

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030920\
 Data File : VU037136.D
 Acq On : 09 Mar 2020 16:38
 Operator : JC/MD
 Sample : VU0309WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK42

Quant Time: Mar 09 16:55:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:46:40 2020
 Response via : Initial Calibration

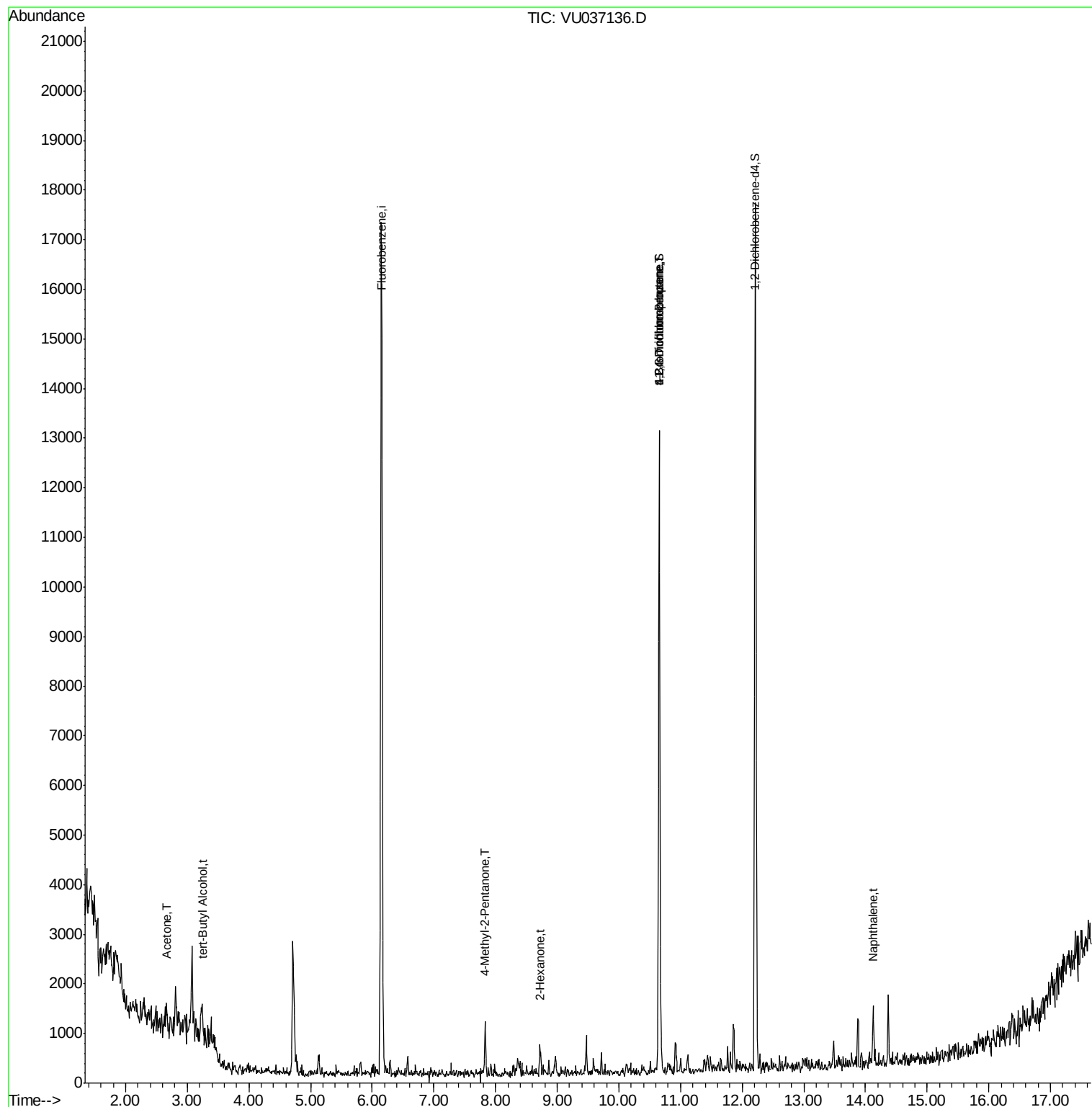
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	6.15	96	14992	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	4886	0.84	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	4916	0.83	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.00%	
Target Compounds						Ovalue
13) Acetone	2.66	43	291	0.319	ug/l #	37
24) tert-Butyl Alcohol	3.23	59	258	0.803	ug/l #	72
45) 4-Methyl-2-Pentanone	7.83	43	948	0.278	ug/l #	69
46) t-1,4-Dichloro-2-butene	10.65	75	2655	2.842	ug/l #	28
54) 2-Hexanone	8.72	43	601	0.256	ug/l #	48
71) 1,2,3-Trichloropropane	10.65	75	2655	0.727	ug/l #	34
89) Naphthalene	14.12	128	1427	0.425	ug/l #	77
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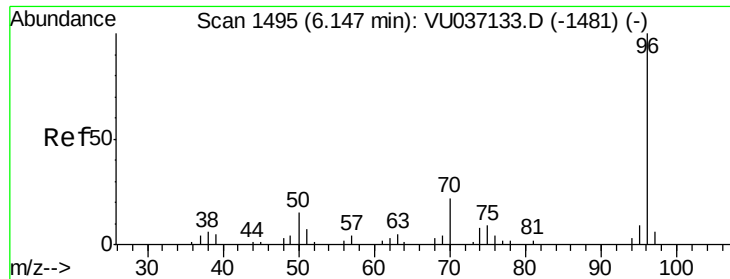
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU037136.D

