

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121418\
 Data File : VU028669.D
 Acq On : 13 Dec 2018 10:48
 Operator : MD/SY
 Sample : J6347-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-A-181210-01

Quant Time: Dec 14 05:35:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 01:03:50 2018
 Response via : Initial Calibration

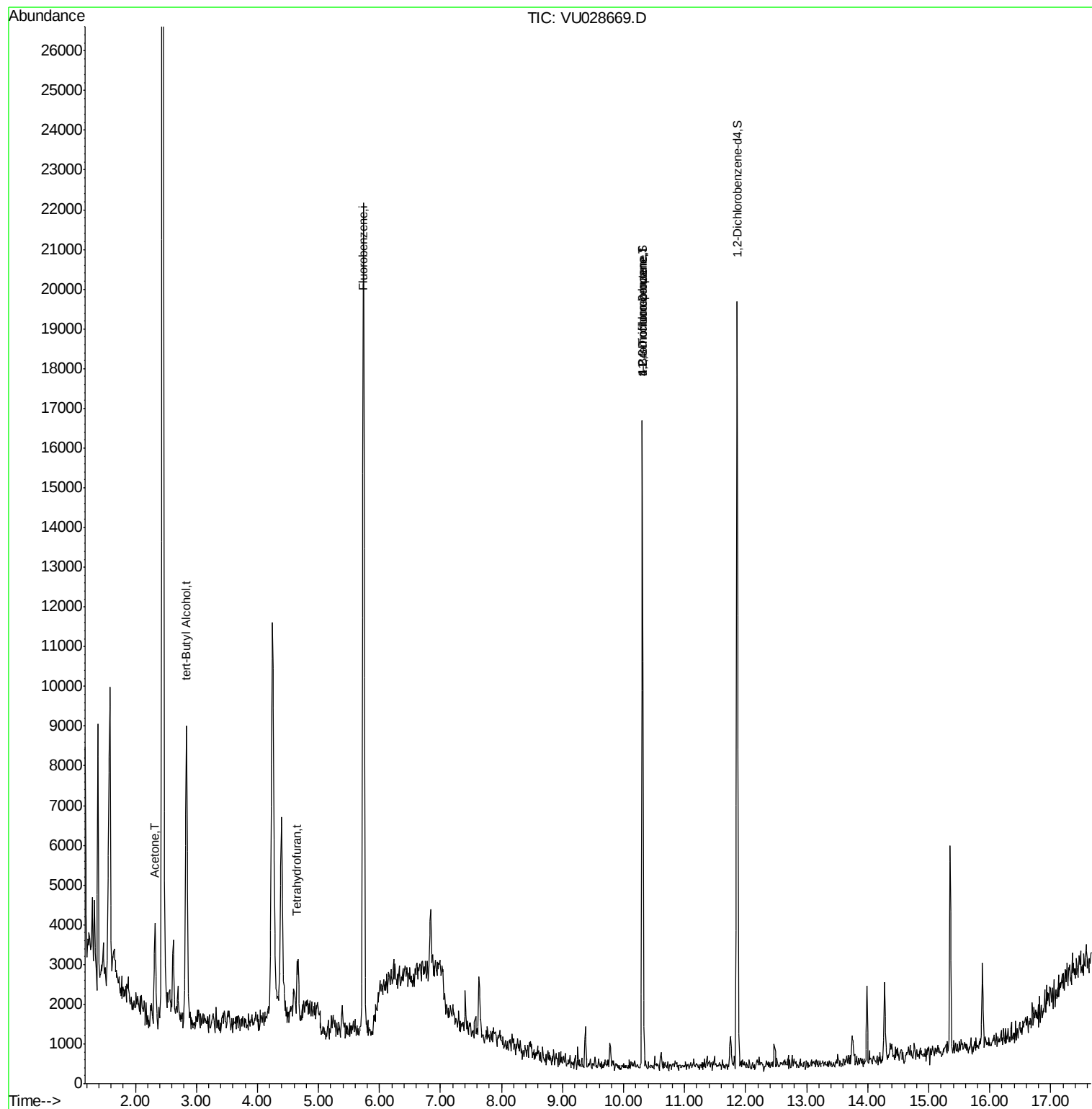
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	18998	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	5332	0.76	ug/l	0.00
Spiked Amount 1.000			Recovery	=	76.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	5578	0.86	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.00%	
Target Compounds						
					Ovalue	
13) Acetone	2.32	43	3052	2.235	ug/l	91
24) tert-Butyl Alcohol	2.84	59	7006	15.053	ug/l #	88
41) Tetrahydrofuran	4.65	42	760	0.551	ug/l #	54
46) t-1,4-Dichloro-2-butene	10.31	75	2938	1.678	ug/l #	23
71) 1,2,3-Trichloropropane	10.31	75	2938	0.751	ug/l #	47
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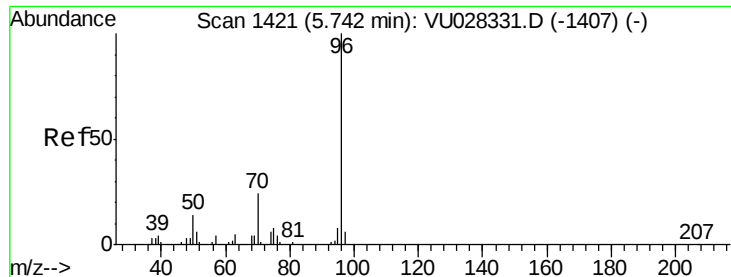
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VU028669.D

