

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071921\
 Data File : VU044363.D
 Acq On : 19 Jul 2021 15:35
 Operator : SY/MD
 Sample : M3035-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 01:21:35 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)

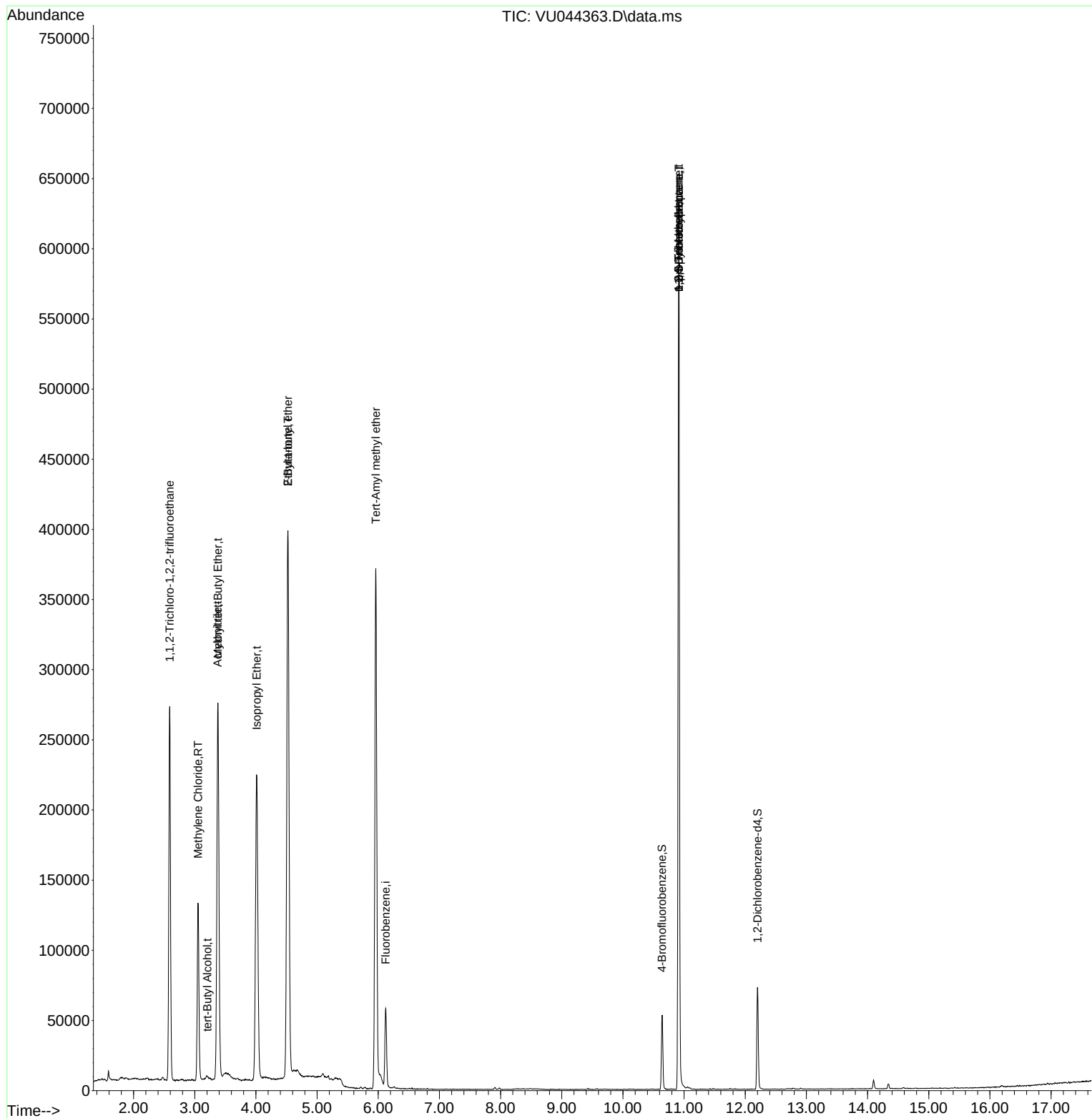
Internal Standards						
1) Fluorobenzene	6.121	96	53801	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	20271	0.934	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.201	152	19753	0.933	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
					Qvalue	
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	110646	7.856	ug/l	98
12) Acrylonitrile	3.375	53	3196	1.015	ug/l #	28
15) Methylene Chloride	3.054	84	61292	3.143	ug/l	93
18) 2-Butanone	4.523	43	37681	11.189	ug/l #	1
24) tert-Butyl Alcohol	3.208	59	3914	5.721	ug/l #	72
25) Methyl tert-Butyl Ether	3.378	73	321612	8.386	ug/l	92
31) Isopropyl Ether	4.012	45	248804	5.240	ug/l	95
32) Ethyl-t-butyl ether	4.523	59	428086	9.143	ug/l	98
33) Tert-Amyl methyl ether	5.960	73	320400	7.696	ug/l	99
46) t-1,4-Dichloro-2-butene	10.915	75	2913	0.606	ug/l #	1
71) 1,2,3-Trichloropropane	10.915	75	2913	0.209	ug/l #	1
73) n-propylbenzene	10.912	120	112554	5.599	ug/l	93
75) 1,3,5-Trimethylbenzene	10.912	105	18005	0.286	ug/l #	1

