

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081220\
 Data File : VU039838.D
 Acq On : 12 Aug 2020 11:07
 Operator : SY/MD
 Sample : VU0812WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 02:49:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

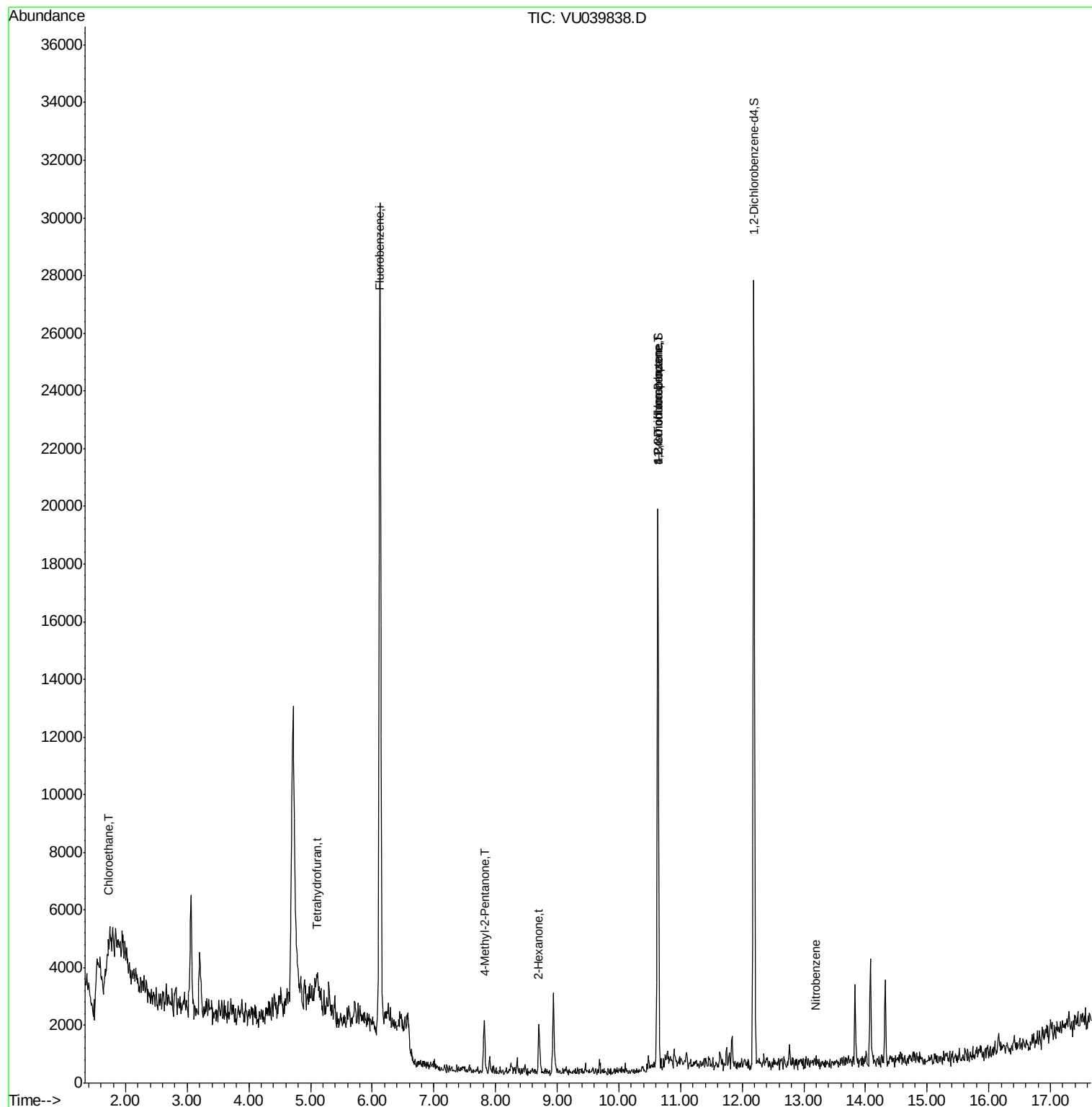
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.12	96	22401	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	6285	0.72	ug/l	0.00
Spiked Amount 1.000			Recovery	=	72.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	6070	0.71	ug/l	0.00
Spiked Amount 1.000			Recovery	=	71.00%	
Target Compounds						Ovalue
6) Chloroethane	1.72	64	1818	0.294	ug/l #	65
24) tert-Butyl Alcohol	3.20	59	1160	Below Cal	#	74
41) Tetrahydrofuran	5.10	42	623	0.276	ug/l #	38
45) 4-Methyl-2-Pentanone	7.82	43	1521	0.242	ug/l #	76
46) t-1,4-Dichloro-2-butene	10.63	75	4110	2.194	ug/l #	16
54) 2-Hexanone	8.71	43	1482	0.329	ug/l	81
71) 1,2,3-Trichloropropane	10.63	75	4110	0.702	ug/l #	43
80) Nitrobenzene	13.20	77	39	0.296	ug/l #	44
-----	-----	-----	-----	-----	-----	-----

