

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080318\
 Data File : VU025813.D
 Acq On : 03 Aug 2018 12:14
 Operator : MD/SY
 Sample : VU0803WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0803WBL01

Quant Time: Aug 04 05:30:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 27 15:10:58 2018
 Response via : Initial Calibration

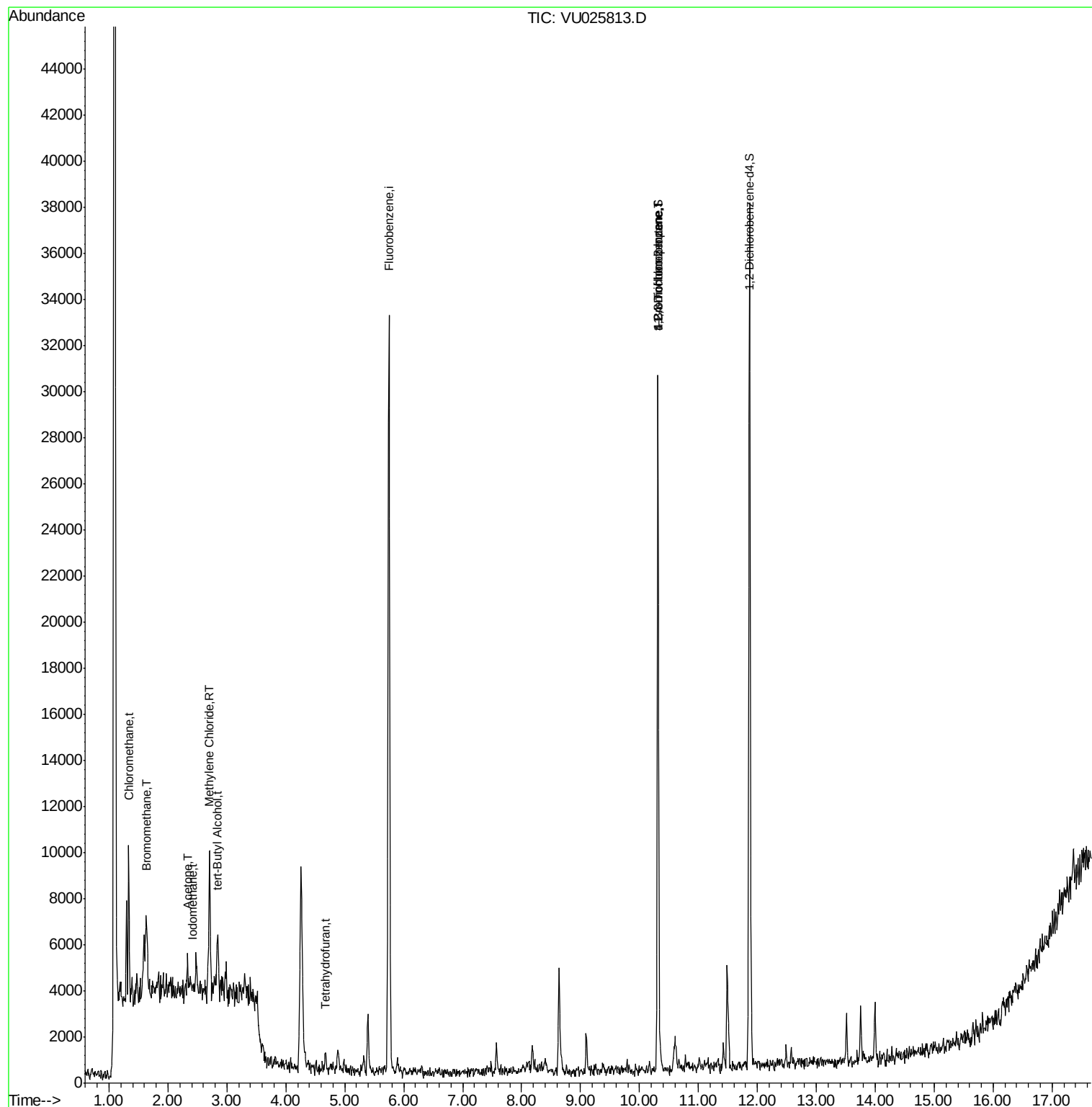
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.74	96	31482	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	10195	0.87	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	11114	0.86	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.00%	
Target Compounds						Qvalue
3) Chloromethane	1.33	50	5532	0.521	ug/l	93
5) Bromomethane	1.63	94	1070	0.224	ug/l	82
10) Iodomethane	2.42	142	506	0.906	ug/l	98
13) Acetone	2.33	43	932	0.700	ug/l #	79
15) Methylene Chloride	2.70	84	2333	0.282	ug/l #	88
24) tert-Butyl Alcohol	2.85	59	1417	2.295	ug/l #	91
41) Tetrahydrofuran	4.66	42	385	0.221	ug/l #	45
46) t-1,4-Dichloro-2-butene	10.31	75	5602	3.799	ug/l #	13
71) 1,2,3-Trichloropropane	10.31	75	5602	0.898	ug/l #	44
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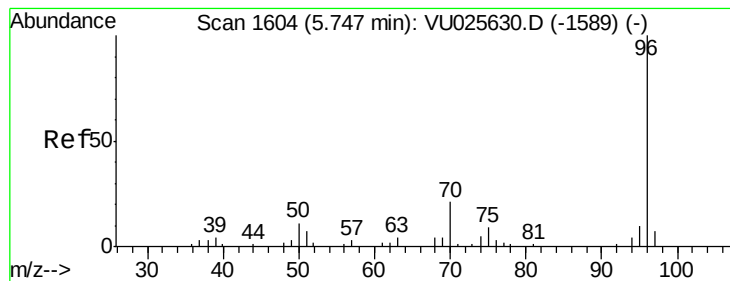
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VU025813.D