Acq: 13 Dec 2018 10:48

Instrument :

MSVOA_U

ClientSampleId :

TB-A-181210-01

Tot Ion: 96 Resp: 18998

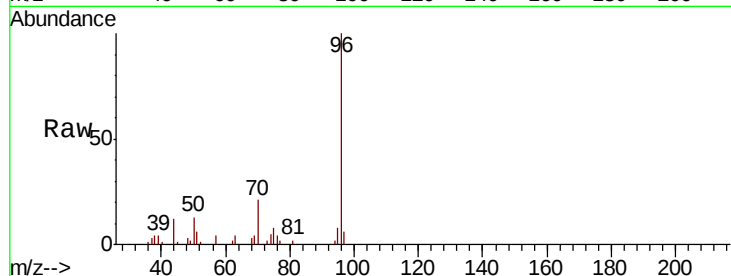
Ion Ratio Lower Upper

96 100

70 21.5 17.8 26.8

95 8.7 7.6 11.4

97 5.5 0.0 0.0#

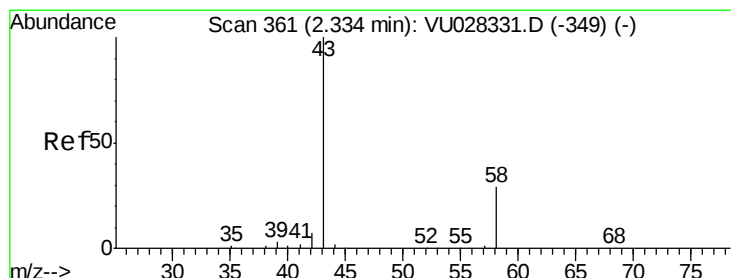
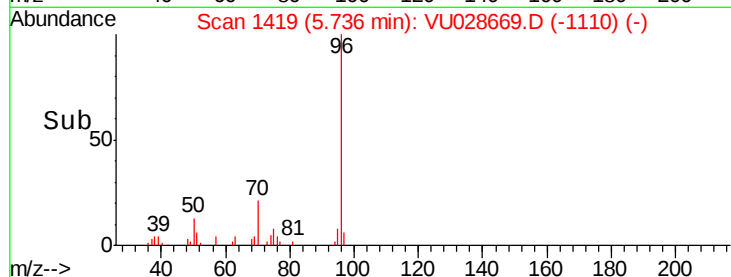
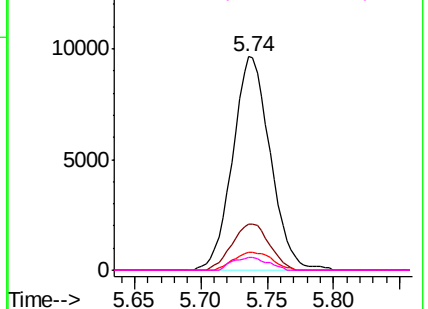


Abundance Ion 96.00 (95.70 to 96.70): VU028331.D (-1407) (-)

Ion 70.00 (69.70 to 70.70): VU028331.D (-1407) (-)

Ion 95.00 (94.70 to 95.70): VU028331.D (-1407) (-)

Ion 97.00 (96.70 to 97.70): VU028331.D (-1407) (-)