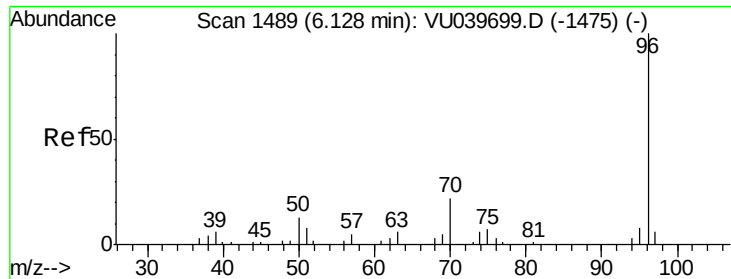
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU081220\
Data File : VU039838.D
Acq On : 12 Aug 2020 11:07
Operator : SY/MD
Sample : VU0812WBL01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 13 02:49:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 31 07:12:27 2020
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039838.D

Acq: 12 Aug 2020 11:07

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 22401

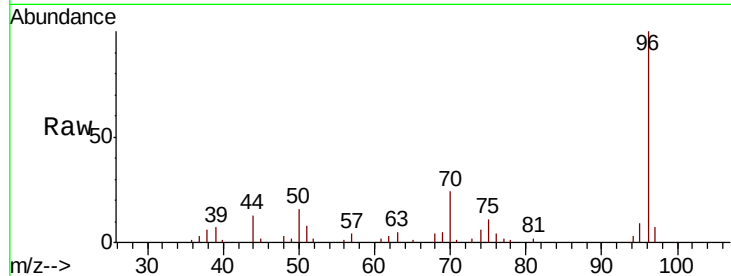
Ion Ratio Lower Upper

96 100

70 22.9 16.3 24.5

95 9.6 6.8 10.2

97 7.2 0.0 0.0#

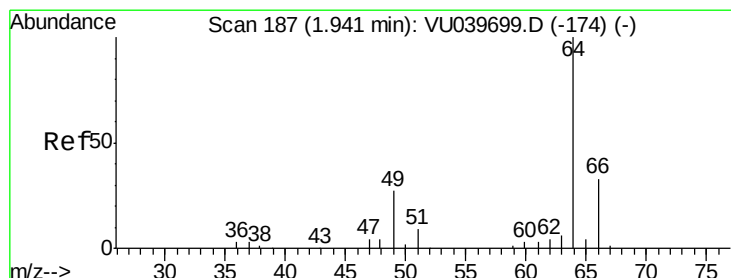
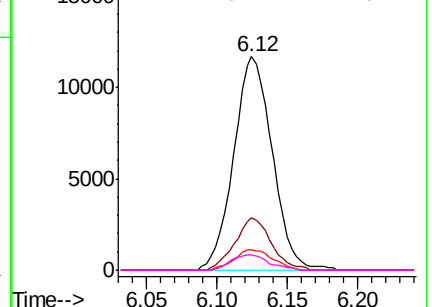
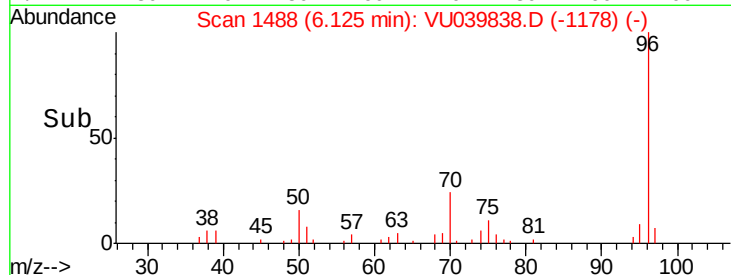


Abundance Ion 96.00 (95.70 to 96.70): VU039838.D (-1178) (-)

Ion 70.00 (69.70 to 70.70): VU039838.D (-1178) (-)

Ion 95.00 (94.70 to 95.70): VU039838.D (-1178) (-)

Ion 97.00 (96.70 to 97.70): VU039838.D (-1178) (-)