Acq: 03 Aug 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

VU0803WBL01

Tgt Ion: 96 Resp: 31482

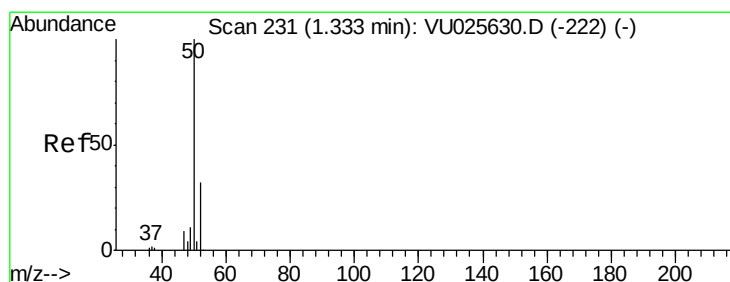
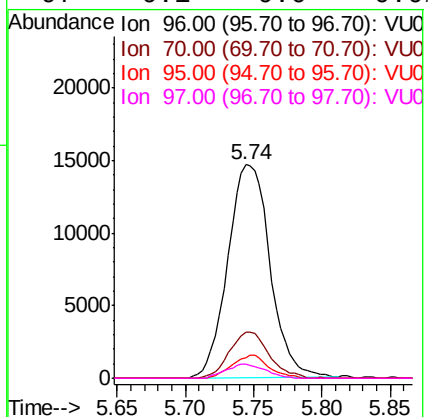
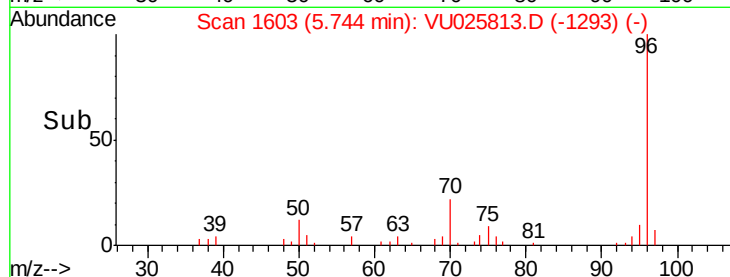
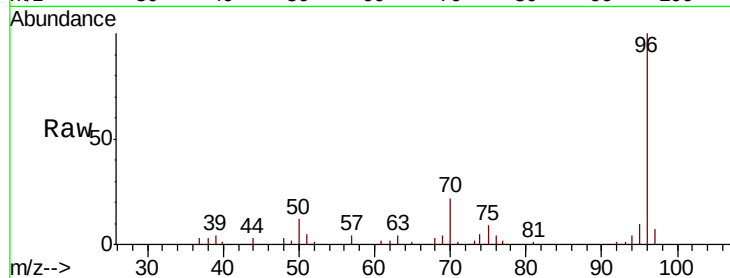
Ion Ratio Lower Upper

