

Data File : VU025633.D
Acq On : 25 Jul 2018 12:46
Operator : MD/SY
Sample : VU0725WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBL01

Quant Time: Jul 26 02:22:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration

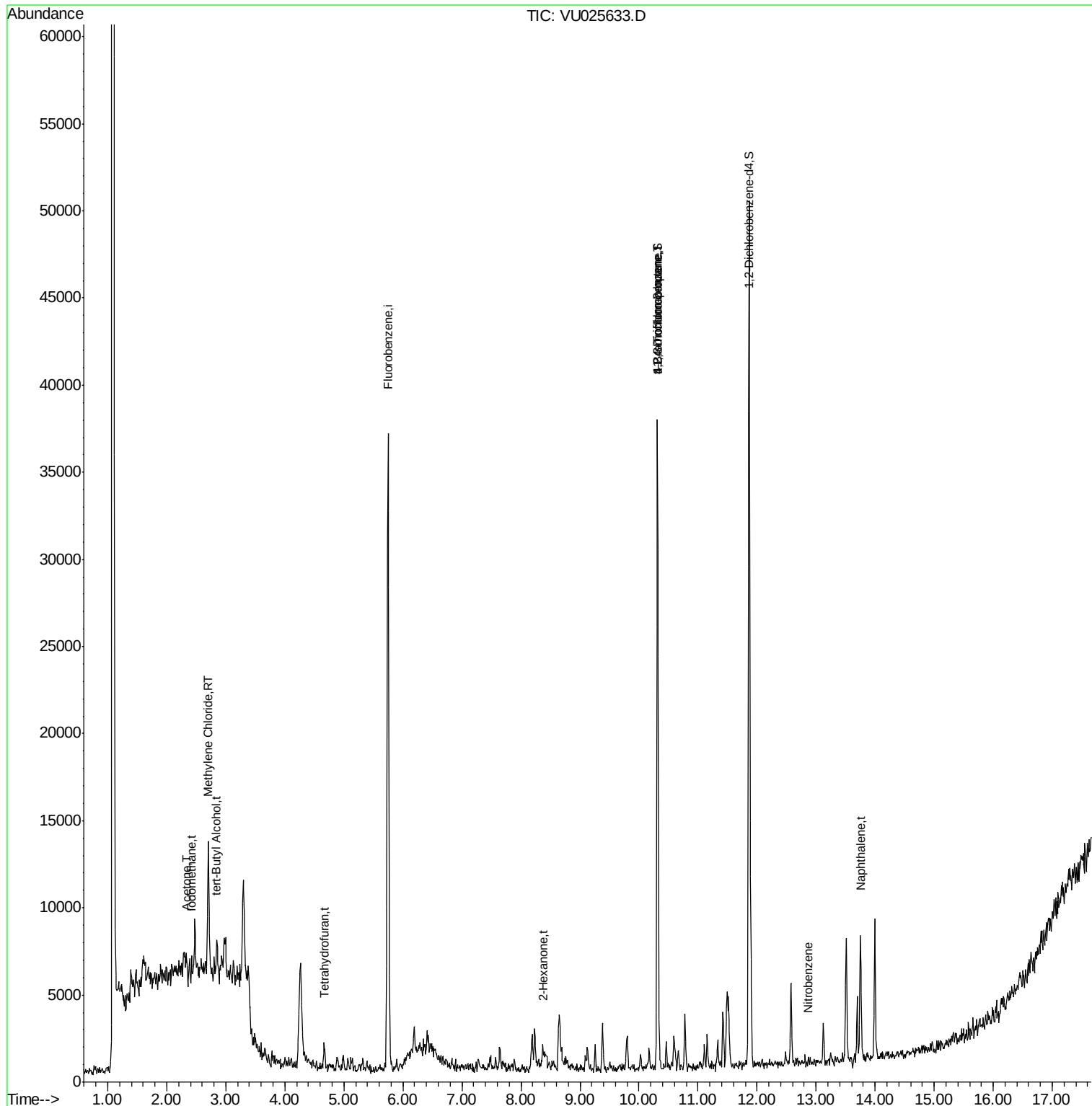
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.75	96	35639	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	12433	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
68) 1,2-Dichlorobenzene-d4	11.87	152	13925	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
Target Compounds						
					Qvalue	
10) Iodomethane	2.42	142	67	0.845	ug/l #	33
13) Acetone	2.34	43	899	0.597	ug/l	94
15) Methylene Chloride	2.70	84	2954	0.315	ug/l	98
24) tert-Butyl Alcohol	2.84	59	788	1.127	ug/l #	87
41) Tetrahydrofuran	4.66	42	441	0.223	ug/l #	83
46) t-1,4-Dichloro-2-butene	10.31	75	6378	3.812	ug/l #	13
54) 2-Hexanone	8.38	43	928	0.219	ug/l #	78
71) 1,2,3-Trichloropropane	10.31	75	6378	0.903	ug/l #	44
80) Nitrobenzene	12.87	77	171	0.620	ug/l #	40
89) Naphthalene	13.75	128	7060	0.273	ug/l	97
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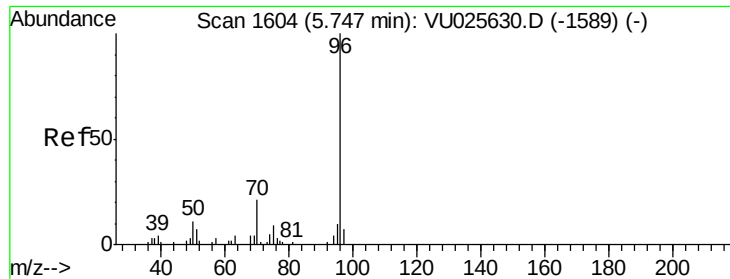
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU025633.D

