

Data File : VU023535.D
Acq On : 30 Apr 2018 19:01
Operator : MD/SY
Sample : J2241-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
1213

Quant Time: May 01 05:09:59 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 01 05:06:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	61430	1.00	ug/l	0.00

System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	16524	0.82	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.00%	
68) 1,2-Dichlorobenzene-d4	11.87	152	15830	0.81	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.35	43	1734	0.68	ug/l #	88
18) 2-Butanone	4.30	43	1715	0.42	ug/l	78
24) tert-Butyl Alcohol	2.84	59	1553	1.80	ug/l #	95
27) Chloroform	4.68	83	384584	13.33	ug/l	100
41) Tetrahydrofuran	4.67	42	1322	0.43	ug/l #	1
44) Bromodichloromethane	6.76	83	216049	10.56	ug/l	98
46) t-1,4-Dichloro-2-butene	10.31	75	7977	2.80	ug/l #	14
55) Dibromochloromethane	8.48	129	523843	41.27	ug/l	99
67) Bromoform	9.96	173	254335	38.37	ug/l	99
71) 1,2,3-Trichloropropane	10.31	75	7977	0.85	ug/l #	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU023535.D

Acq On : 30 Apr 2018 19:01

Operator : MD/SY

Sample : J2241-04

Misc : 25.0mL/MSVOA_U/WATER

ALS Vial : 10 Sample Multiplier: 1

Instrument :

MSVOA_U

ClientSampleId :

1213

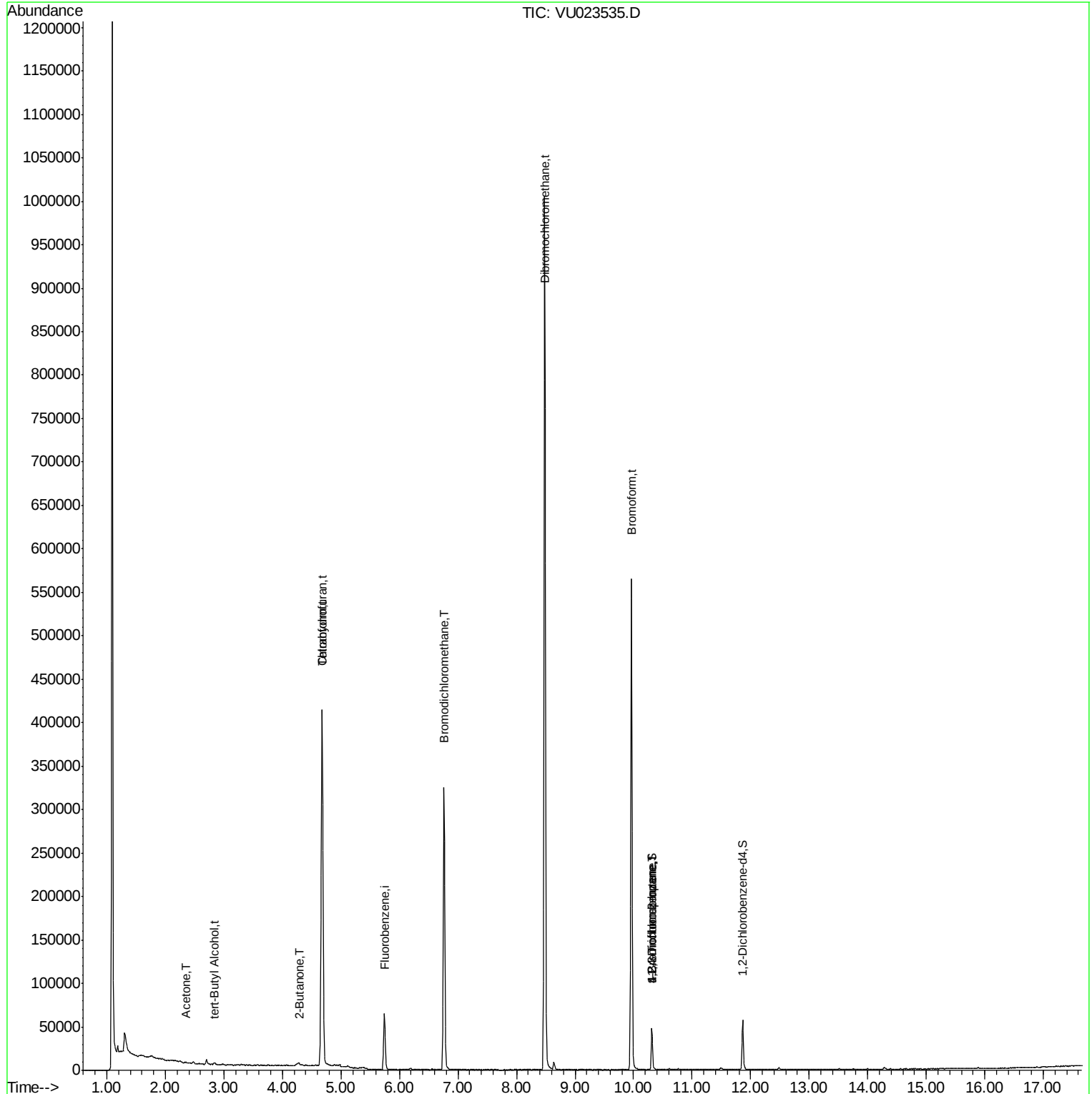
Quant Time: May 01 05:09:59 2018

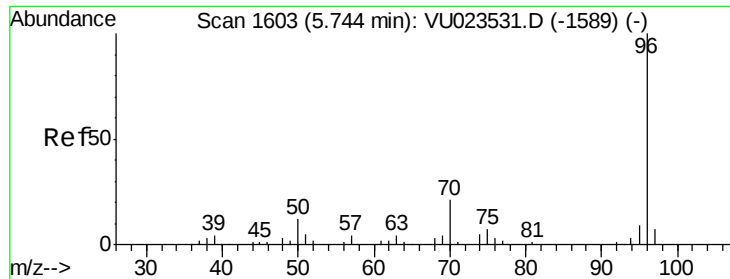
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Tue May 01 05:06:52 2018

Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.00 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VU023535.D

Acq: 30 Apr 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

1213

Tgt Ion: 96 Resp: 61430

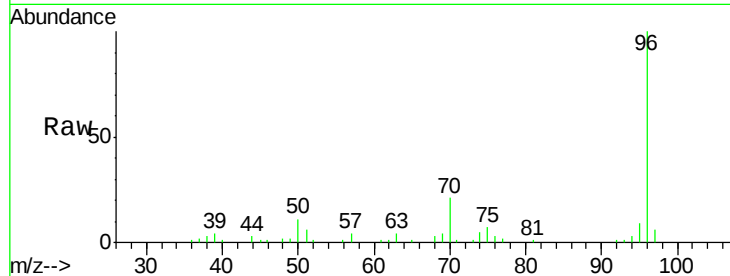
Ion Ratio Lower Upper

96 100

70 20.5 16.2 24.4

95 9.0 6.9 10.3

97 6.3 0.0 0.0#

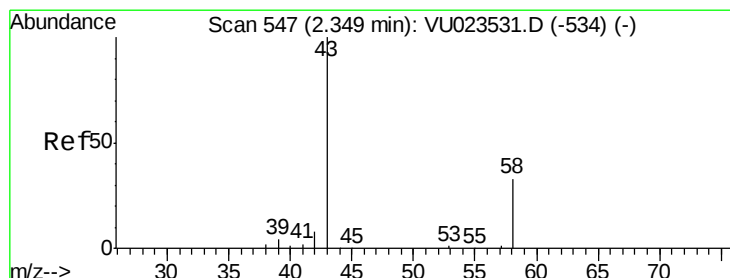
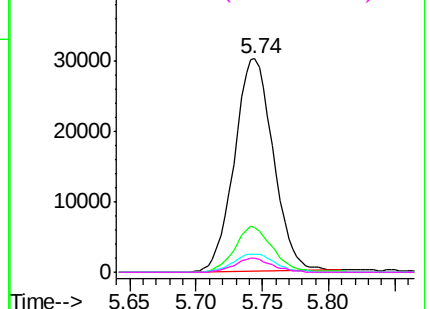
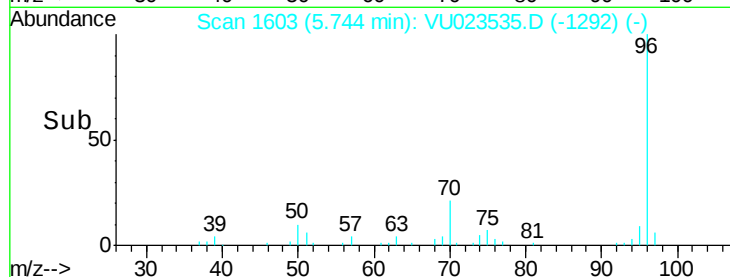


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 0.68 ug/l

RT: 2.35 min Scan# 546

Delta R.T. -0.00 min

Lab File: VU023535.D

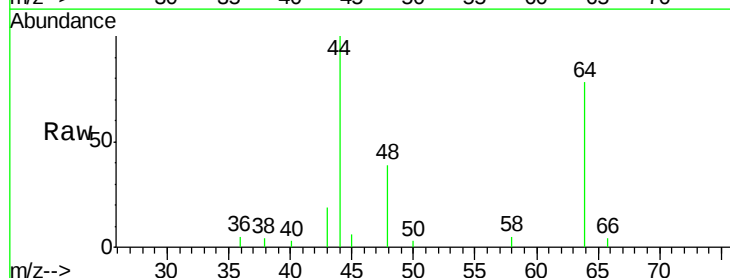
Acq: 30 Apr 2018 19:01

Tgt Ion: 43 Resp: 1734

Ion Ratio Lower Upper

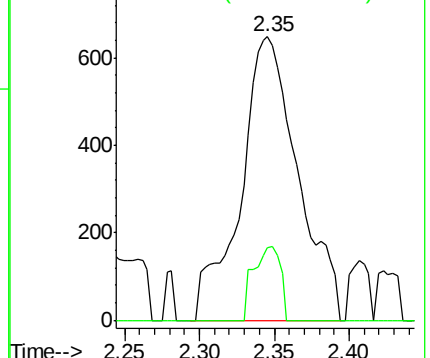
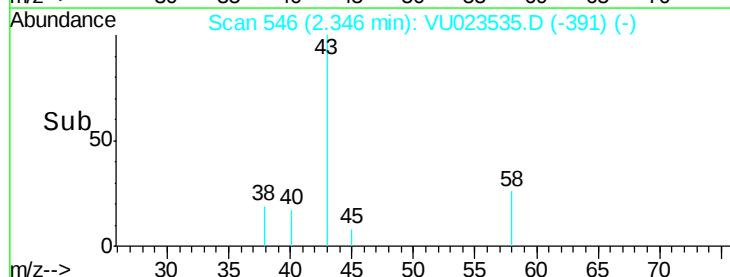
43 100