96 100

70 20.3 16.2 24.4

95 9.4 6.9 10.3

97 6.1 0.0 0.0#



#3

Chloromethane

Concen: 0.521 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025813.D

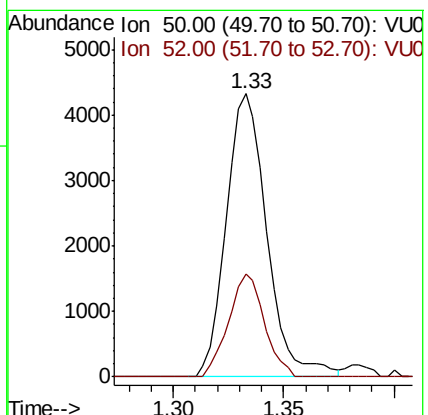
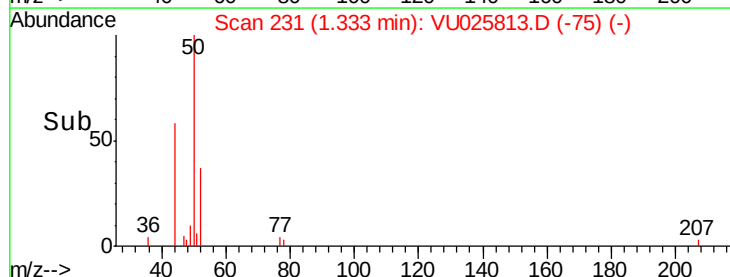
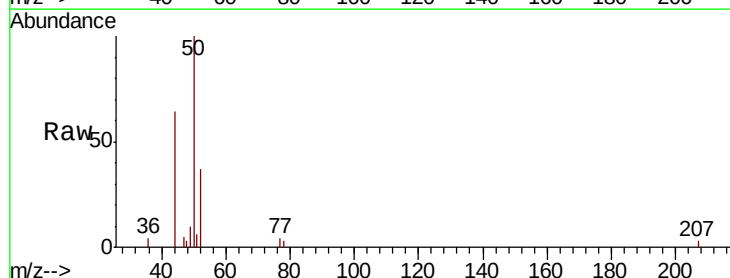
Acq: 03 Aug 2018 12:14

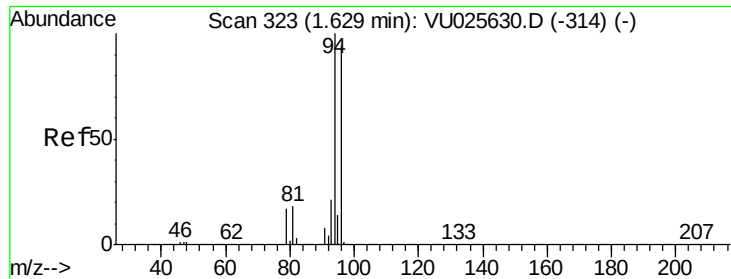
Tgt Ion: 50 Resp: 5532

Ion Ratio Lower Upper

50 100

52 36.5 26.0 39.0





#5

Bromomethane

Concen: 0.224 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU025813.D

Acq: 03 Aug 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

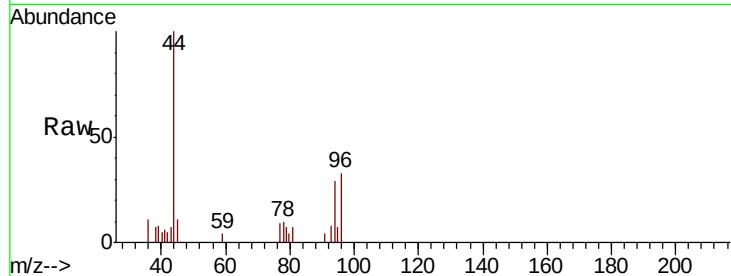
VU0803WBL01

Tgt Ion: 94 Resp: 1070

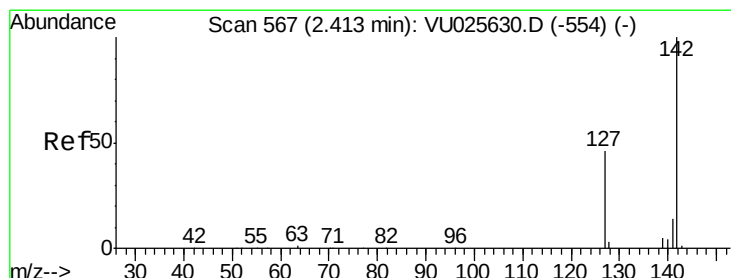
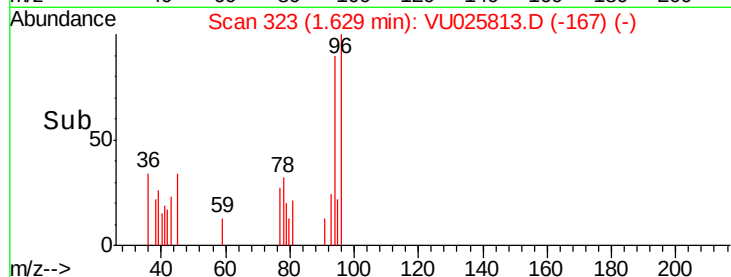
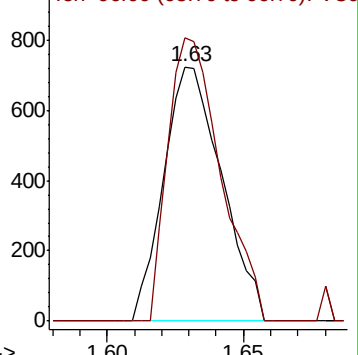
Ion Ratio Lower Upper