Acq: 25 Jul 2018 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBL01

Tgt Ion: 96 Resp: 35639

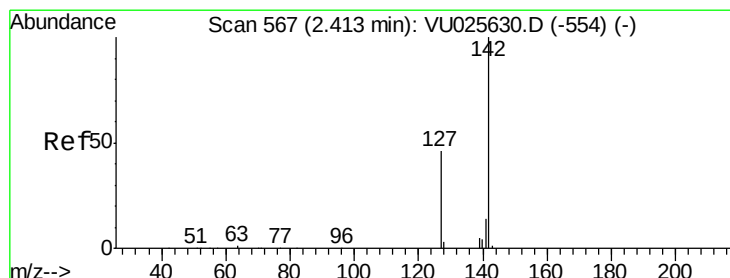
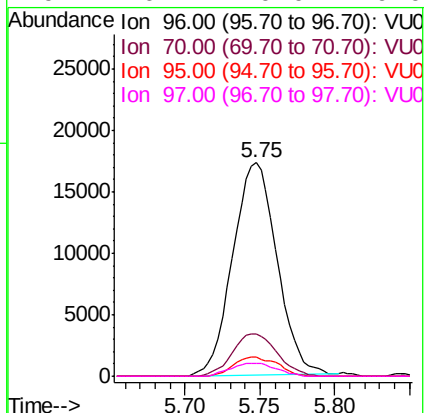
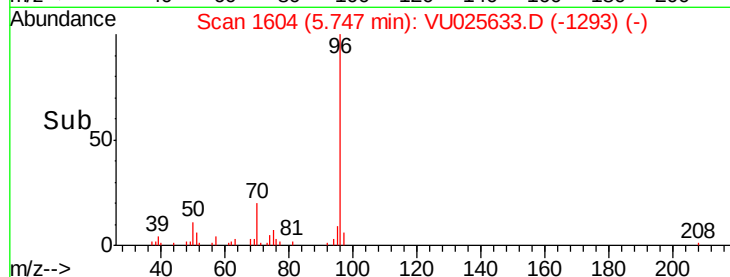
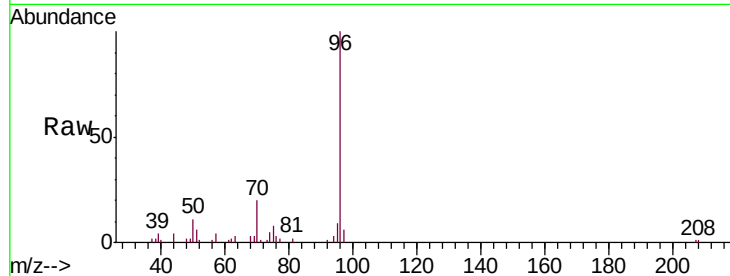
Ion Ratio Lower Upper

96 100

70 20.2 16.2 24.4

95 9.0 6.9 10.3

97 6.4 0.0 0.0#



#10

Iodomethane

Concen: 0.845 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU025633.D

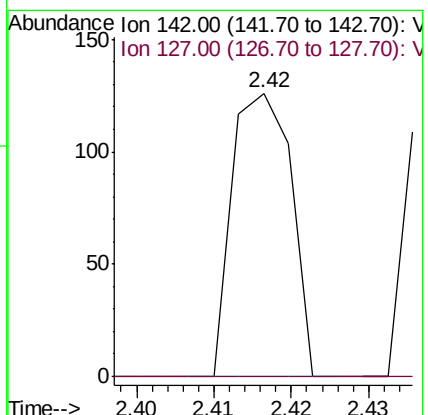
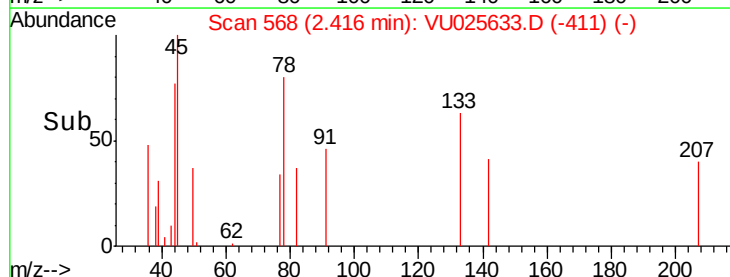
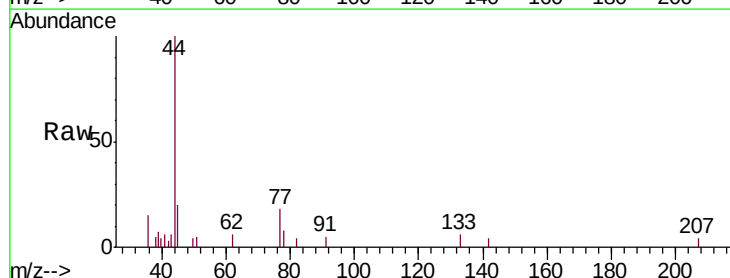
Acq: 25 Jul 2018 12:46

