

Data File : VU030614.D
Acq On : 02 Apr 2019 21:13
Operator : JC/SP
Sample : I.BLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Quant Time: Apr 03 01:58:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U040219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Apr 03 01:47:43 2019
Response via : Initial Calibration

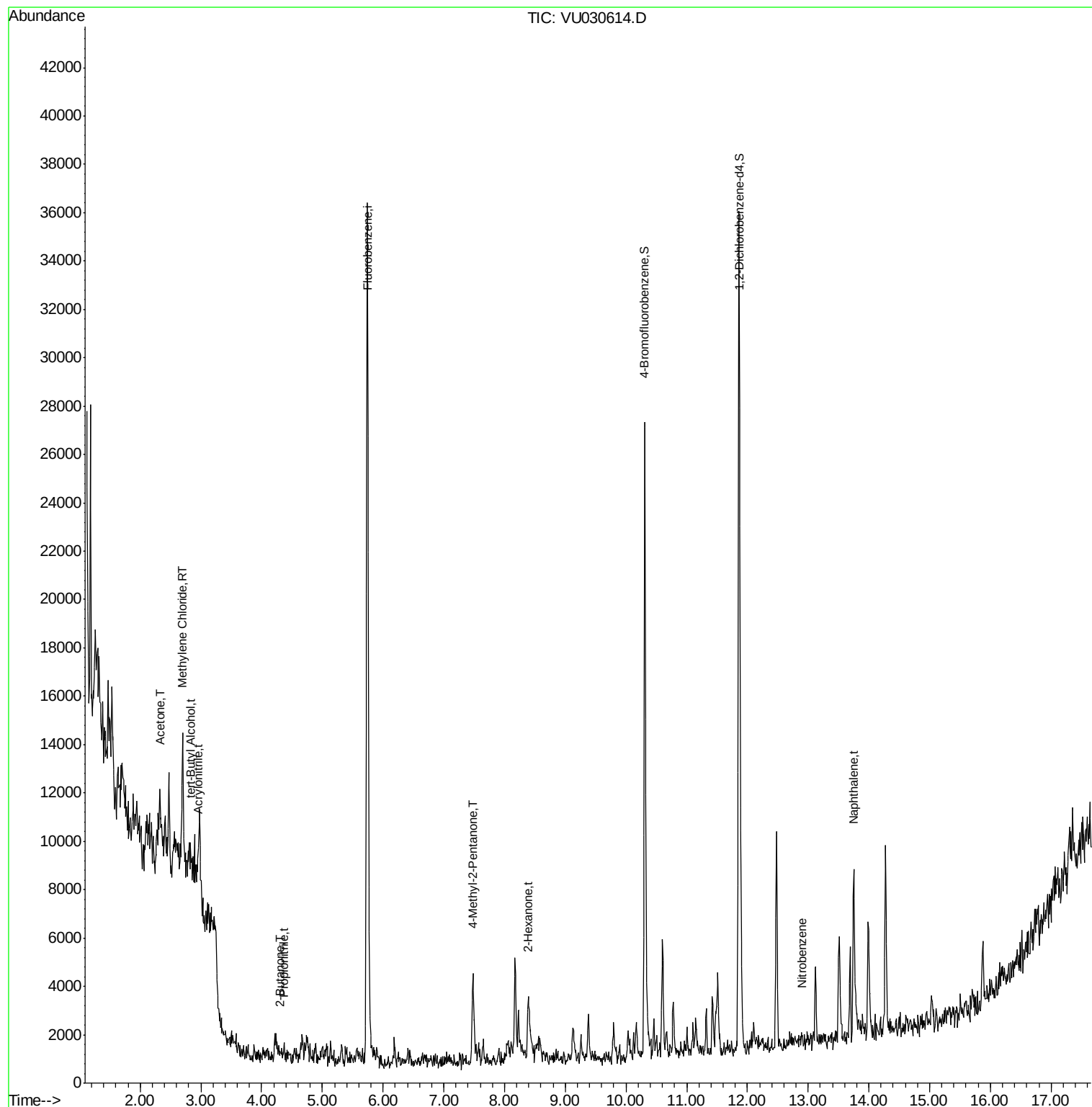
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	32717	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	10802	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	10761	0.81	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.00%	
Target Compounds						Qvalue
12) Acrylonitrile	2.94	53	707	0.361	ug/l #	57
13) Acetone	2.32	43	3643	2.106	ug/l	96
15) Methylene Chloride	2.70	84	2192	0.219	ug/l	84
18) 2-Butanone	4.30	43	561	0.233	ug/l	77
24) tert-Butyl Alcohol	2.83	59	284	0.390	ug/l #	82
34) Propionitrile	4.36	54	291	0.442	ug/l #	37
45) 4-Methyl-2-Pentanone	7.47	43	3304	0.610	ug/l #	58
54) 2-Hexanone	8.39	43	3129	0.814	ug/l	83
80) Nitrobenzene	12.90	77	203	1.100	ug/l #	45
89) Naphthalene	13.75	128	9752	0.432	ug/l #	90
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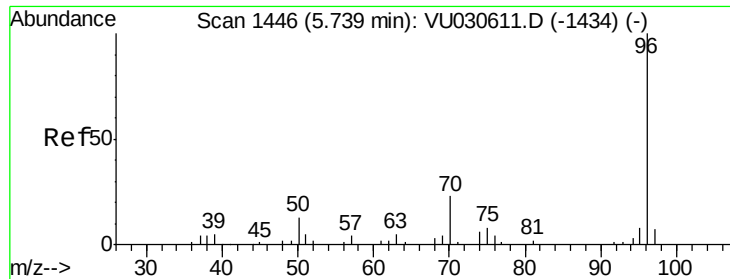
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1447

