

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050420\
 Data File : VU038003.D
 Acq On : 04 May 2020 15:55
 Operator : JC/MD
 Sample : VU0504WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 05 02:23:20 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

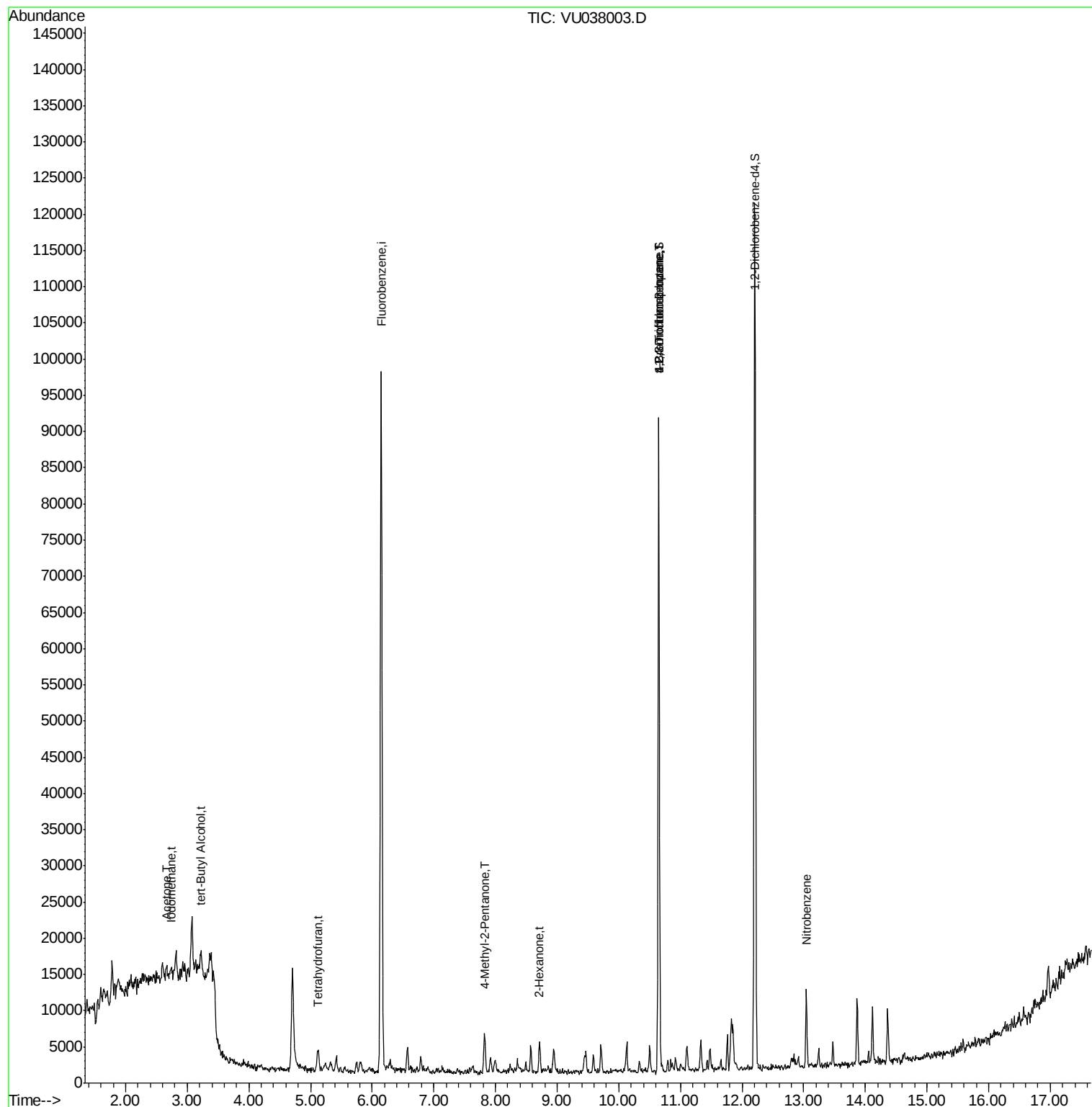
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	6.15	96	88609	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	30189	0.88	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	29644	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
Target Compounds					Ovalue	
10) Iodomethane	2.75	142	321	1.030	ug/l #	84
13) Acetone	2.66	43	1484	0.293	ug/l #	74
15) Methylene Chloride	3.07	84	3663	Below Cal	#	91
24) tert-Butyl Alcohol	3.21	59	1147	0.509	ug/l #	80
41) Tetrahydrofuran	5.11	42	1085	0.214	ug/l #	64
45) 4-Methyl-2-Pentanone	7.82	43	4077	0.228	ug/l	93
46) t-1,4-Dichloro-2-butene	10.65	75	16153	2.925	ug/l #	13
54) 2-Hexanone	8.71	43	3848	0.305	ug/l	76
71) 1,2,3-Trichloropropane	10.65	75	16153	0.918	ug/l #	34
80) Nitrobenzene	13.04	77	1058	1.501	ug/l #	45
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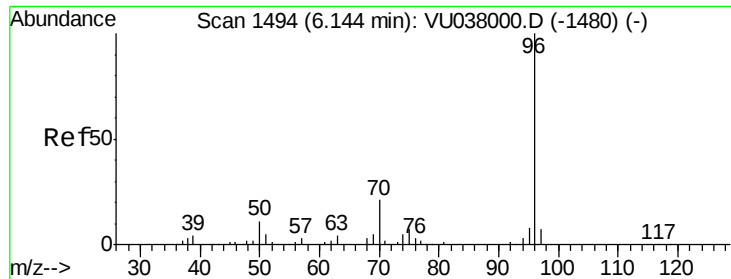
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\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