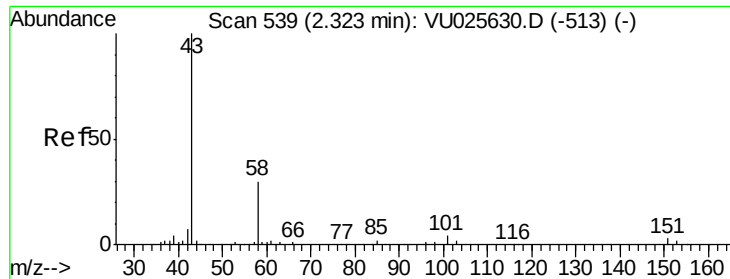
Tgt Ion: 142 Resp: 67

Ion Ratio Lower Upper

142 100

127 0.0 34.5 51.7#





#13

Acetone

Concen: 0.597 ug/l

RT: 2.34 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU025633.D

Acq: 25 Jul 2018 12:46

Instrument :

MSVOA_U

ClientSampleId :

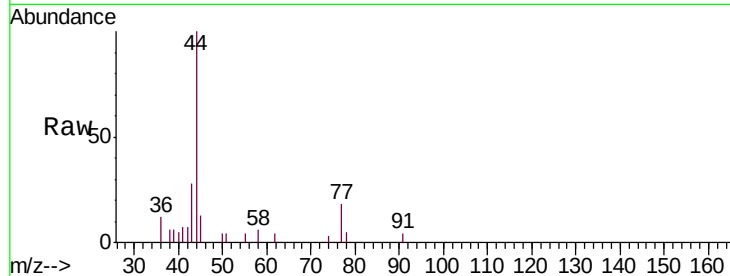
VU0725WBL01

Tgt Ion: 43 Resp: 899

Ion Ratio Lower Upper

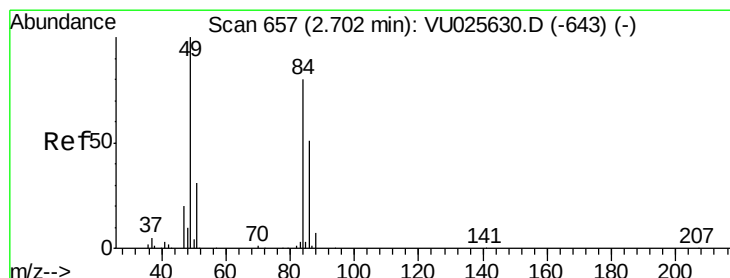
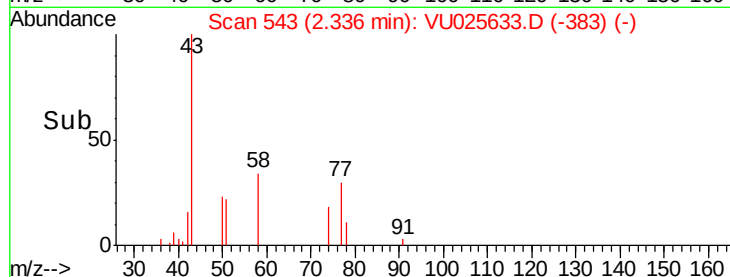
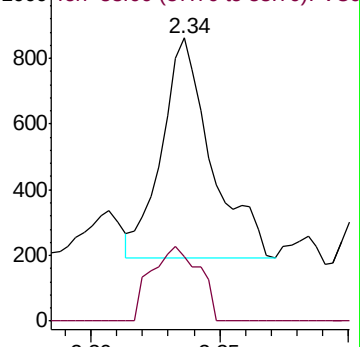
43 100