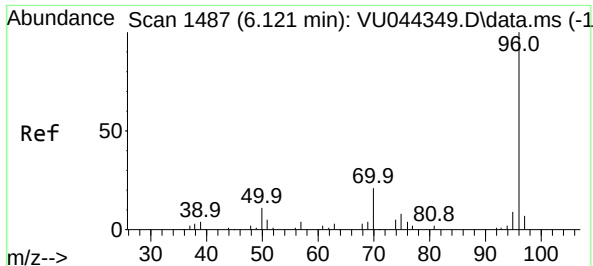
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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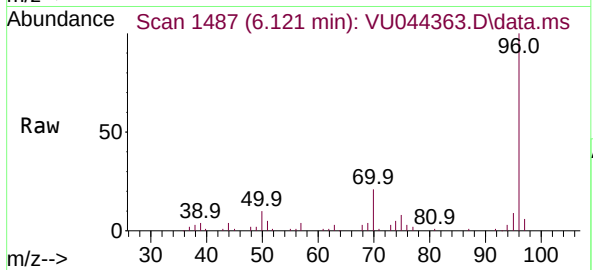
Quant Time: Jul 20 01:21:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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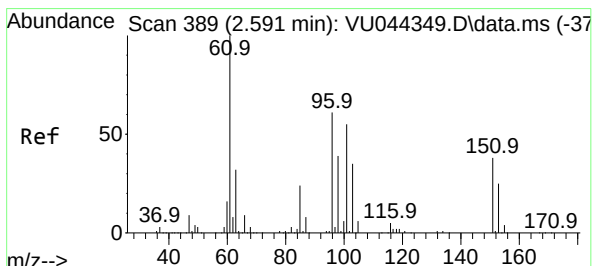
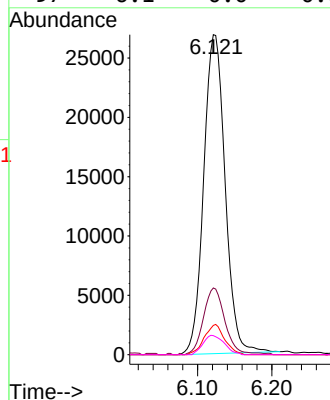
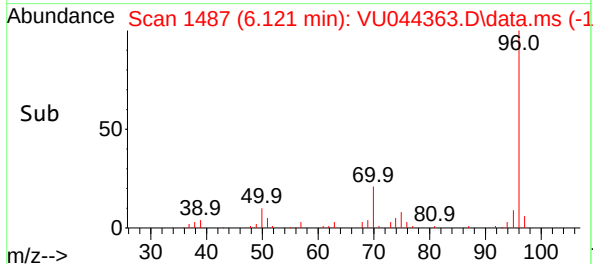


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

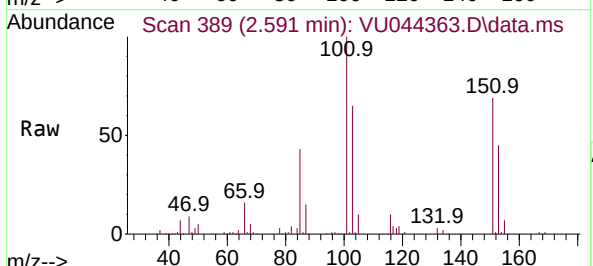
Instrument :
MSVOA_U
ClientSampleId :



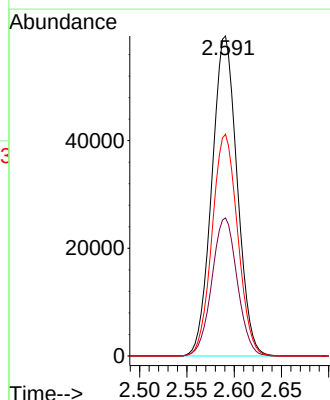
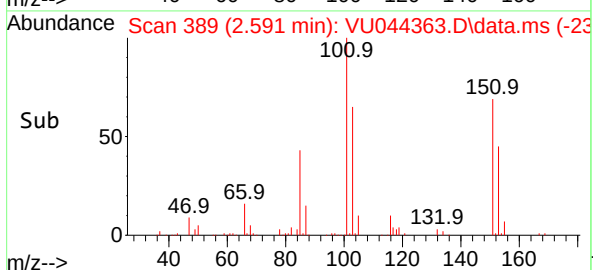
Tgt Ion: 96	Resp: 53801
Ion Ratio	Lower Upper
96 100	
70 21.1	16.2 24.2
95 9.0	7.3 10.9
97 6.1	0.0 0.0#

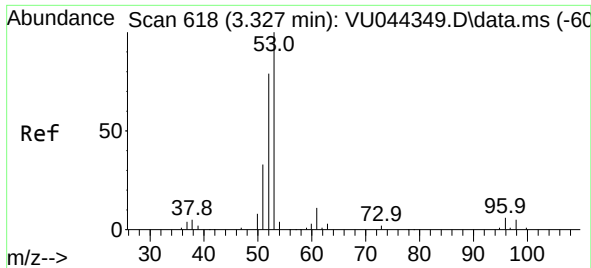


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 7.856 ug/l
RT: 2.591 min Scan# 389
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35