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU038003.D

Acq: 04 May 2020 15:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 88609

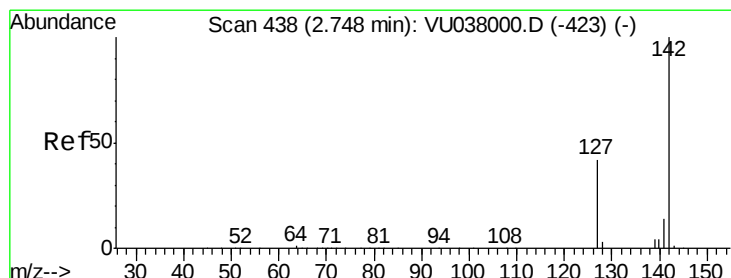
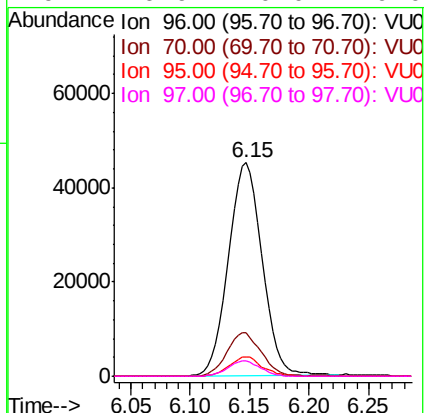
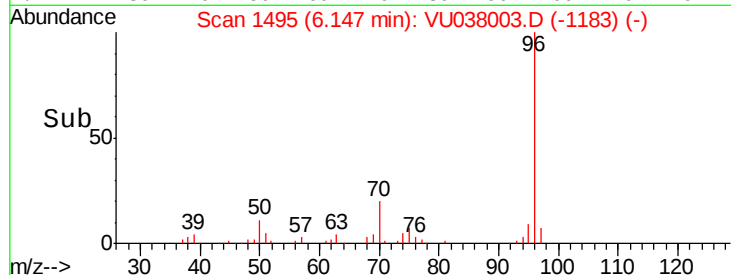
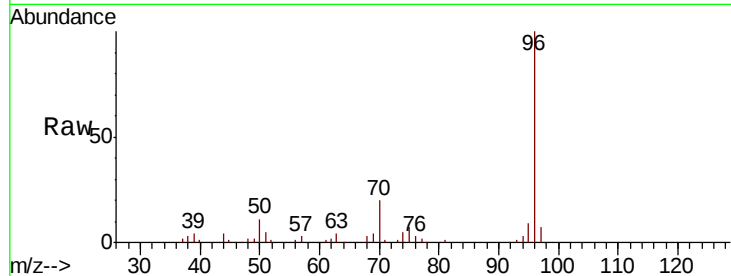
Ion Ratio Lower Upper

96 100

70 20.4 14.4 21.6

95 8.9 7.1 10.7

97 6.9 0.0 0.0#



#10

Iodomethane

Concen: 1.030 ug/l

RT: 2.75 min Scan# 440

Delta R.T. 0.01 min

Lab File: VU038003.D

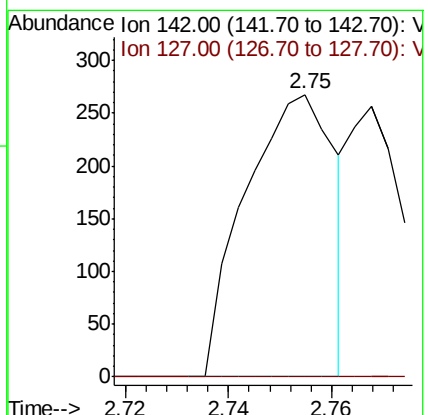
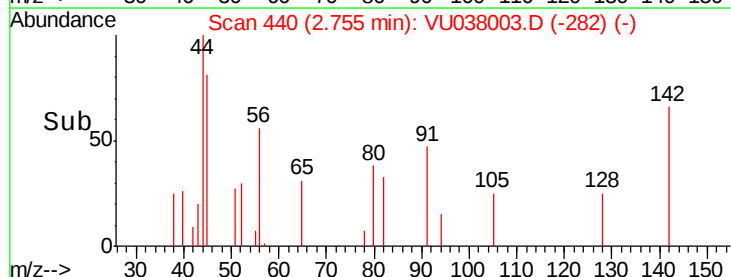
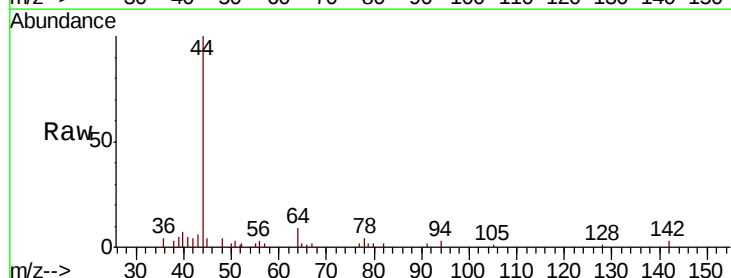
Acq: 04 May 2020 15:55