#6

Chloroethane

Concen: 0.294 ug/l

RT: 1.72 min Scan# 118

Delta R.T. -0.22 min

Lab File: VU039838.D

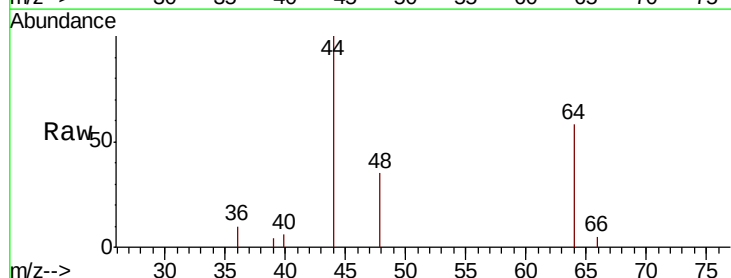
Acq: 12 Aug 2020 11:07

Tgt Ion: 64 Resp: 1818

Ion Ratio Lower Upper

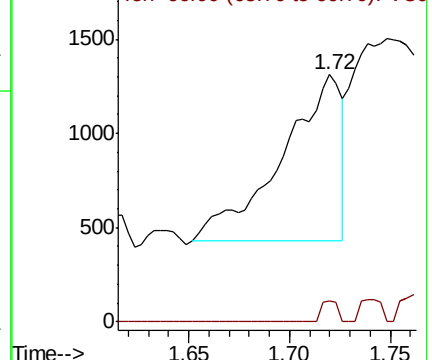
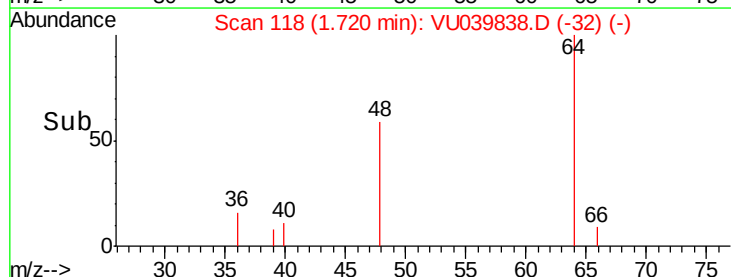
64 100

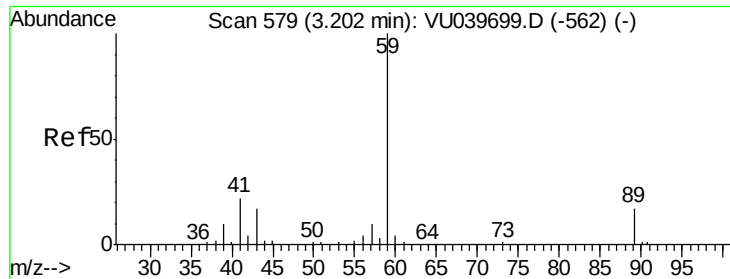
66 12.9 26.2 39.2#



Abundance Ion 64.00 (63.70 to 64.70): VU039838.D (-32) (-)

Ion 66.00 (65.70 to 66.70): VU039838.D (-32) (-)



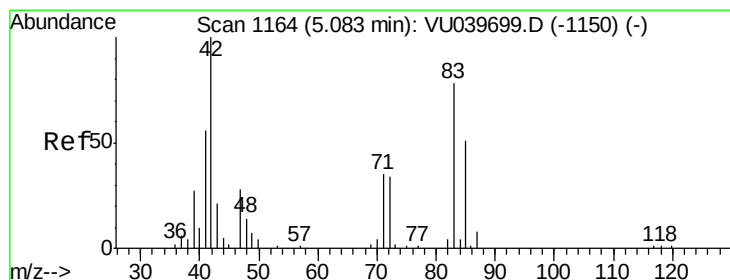
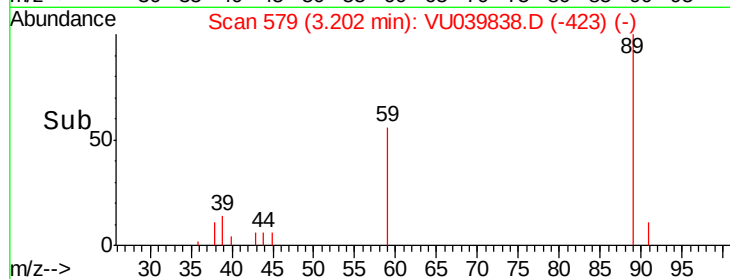
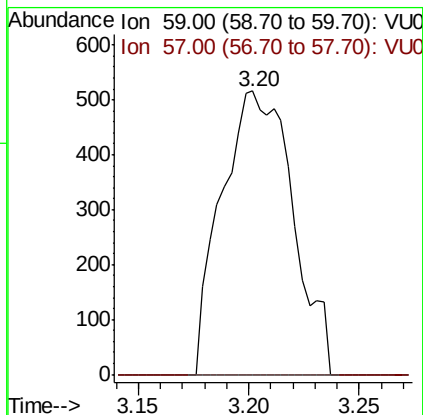
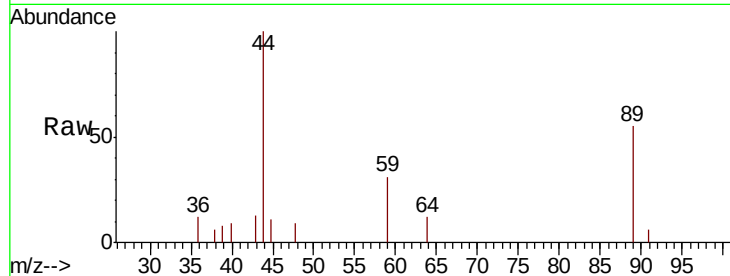