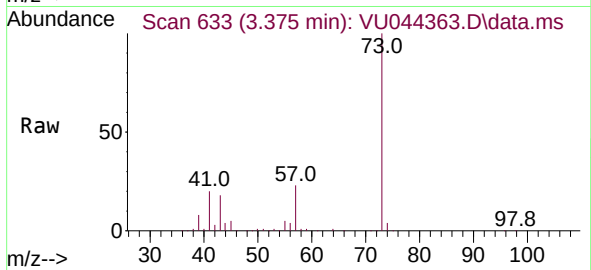
Tgt Ion: 101	Resp: 110646
Ion Ratio	Lower Upper
101 100	
85 43.3	35.8 53.8
151 70.0	57.0 85.4



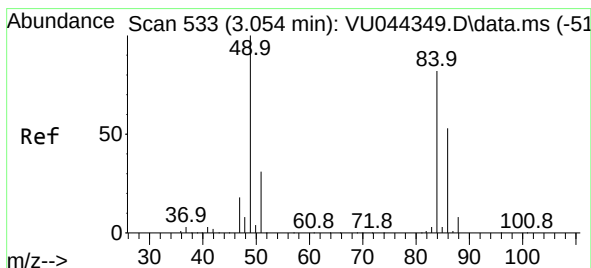
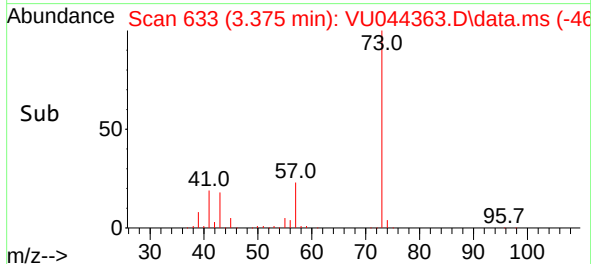
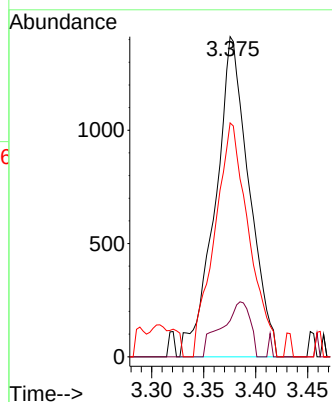


#12
Acrylonitrile
Concen: 1.015 ug/l
RT: 3.375 min Scan# 618
Delta R.T. 0.048 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :

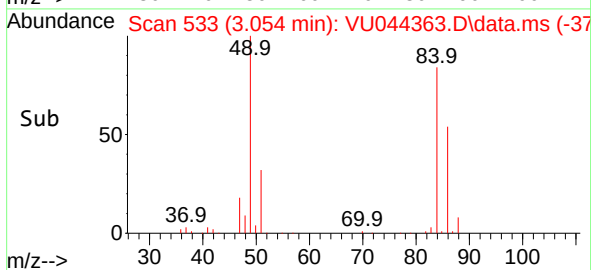
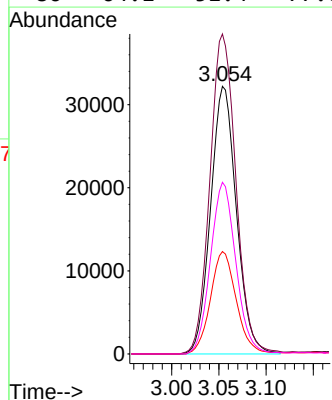
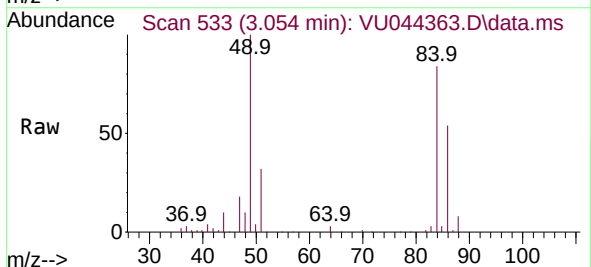


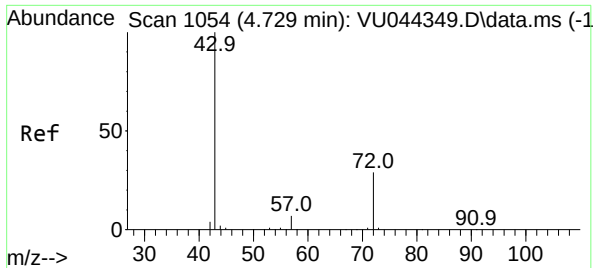
Tgt Ion: 53 Resp: 3196
Ion Ratio Lower Upper
53 100
52 14.4 67.0 100.4#
51 73.8 29.8 44.6#



#15
Methylene Chloride
Concen: 3.143 ug/l
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

Tgt Ion: 84 Resp: 61292
Ion Ratio Lower Upper
84 100
49 119.5 106.3 159.5
51 38.3 0.0 81.8
86 64.1 51.4 77.0





#18

2-Butanone

Concen: 11.189 ug/l

RT: 4.523 min Scan# 99

Delta R.T. -0.206 min

Lab File: VU044363.D

Acq: 19 Jul 2021 15:35

Instrument :