Acq: 09 Mar 2020 16:38

Instrument :

MSVOA_U

ClientSampleId :

VBLK42

Tot Ion: 96 Resp: 14992

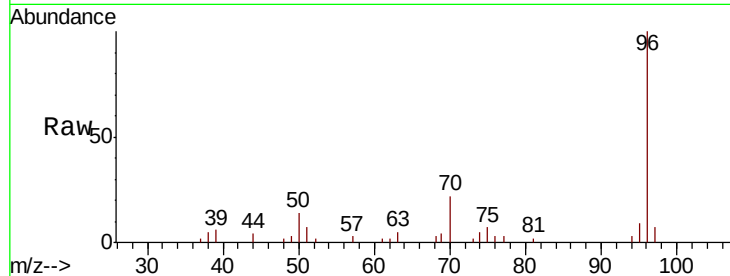
Ion Ratio Lower Upper

96 100

70 21.0 15.6 23.4

95 8.9 7.0 10.6

97 6.6 0.0 0.0#



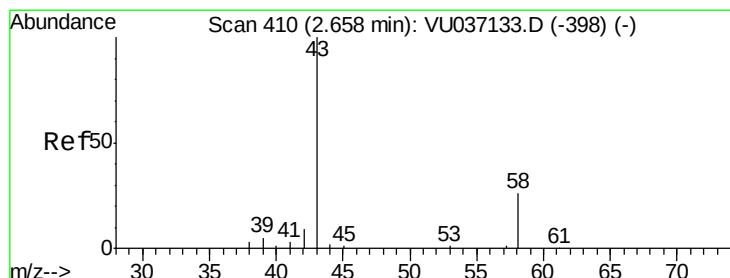
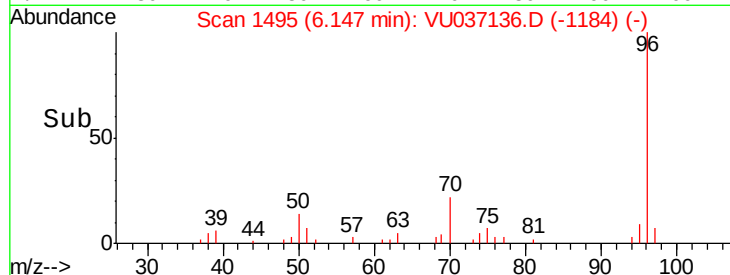
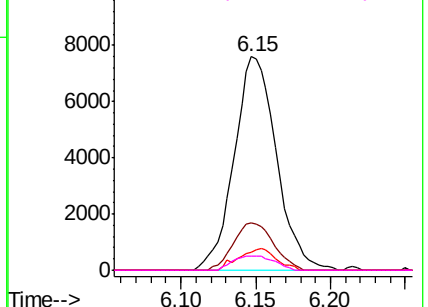
Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#13