58 29.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methylene Chloride

Concen: 0.315 ug/l

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU025633.D

Acq: 25 Jul 2018 12:46

Tgt Ion: 84 Resp: 2954

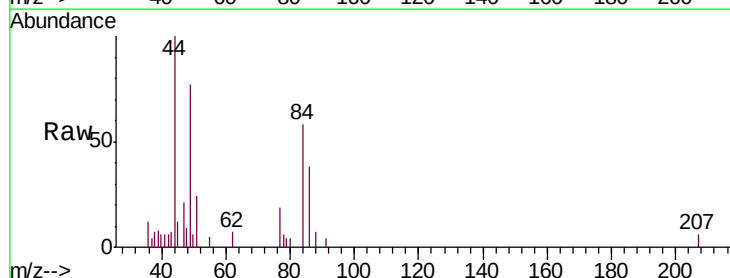
Ion Ratio Lower Upper

84 100

49 132.6 108.7 163.1

51 41.1 0.0 82.4

86 66.0 50.7 76.1

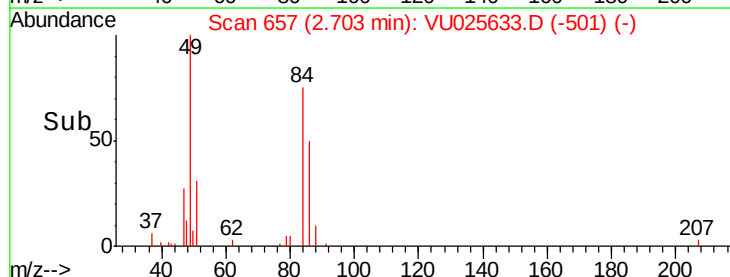
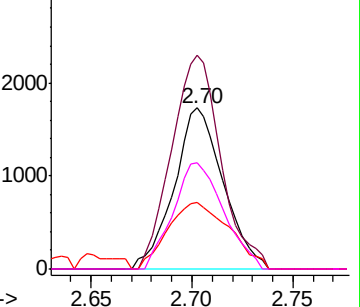


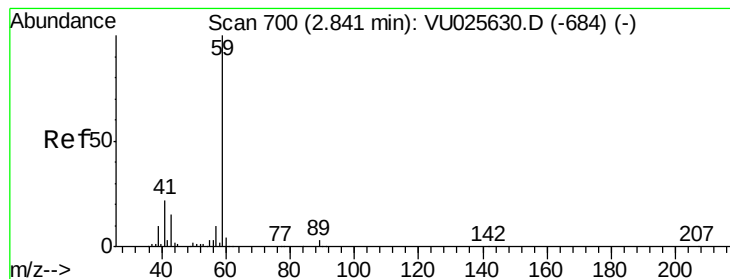
Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0





#24

tert-Butyl Alcohol

Concen: 1.127 ug/l

RT: 2.84 min Scan# 699

Delta R.T. -0.00 min

Lab File: VU025633.D

Acq: 25 Jul 2018 12:46

Instrument :

MSVOA_U

ClientSampleId :

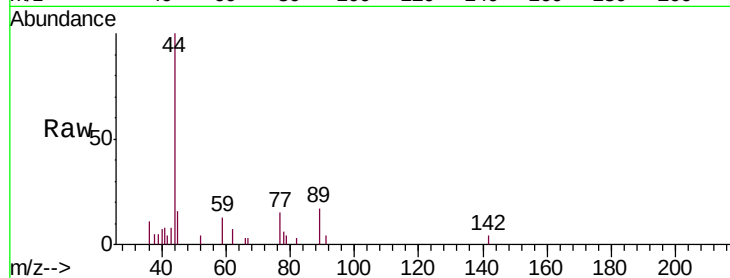
VU0725WBL01

Tgt Ion: 59 Resp: 788

Ion Ratio Lower Upper

59 100

57 0.0 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.84

400

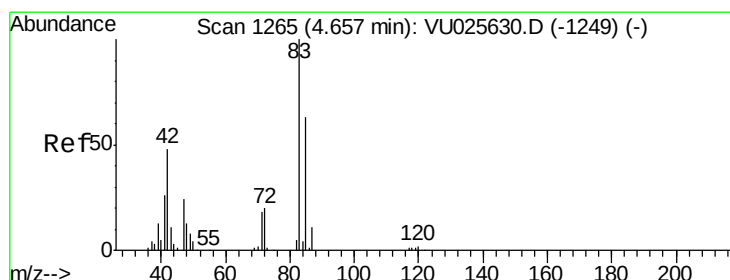
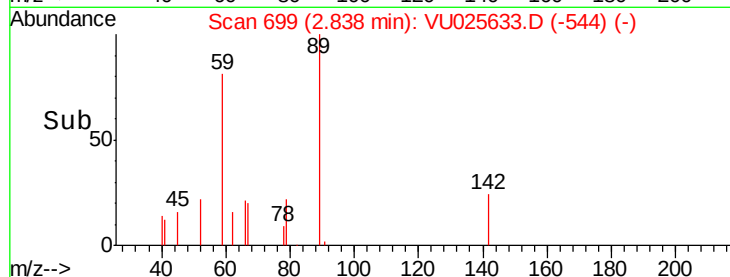
300