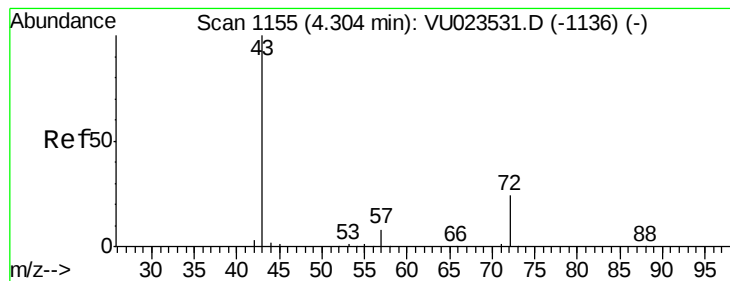
58 25.6 26.0 39.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#18

2-Butanone

Concen: 0.42 ug/l

RT: 4.30 min Scan# 1153

Delta R.T. -0.01 min

Lab File: VU023535.D

Acq: 30 Apr 2018 19:01

Instrument :

MSVOA_U

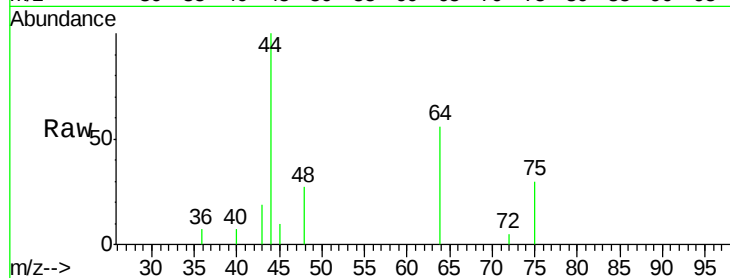
ClientSampleId :
1213

Tgt Ion: 43 Resp: 1715

Ion Ratio Lower Upper

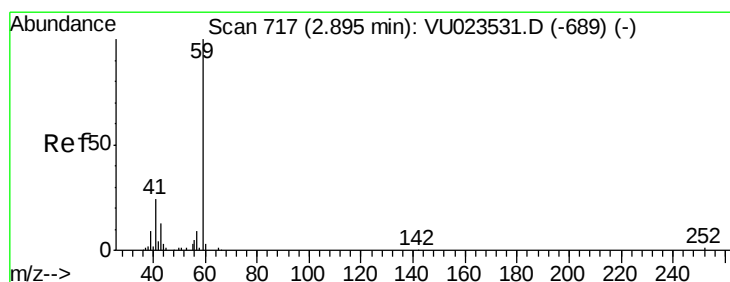
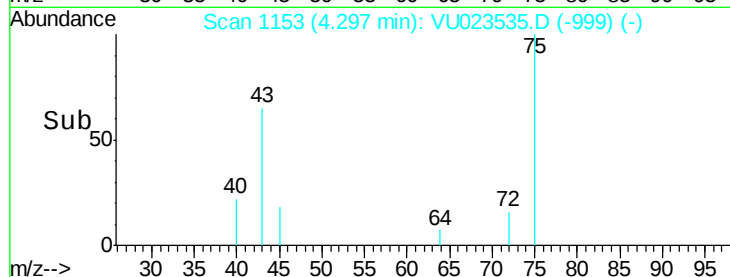
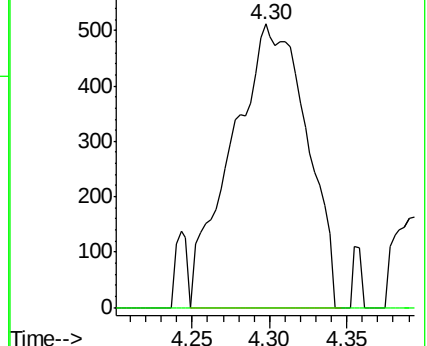
43 100

