

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050520\
 Data File : VU038010.D
 Acq On : 05 May 2020 11:26
 Operator : JC/MD
 Sample : VU0505WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 06 00:57:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 02:20:02 2020
 Response via : Initial Calibration

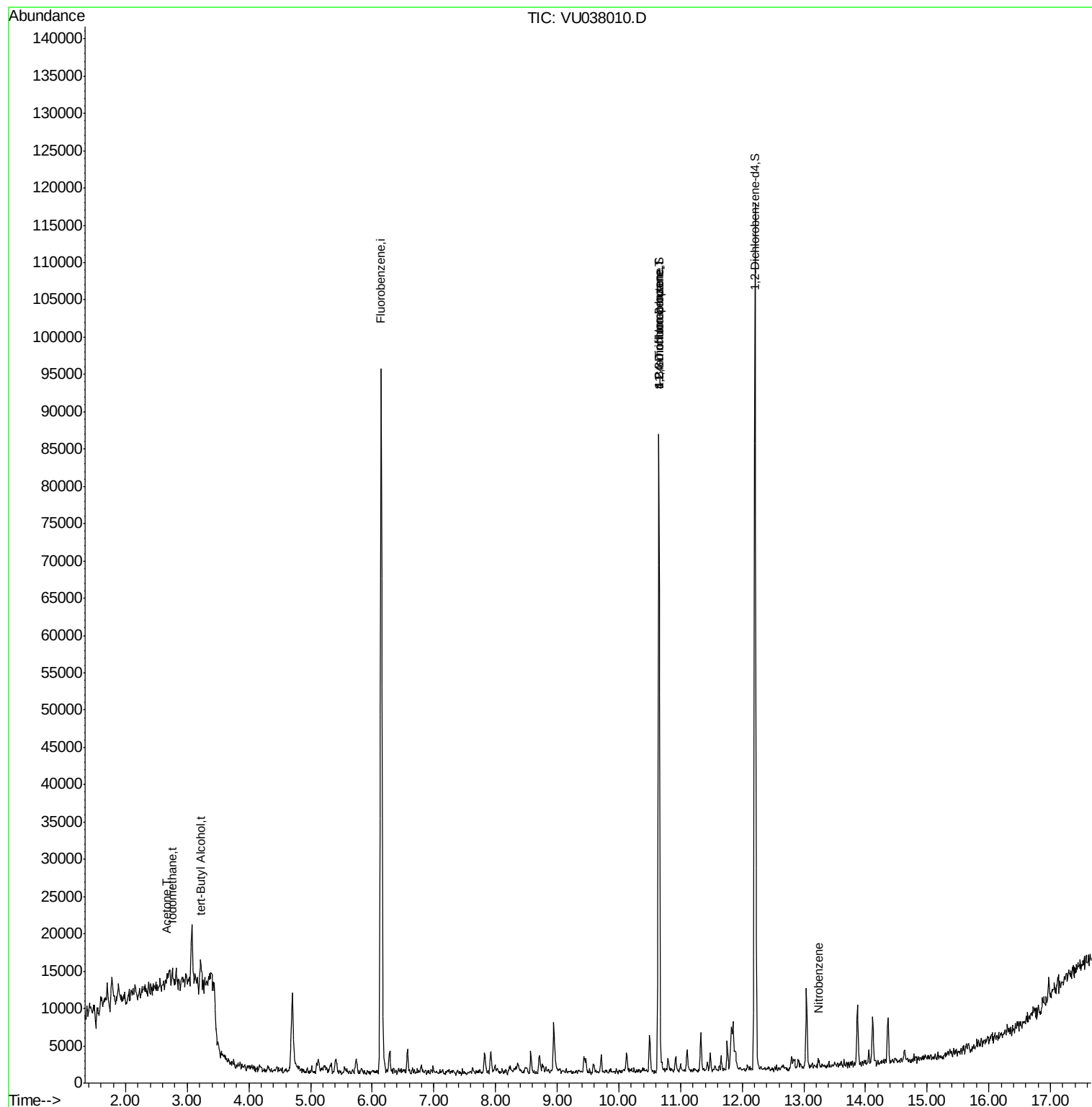
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	6.15	96	85220	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	30353	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.00%	
68) 1,2-Dichlorobenzene-d4	12.20	152	29047	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.00%	
Target Compounds						Ovalue
10) Iodomethane	2.75	142	528	1.039	ug/l #	81
13) Acetone	2.66	43	1325	0.272	ug/l #	89
15) Methylene Chloride	3.07	84	3118	Below Cal	#	94
24) tert-Butyl Alcohol	3.22	59	1462	0.675	ug/l #	91
46) t-1,4-Dichloro-2-butene	10.65	75	15543	2.926	ug/l #	14
71) 1,2,3-Trichloropropane	10.65	75	15543	0.919	ug/l #	35
80) Nitrobenzene	13.23	77	452	0.667	ug/l #	43
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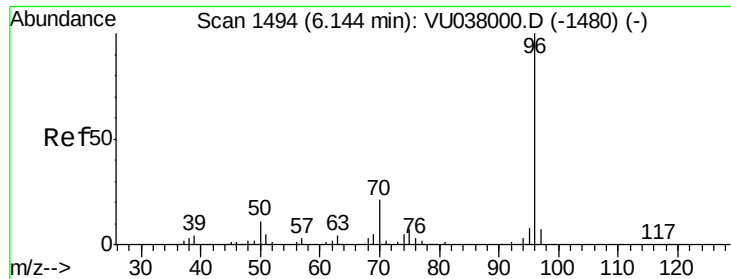
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU038010.D