200

100

0

Time-->



#41

Tetrahydrofuran

Concen: 0.223 ug/l

RT: 4.66 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VU025633.D

Acq: 25 Jul 2018 12:46

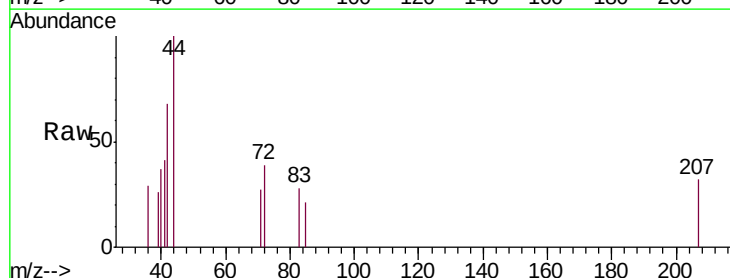
Tgt Ion: 42 Resp: 441

Ion Ratio Lower Upper

42 100

72 41.7 33.2 49.8

71 16.1 29.8 44.8#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

4.66

400

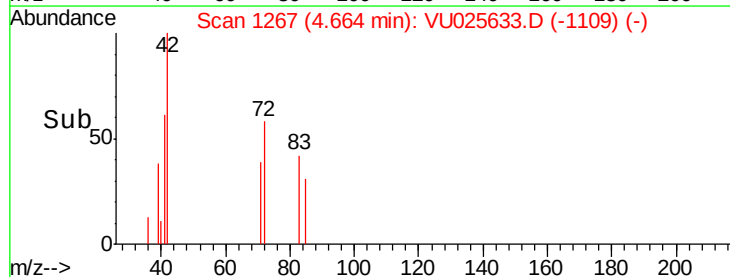
300

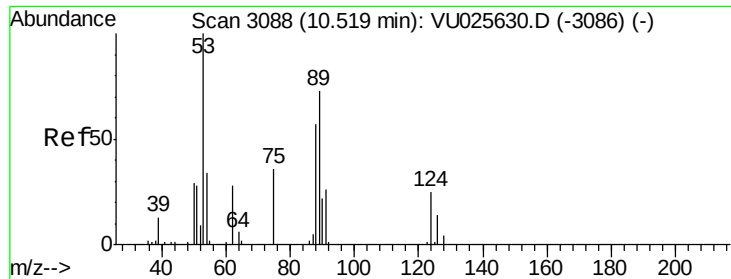
200

100

0

Time-->

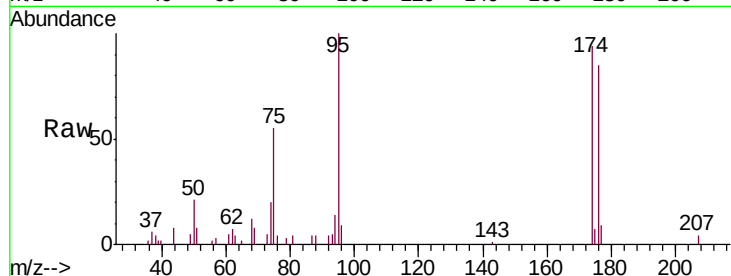




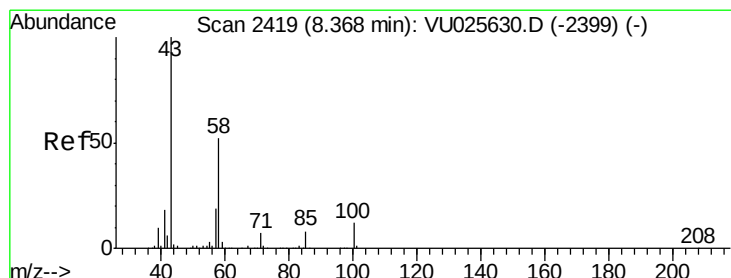
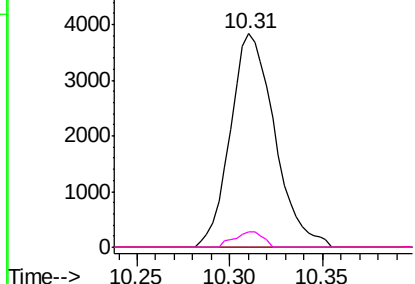
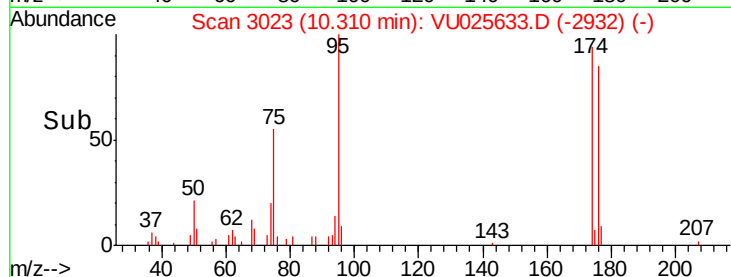
#46
t-1,4-Dichloro-2-butene
Concen: 3.812 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.21 min
Lab File: VU025633.D
Acq: 25 Jul 2018 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBL01

Tgt Ion: 75 Resp: 6378
Ion Ratio Lower Upper
75 100
53 0.0 82.2 123.4#
89 0.0 51.3 76.9#
88 4.6 37.4 56.2#