94 100

96 111.2 75.1 112.7



Abundance Ion 94.00 (93.70 to 94.70): VU025813.D (-167) (-)



#10

Iodomethane

Concen: 0.906 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU025813.D

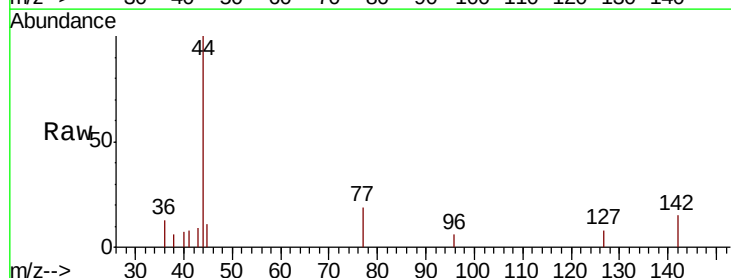
Acq: 03 Aug 2018 12:14

Tgt Ion: 142 Resp: 506

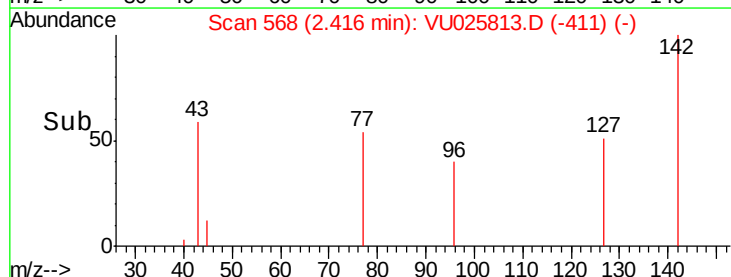
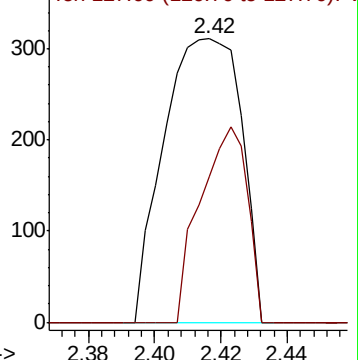
Ion Ratio Lower Upper

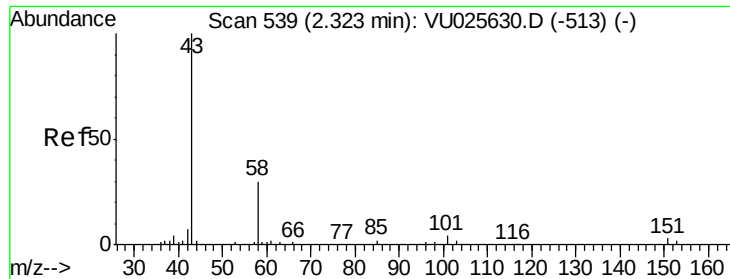
142 100

127 41.7 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): VU025813.D (-411) (-)





#13

Acetone

Concen: 0.700 ug/l

RT: 2.33 min Scan# 542

Delta R.T. 0.01 min

Lab File: VU025813.D

Acq: 03 Aug 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

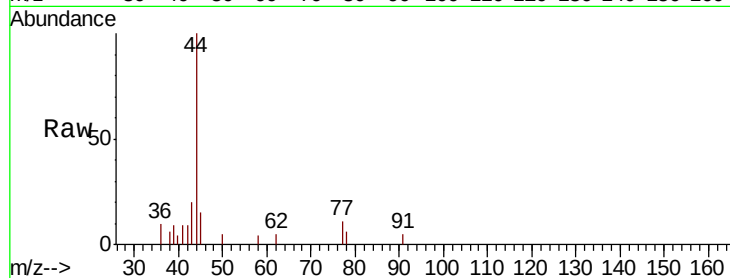
VU0803WBL01

Tgt Ion: 43 Resp: 932

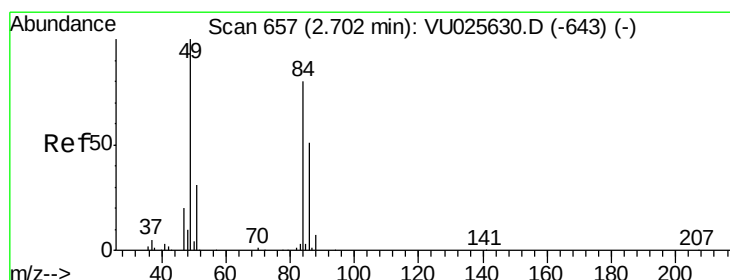
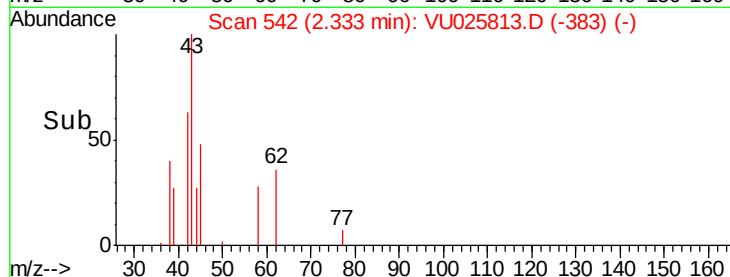
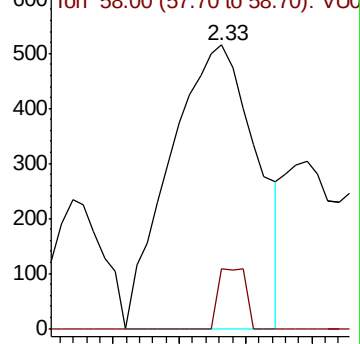
Ion Ratio Lower Upper