Acq: 05 May 2020 11:26

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 85220

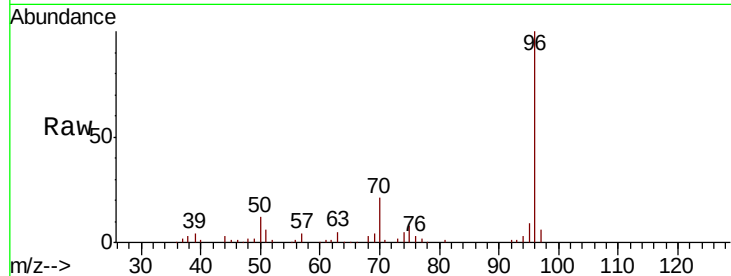
Ion Ratio Lower Upper

96 100

70 21.1 14.4 21.6

95 9.5 7.1 10.7

97 6.3 0.0 0.0#

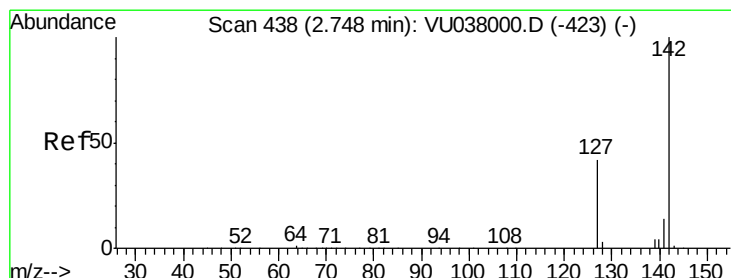
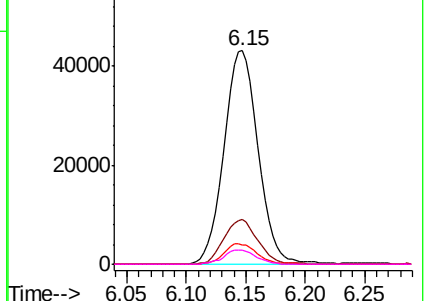
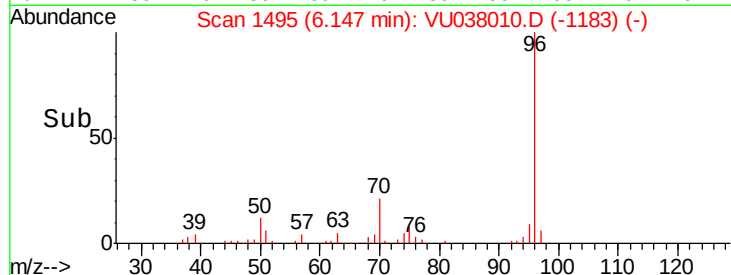


Abundance Ion 96.00 (95.70 to 96.70): VU038010.D (-1183) (-)

Ion 70.00 (69.70 to 70.70): VU038010.D (-1183) (-)