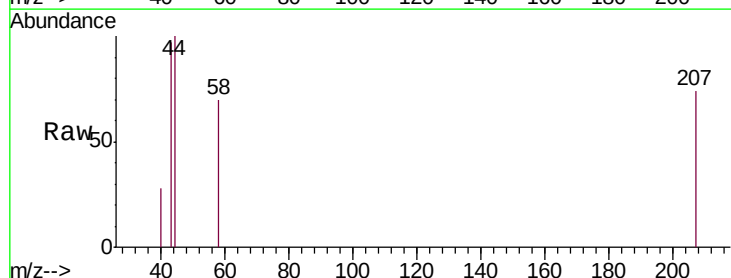


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

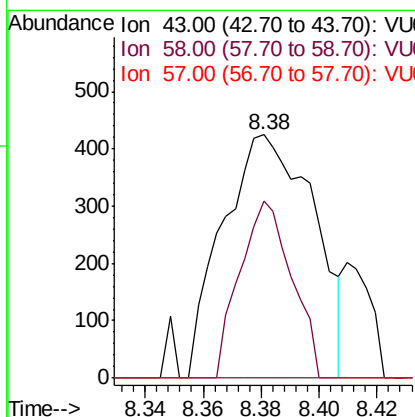
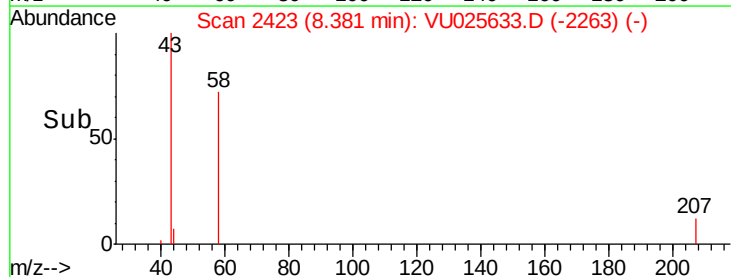


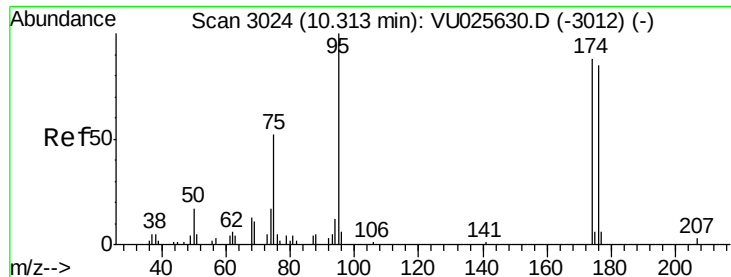
#54
2-Hexanone
Concen: 0.219 ug/l
RT: 8.38 min Scan# 2423
Delta R.T. 0.01 min
Lab File: VU025633.D
Acq: 25 Jul 2018 12:46

Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 41.4 32.5 72.5
57 0.0 0.0 37.9



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

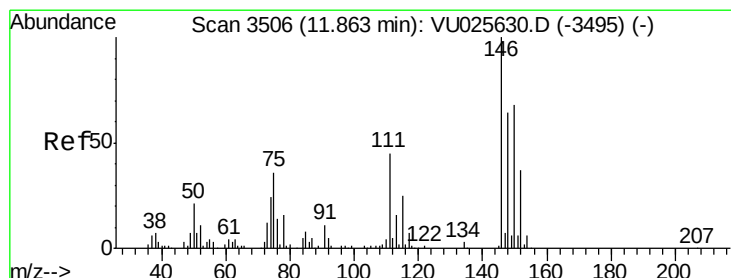
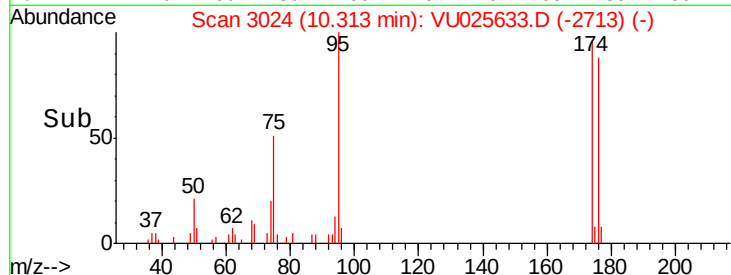
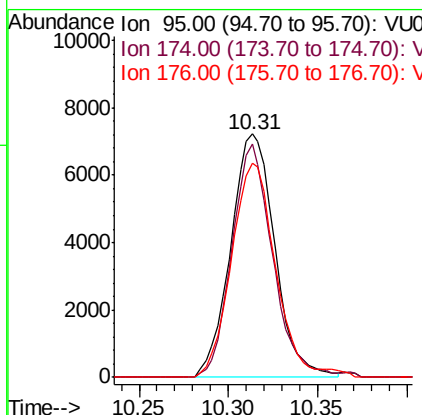
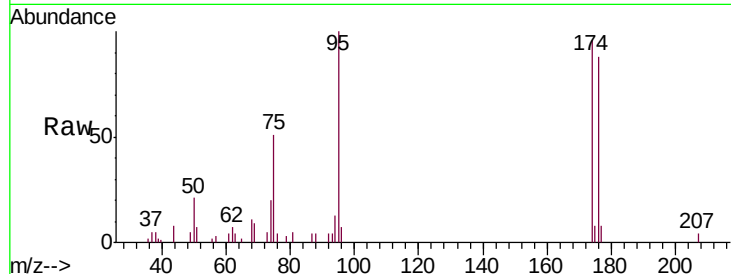