#24

tert-Butyl Alcohol
 Concen: Below Cal
 RT: 3.20 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VU039838.D
 Acq: 12 Aug 2020 11:07

Instrument :
 MSVOA_U
 ClientSampled :

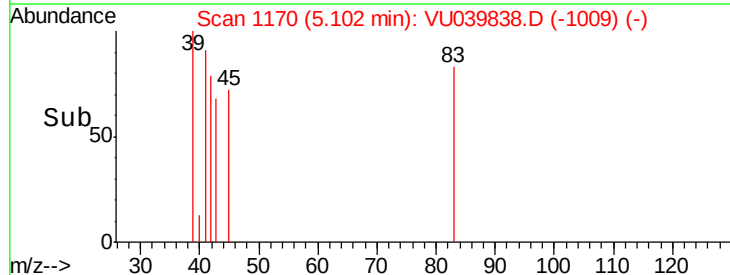
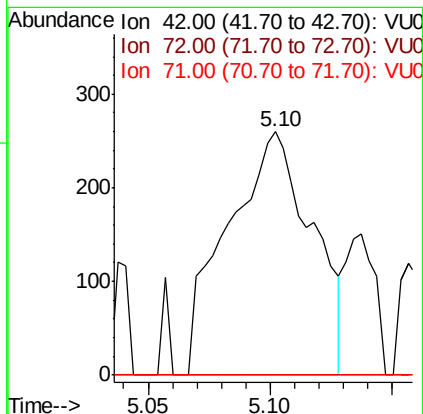
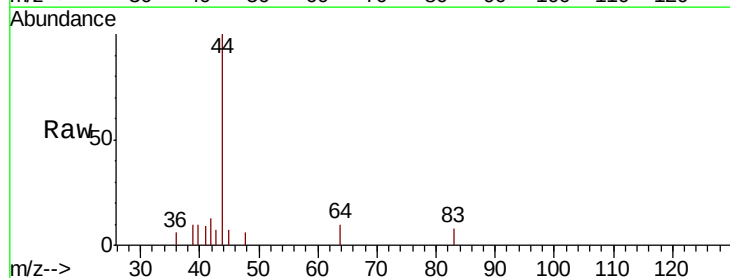
Tot Ion: 59 Resp: 1160
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

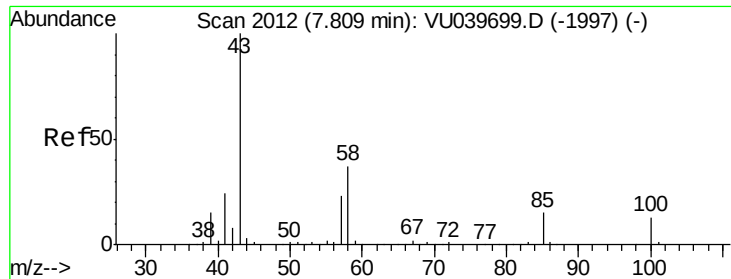


#41

Tetrahydrofuran
 Concen: 0.276 ug/l
 RT: 5.10 min Scan# 1170
 Delta R.T. 0.02 min
 Lab File: VU039838.D
 Acq: 12 Aug 2020 11:07

Tgt Ion: 42 Resp: 623
 Ion Ratio Lower Upper
 42 100
 72 0.0 31.0 46.6#
 71 0.0 28.2 42.4#