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 96 Resp: 32717

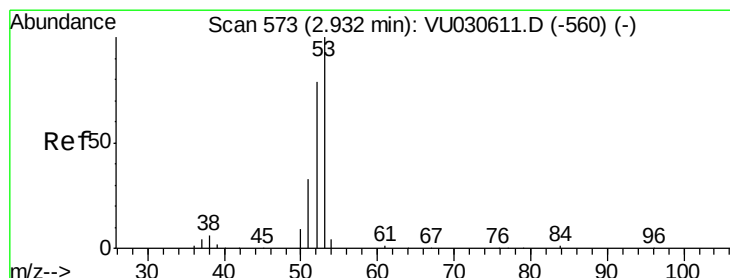
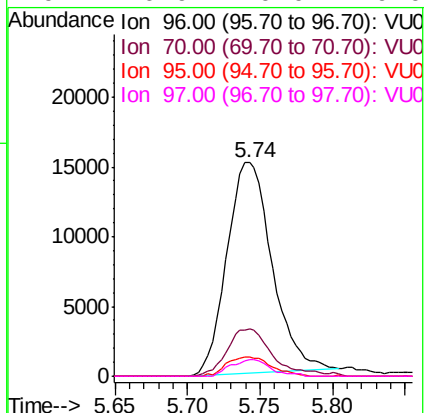
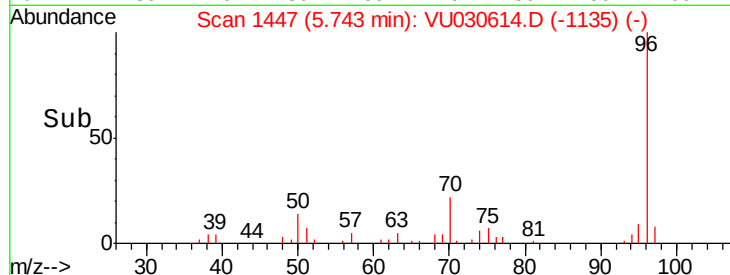
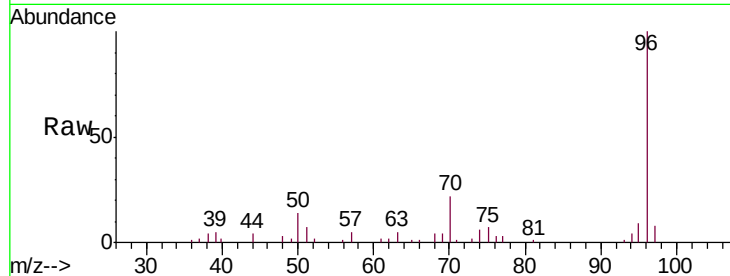
Ion Ratio Lower Upper

96 100

70 21.0 18.5 27.7

95 9.3 0.0 0.0#

97 6.9 0.0 0.0#



#12

Acrylonitrile

Concen: 0.361 ug/l

RT: 2.94 min Scan# 575

Delta R.T. 0.01 min

Lab File: VU030614.D

Acq: 02 Apr 2019 21:13

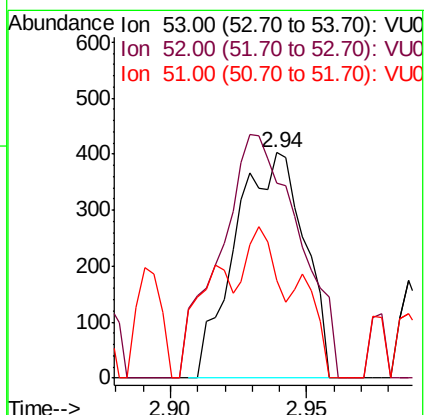
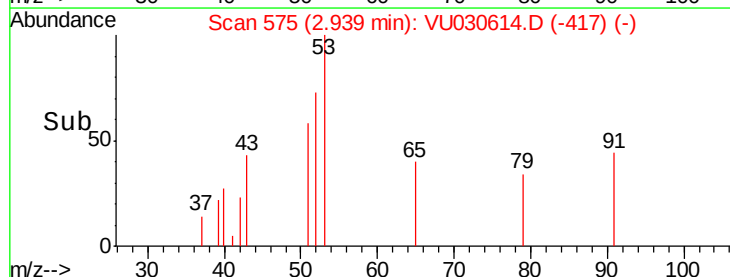
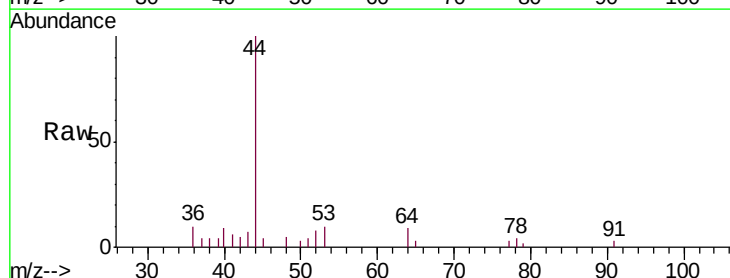
Tgt Ion: 53 Resp: 707