#57
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 10.31 min Scan# 3024
 Delta R.T. 0.00 min
 Lab File: VU025633.D
 Acq: 25 Jul 2018 12:46

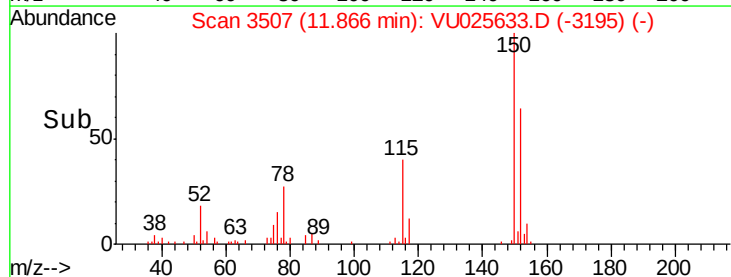
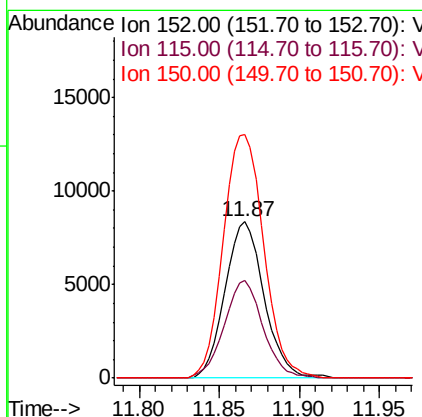
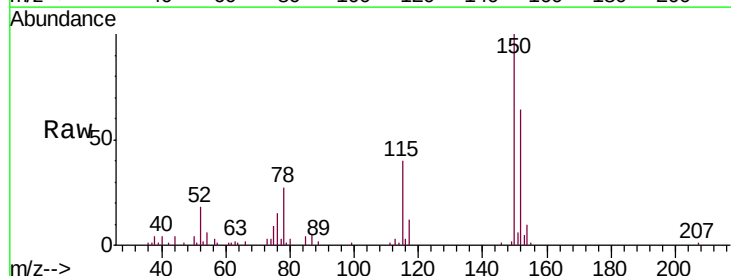
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBL01

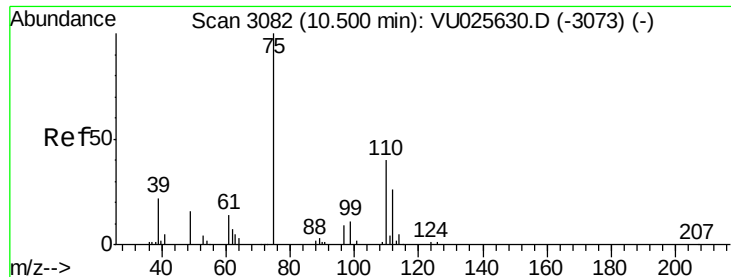
Tgt Ion: 95 Resp: 12433
 Ion Ratio Lower Upper
 95 100
 174 88.2 65.6 98.4
 176 86.7 62.0 93.0



#68
 1,2-Dichlorobenzene-d4
 Concen: N.D. ug/l
 RT: 11.87 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VU025633.D
 Acq: 25 Jul 2018 12:46

Tgt Ion: 152 Resp: 13925
 Ion Ratio Lower Upper
 152 100
 115 62.1 0.0 118.8
 150 161.1 0.0 0.0#

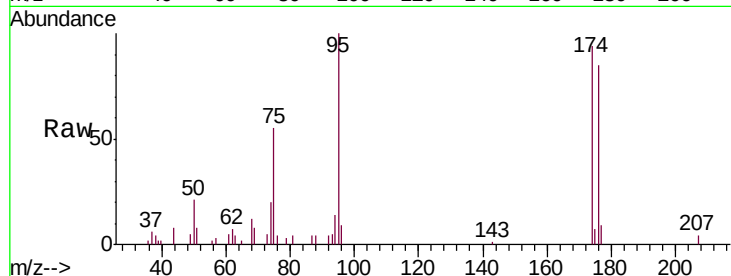




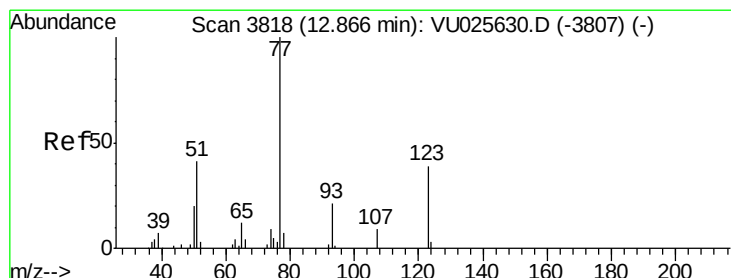
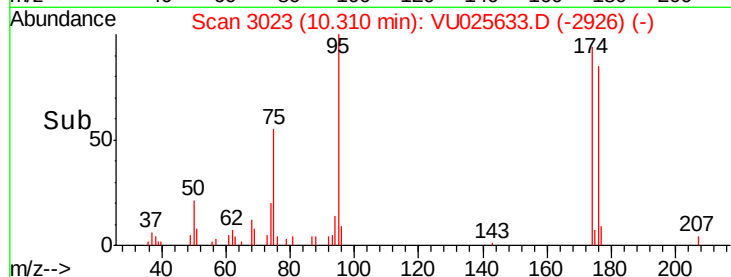
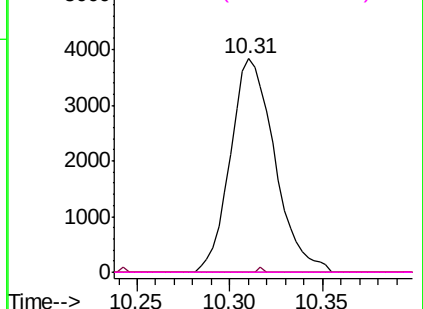
#71
 1,2,3-Trichloropropane
 Concen: 0.903 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025633.D
 Acq: 25 Jul 2018 12:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBL01