Acetone

Concen: 0.319 ug/l

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU037136.D

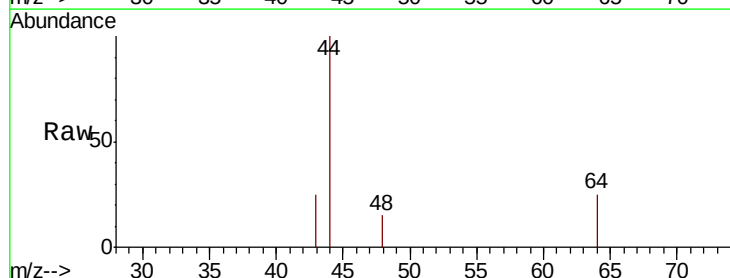
Acq: 09 Mar 2020 16:38

Tgt Ion: 43 Resp: 291

Ion Ratio Lower Upper

43 100

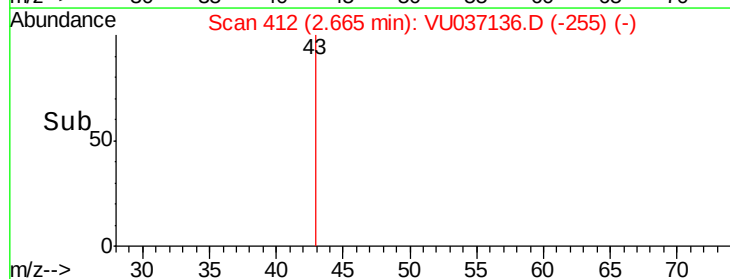
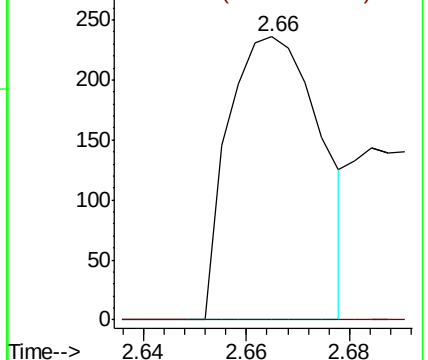
58 0.0 30.8 46.2#

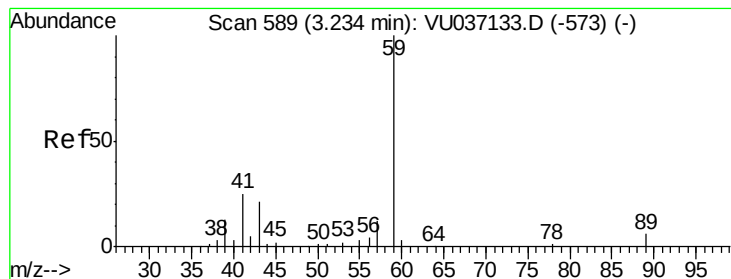


Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#24

tert-Butyl Alcohol

Concen: 0.803 ug/l

RT: 3.23 min Scan# 589

Delta R.T. -0.00 min

Lab File: VU037136.D

Acq: 09 Mar 2020 16:38

Instrument :

MSVOA_U

ClientSampled :