43 100

58 21.0 26.0 39.0#



Abundance Ion 43.00 (42.70 to 43.70): VU025630.D (-513) (-)



#15

Methylene Chloride

Concen: 0.282 ug/l

RT: 2.70 min Scan# 656

Delta R.T. -0.00 min

Lab File: VU025813.D

Acq: 03 Aug 2018 12:14

Tgt Ion: 84 Resp: 2333

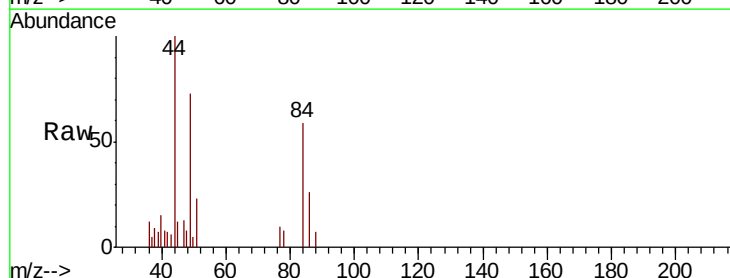
Ion Ratio Lower Upper

84 100

49 124.4 108.7 163.1

51 39.7 0.0 82.4

86 44.8 50.7 76.1#

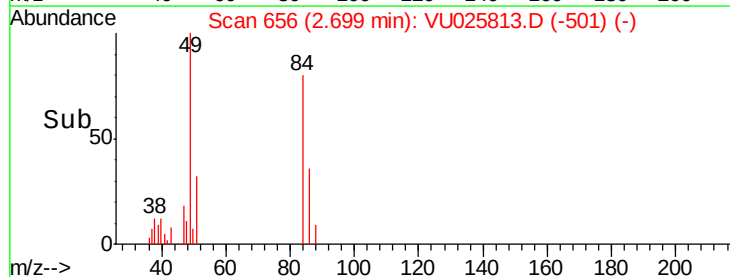
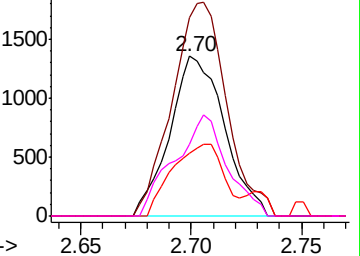


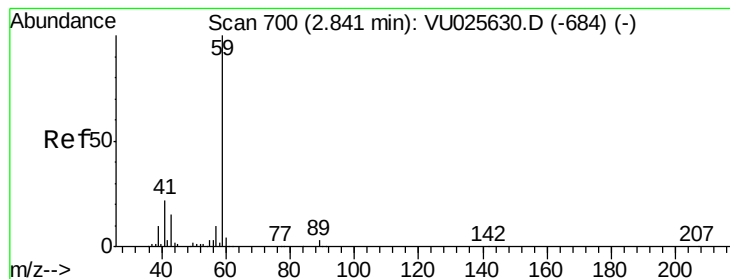
Abundance Ion 84.00 (83.70 to 84.70): VU025630.D (-643) (-)

Ion 49.00 (48.70 to 49.70): VU025630.D (-643) (-)

Ion 51.00 (50.70 to 51.70): VU025630.D (-643) (-)

Ion 86.00 (85.70 to 86.70): VU025630.D (-643) (-)