#45

4-Methyl-2-Pentanone

Concen: 0.242 ug/l

RT: 7.82 min Scan# 2016

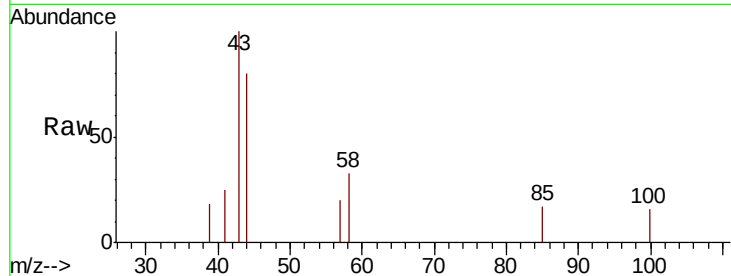
Delta R.T. 0.01 min

Lab File: VU039838.D

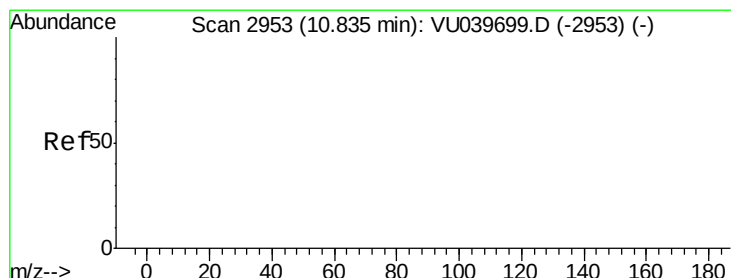
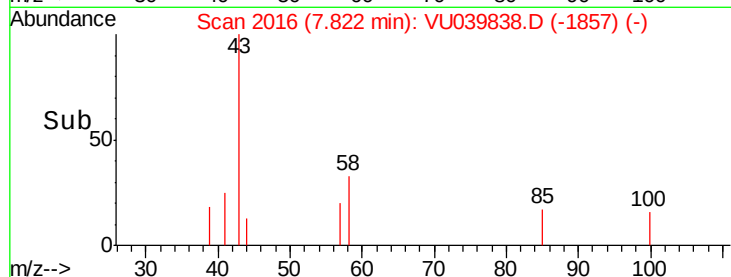
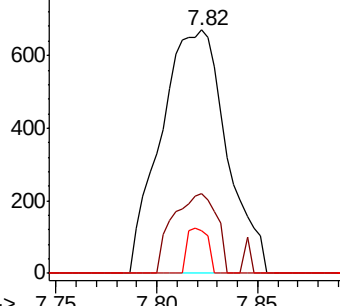
Acq: 12 Aug 2020 11:07

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	43	Resp:	1521
Ion	Ratio	Lower	Upper
43	100		
58	22.1	18.4	55.0
85	5.9	11.8	17.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0



#46

t-1,4-Dichloro-2-butene

Concen: 2.194 ug/l

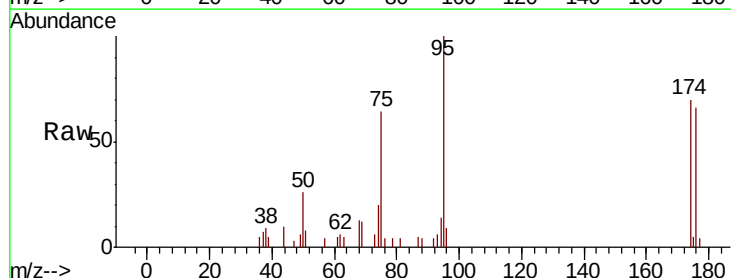
RT: 10.63 min Scan# 2890

Delta R.T. -0.20 min

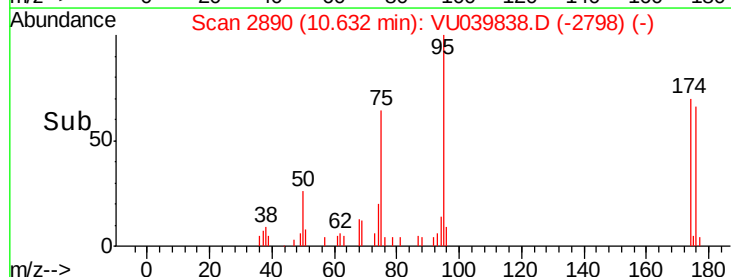
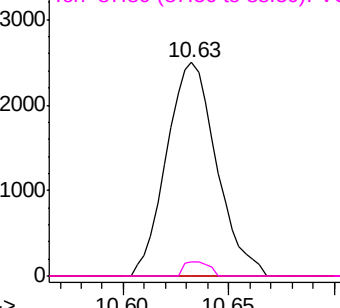
Lab File: VU039838.D