Ion 95.00 (94.70 to 95.70): VU038010.D (-1183) (-)

Ion 97.00 (96.70 to 97.70): VU038010.D (-1183) (-)



#10

Iodomethane

Concen: 1.039 ug/l

RT: 2.75 min Scan# 438

Delta R.T. 0.00 min

Lab File: VU038010.D

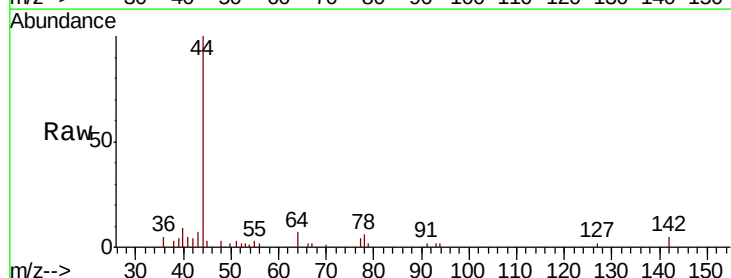
Acq: 05 May 2020 11:26

Tgt Ion:142 Resp: 528

Ion Ratio Lower Upper

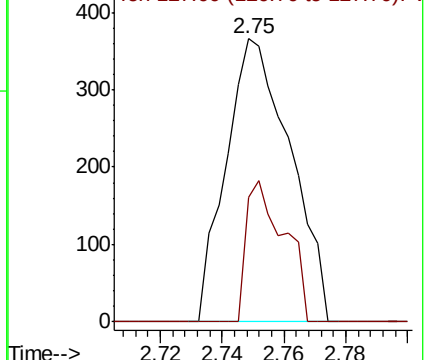
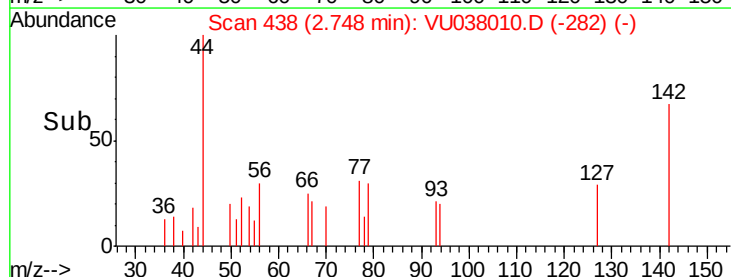
142 100

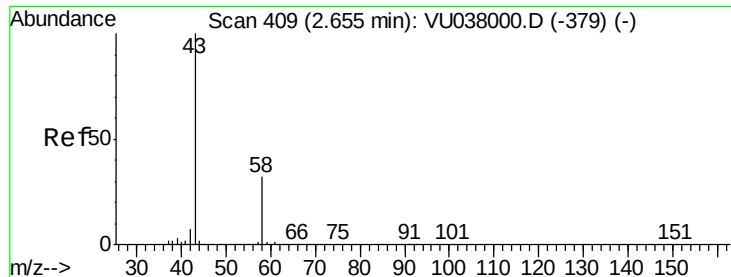
127 29.7 33.5 50.3#



Abundance Ion 142.00 (141.70 to 142.70): VU038010.D (-282) (-)

Ion 127.00 (126.70 to 127.70): VU038010.D (-282) (-)

