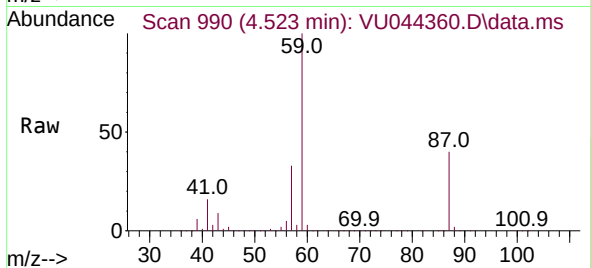
ClientSampleId :

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

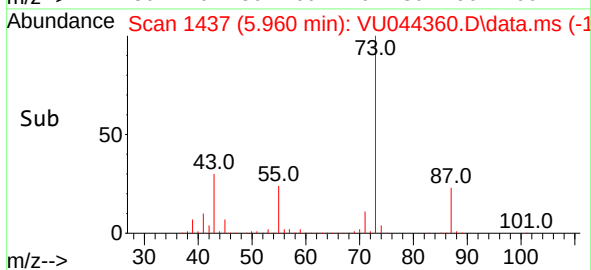
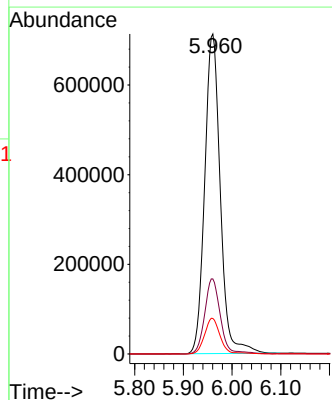
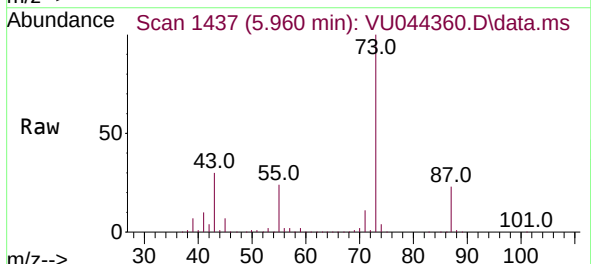
Tgt Ion: 73 Resp: 1581227