#24

tert-Butyl Alcohol

Concen: 2.295 ug/l

RT: 2.85 min Scan# 702

Delta R.T. 0.01 min

Lab File: VU025813.D

Acq: 03 Aug 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

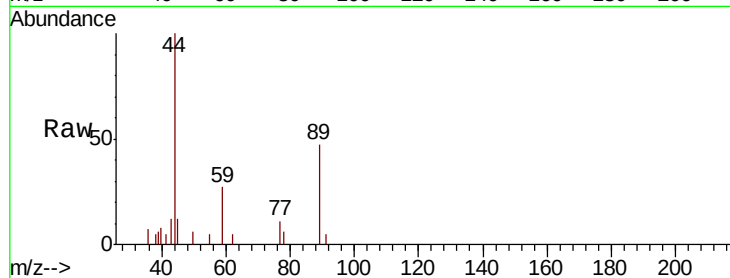
VU0803WBL01

Tgt Ion: 59 Resp: 1417

Ion Ratio Lower Upper

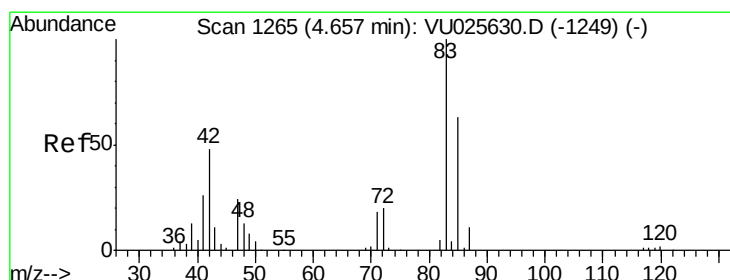
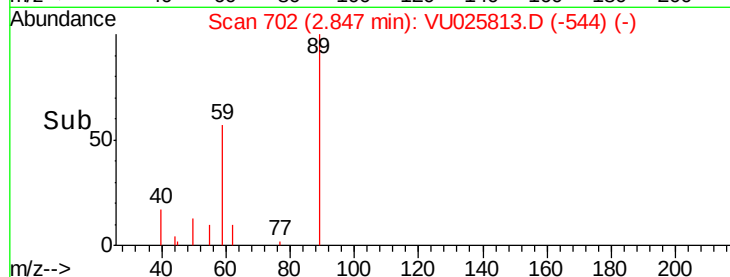
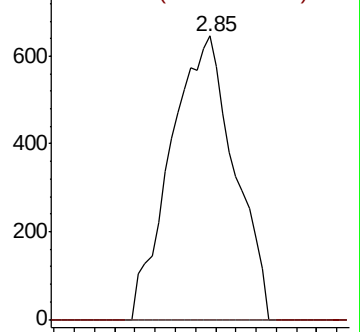
59 100

57 1.5 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#41

Tetrahydrofuran

Concen: 0.221 ug/l

RT: 4.66 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VU025813.D

Acq: 03 Aug 2018 12:14

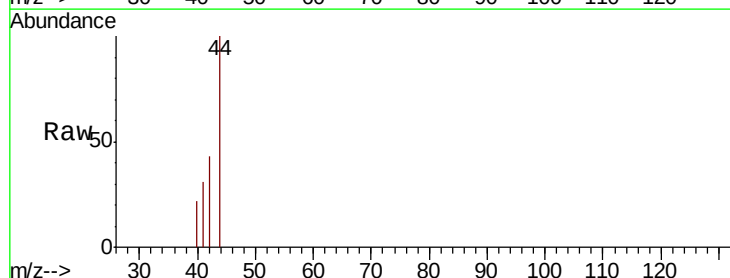
Tgt Ion: 42 Resp: 385

Ion Ratio Lower Upper

42 100

72 10.6 33.2 49.8#

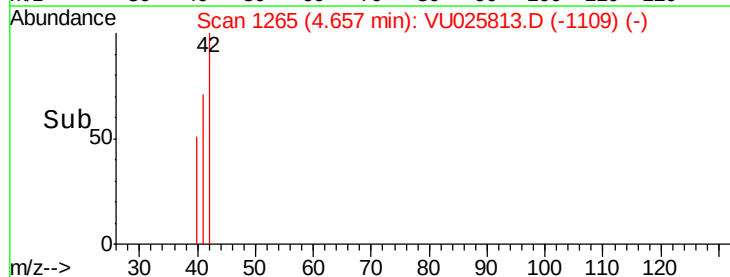
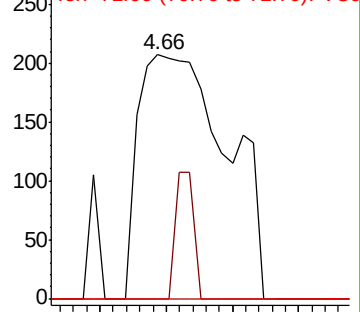
71 0.0 29.8 44.8#