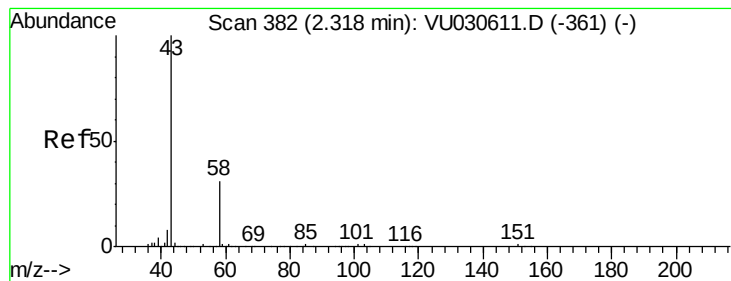
Ion Ratio Lower Upper

53 100

52 123.8 66.2 99.2#

51 13.4 27.3 40.9#





#13

Acetone

Concen: 2.106 ug/l

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

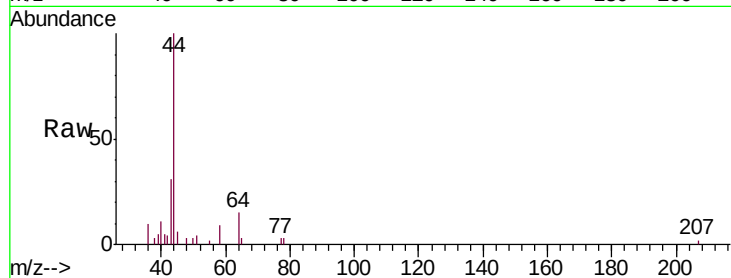
VSTDIC0.5

Tgt Ion: 43 Resp: 3643

Ion Ratio Lower Upper

43 100

58 28.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VU030611.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU030611.D (-361) (-)

2.32

1500

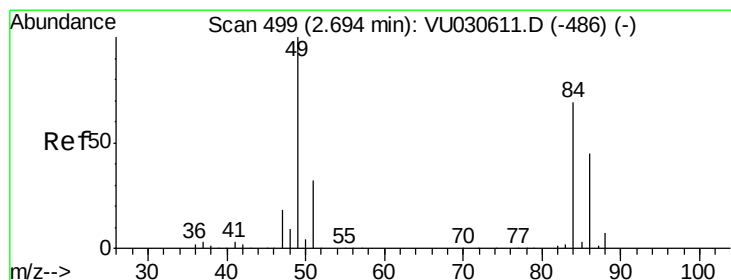
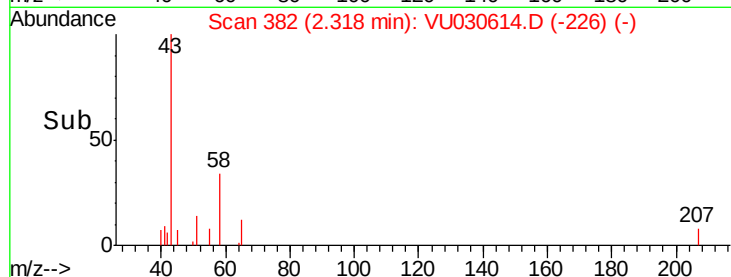
1000

500

0

2.25 2.30 2.35

Time-->



#15

Methylene Chloride

Concen: 0.219 ug/l

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU030614.D

Acq: 02 Apr 2019 21:13

Tgt Ion: 84 Resp: 2192

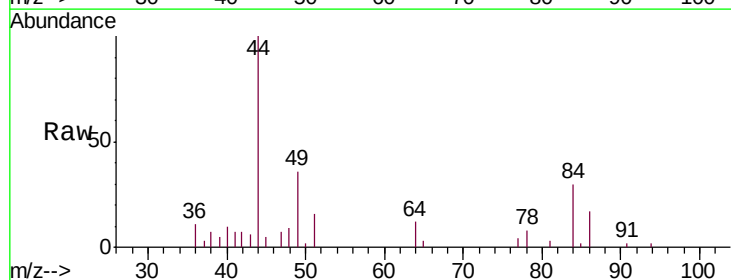
Ion Ratio Lower Upper

84 100

49 119.3 115.4 173.2

51 52.0 0.0 93.4

86 55.3 52.2 78.4



Abundance Ion 84.00 (83.70 to 84.70): VU030611.D (-486) (-)

Ion 49.00 (48.70 to 49.70): VU030611.D (-486) (-)

Ion 51.00 (50.70 to 51.70): VU030611.D (-486) (-)

Ion 86.00 (85.70 to 86.70): VU030611.D (-486) (-)