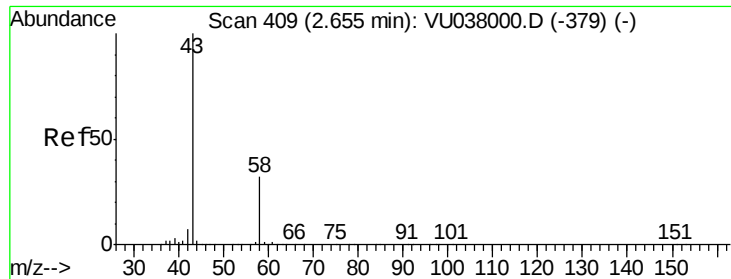
Tgt Ion:142 Resp: 321

Ion Ratio Lower Upper

142 100

127 32.1 33.5 50.3#





#13

Acetone

Concen: 0.293 ug/l

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU038003.D

Acq: 04 May 2020 15:55

Instrument :

MSVOA_U

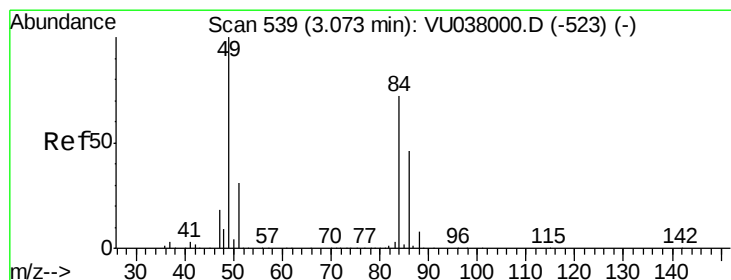
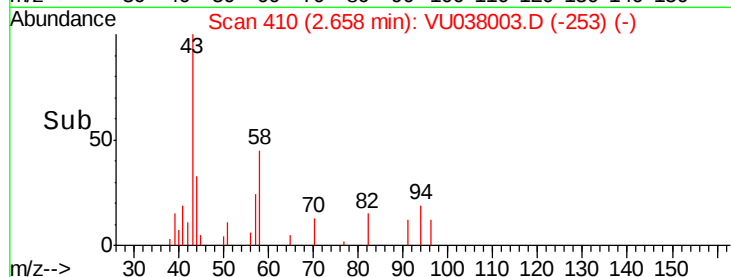
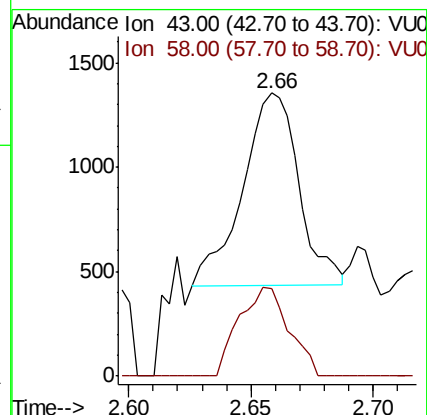
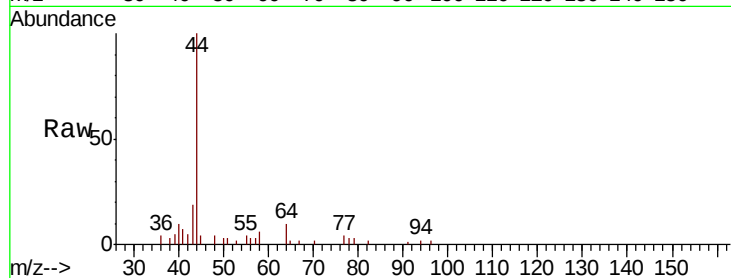
ClientSampleId :