57 0.0 0.0 15.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#24

tert-Butyl Alcohol

Concen: 1.80 ug/l

RT: 2.84 min Scan# 699

Delta R.T. -0.06 min

Lab File: VU023535.D

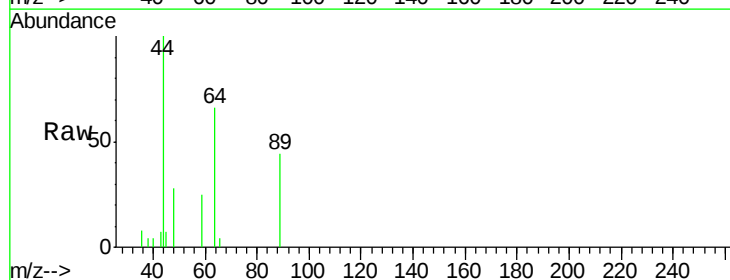
Acq: 30 Apr 2018 19:01

Tgt Ion: 59 Resp: 1553

Ion Ratio Lower Upper

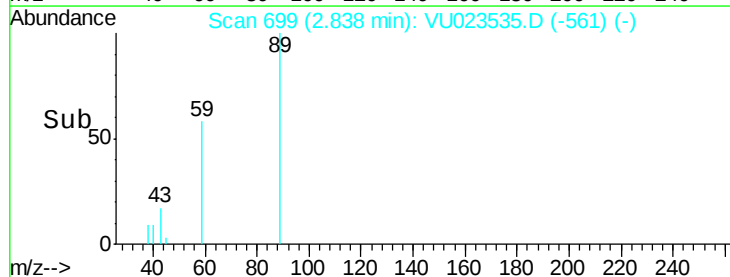
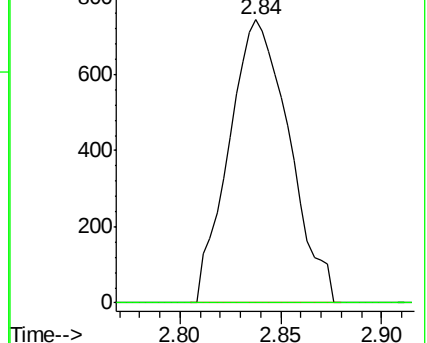
59 100

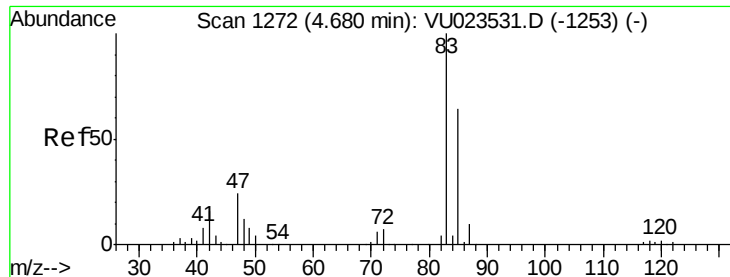
57 2.8 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

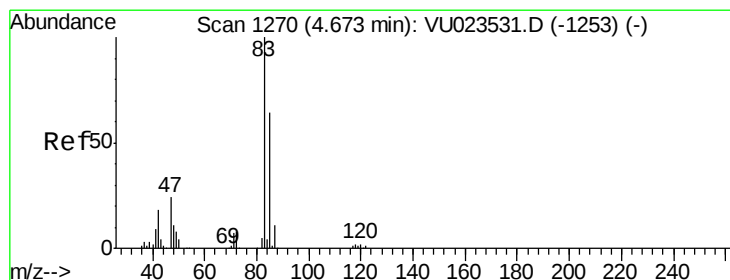
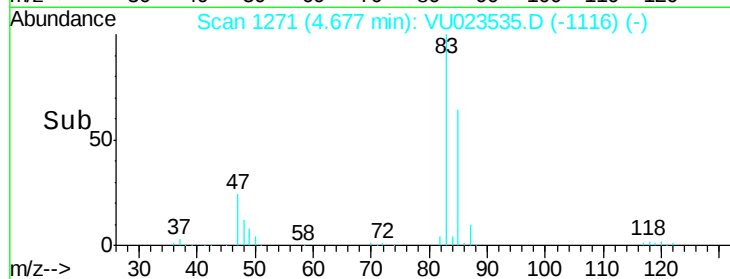
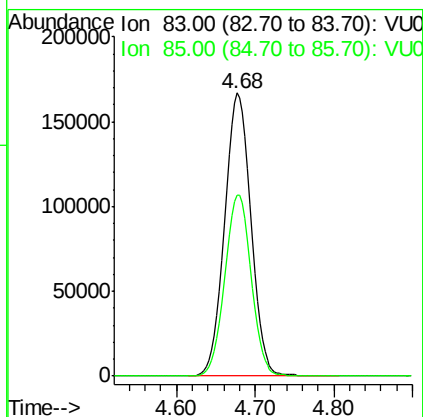
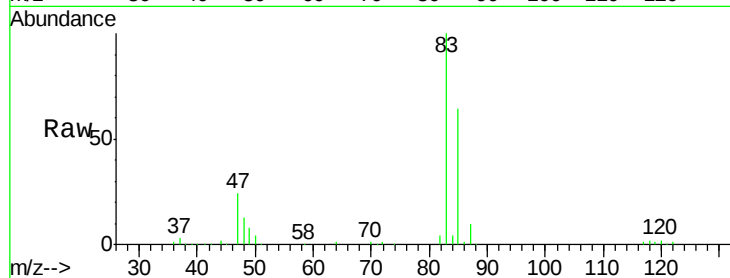




#27
Chloroform
Concen: 13.33 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023535.D
Acq: 30 Apr 2018 19:01