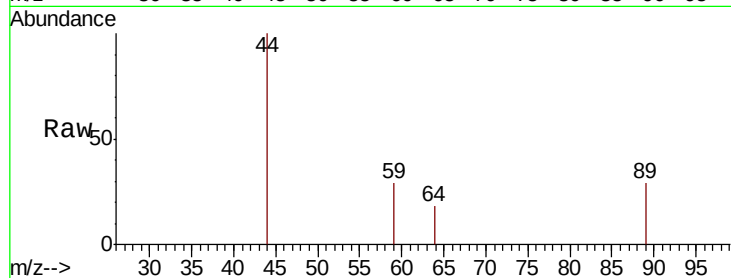
VBLK42

Tot Ion: 59 Resp: 258

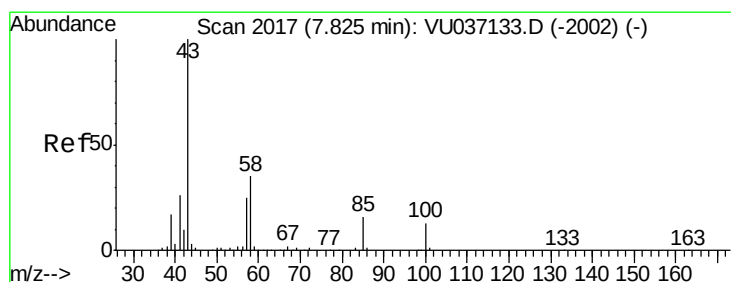
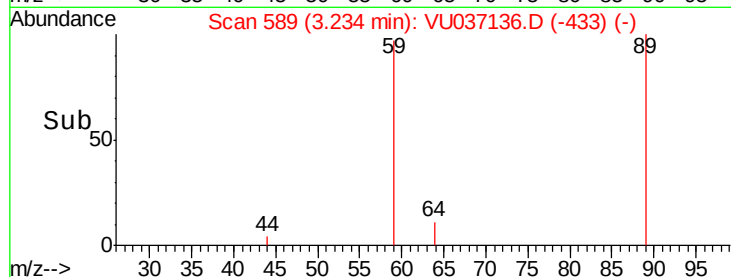
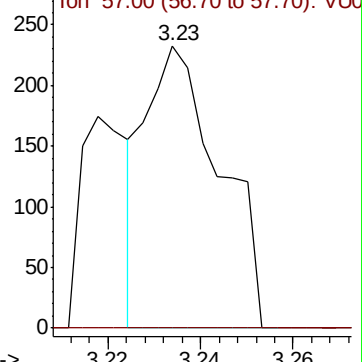
Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU037136.D (-433) (-)



#45

4-Methyl-2-Pentanone

Concen: 0.278 ug/l

RT: 7.83 min Scan# 2018

Delta R.T. 0.00 min

Lab File: VU037136.D

Acq: 09 Mar 2020 16:38

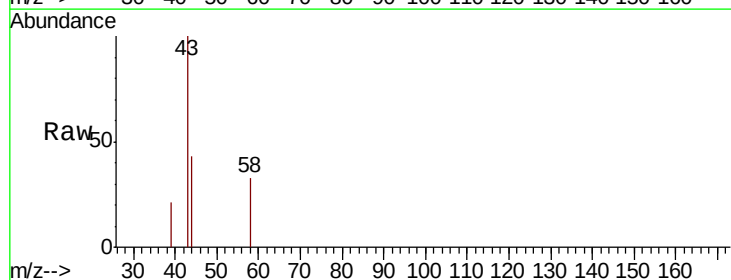
Tgt Ion: 43 Resp: 948

Ion Ratio Lower Upper

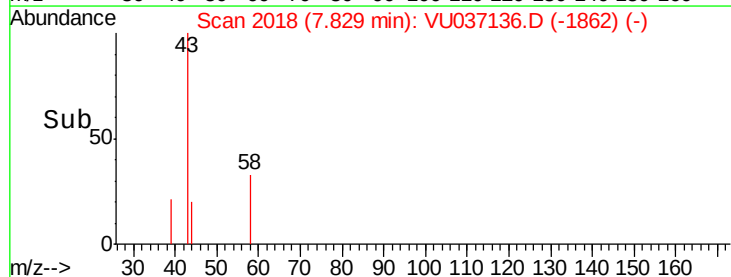
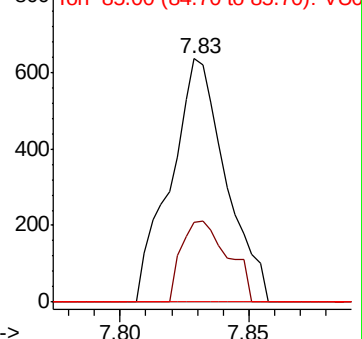
43 100

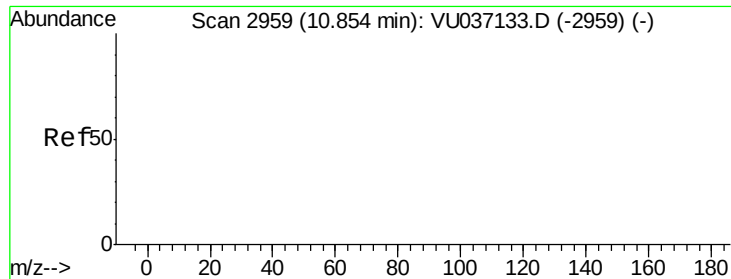
58 28.3 22.1 66.1

85 0.0 17.4 26.0#



Abundance Ion 43.00 (42.70 to 43.70): VU037136.D (-1862) (-)