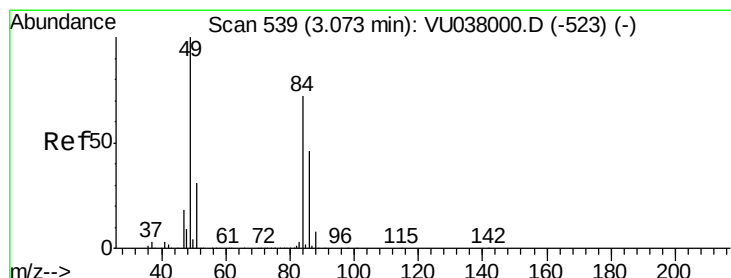
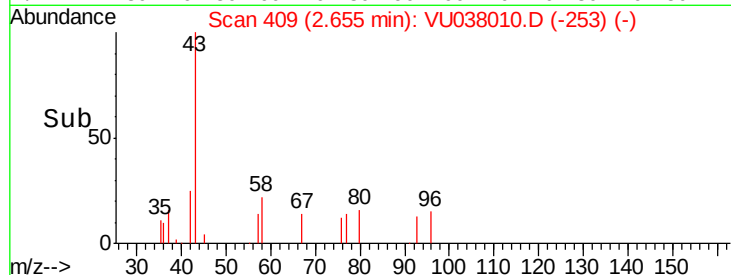
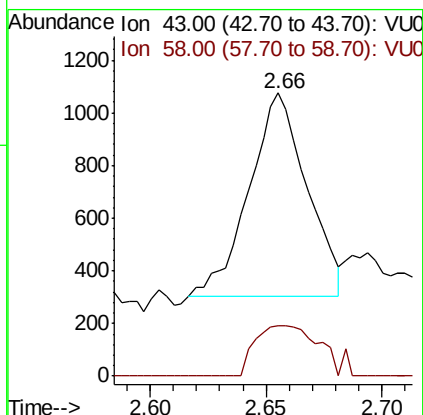
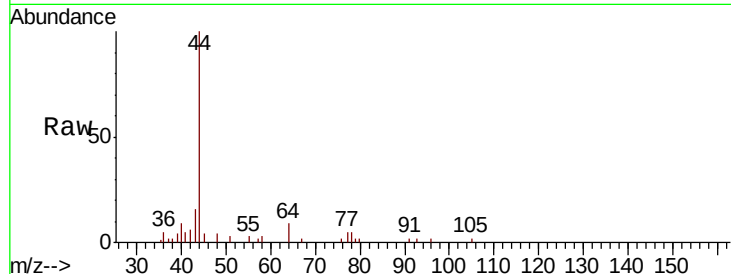




#13
Acetone
Concen: 0.272 ug/l
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU038010.D
Acq: 05 May 2020 11:26

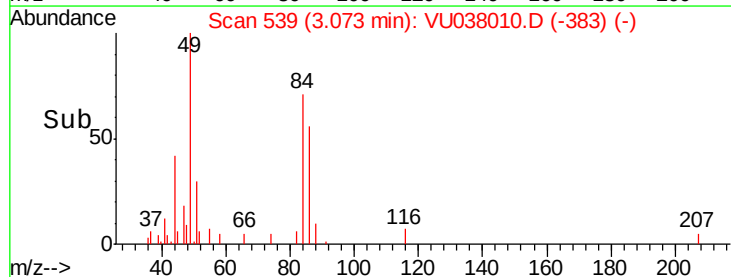
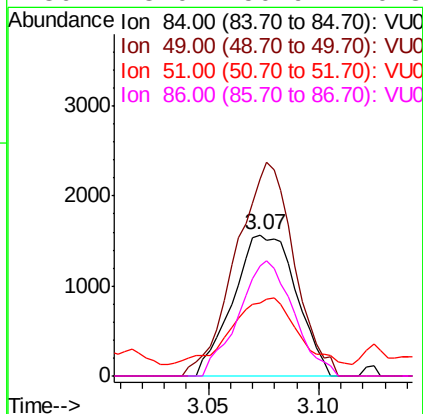
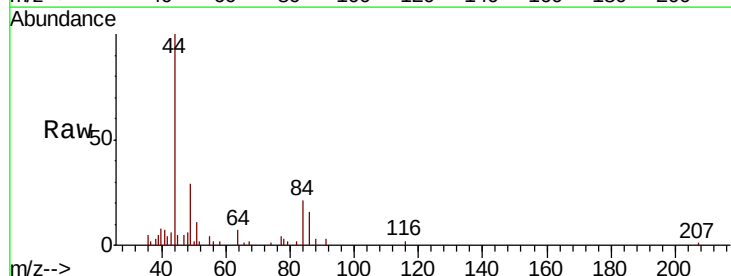
Instrument :
MSVOA_U
ClientSampled :

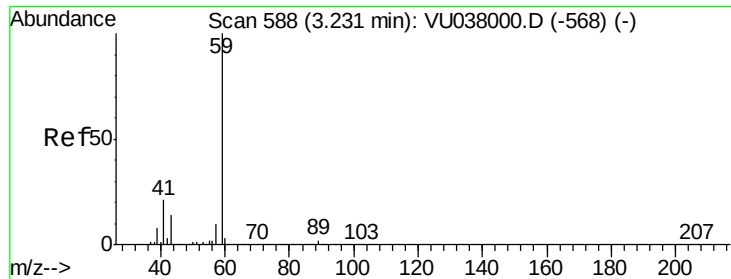
Tot Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
58 25.2 25.2 37.8#