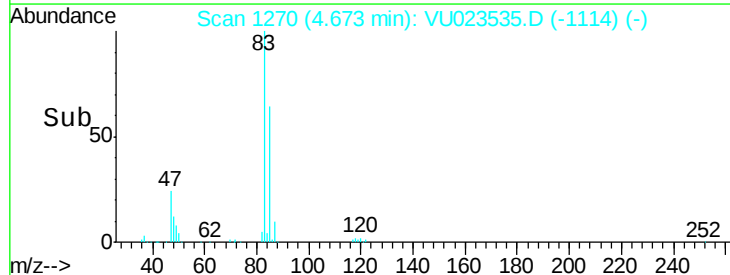
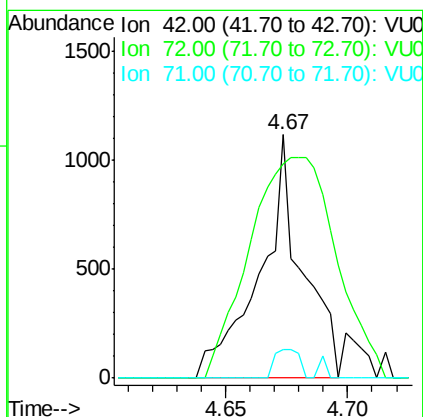
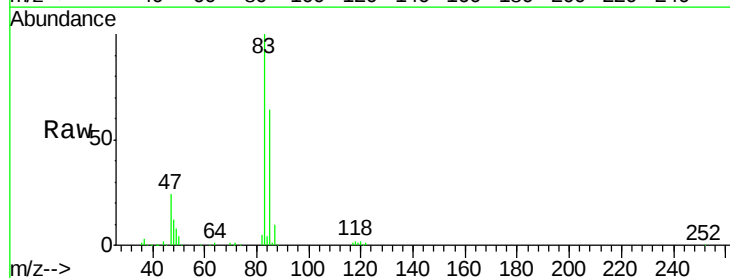
Instrument :
MSVOA_U
ClientSampleId :
1213

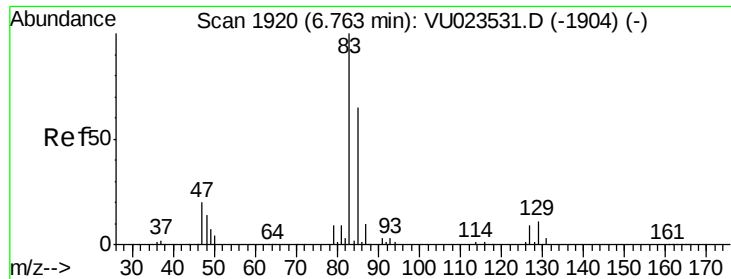
Tgt Ion: 83 Resp: 384584
Ion Ratio Lower Upper
83 100
85 64.1 0.0 128.4



#41
Tetrahydrofuran
Concen: 0.43 ug/l
RT: 4.67 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU023535.D
Acq: 30 Apr 2018 19:01

Tgt Ion: 42 Resp: 1322
Ion Ratio Lower Upper
42 100
72 188.6 33.2 49.8#
71 7.1 29.8 44.8#





#44

Bromodichloromethane

Concen: 10.56 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU023535.D

Acq: 30 Apr 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

1213

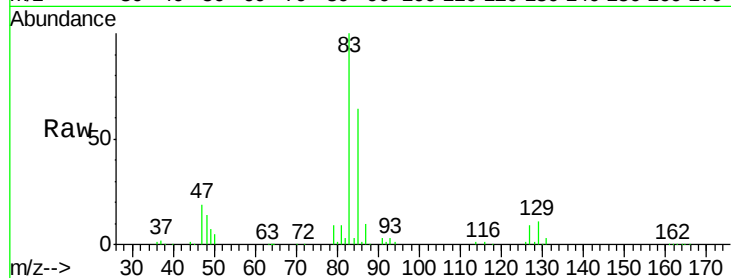
Tgt Ion: 83 Resp: 216049

Ion Ratio Lower Upper

83 100

85 63.7 52.2 78.4

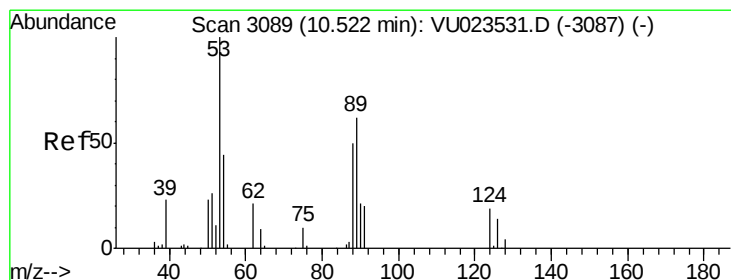
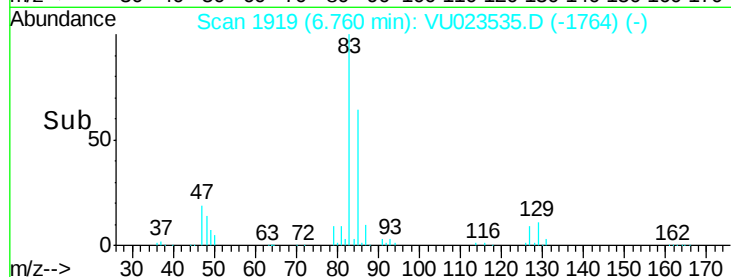
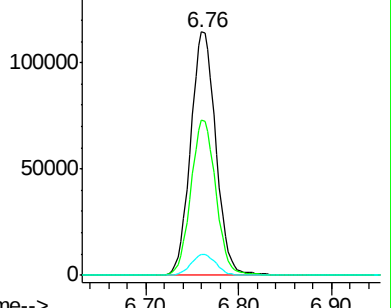
127 8.6 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VU023535.D (-1764) (-)

Ion 85.00 (84.70 to 85.70): VU023535.D (-1764) (-)

Ion 127.00 (126.70 to 127.70): VU023535.D (-1764) (-)