Tot Ion: 43 Resp: 1484

Ion Ratio Lower Upper

43 100

58 45.8 25.2 37.8#



#15

Methylene Chloride

Concen: Below Cal

RT: 3.07 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU038003.D

Acq: 04 May 2020 15:55

Tgt Ion: 84 Resp: 3663

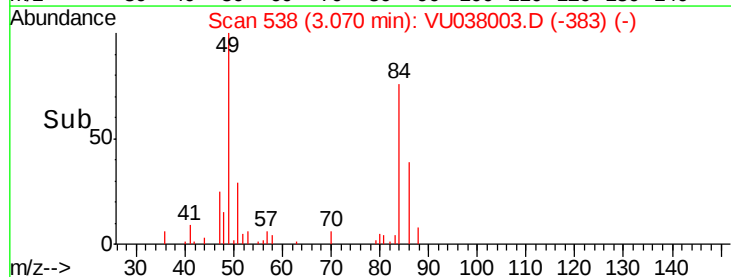
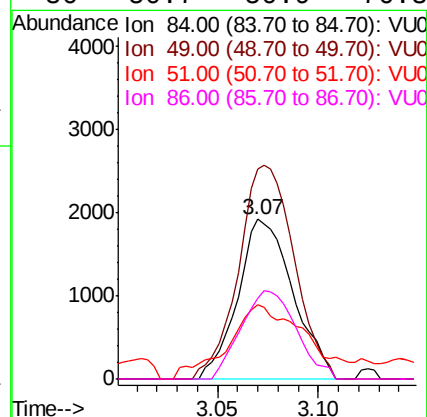
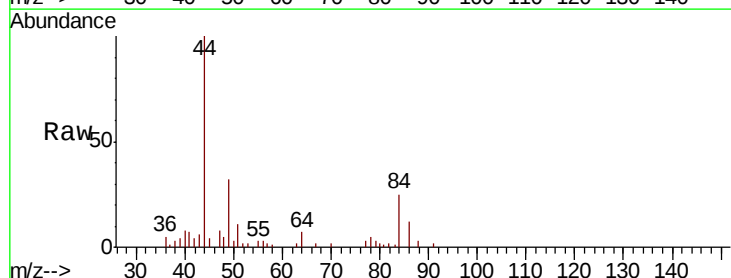
Ion Ratio Lower Upper

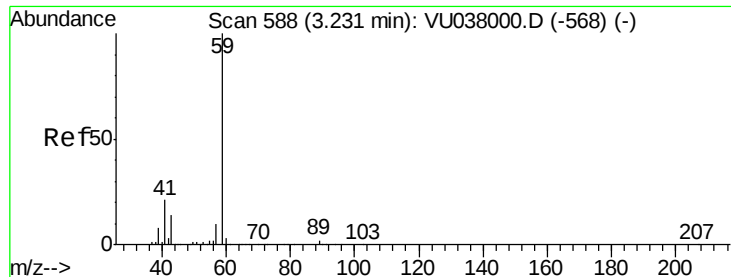
84 100

49 131.4 110.6 166.0

51 39.2 0.0 85.4

86 50.7 50.9 76.3#





#24

tert-Butyl Alcohol

Concen: 0.509 ug/l

RT: 3.21 min Scan# 583

Delta R.T. -0.02 min

Lab File: VU038003.D

Acq: 04 May 2020 15:55

Instrument :

MSVOA_U

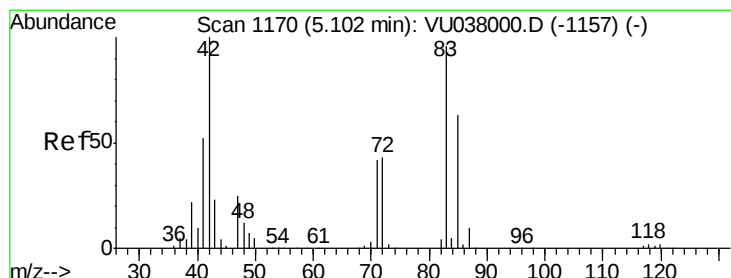
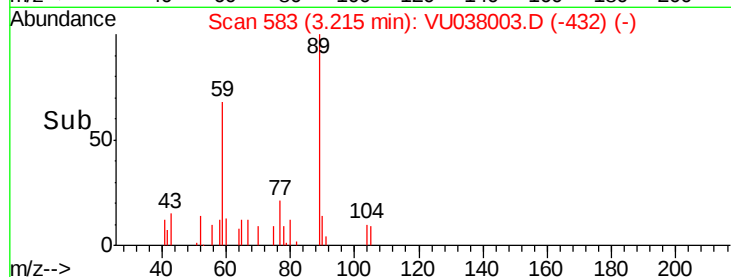
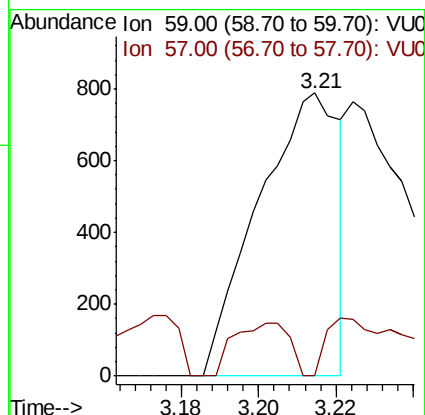
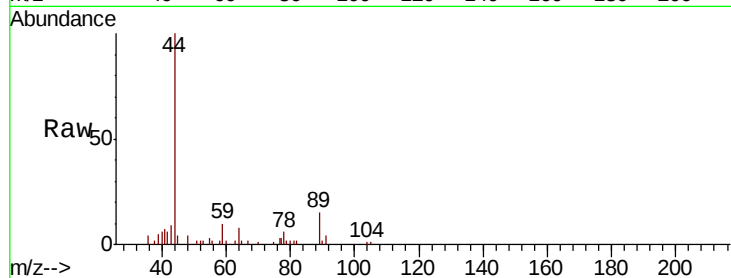
ClientSampleId :