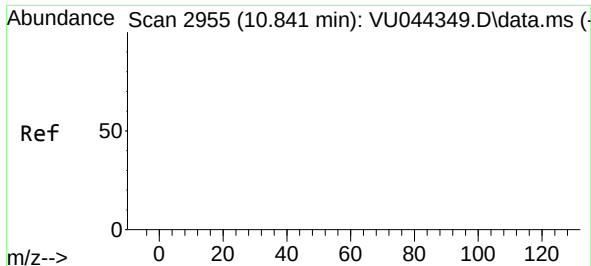
Ion Ratio Lower Upper

73 100

87 23.5 19.8 29.6

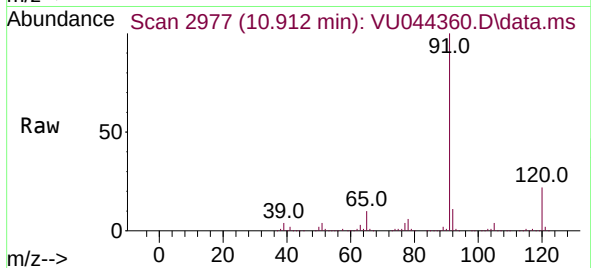
71 11.2 9.1 13.7



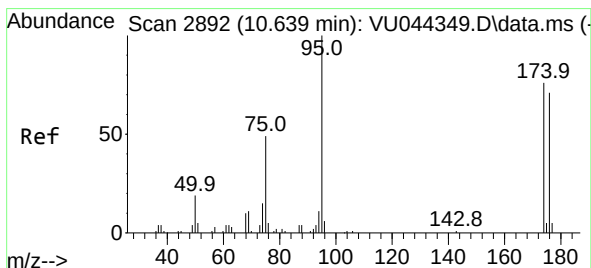
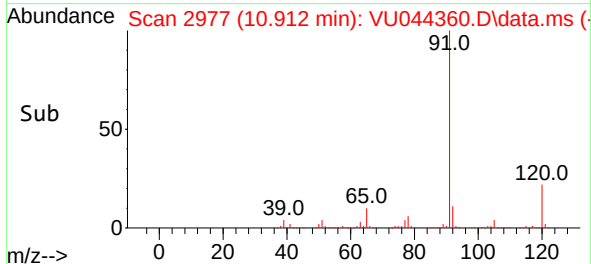
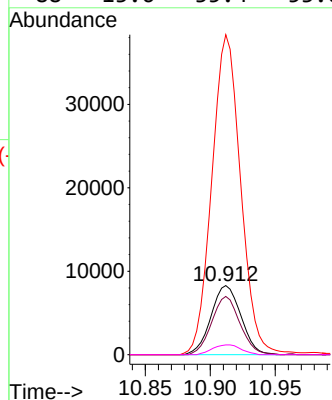


#46
t-1,4-Dichloro-2-butene
Concen: 2.837 ug/l
RT: 10.912 min Scan# 2955
Delta R.T. 0.071 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

Instrument :
MSVOA_U
ClientSampleId :

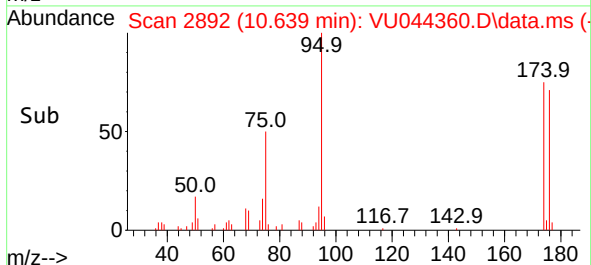
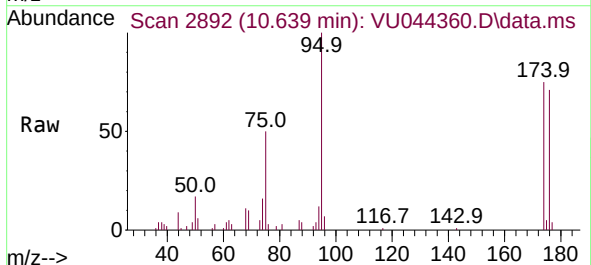
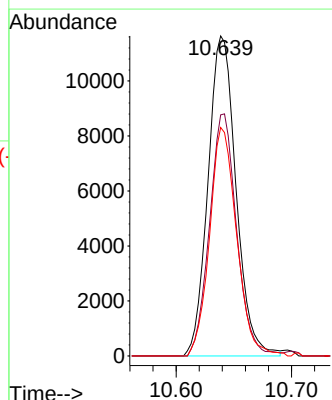


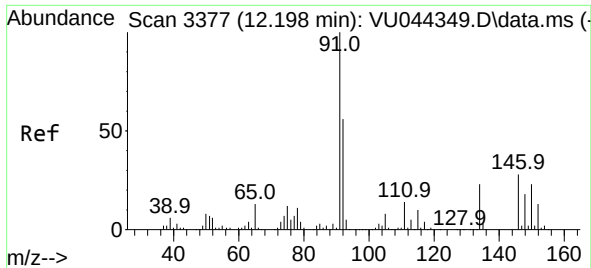
Tgt Ion: 75 Resp: 13250
Ion Ratio Lower Upper
75 100
53 79.8 63.7 95.5
89 446.5 44.6 67.0#
88 13.6 35.4 53.0#