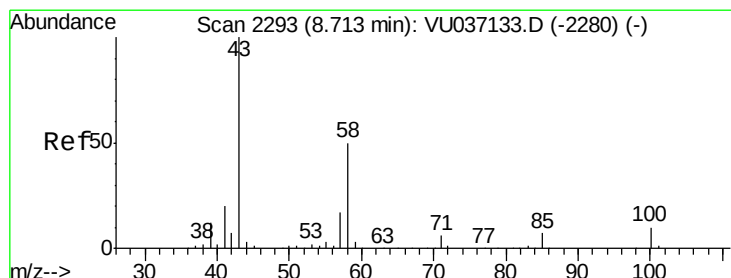
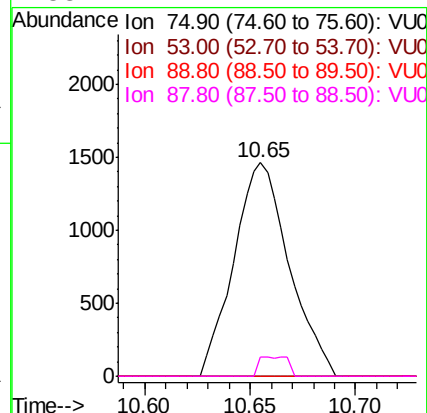
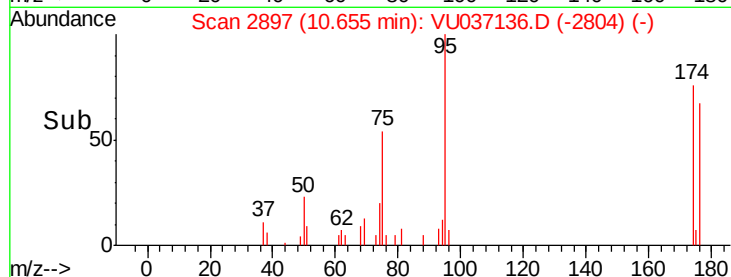
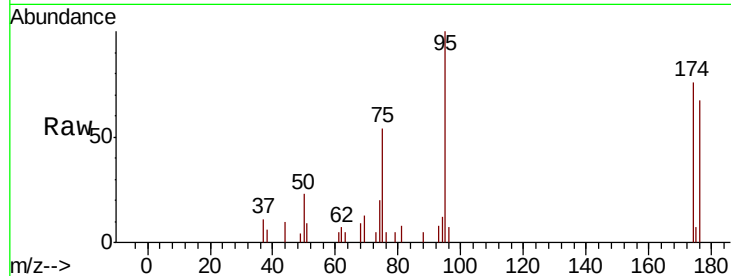




#46
t-1,4-Dichloro-2-butene
Concen: 2.842 ug/l
RT: 10.65 min Scan# 2897
Delta R.T. -0.20 min
Lab File: VU037136.D
Acq: 09 Mar 2020 16:38

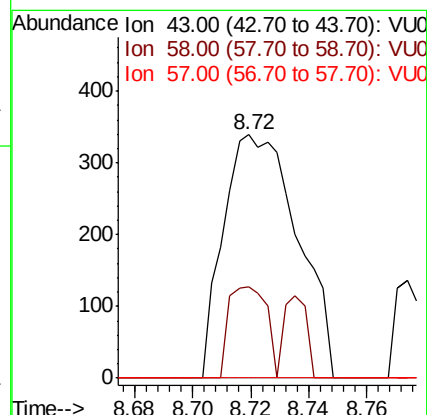
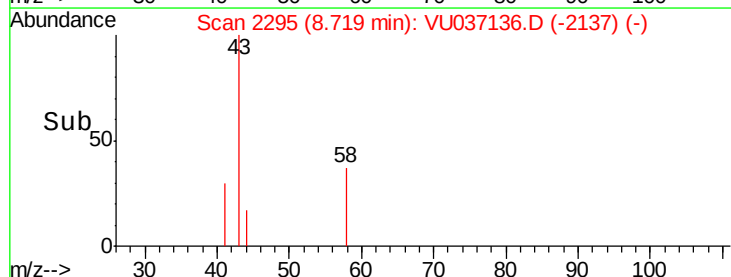
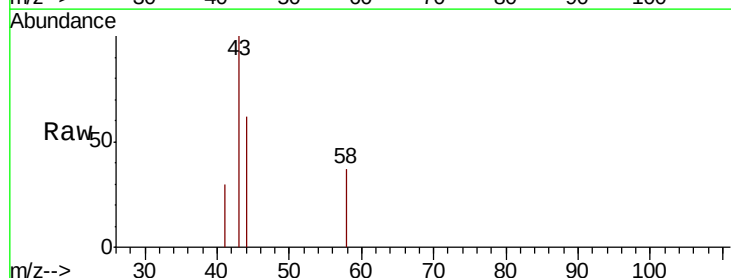
Instrument :
MSVOA_U
ClientSampled :
VBLK42