Tot Ion: 59 Resp: 1147

Ion Ratio Lower Upper

59 100

57 17.6 8.2 12.4#



#41

Tetrahydrofuran

Concen: 0.214 ug/l

RT: 5.11 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VU038003.D

Acq: 04 May 2020 15:55

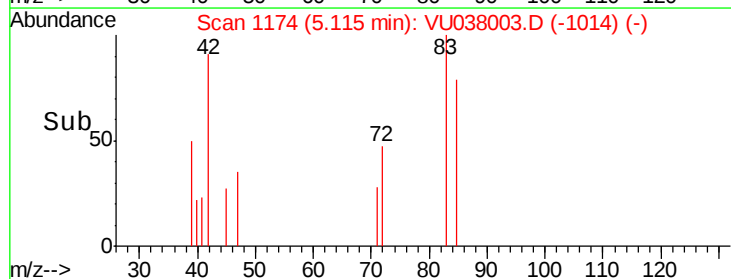
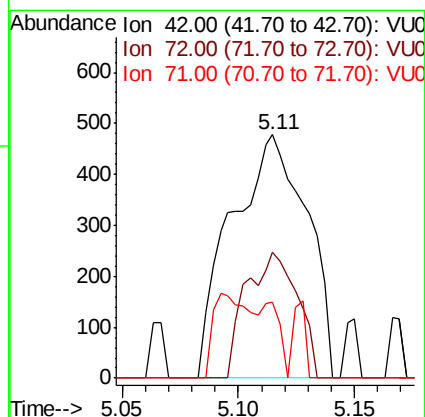
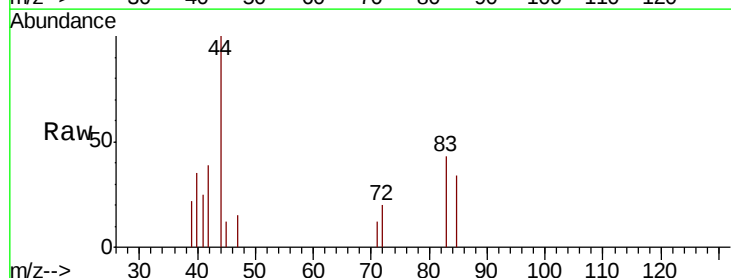
Tgt Ion: 42 Resp: 1085

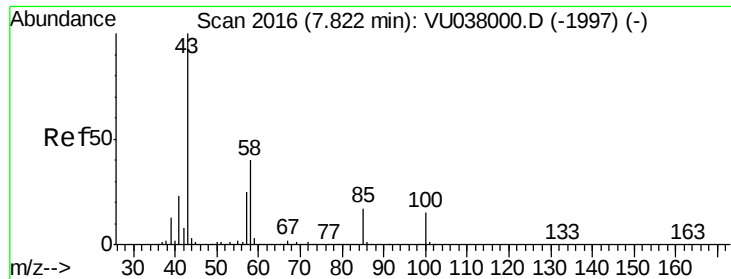
Ion Ratio Lower Upper

42 100

72 35.1 37.4 56.2#

71 5.3 32.8 49.2#

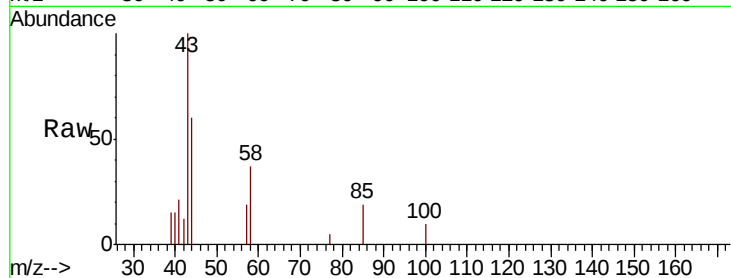




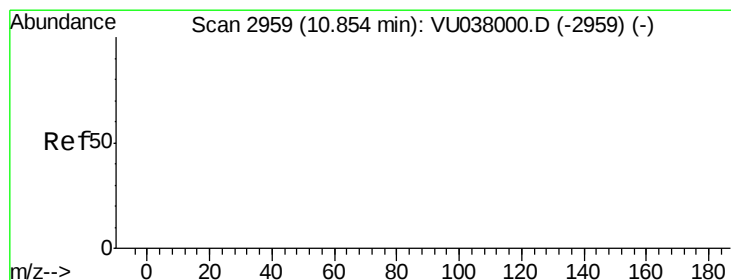
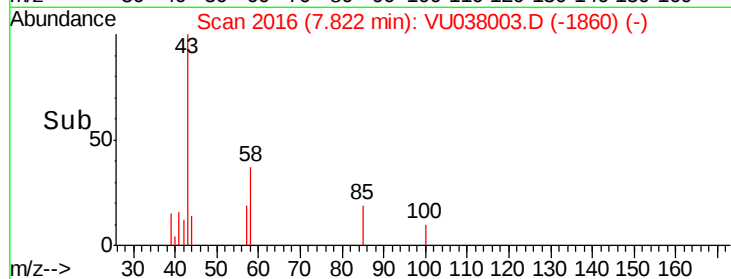
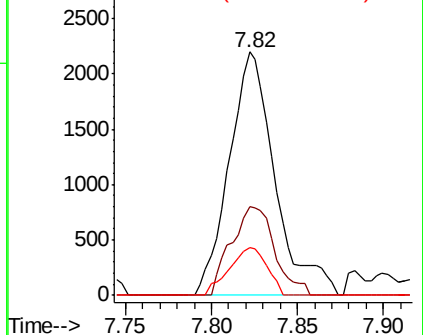
#45
4-Methyl-2-Pentanone
Concen: 0.228 ug/l
RT: 7.82 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VU038003.D
Acq: 04 May 2020 15:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 4077
Ion Ratio Lower Upper
43 100
58 34.5 20.1 60.3
85 16.1 13.7 20.5