2500

2000

1500

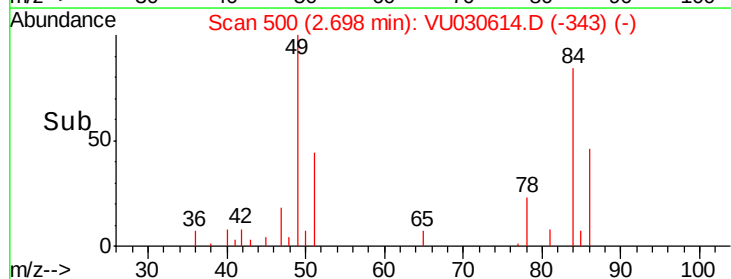
1000

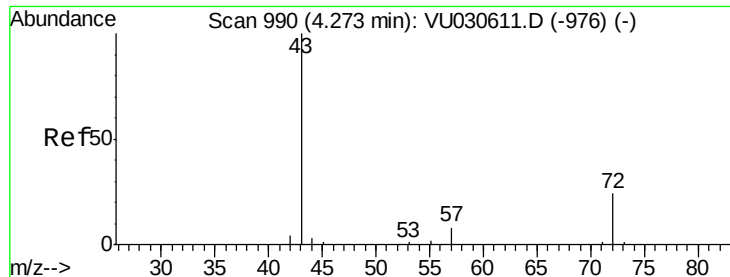
500

0

2.65 2.70 2.75

Time-->

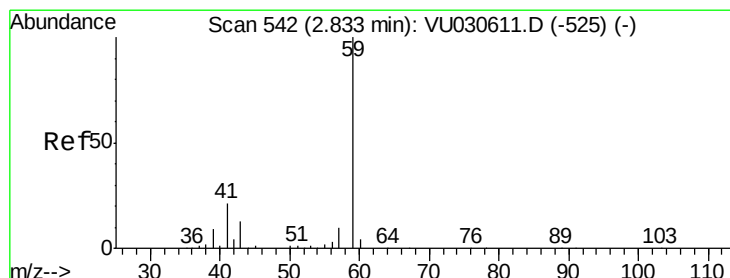
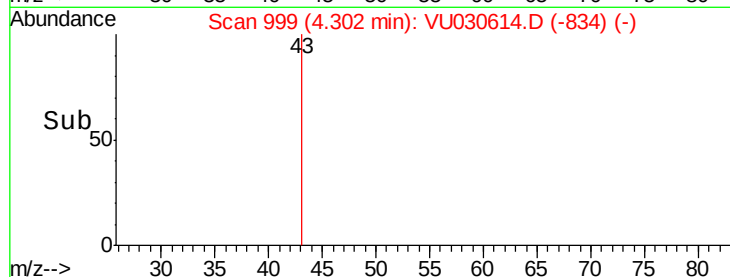
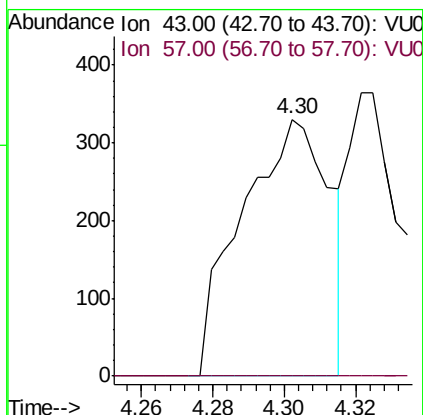
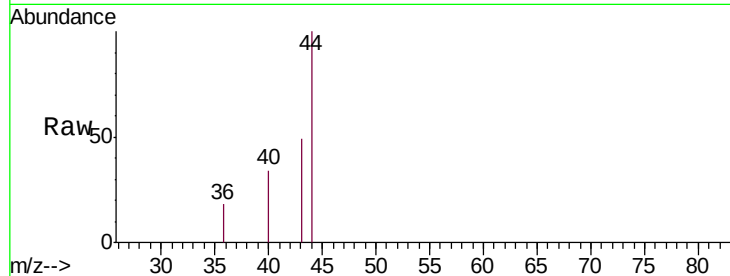




#18
2-Butanone
Concen: 0.233 ug/l
RT: 4.30 min Scan# 999
Delta R.T. 0.03 min
Lab File: VU030614.D
Acq: 02 Apr 2019 21:13

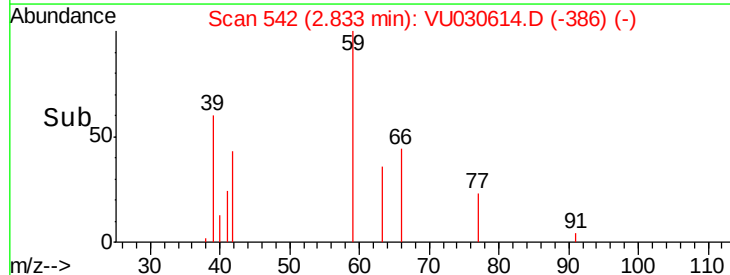
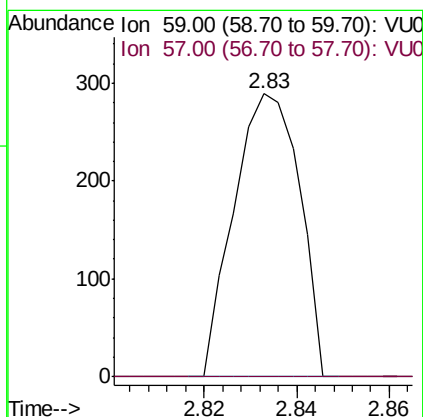
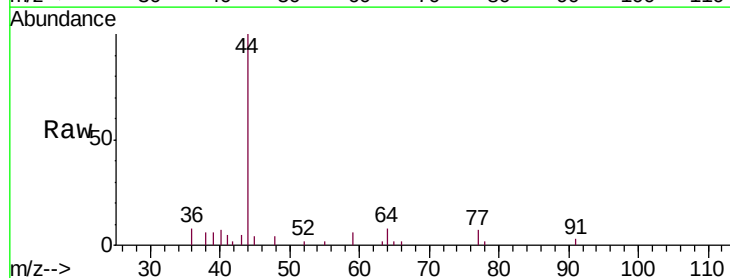
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