MSVOA_U

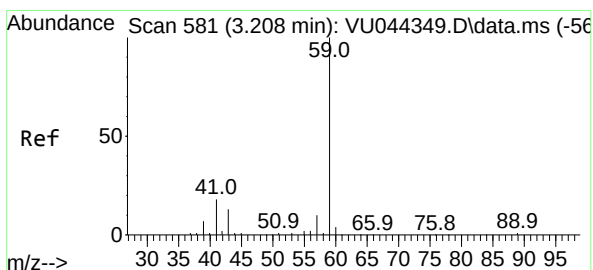
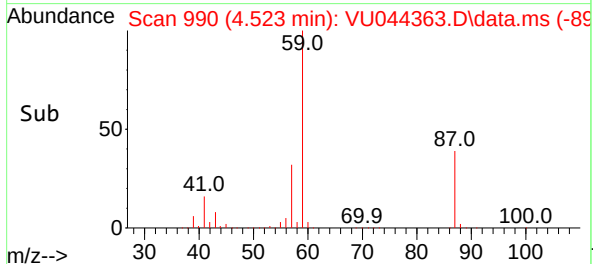
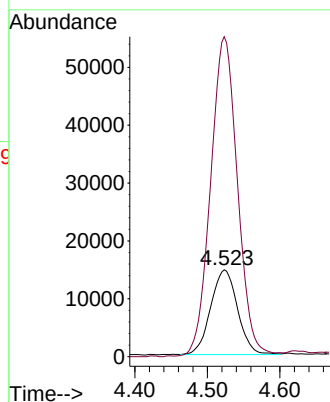
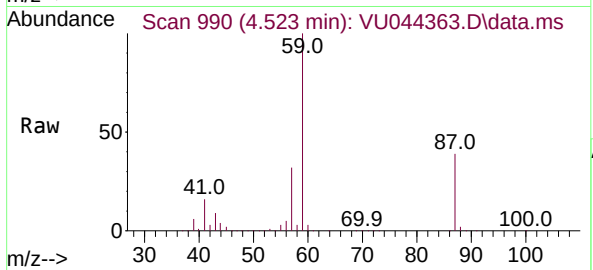
ClientSampleId :

Tgt Ion: 43 Resp: 37681

Ion Ratio Lower Upper

43 100

57 376.6 0.0 17.6#



#24

tert-Butyl Alcohol

Concen: 5.721 ug/l

RT: 3.208 min Scan# 581

Delta R.T. -0.000 min

Lab File: VU044363.D

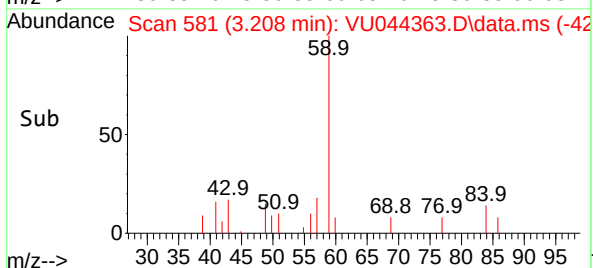
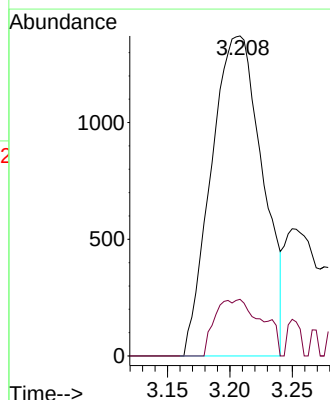
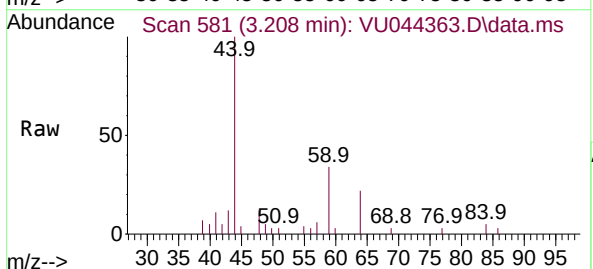
Acq: 19 Jul 2021 15:35