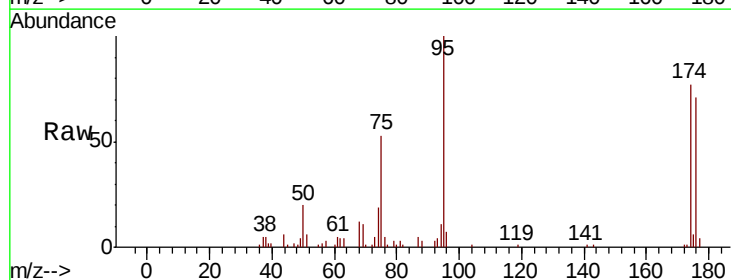


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

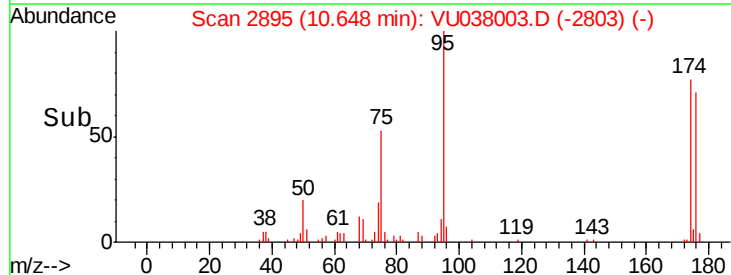
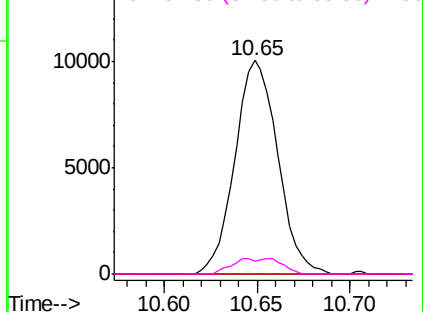


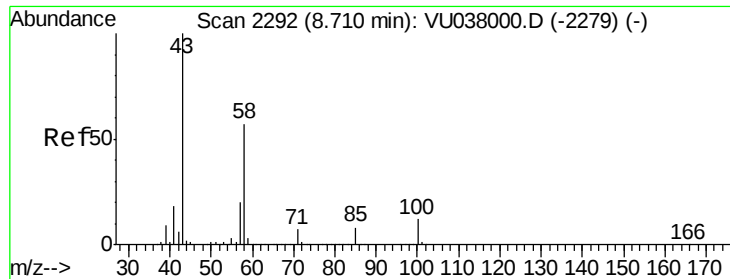
#46
t-1,4-Dichloro-2-butene
Concen: 2.925 ug/l
RT: 10.65 min Scan# 2895
Delta R.T. -0.21 min
Lab File: VU038003.D
Acq: 04 May 2020 15:55

Tgt Ion: 75 Resp: 16153
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 53.2 79.8#
88 4.1 38.2 57.2#



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

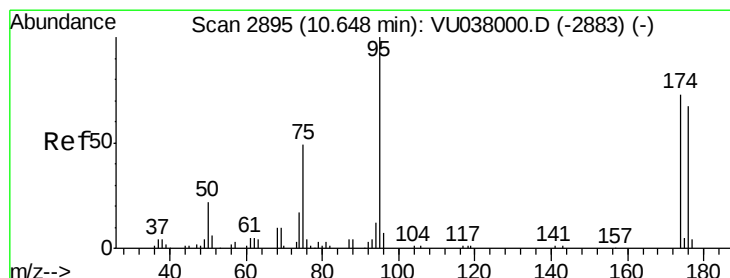
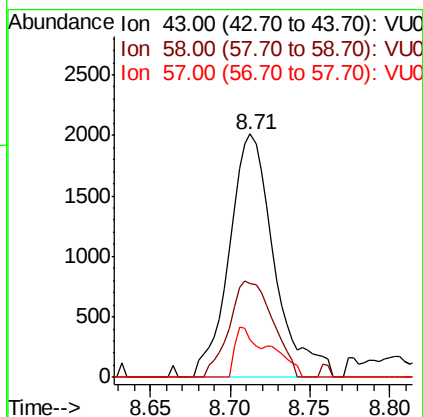
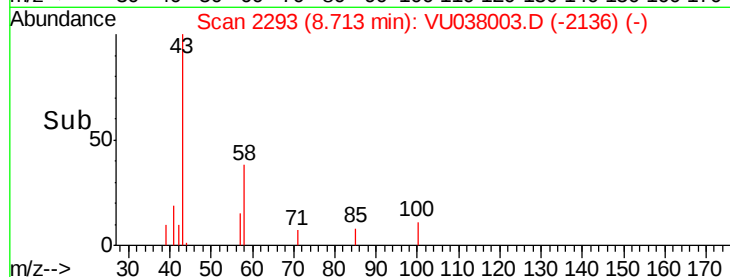
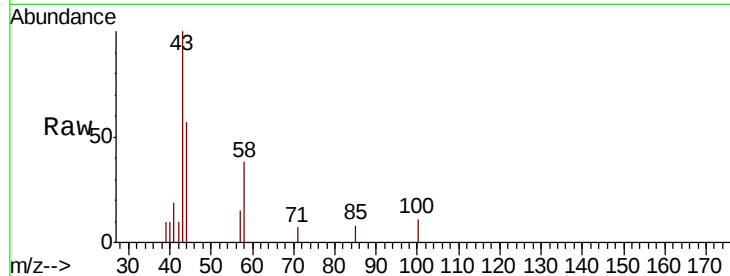