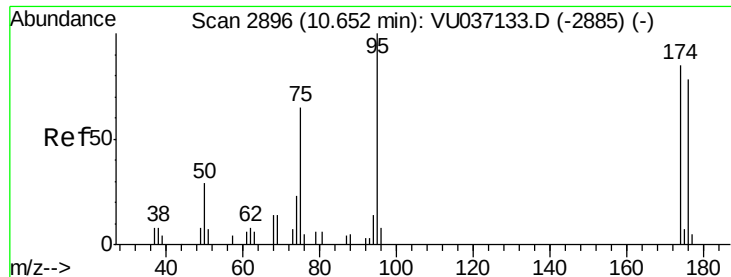
Tot Ion: 75 Resp: 2655
Ion Ratio Lower Upper
75 100
53 0.0 52.2 78.2#
89 0.0 39.8 59.6#
88 4.7 27.4 41.2#



#54
2-Hexanone
Concen: 0.256 ug/l
RT: 8.72 min Scan# 2295
Delta R.T. 0.01 min
Lab File: VU037136.D
Acq: 09 Mar 2020 16:38

Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
58 18.8 40.6 80.6#
57 0.0 1.2 41.2#

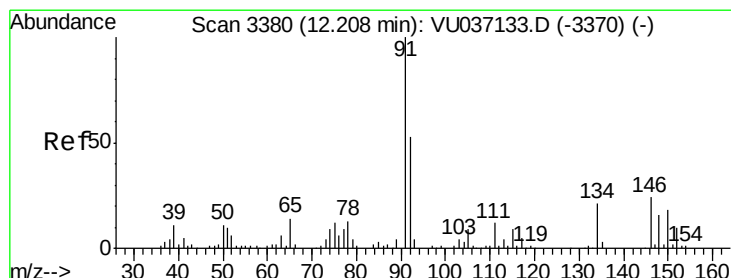
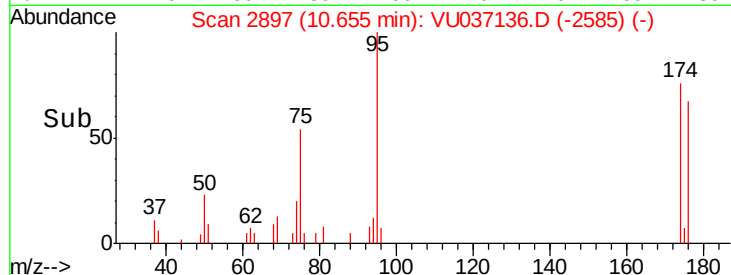
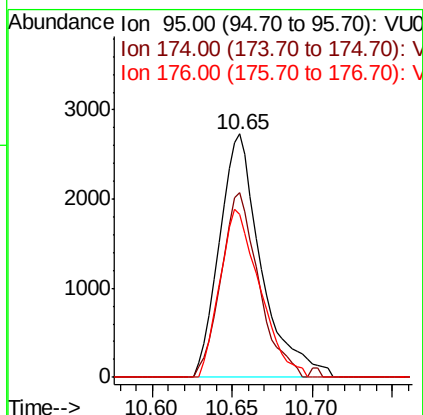
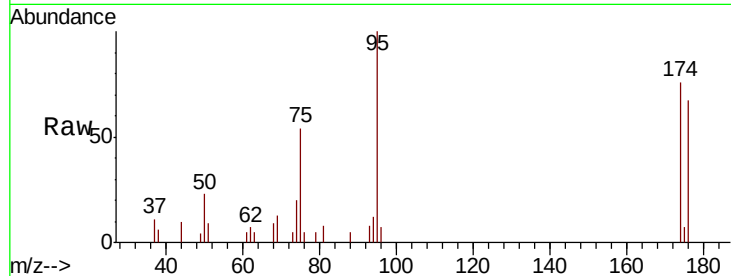