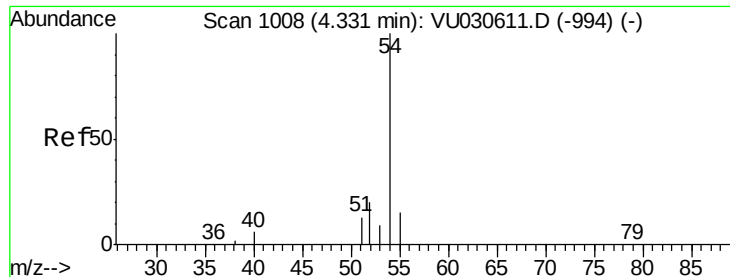
Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
57 0.0 0.0 16.4



#24
tert-Butyl Alcohol
Concen: 0.390 ug/l
RT: 2.83 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU030614.D
Acq: 02 Apr 2019 21:13

Tgt Ion: 59 Resp: 284
Ion Ratio Lower Upper
59 100
57 16.9 8.2 12.4#

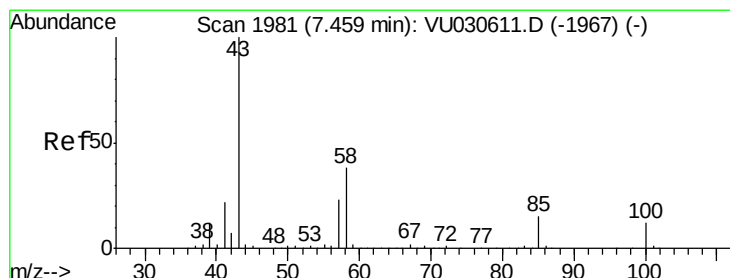
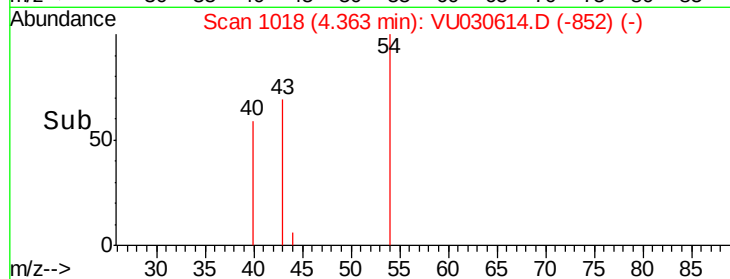
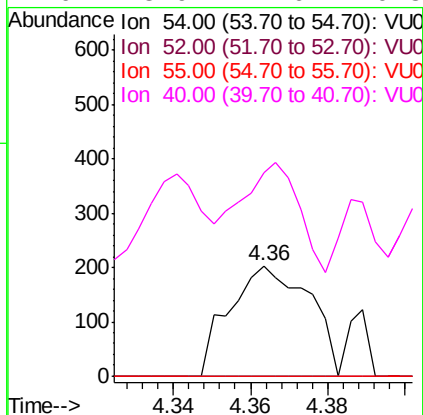
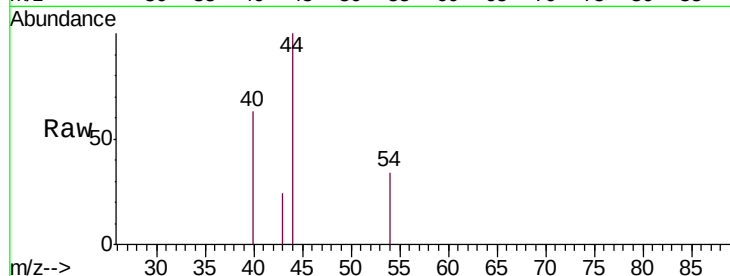




#34
 Propionitrile
 Concen: 0.442 ug/l
 RT: 4.36 min Scan# 1018
 Delta R.T. 0.03 min
 Lab File: VU030614.D
 Acq: 02 Apr 2019 21:13