#46

t-1,4-Dichloro-2-butene

Concen: 2.80 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. -0.21 min

Lab File: VU023535.D

Acq: 30 Apr 2018 19:01

Tgt Ion: 75 Resp: 7977

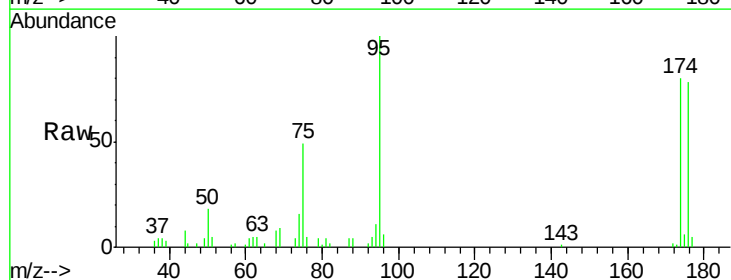
Ion Ratio Lower Upper

75 100

53 0.0 82.2 123.4#

89 0.0 51.3 76.9#

88 8.5 37.4 56.2#

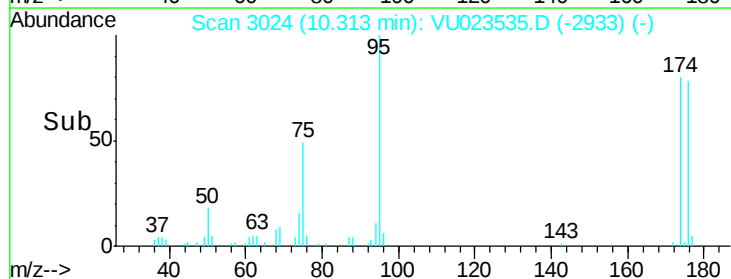
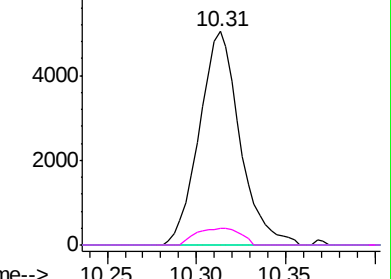


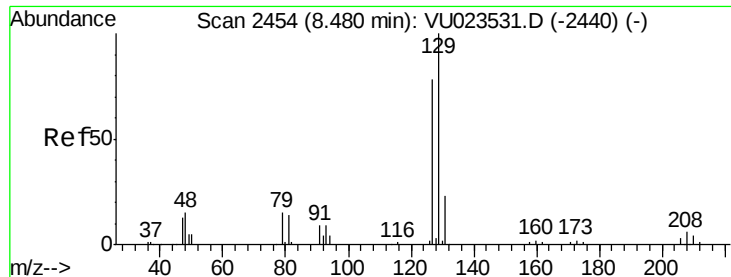
Abundance Ion 74.90 (74.60 to 75.60): VU023535.D (-2933) (-)

Ion 53.00 (52.70 to 53.70): VU023535.D (-2933) (-)

Ion 88.80 (88.50 to 89.50): VU023535.D (-2933) (-)

Ion 87.80 (87.50 to 88.50): VU023535.D (-2933) (-)

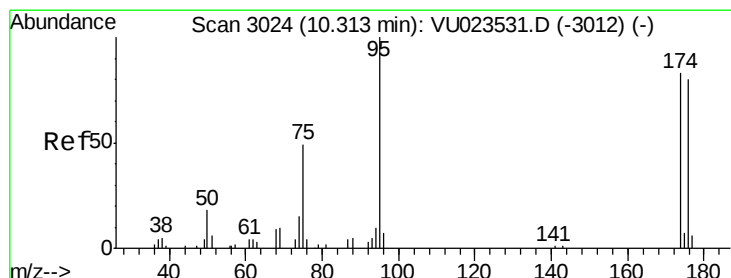
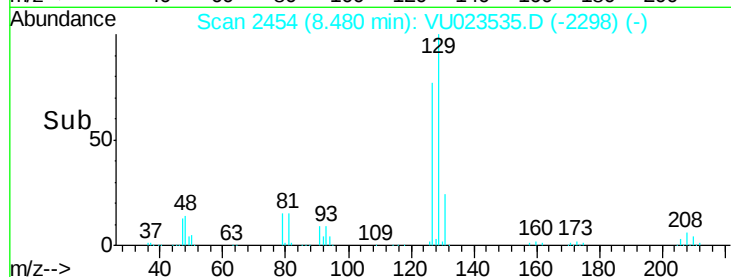
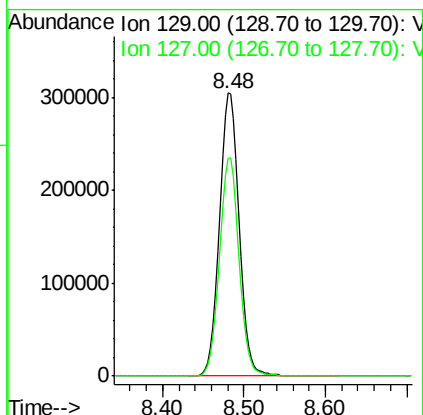
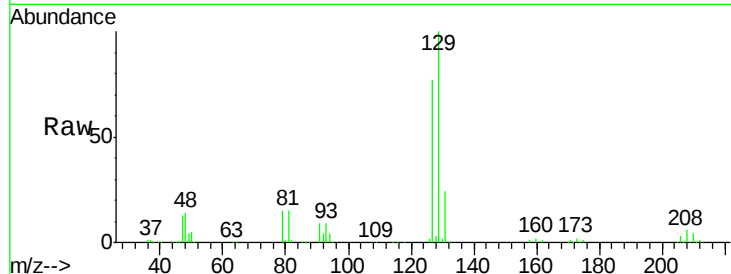