#15
Methylene Chloride
Concen: Below Cal
RT: 3.07 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU038010.D
Acq: 05 May 2020 11:26

Tgt Ion: 84 Resp: 3118
Ion Ratio Lower Upper
84 100
49 140.3 110.6 166.0
51 42.1 0.0 85.4
86 78.0 50.9 76.3#





#24

tert-Butyl Alcohol

Concen: 0.675 ug/l

RT: 3.22 min Scan# 584

Delta R.T. -0.01 min

Lab File: VU038010.D

Acq: 05 May 2020 11:26

Instrument :

MSVOA_U

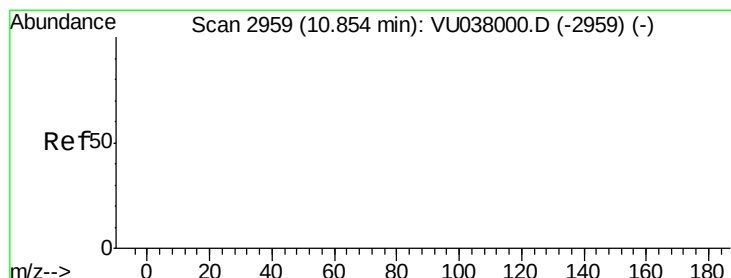
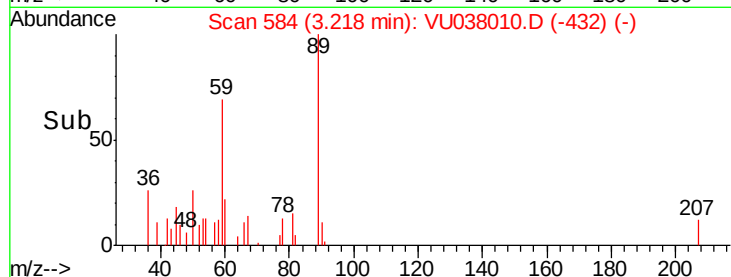
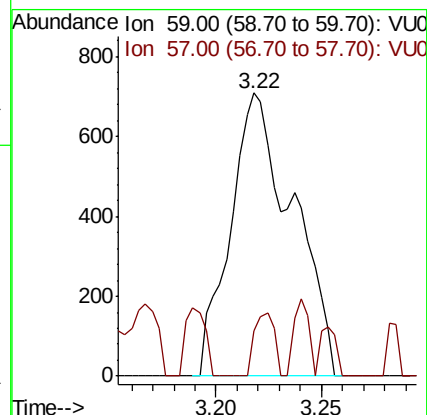
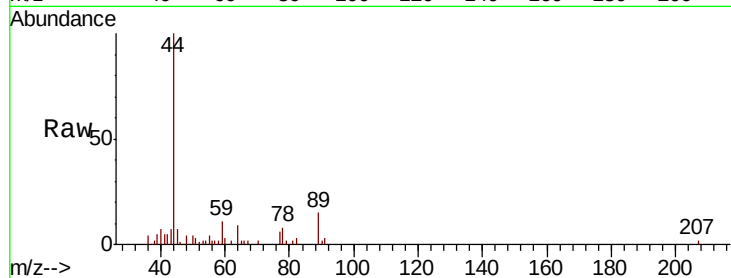
ClientSampleId :