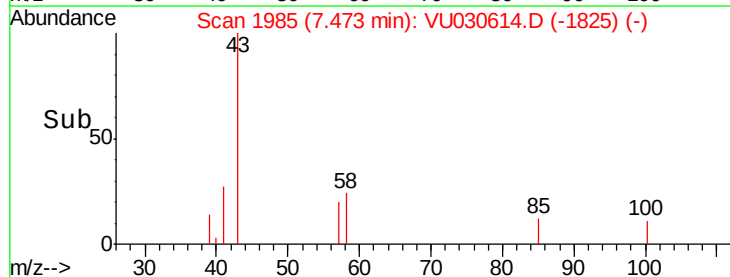
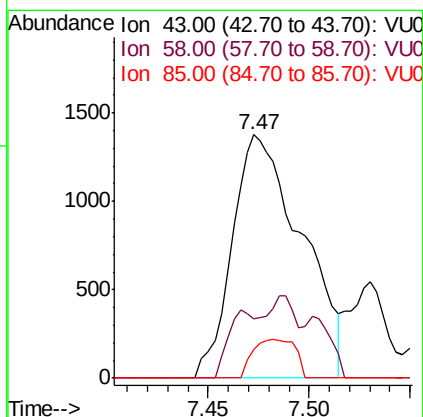
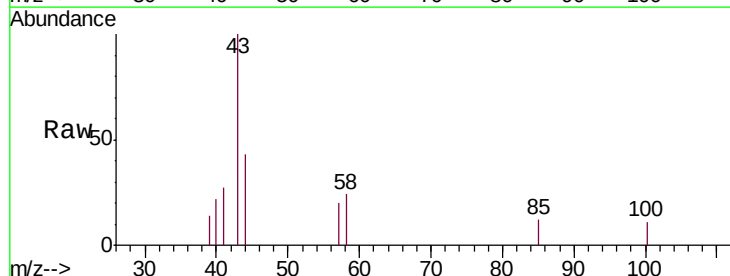
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

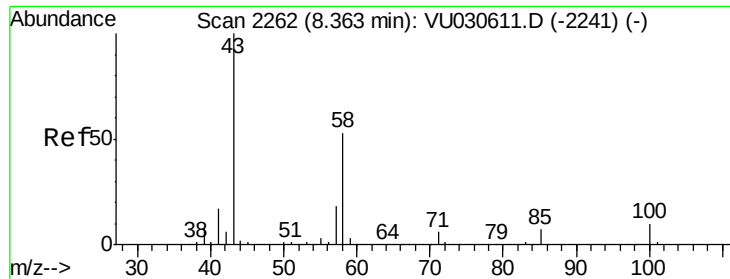
Tgt Ion:	54	Resp:	291
Ion	Ratio	Lower	Upper
54	100		
52	0.0	15.3	22.9#
55	0.0	11.4	17.0#
40	73.9	4.6	6.8#



#45
 4-Methyl-2-Pentanone
 Concen: 0.610 ug/l
 RT: 7.47 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: VU030614.D
 Acq: 02 Apr 2019 21:13

Tgt Ion:	43	Resp:	3304
Ion	Ratio	Lower	Upper
43	100		
58	10.4	18.6	55.8#
85	0.0	11.6	17.4#

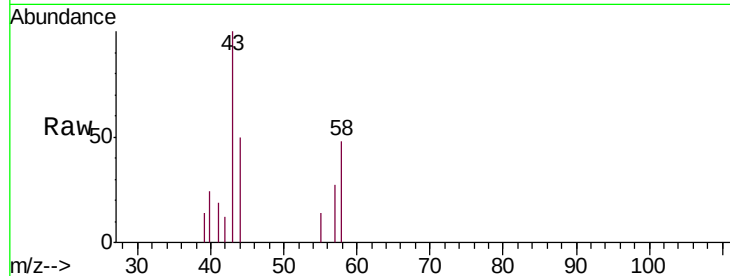




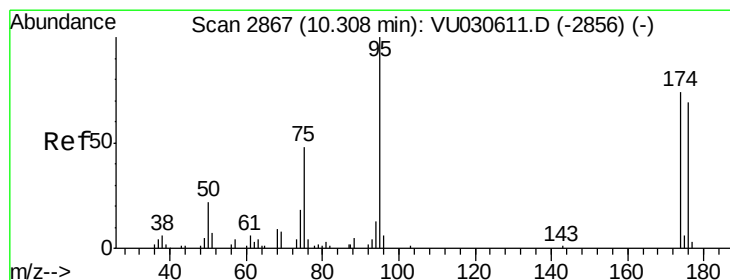
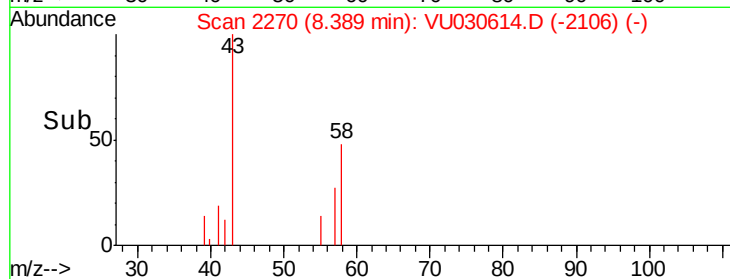
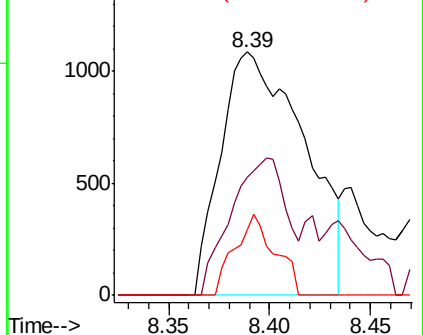
#54
2-Hexanone
Concen: 0.814 ug/l
RT: 8.39 min Scan# 2270
Delta R.T. 0.03 min
Lab File: VU030614.D
Acq: 02 Apr 2019 21:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 3129
Ion Ratio Lower Upper
43 100
58 38.0 33.1 73.1
57 16.0 0.0 38.1