Tgt Ion: 75 Resp: 6378
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#
 110 0.0 0.0 74.0
 97 0.0 0.0 39.6

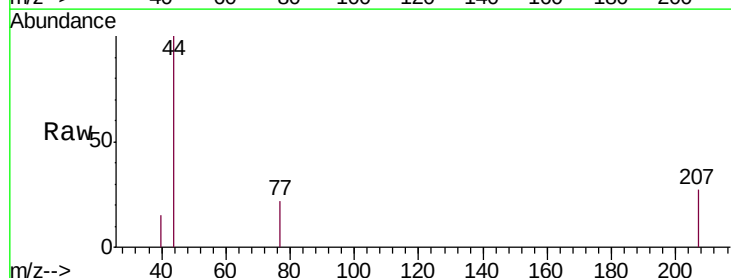


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

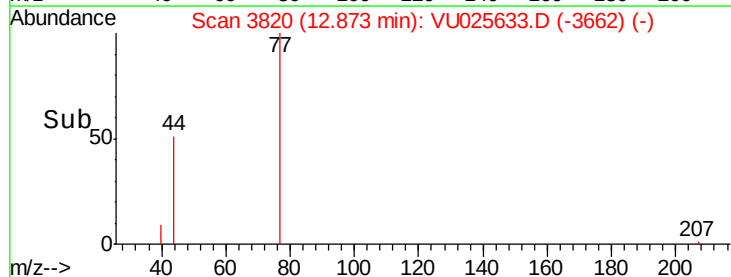
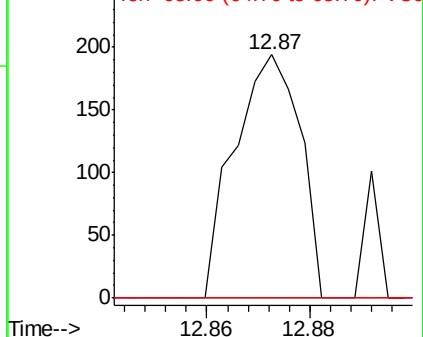


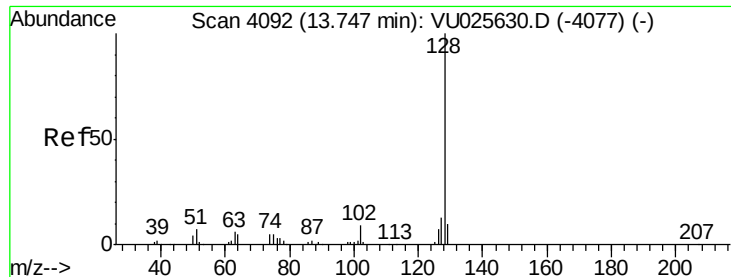
#80
 Nitrobenzene
 Concen: 0.620 ug/l
 RT: 12.87 min Scan# 3820
 Delta R.T. 0.01 min
 Lab File: VU025633.D
 Acq: 25 Jul 2018 12:46

Tgt Ion: 77 Resp: 171
 Ion Ratio Lower Upper
 77 100
 123 0.0 19.4 68.6#
 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: 0.273 ug/l

RT: 13.75 min Scan# 4093

Delta R.T. 0.00 min

Lab File: VU025633.D

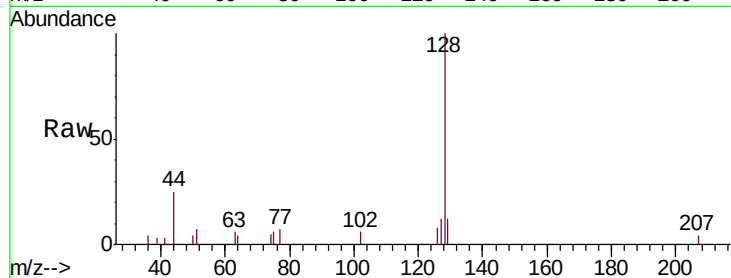
Acq: 25 Jul 2018 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBL01



Tgt Ion:128 Resp: 7060

Ion Ratio Lower Upper

128 100

127 11.0 10.5 15.7

129 11.0 8.7 13.1