Tot Ion: 59 Resp: 1462

Ion Ratio Lower Upper

59 100

57 7.1 8.2 12.4#



#46

t-1,4-Dichloro-2-butene

Concen: 2.926 ug/l

RT: 10.65 min Scan# 2895

Delta R.T. -0.21 min

Lab File: VU038010.D

Acq: 05 May 2020 11:26

Tgt Ion: 75 Resp: 15543

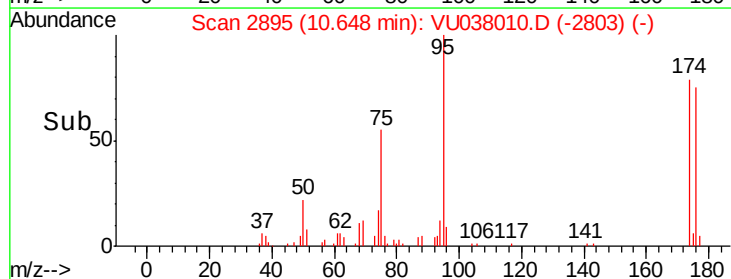
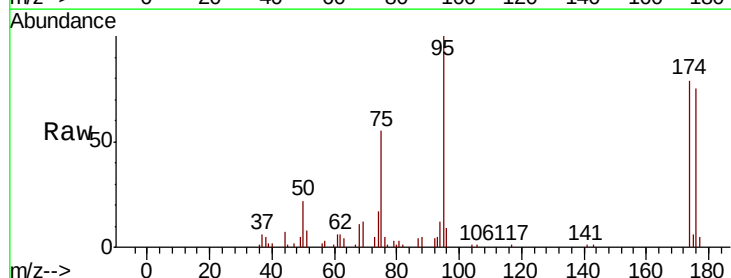
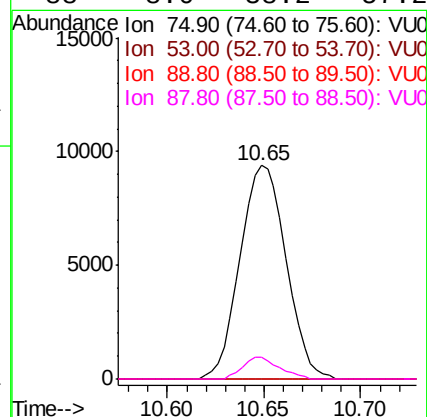
Ion Ratio Lower Upper

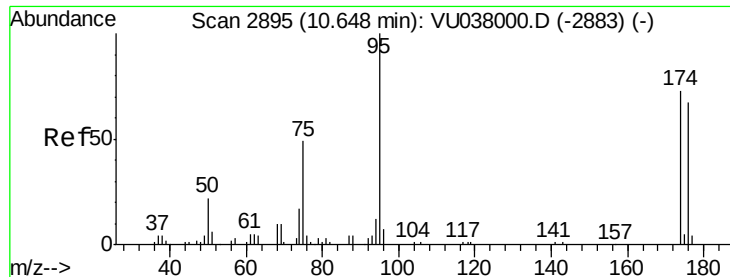
75 100

53 0.0 81.1 121.7#

89 0.0 53.2 79.8#

88 8.0 38.2 57.2#

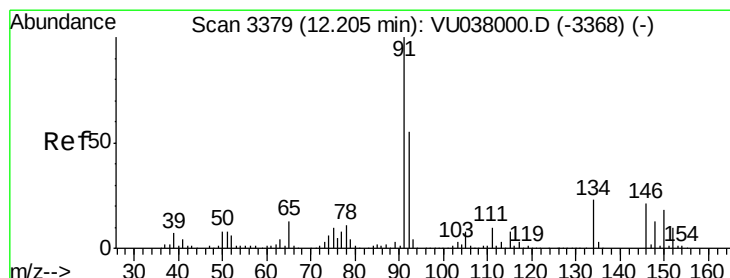
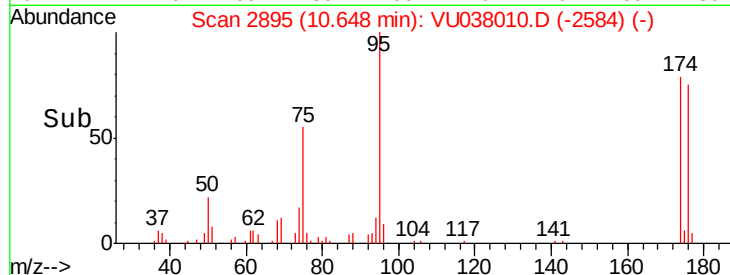
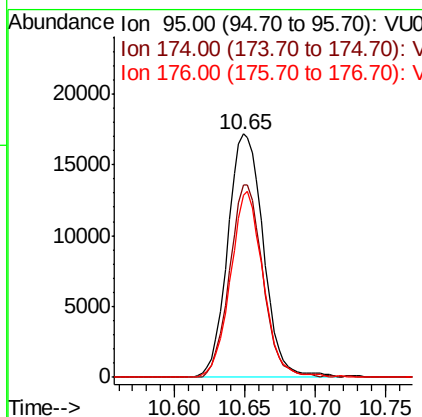
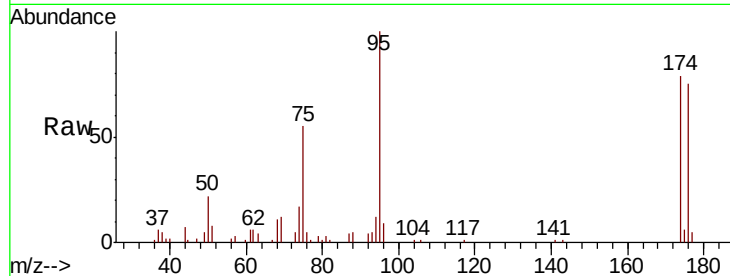