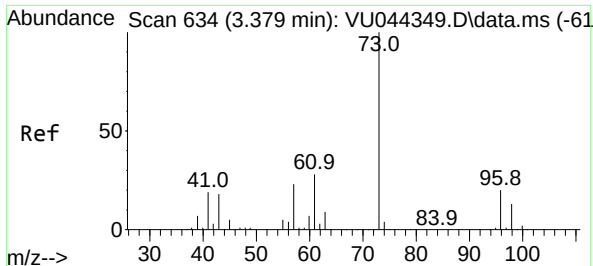
Tgt Ion: 59 Resp: 3914

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#

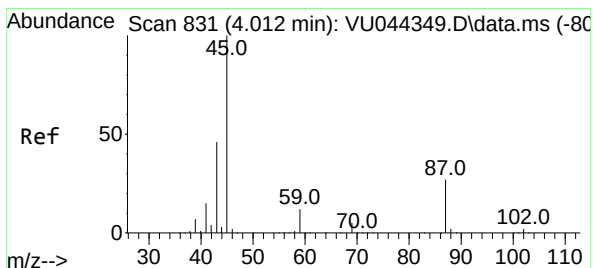
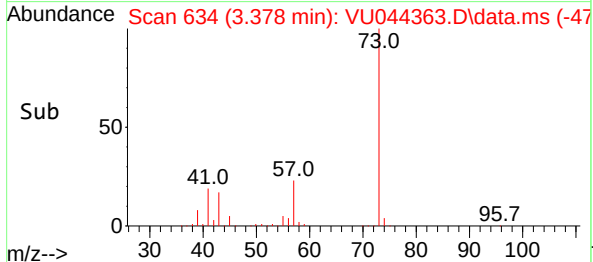
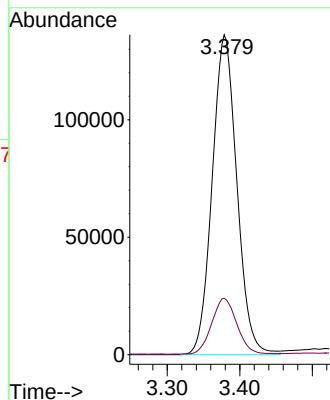
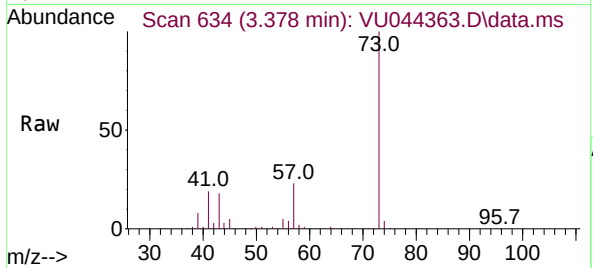




#25
Methyl tert-Butyl Ether
Concen: 8.386 ug/l
RT: 3.378 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

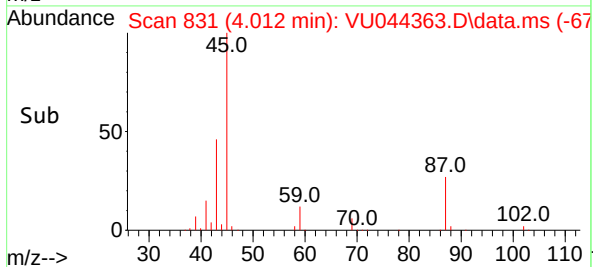
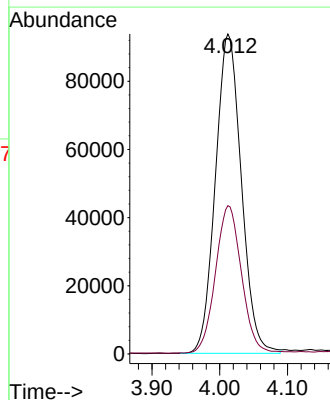
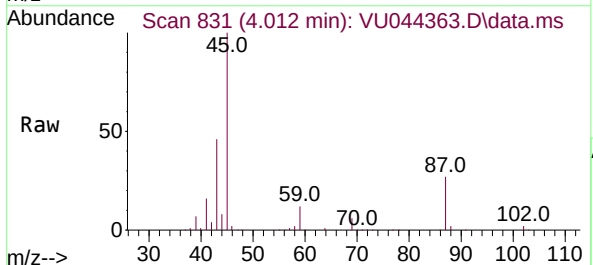
Instrument :
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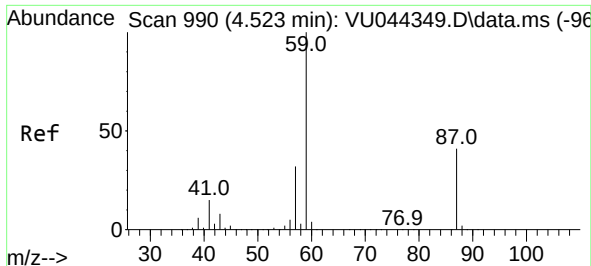
Tgt Ion: 73 Resp: 321612
Ion Ratio Lower Upper
73 100
43 17.9 17.3 25.9



#31
Isopropyl Ether
Concen: 5.240 ug/l
RT: 4.012 min Scan# 831
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

Tgt Ion: 45 Resp: 248804
Ion Ratio Lower Upper
45 100
43 46.3 24.9 74.6

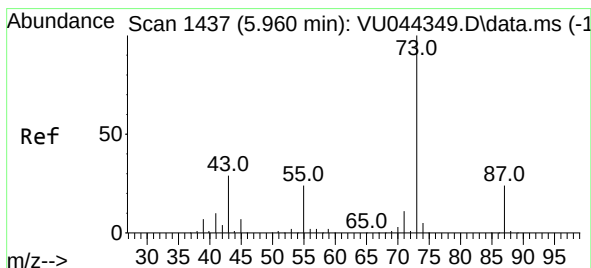
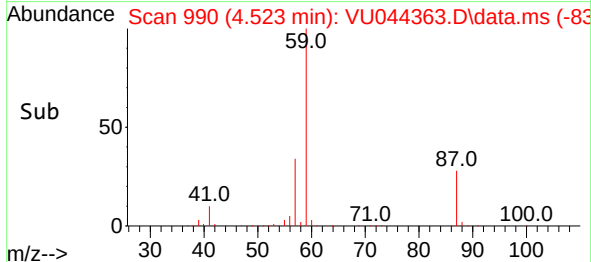
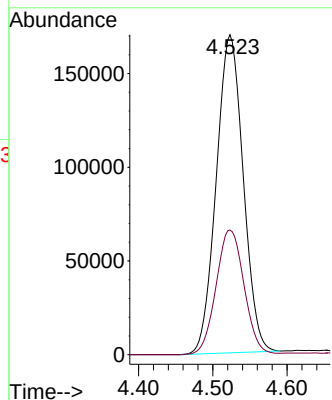
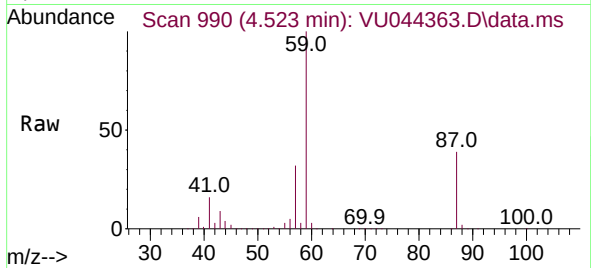