#57
 4-Bromofluorobenzene
 Concen: 0.842 ug/l
 RT: 10.65 min Scan# 2897
 Delta R.T. 0.00 min
 Lab File: VU037136.D
 Acq: 09 Mar 2020 16:38

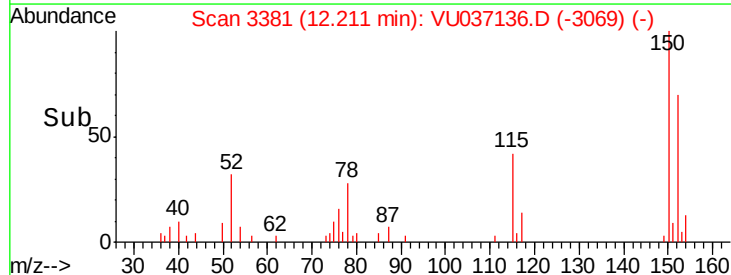
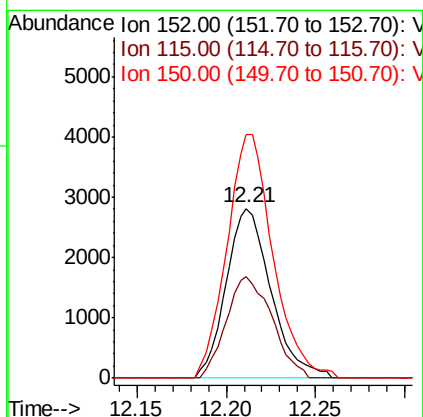
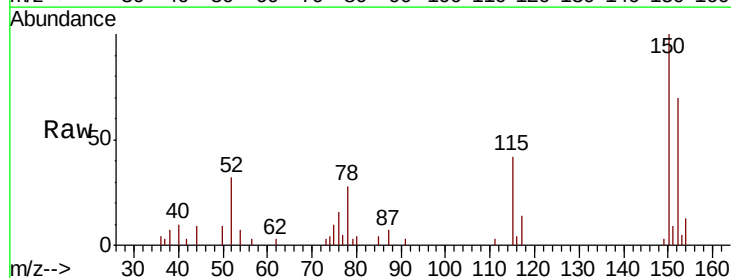
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK42

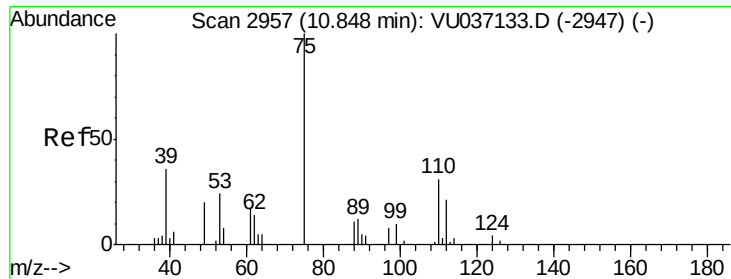
Tot Ion: 95 Resp: 4886
 Ion Ratio Lower Upper
 95 100
 174 68.6 64.7 97.1
 176 66.1 60.6 91.0



#68
 1,2-Dichlorobenzene-d4
 Concen: 0.831 ug/l
 RT: 12.21 min Scan# 3381
 Delta R.T. 0.00 min
 Lab File: VU037136.D
 Acq: 09 Mar 2020 16:38

Tgt Ion: 152 Resp: 4916
 Ion Ratio Lower Upper
 152 100
 115 60.9 0.0 241.8
 150 147.4 0.0 652.4