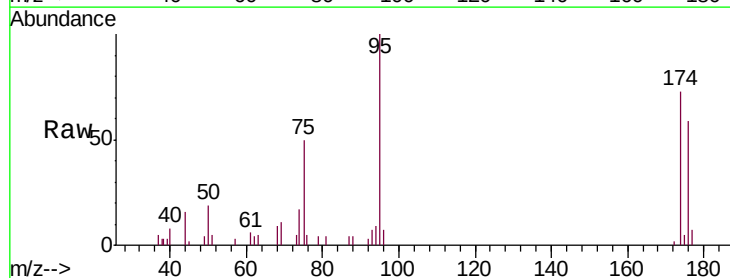


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

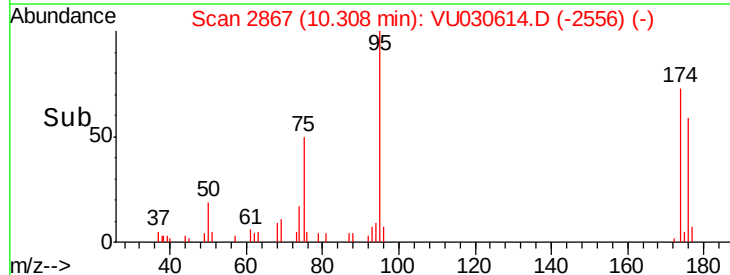
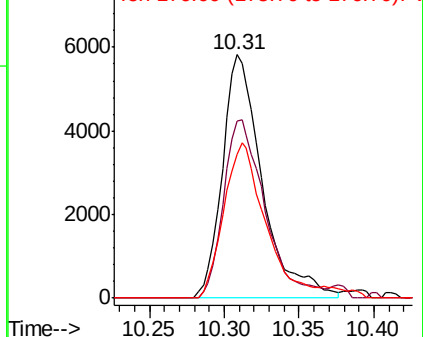


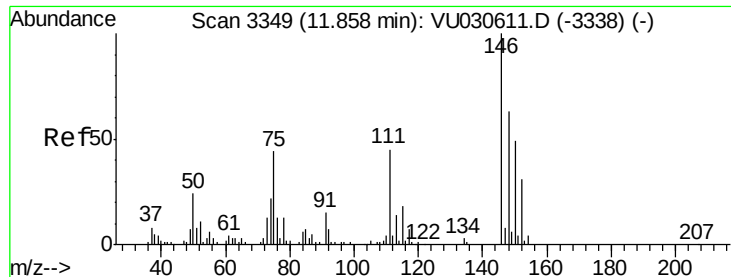
#57
4-Bromofluorobenzene
Concen: Below ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU030614.D
Acq: 02 Apr 2019 21:13

Tgt Ion: 95 Resp: 10802
Ion Ratio Lower Upper
95 100
174 75.9 59.1 88.7
176 65.8 55.7 83.5



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

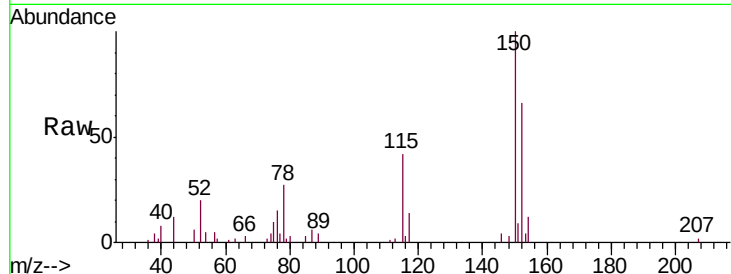




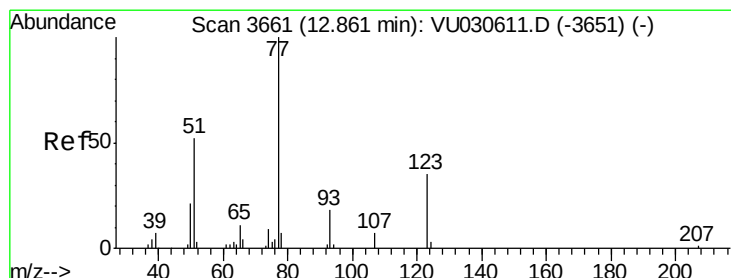
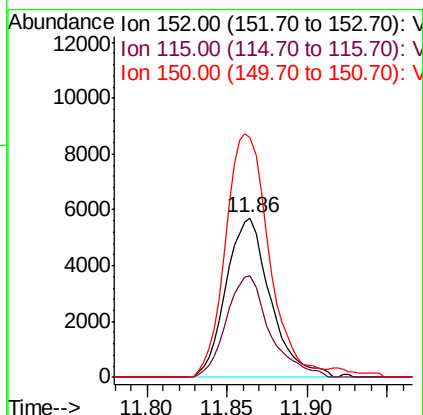
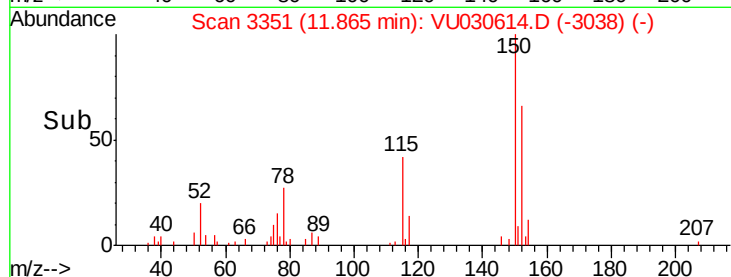
#68
 1,2-Dichlorobenzene-d4
 Concen: N.D. ug/l
 RT: 11.86 min Scan# 3351
 Delta R.T. 0.01 min
 Lab File: VU030614.D
 Acq: 02 Apr 2019 21:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:152 Resp: 10761
 Ion Ratio Lower Upper
 152 100
 115 62.3 0.0 122.4
 150 150.2 0.0 595.2