#32
Ethyl-t-butyl ether
Concen: 9.143 ug/l
RT: 4.523 min Scan# 990
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

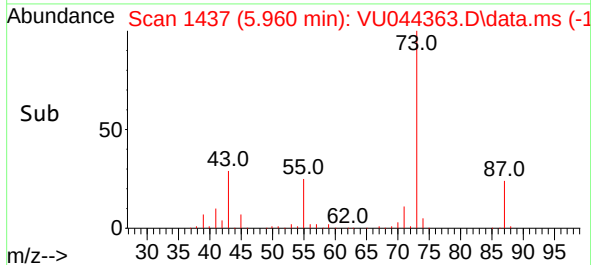
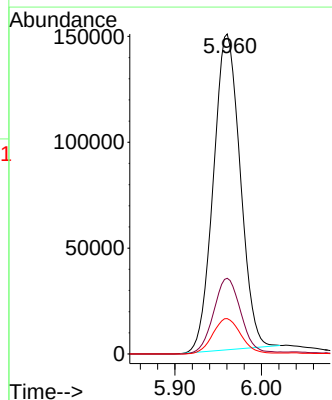
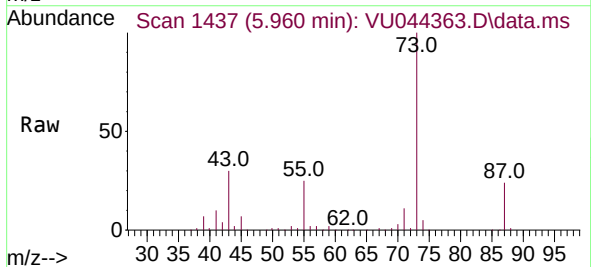
Instrument :
MSVOA_U
ClientSampleId :

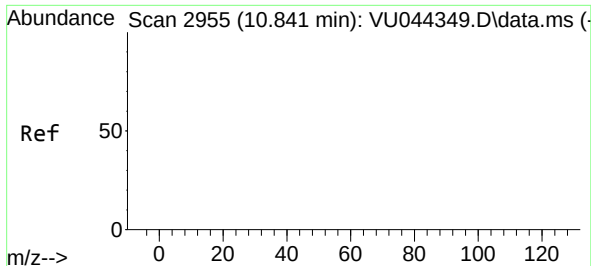
Tgt Ion: 59 Resp: 428086
Ion Ratio Lower Upper
59 100
87 40.2 31.3 46.9



#33
Tert-Amyl methyl ether
Concen: 7.696 ug/l
RT: 5.960 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

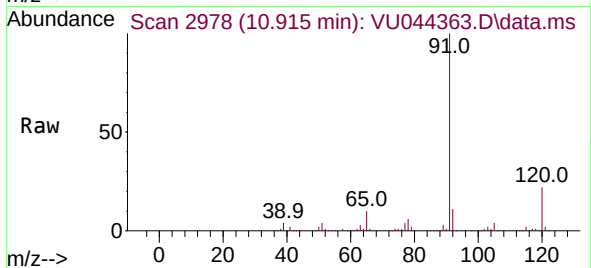
Tgt Ion: 73 Resp: 320400
Ion Ratio Lower Upper
73 100
87 23.9 19.8 29.6
71 11.5 9.1 13.7



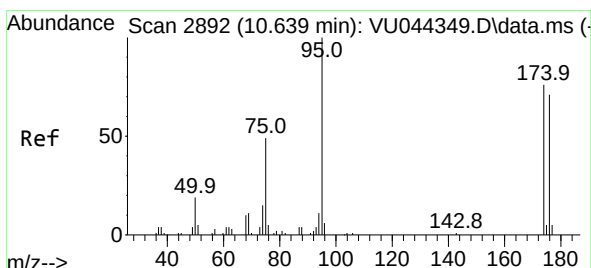
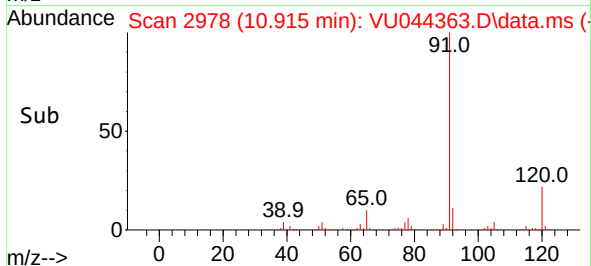
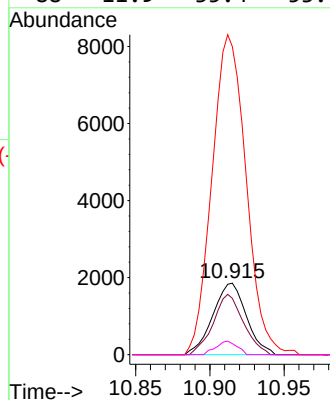