#55
 Dibromochloromethane
 Concen: 41.27 ug/l
 RT: 8.48 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VU023535.D
 Acq: 30 Apr 2018 19:01

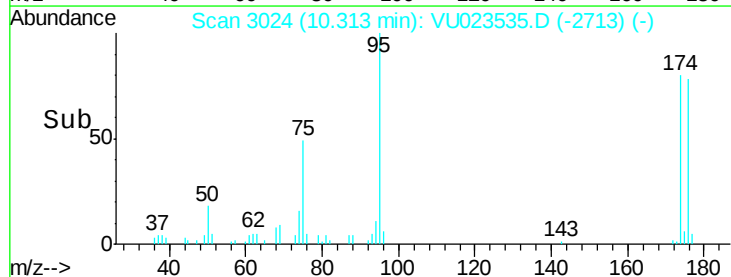
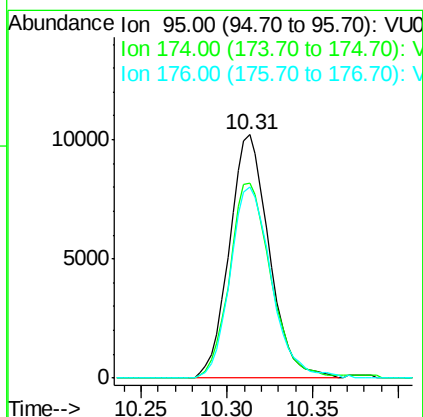
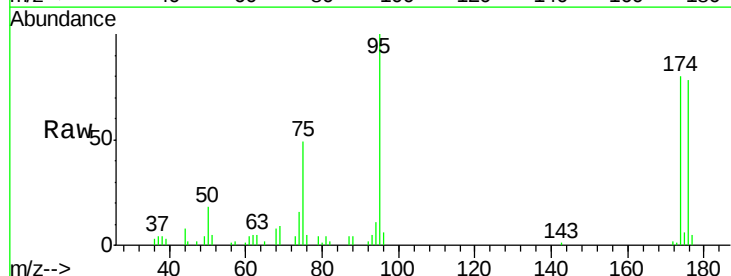
Instrument :
 MSVOA_U
 ClientSampleId :
 1213

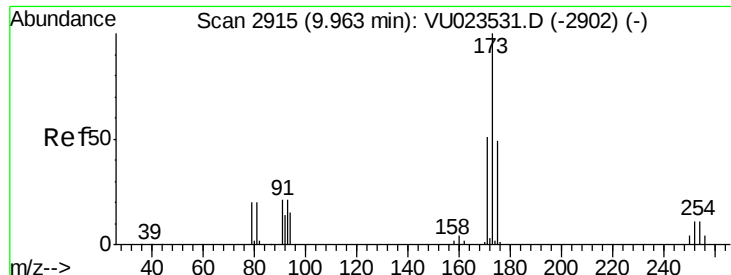
Tgt Ion: 129 Resp: 523843
 Ion Ratio Lower Upper
 129 100
 127 77.0 61.1 91.7



#57
 4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 10.31 min Scan# 3024
 Delta R.T. 0.00 min
 Lab File: VU023535.D
 Acq: 30 Apr 2018 19:01

Tgt Ion: 95 Resp: 16524
 Ion Ratio Lower Upper
 95 100
 174 82.9 65.6 98.4
 176 81.0 62.0 93.0

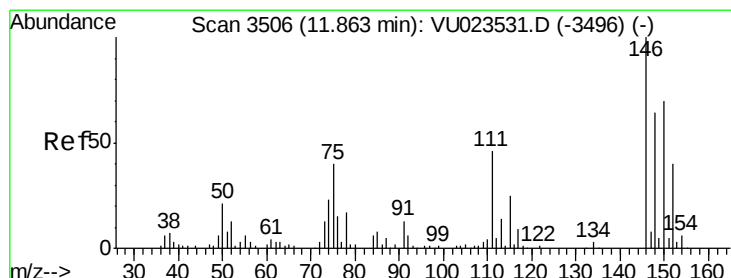
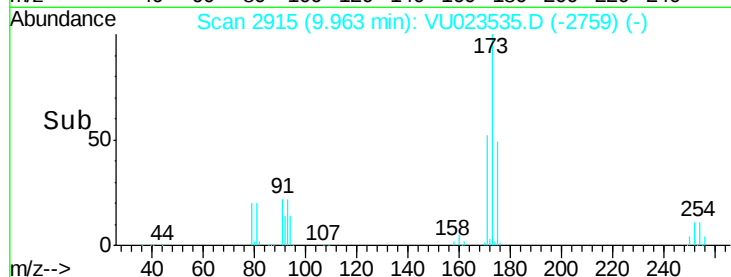
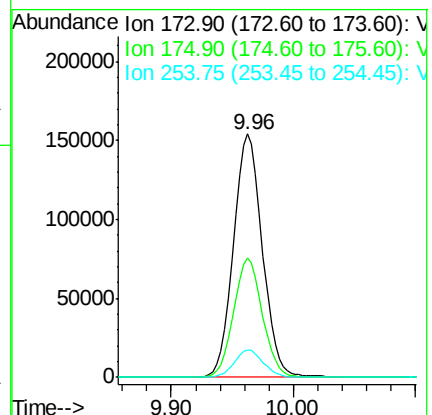
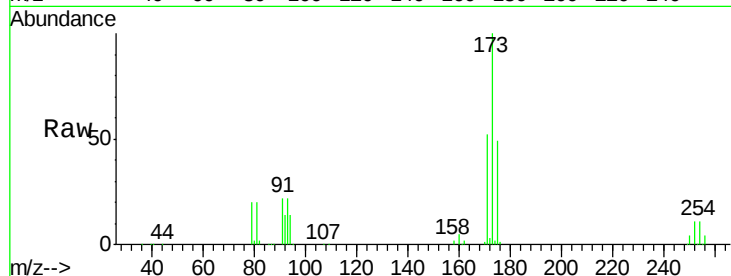