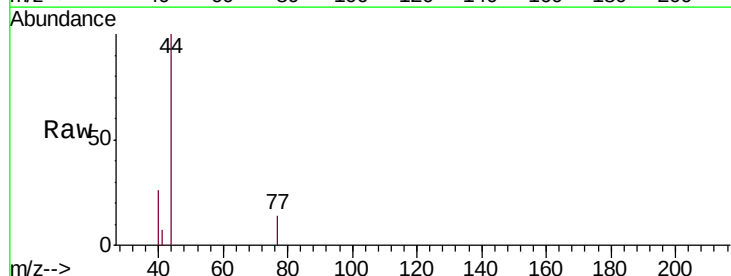


Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V

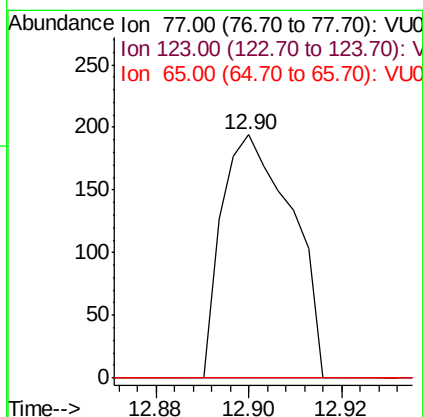
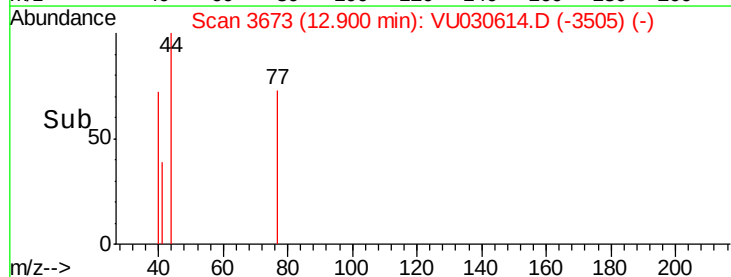


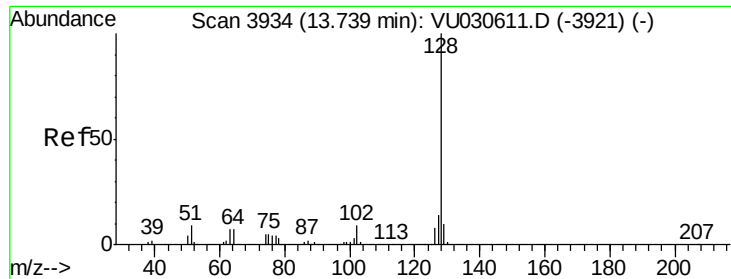
#80
 Nitrobenzene
 Concen: 1.100 ug/l
 RT: 12.90 min Scan# 3673
 Delta R.T. 0.04 min
 Lab File: VU030614.D
 Acq: 02 Apr 2019 21:13

Tgt Ion: 77 Resp: 203
 Ion Ratio Lower Upper
 77 100
 123 0.0 16.5 58.5#
 65 0.0 11.2 14.2#



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





#89

Naphthalene

Concen: 0.432 ug/l

RT: 13.75 min Scan# 3938

Delta R.T. 0.01 min

Lab File: VU030614.D

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Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

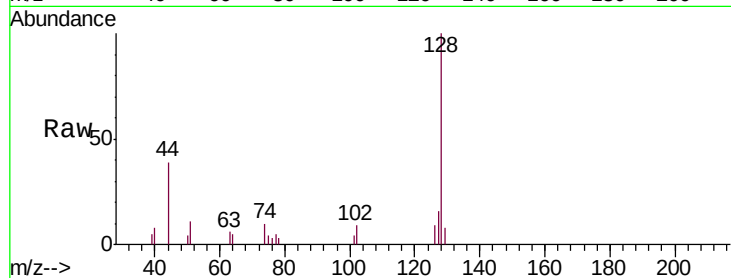
Tgt Ion:128 Resp: 9752

Ion Ratio Lower Upper

128 100

127 9.8 10.7 16.1#

129 5.9 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