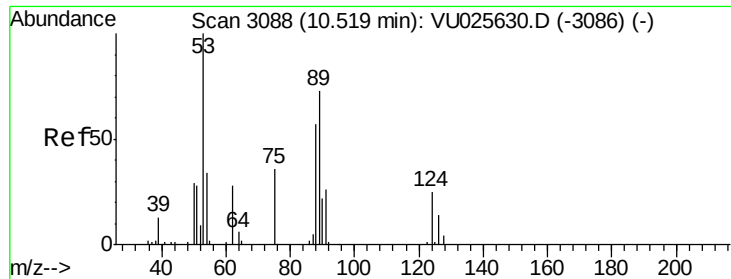


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

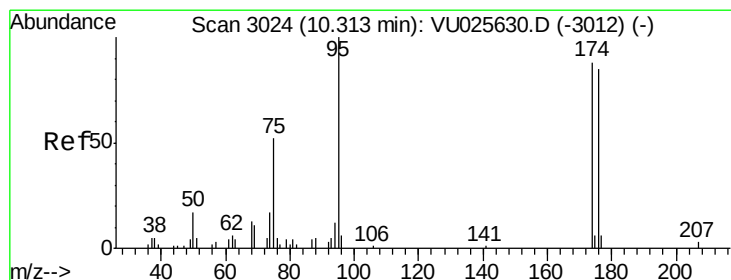
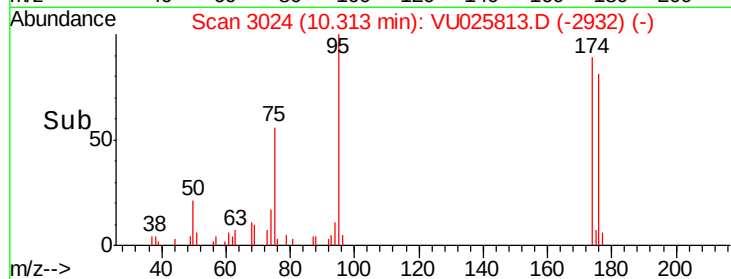
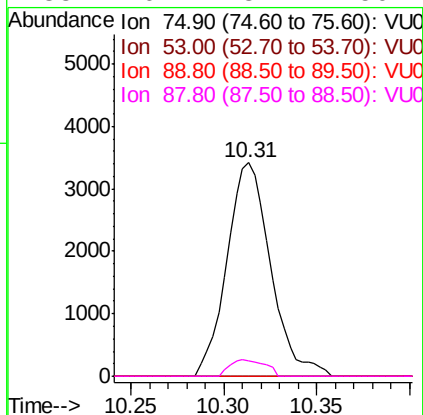
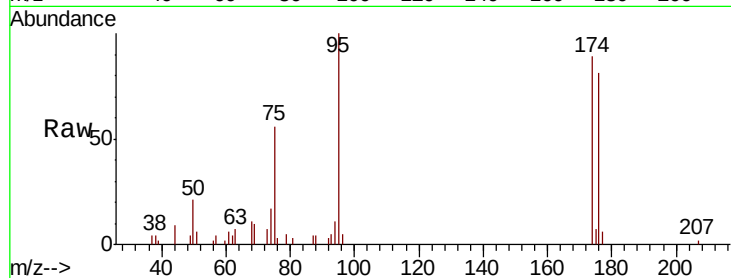




#46
t-1,4-Dichloro-2-butene
Concen: 3.799 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. -0.20 min
Lab File: VU025813.D
Acq: 03 Aug 2018 12:14

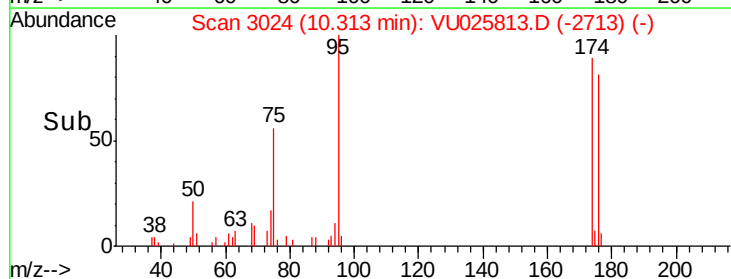
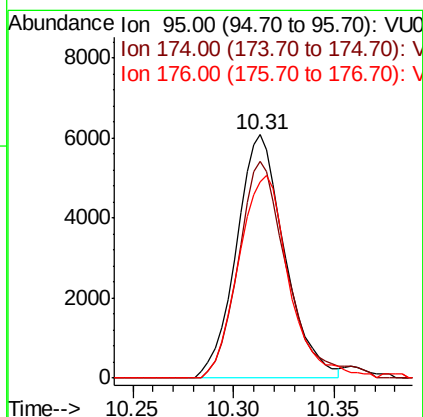
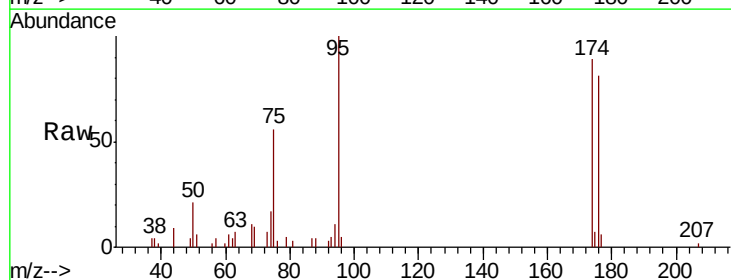
Instrument :
MSVOA_U
ClientSampleId :
VU0803WBL01