#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

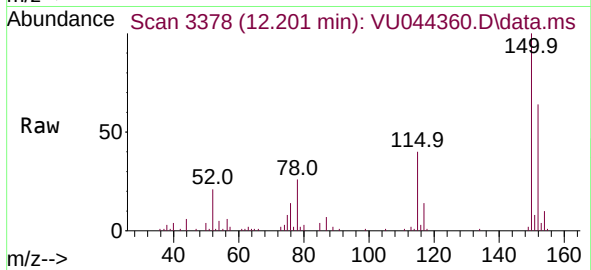
Tgt Ion: 95 Resp: 19627
Ion Ratio Lower Upper
95 100
174 72.9 62.2 93.2
176 68.9 60.3 90.5



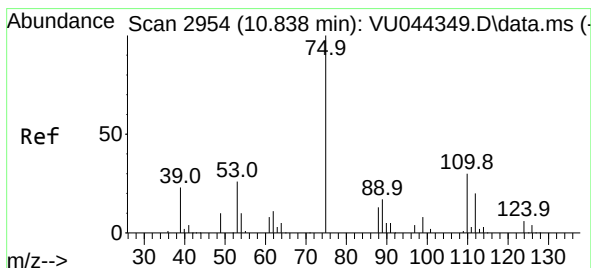
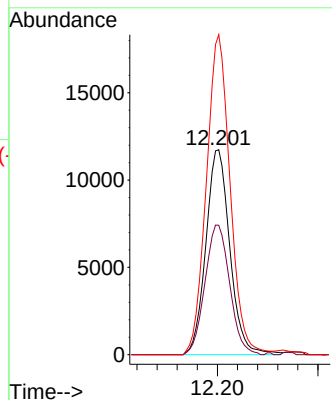
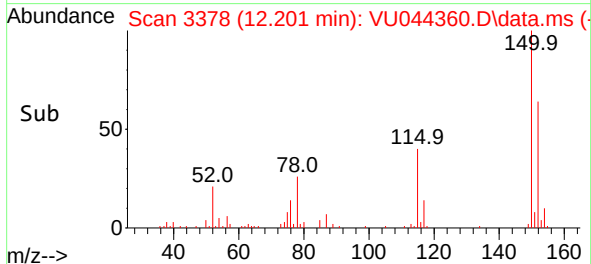


#68
 1,2-Dichlorobenzene-d4
 Concen: 0.948 ug/l
 RT: 12.201 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU044360.D
 Acq: 19 Jul 2021 12:21

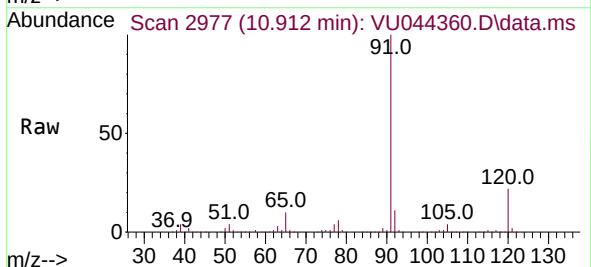
Instrument :
 MSVOA_U
 ClientSampleId :



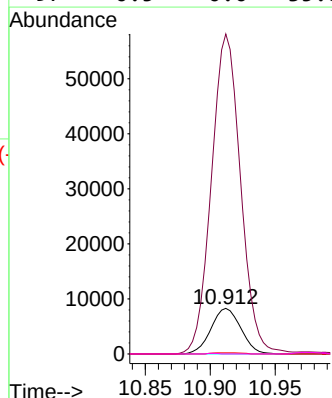
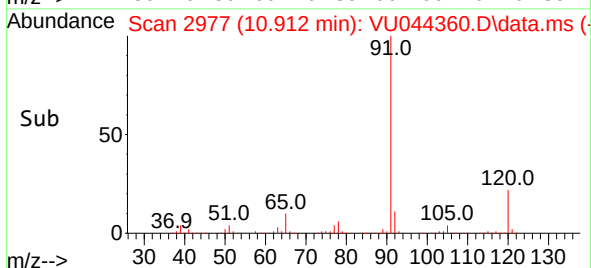
Tgt Ion:152 Resp: 19496
 Ion Ratio Lower Upper
 152 100
 115 65.0 0.0 257.0
 150 154.1 0.0 630.2