#57
 4-Bromofluorobenzene
 Concen: 0.918 ug/l
 RT: 10.65 min Scan# 2895
 Delta R.T. 0.00 min
 Lab File: VU038010.D
 Acq: 05 May 2020 11:26

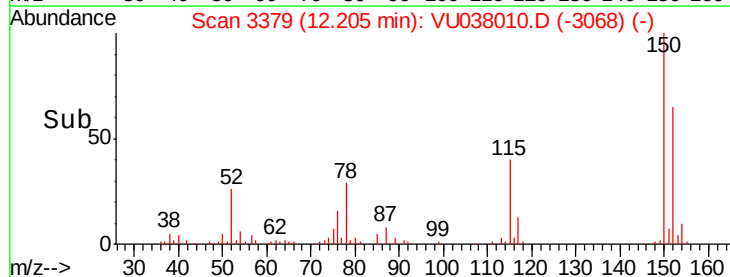
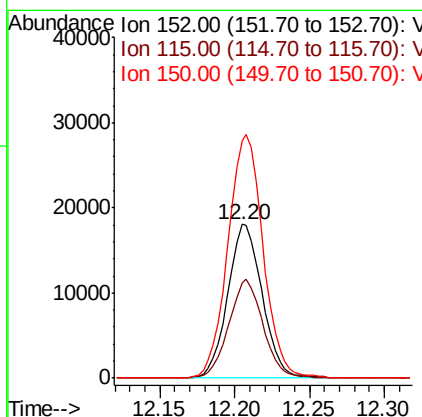
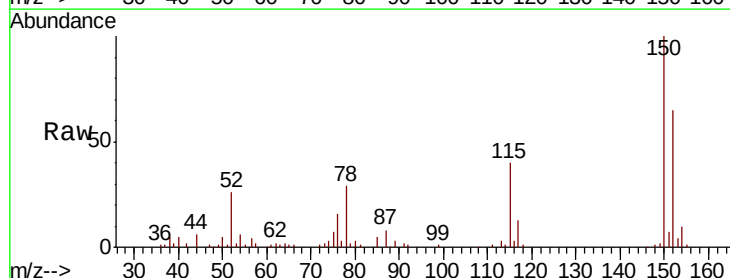
Instrument :
 MSVOA_U
 ClientSampled :

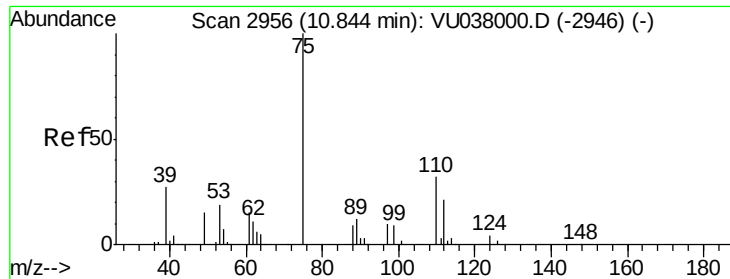
Tot Ion	95	Resp	30353
Ion Ratio	Lower	Upper	
95	100		
174	73.4	61.2	91.8
176	69.7	57.1	85.7



#68
 1,2-Dichlorobenzene-d4
 Concen: 0.908 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. 0.00 min
 Lab File: VU038010.D
 Acq: 05 May 2020 11:26