#46
t-1,4-Dichloro-2-butene
Concen: 0.606 ug/l
RT: 10.915 min Scan# 2955
Delta R.T. 0.074 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :

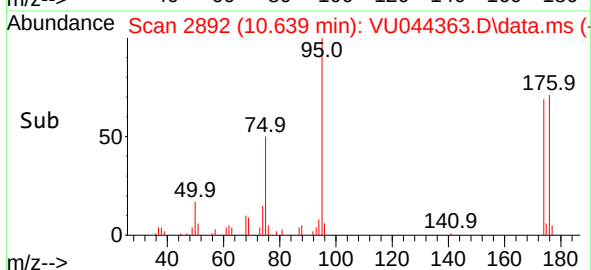
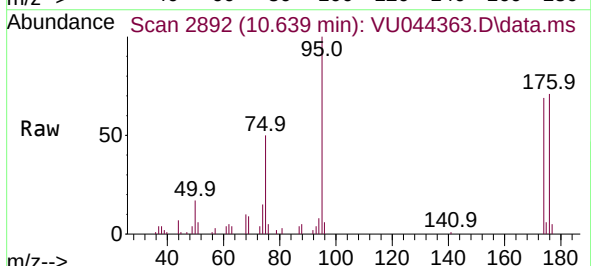
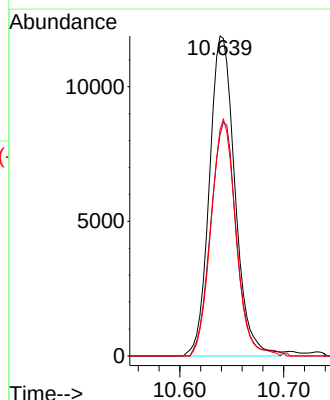


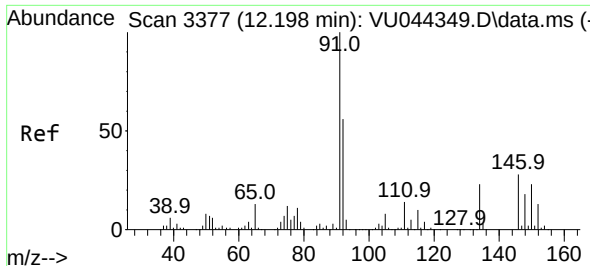
Tgt Ion:	75	Resp:	2913
Ion	Ratio	Lower	Upper
75	100		
53	76.2	63.7	95.5
89	455.2	44.6	67.0#
88	11.9	35.4	53.0#



#57
4-Bromofluorobenzene
Concen: 0.934 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

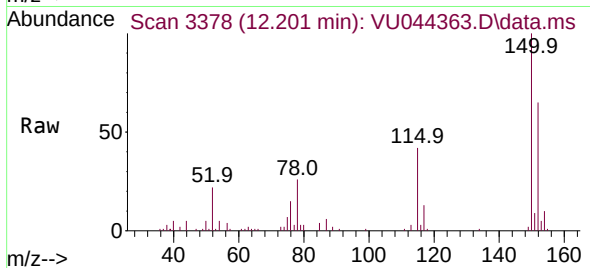
Tgt Ion:	95	Resp:	20271
Ion	Ratio	Lower	Upper
95	100		
174	73.3	62.2	93.2
176	72.0	60.3	90.5



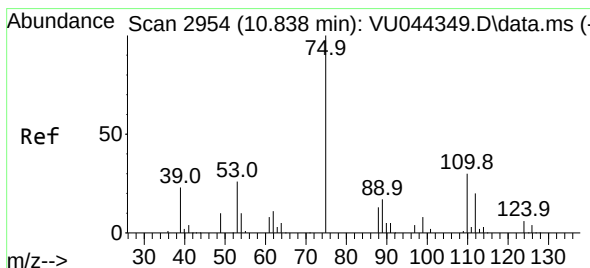
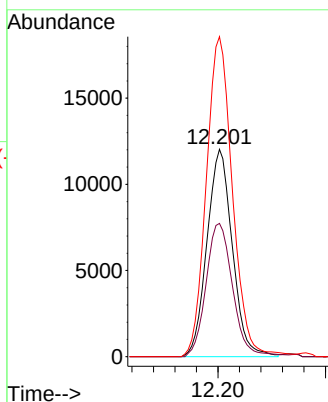
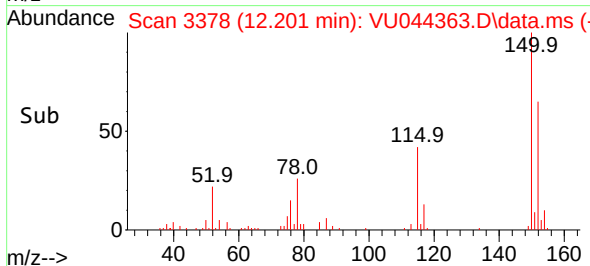


#68
 1,2-Dichlorobenzene-d4
 Concen: 0.933 ug/l
 RT: 12.201 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU044363.D
 Acq: 19 Jul 2021 15:35