#54
2-Hexanone
Concen: 0.305 ug/l
RT: 8.71 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VU038003.D
Acq: 04 May 2020 15:55

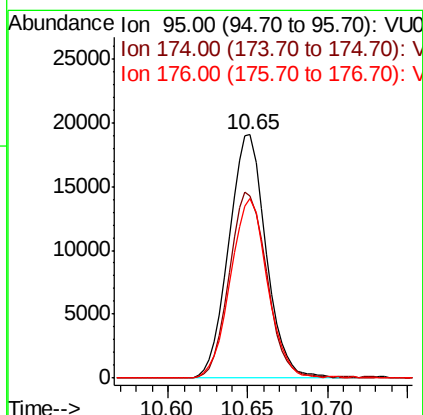
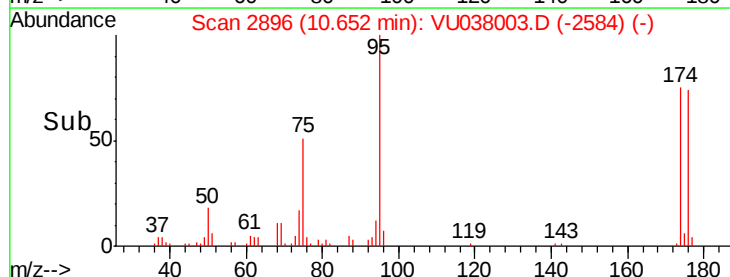
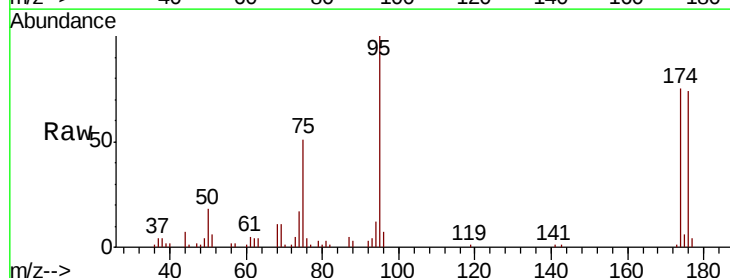
Instrument :
MSVOA_U
ClientSampled :

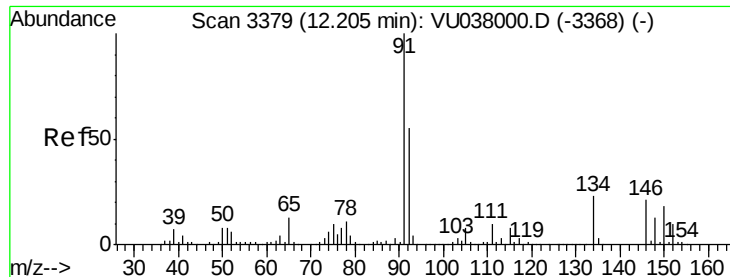
Tot Ion: 43 Resp: 3848
Ion Ratio Lower Upper
43 100
58 38.5 36.5 76.5
57 9.4 0.0 39.5



#57
4-Bromofluorobenzene
Concen: 0.879 ug/l
RT: 10.65 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VU038003.D
Acq: 04 May 2020 15:55

Tgt Ion: 95 Resp: 30189
Ion Ratio Lower Upper
95 100
174 76.9 61.2 91.8
176 73.2 57.1 85.7