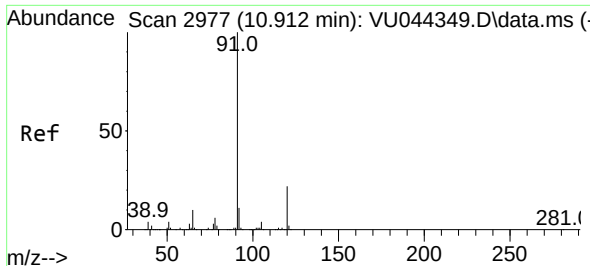


#71
 1,2,3-Trichloropropane
 Concen: 0.980 ug/l
 RT: 10.912 min Scan# 2977
 Delta R.T. 0.074 min
 Lab File: VU044360.D
 Acq: 19 Jul 2021 12:21



Tgt Ion: 75 Resp: 13250
 Ion Ratio Lower Upper
 75 100
 77 684.6 0.0 111.4#
 110 2.5 0.0 74.6
 97 0.5 0.0 35.8

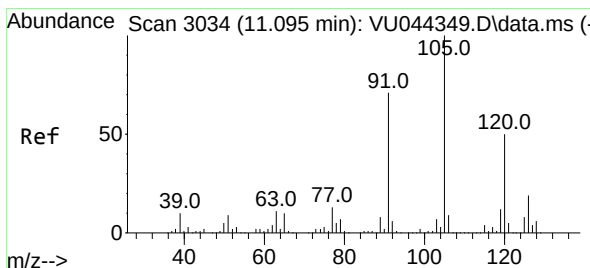
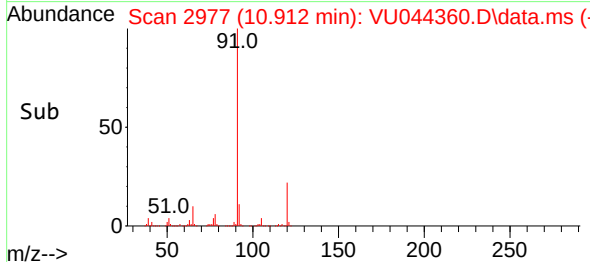
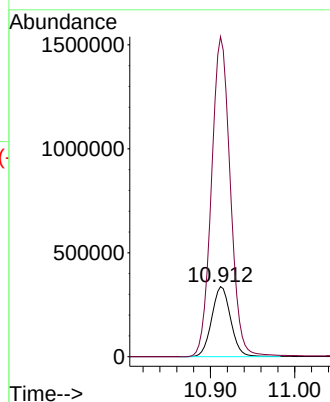
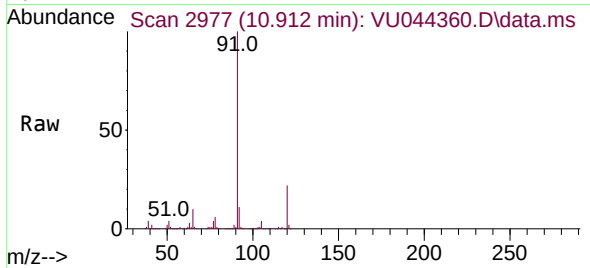




#73
n-propylbenzene
Concen: 26.939 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

Instrument :
MSVOA_U
ClientSampleId :

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



#75
1,3,5-Trimethylbenzene
Concen: 1.429 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.183 min
Lab File: VU044360.D
Acq: 19 Jul 2021 12:21

Tgt Ion:105 Resp: 87533
Ion Ratio Lower Upper
105 100
120 601.1 38.6 58.0#