#67
Bromoform
Concen: 38.37 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU023535.D
Acq: 30 Apr 2018 19:01

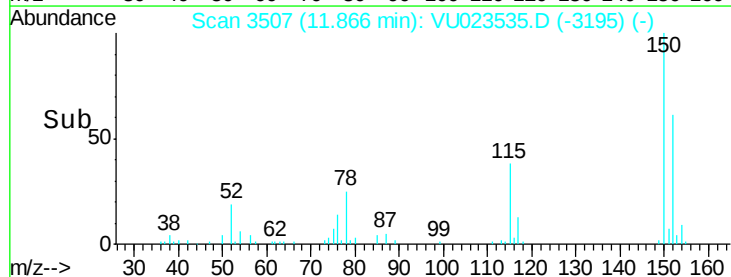
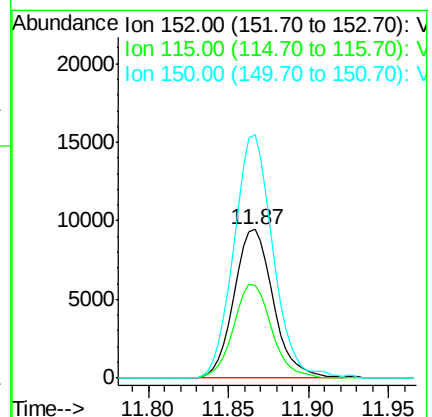
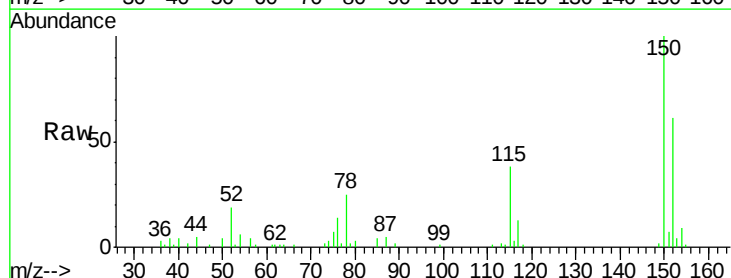
Instrument :
MSVOA_U
ClientSampled :
1213

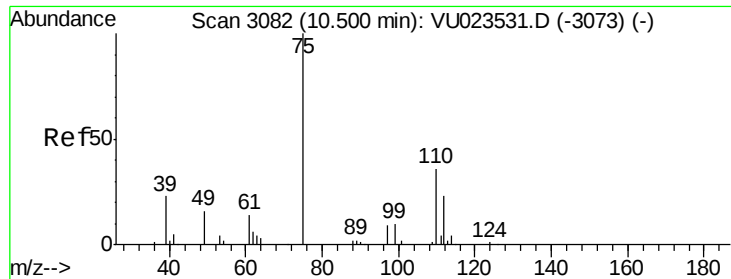
Tgt Ion:173 Resp: 254335
Ion Ratio Lower Upper
173 100
175 48.9 38.6 57.8
254 11.3 8.8 13.2



#68
1,2-Dichlorobenzene-d4
Concen: 38.37 ug/l
RT: 11.87 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VU023535.D
Acq: 30 Apr 2018 19:01

Tgt Ion:152 Resp: 15830
Ion Ratio Lower Upper
152 100
115 61.4 0.0 118.8
150 162.5 0.0 0.0#

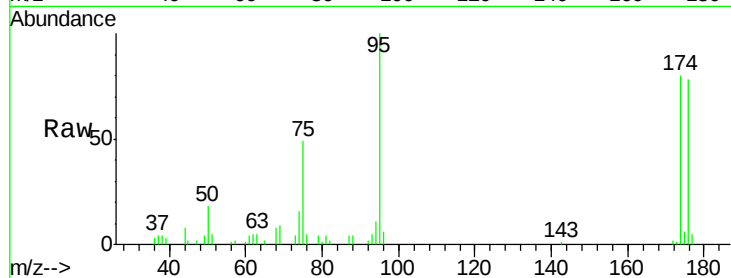




#71
 1,2,3-Trichloropropane
 Concen: 0.85 ug/l
 RT: 10.31 min Scan# 3024
 Delta R.T. -0.19 min
 Lab File: VU023535.D
 Acq: 30 Apr 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 1213

Tgt Ion: 75 Resp: 7977
 Ion Ratio Lower Upper
 75 100
 77 1.3 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