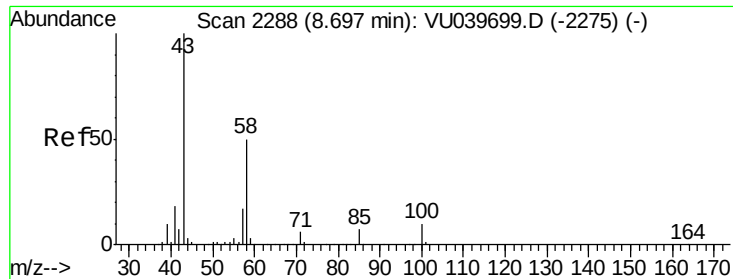
Acq: 12 Aug 2020 11:07

Tgt Ion:	75	Resp:	4110
Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.6	118.0#
89	0.0	40.3	60.5#
88	3.4	34.0	51.0#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

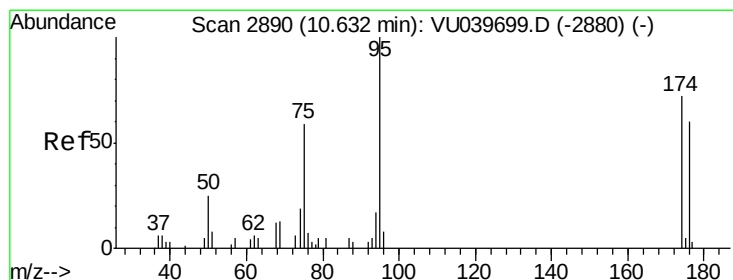
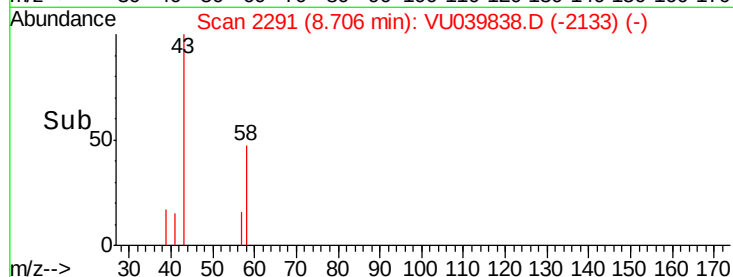
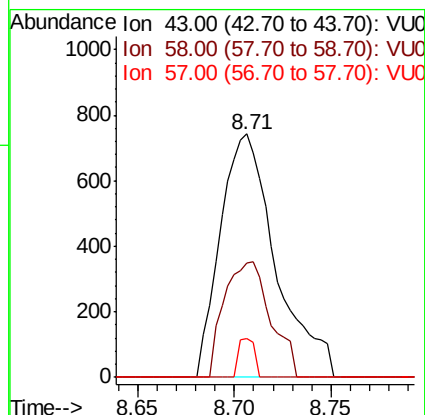
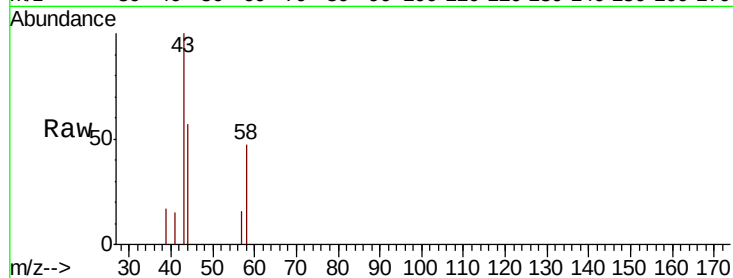




#54
2-Hexanone
Concen: 0.329 ug/l
RT: 8.71 min Scan# 2291
Delta R.T. 0.01 min
Lab File: VU039838.D
Acq: 12 Aug 2020 11:07