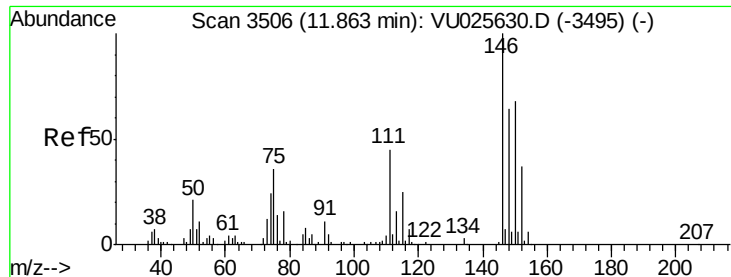
Tgt Ion: 75 Resp: 5602
Ion Ratio Lower Upper
75 100
53 0.0 82.2 123.4#
89 0.0 51.3 76.9#
88 6.2 37.4 56.2#



#57
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU025813.D
Acq: 03 Aug 2018 12:14

Tgt Ion: 95 Resp: 10195
Ion Ratio Lower Upper
95 100
174 90.4 65.6 98.4
176 86.8 62.0 93.0

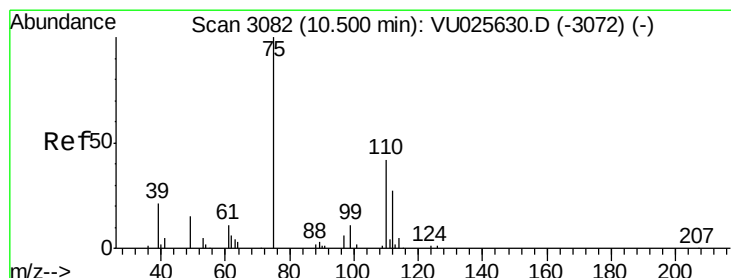
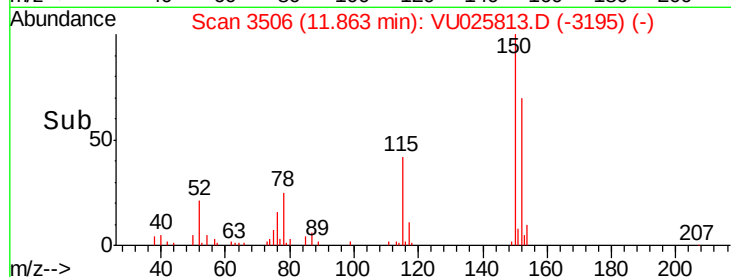
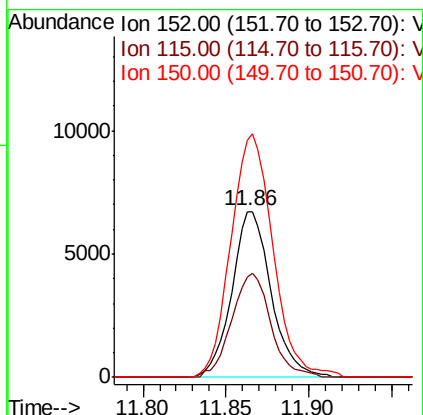
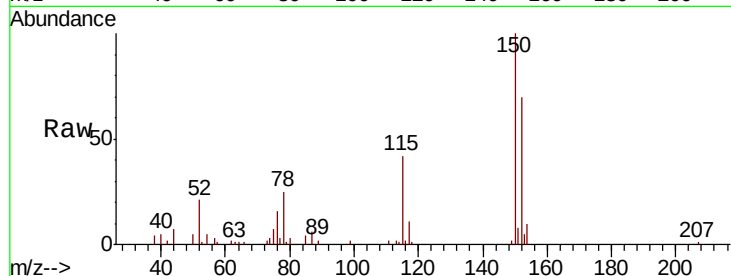




#68
 1,2-Dichlorobenzene-d4
 Concen: N.D. ug/l
 RT: 11.86 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VU025813.D
 Acq: 03 Aug 2018 12:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0803WBL01

Tgt Ion:152 Resp: 11114
 Ion Ratio Lower Upper
 152 100
 115 62.1 0.0 118.8
 150 156.8 0.0 0.0#



#71
 1,2,3-Trichloropropane
 Concen: 0.898 ug/l
 RT: 10.31 min Scan# 3024
 Delta R.T. -0.19 min
 Lab File: VU025813.D
 Acq: 03 Aug 2018 12:14

Tgt Ion: 75 Resp: 5602
 Ion Ratio Lower Upper
 75 100
 77 0.4 0.0 0.0#
 110 0.0 0.0 74.0
 97 0.0 0.0 39.6