Tgt Ion	152	Resp	29047
Ion Ratio	Lower	Upper	
152	100		
115	63.6	0.0	261.0
150	161.2	0.0	650.2

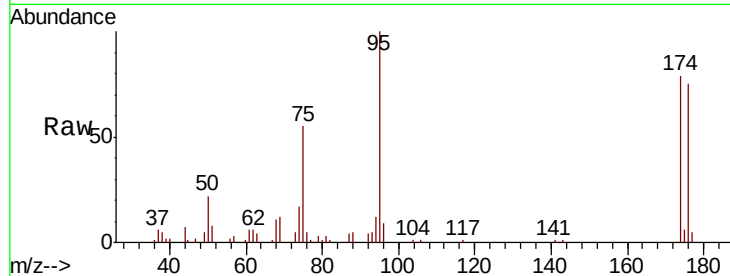




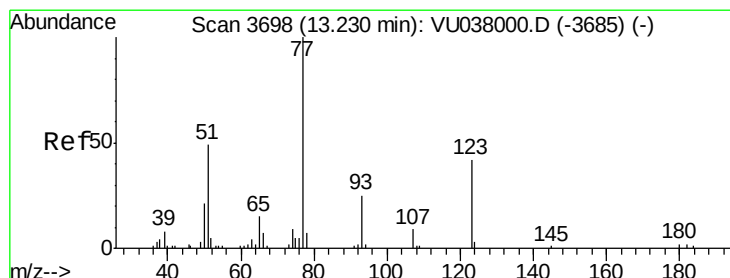
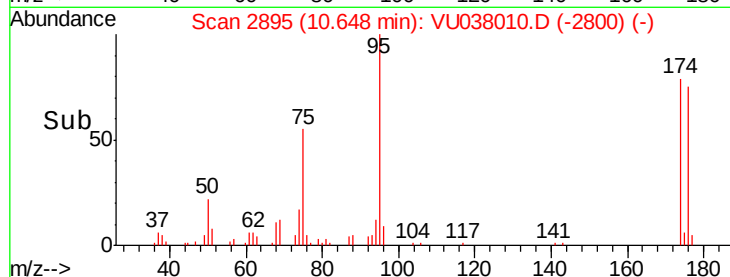
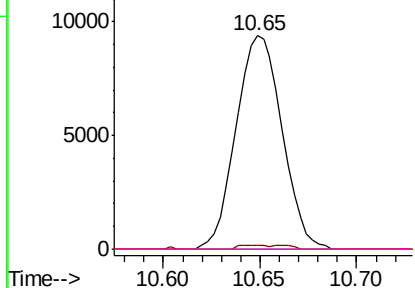
#71
 1,2,3-Trichloropropane
 Concen: 0.919 ug/l
 RT: 10.65 min Scan# 2895
 Delta R.T. -0.20 min
 Lab File: VU038010.D
 Acq: 05 May 2020 11:26

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	75	Resp:	15543
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	108.6
110	0.0	0.0	79.4
97	0.0	0.0	40.4

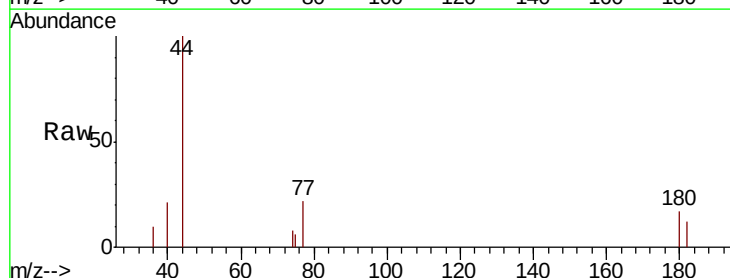


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0



#80
 Nitrobenzene
 Concen: 0.667 ug/l
 RT: 13.23 min Scan# 3699
 Delta R.T. 0.00 min
 Lab File: VU038010.D
 Acq: 05 May 2020 11:26

Tgt Ion:	77	Resp:	452
Ion	Ratio	Lower	Upper
77	100		
123	0.0	17.6	62.6#
65	0.0	13.2	16.8#



Abundance Ion 77.00 (76.70 to 77.70): VU0
 Ion 123.00 (122.70 to 123.70): V
 Ion 65.00 (64.70 to 65.70): VU0