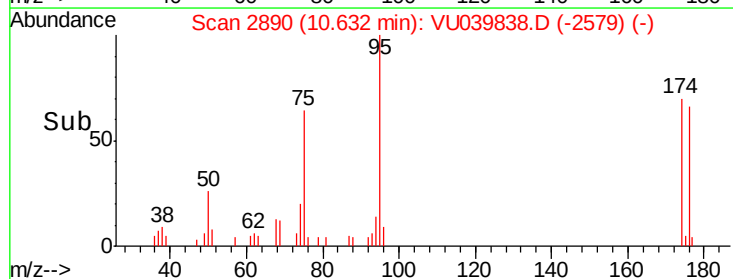
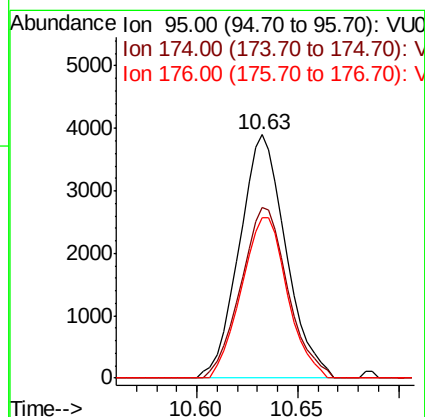
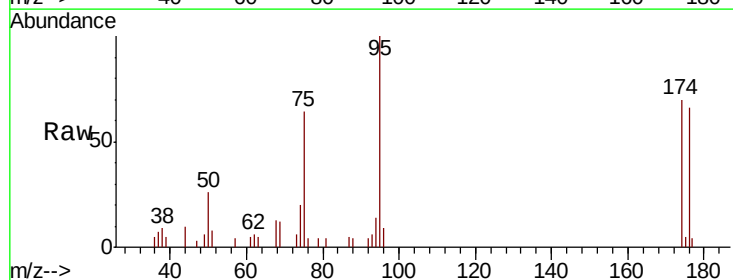
Instrument :
MSVOA_U
ClientSampleId :

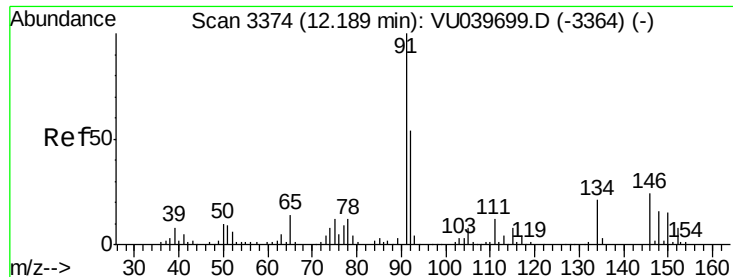
Tot Ion: 43 Resp: 1482
Ion Ratio Lower Upper
43 100
58 39.6 29.9 69.9
57 4.5 0.0 37.2



#57
4-Bromofluorobenzene
Concen: 0.718 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VU039838.D
Acq: 12 Aug 2020 11:07

Tgt Ion: 95 Resp: 6285
Ion Ratio Lower Upper
95 100
174 70.9 57.0 85.4
176 65.3 50.2 75.2

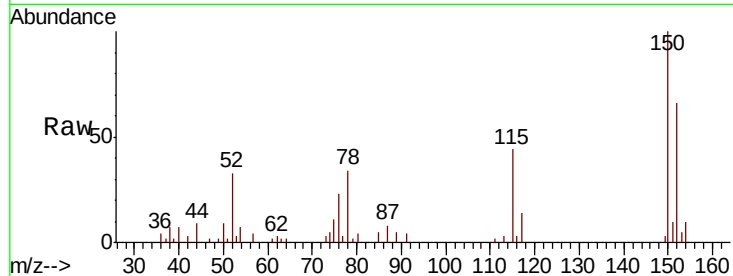




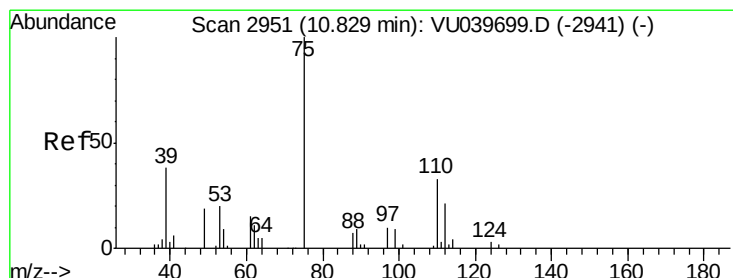
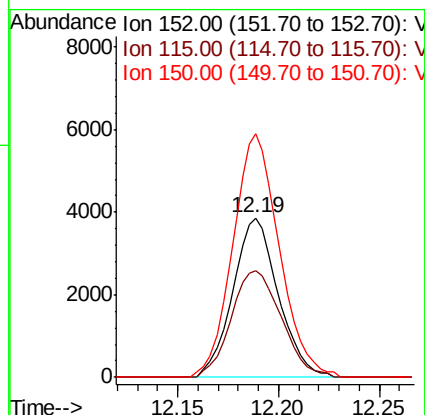
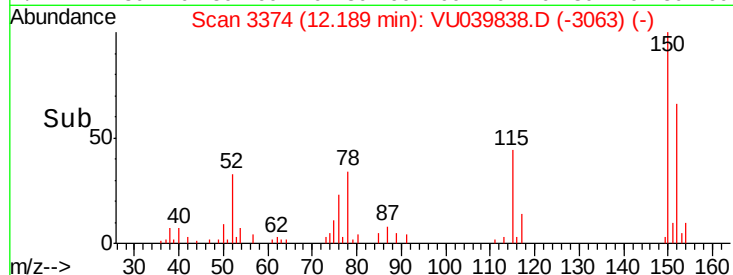
#68
 1,2-Dichlorobenzene-d4
 Concen: 0.709 ug/l
 RT: 12.19 min Scan# 3374
 Delta R.T. -0.00 min
 Lab File: VU039838.D
 Acq: 12 Aug 2020 11:07