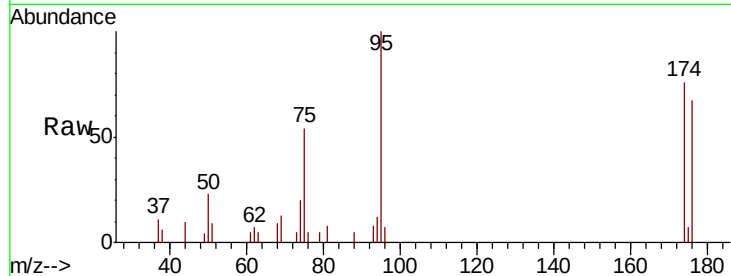




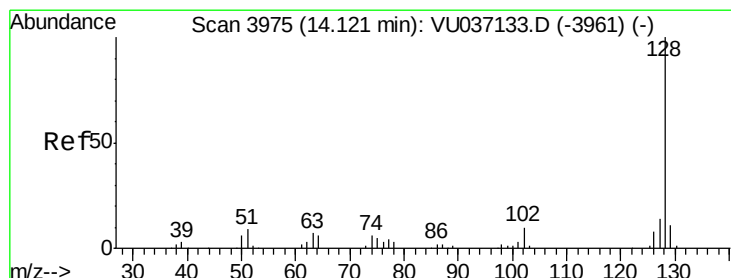
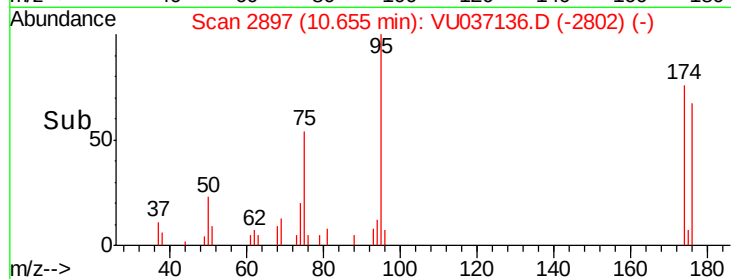
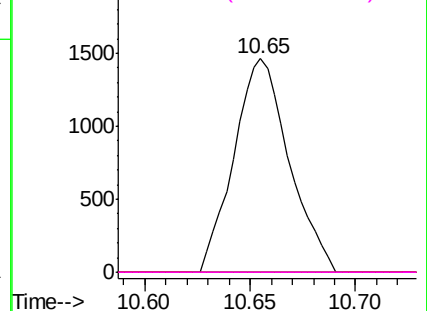
#71
 1,2,3-Trichloropropane
 Concen: 0.727 ug/l
 RT: 10.65 min Scan# 2897
 Delta R.T. -0.19 min
 Lab File: VU037136.D
 Acq: 09 Mar 2020 16:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK42

Tot Ion:	75	Resp:	2655
Ion	Ratio	Lower	Upper
75	100		
77	5.8	0.0	129.6
110	0.0	0.0	77.4
97	0.0	0.0	42.0

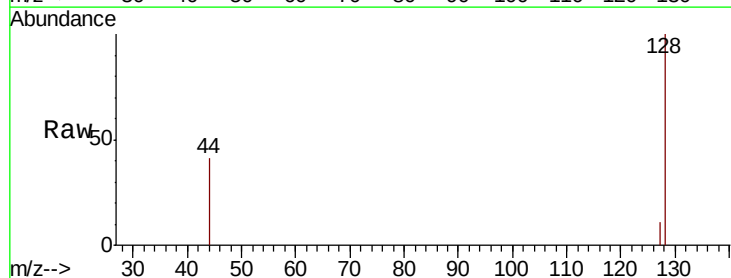


Abundance Ion 75.00 (74.70 to 75.70): VU037136.D (-2897) (-)
 Ion 77.00 (76.70 to 77.70): VU037136.D (-2897) (-)
 Ion 110.00 (109.70 to 110.70): VU037136.D (-2897) (-)
 Ion 97.00 (96.70 to 97.70): VU037136.D (-2897) (-)



#89
 Naphthalene
 Concen: 0.425 ug/l
 RT: 14.12 min Scan# 3976
 Delta R.T. 0.00 min
 Lab File: VU037136.D
 Acq: 09 Mar 2020 16:38

Tgt Ion:	128	Resp:	1427
Ion	Ratio	Lower	Upper
128	100		
127	6.0	10.5	15.7#
129	0.0	8.7	13.1#



Abundance Ion 128.00 (127.70 to 128.70): VU037136.D (-3976) (-)
 Ion 127.00 (126.70 to 127.70): VU037136.D (-3976) (-)
 Ion 129.00 (128.70 to 129.70): VU037136.D (-3976) (-)