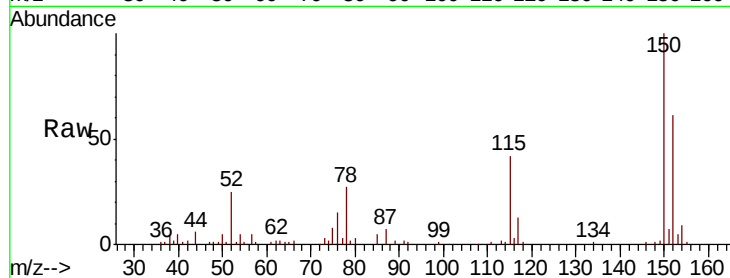




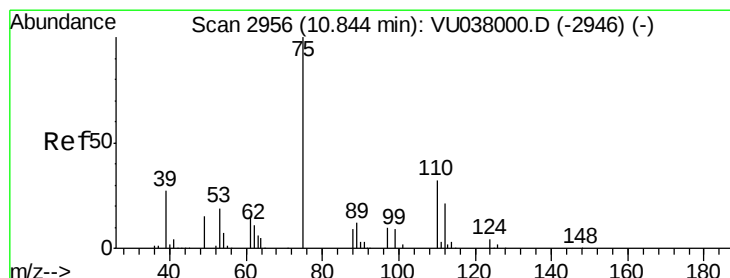
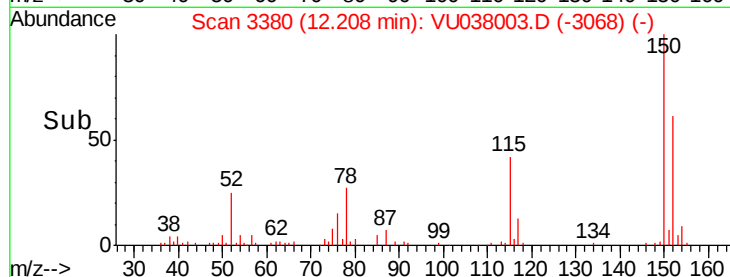
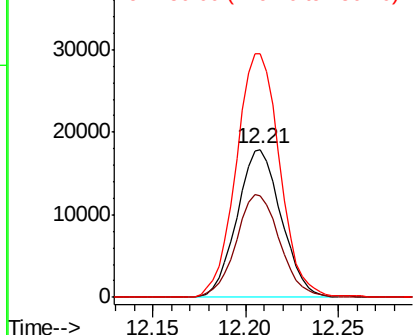
#68
 1,2-Dichlorobenzene-d4
 Concen: 0.891 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU038003.D
 Acq: 04 May 2020 15:55

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:152 Resp: 29644
 Ion Ratio Lower Upper
 152 100
 115 68.5 0.0 261.0
 150 162.6 0.0 650.2

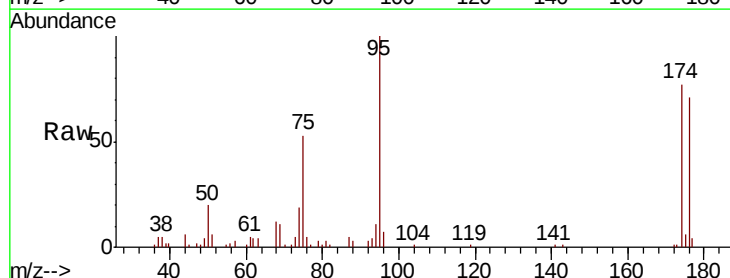


Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V

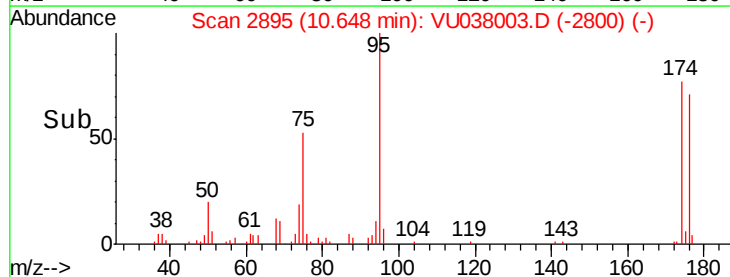
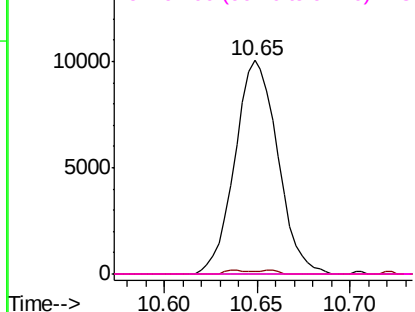


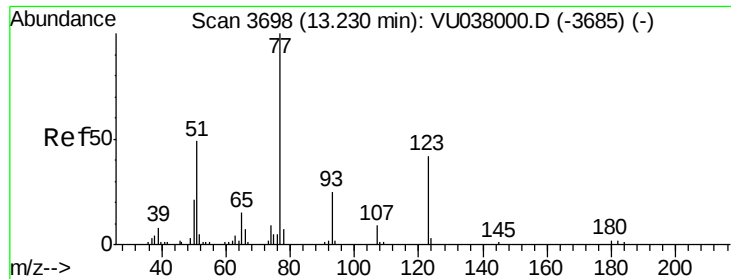
#71
 1,2,3-Trichloropropane
 Concen: 0.918 ug/l
 RT: 10.65 min Scan# 2895
 Delta R.T. -0.20 min
 Lab File: VU038003.D
 Acq: 04 May 2020 15:55

Tgt Ion: 75 Resp: 16153
 Ion Ratio Lower Upper
 75 100
 77 0.7 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: 1.501 ug/l

RT: 13.04 min Scan# 3639

Delta R.T. -0.19 min

Lab File: VU038003.D

Acq: 04 May 2020 15:55

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 77 Resp: 1058

Ion Ratio Lower Upper

77 100

123 0.0 17.6 62.6#

65 3.8 13.2 16.8#