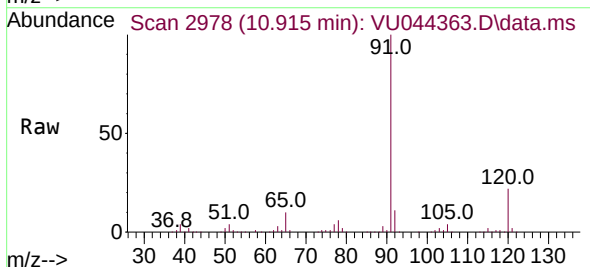
Instrument :
 MSVOA_U
 ClientSampleId :



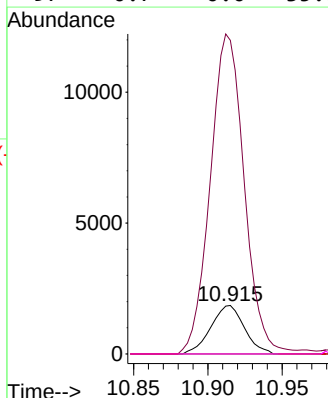
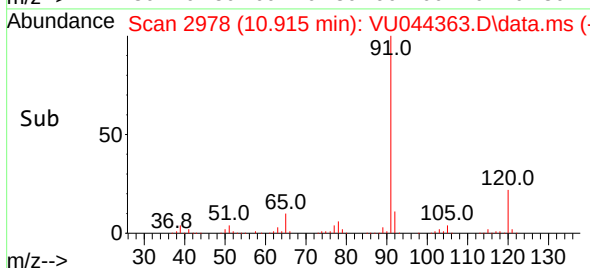
Tgt Ion:152 Resp: 19753
 Ion Ratio Lower Upper
 152 100
 115 67.1 0.0 257.0
 150 158.9 0.0 630.2

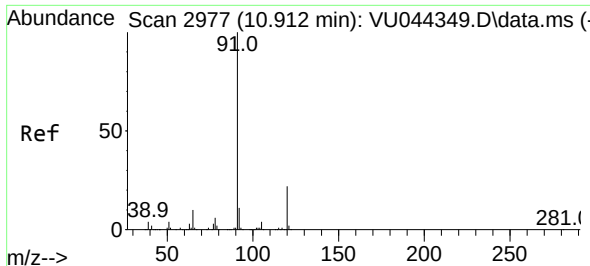


#71
 1,2,3-Trichloropropane
 Concen: 0.209 ug/l
 RT: 10.915 min Scan# 2978
 Delta R.T. 0.077 min
 Lab File: VU044363.D
 Acq: 19 Jul 2021 15:35



Tgt Ion: 75 Resp: 2913
 Ion Ratio Lower Upper
 75 100
 77 667.1 0.0 111.4#
 110 0.0 0.0 74.6
 97 0.7 0.0 35.8

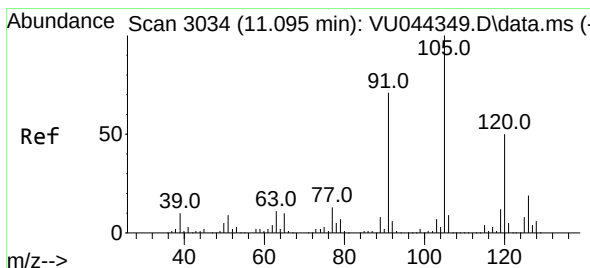
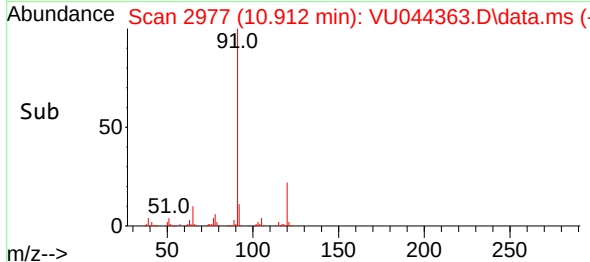
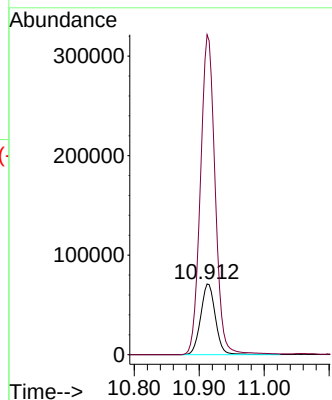
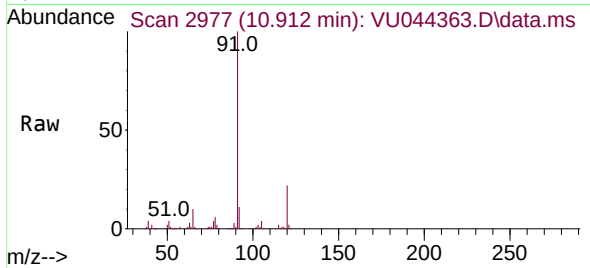




#73
n-propylbenzene
Concen: 5.599 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:120 Resp: 112554
Ion Ratio Lower Upper
120 100
91 451.9 346.6 519.8



#75
1,3,5-Trimethylbenzene
Concen: 0.286 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.183 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

Tgt Ion:105 Resp: 18005
Ion Ratio Lower Upper
105 100
120 625.1 38.6 58.0#