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:152 Resp: 6070
 Ion Ratio Lower Upper
 152 100
 115 74.1 0.0 302.4
 150 156.5 0.0 645.8

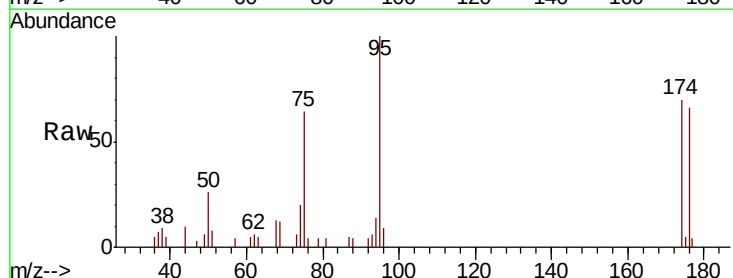


Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V

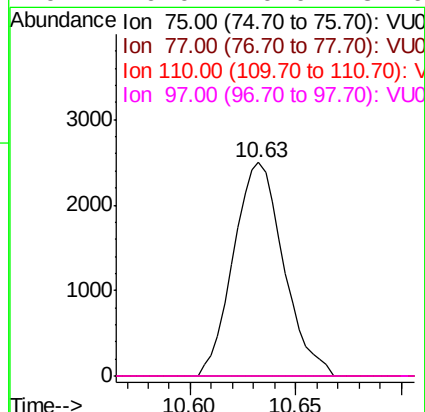
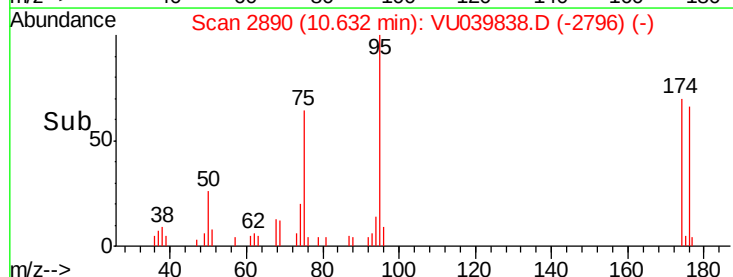


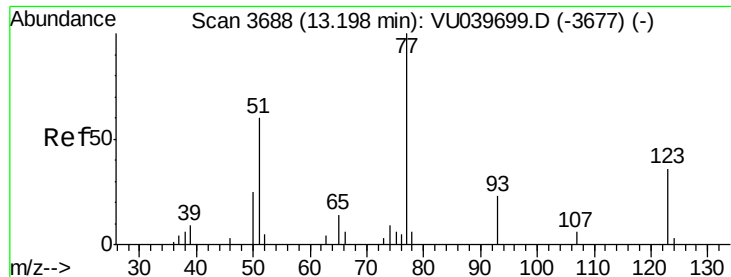
#71
 1,2,3-Trichloropropane
 Concen: 0.702 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.20 min
 Lab File: VU039838.D
 Acq: 12 Aug 2020 11:07

Tgt Ion: 75 Resp: 4110
 Ion Ratio Lower Upper
 75 100
 77 4.4 0.0 91.0
 110 0.0 0.0 64.2
 97 0.0 0.0 32.6



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0





#80

Nitrobenzene

Concen: 0.296 ug/l

RT: 13.20 min Scan# 3688

Delta R.T. 0.00 min

Lab File: VU039838.D

Acq: 12 Aug 2020 11:07

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:	77	Resp:	39
Ion	Ratio	Lower	Upper
77	100		
123	0.0	16.9	59.9#
65	0.0	14.4	18.4#