#13

Acetone

Concen: 2.235 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.01 min

Lab File: VU028669.D

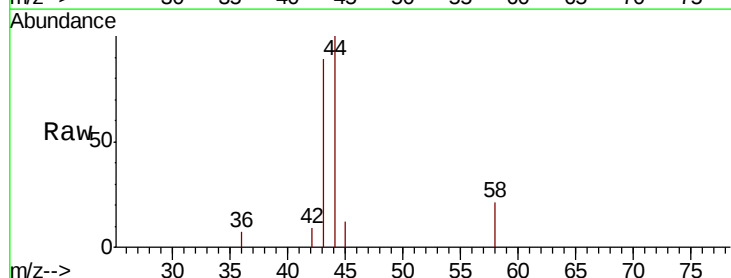
Acq: 13 Dec 2018 10:48

Tgt Ion: 43 Resp: 3052

Ion Ratio Lower Upper

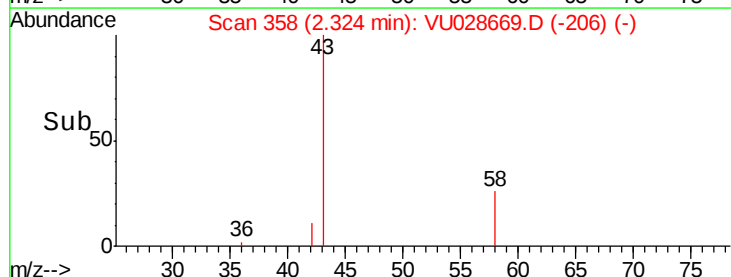
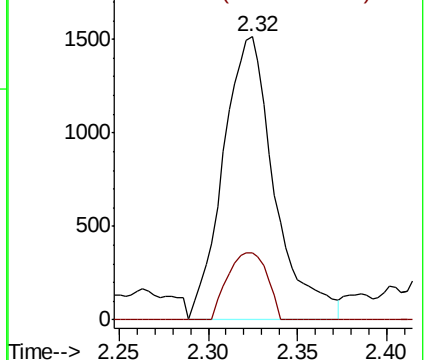
43 100

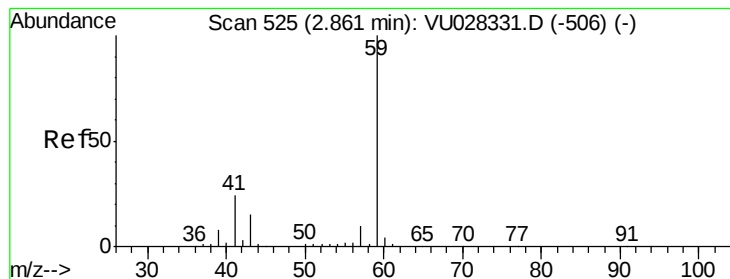
58 23.9 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU028331.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VU028331.D (-349) (-)





#24

tert-Butyl Alcohol

Concen: 15.053 ug/l

RT: 2.84 min Scan# 517

Delta R.T. -0.03 min

Lab File: VU028669.D

Acq: 13 Dec 2018 10:48

Instrument :

MSVOA_U

ClientSampleId :

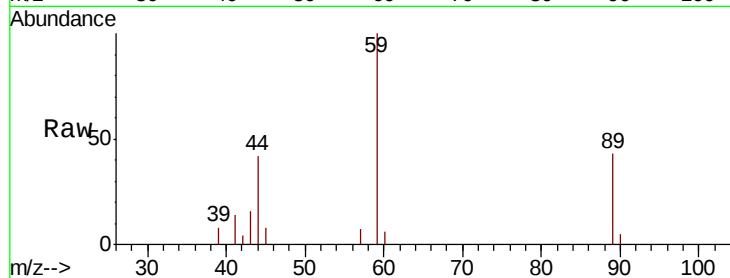
TB-A-181210-01

Tot Ion: 59 Resp: 7006

Ion Ratio Lower Upper

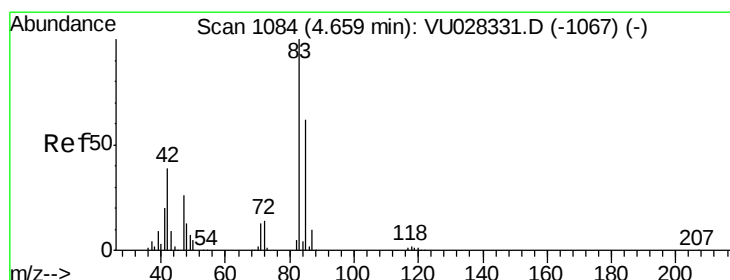
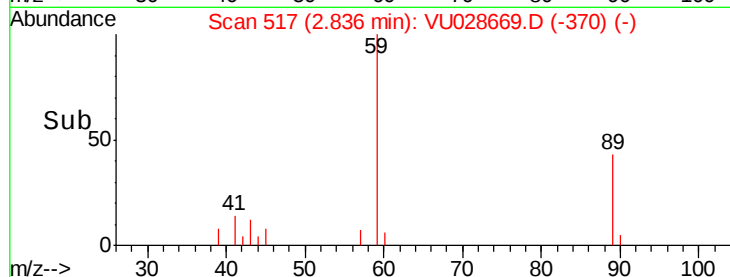
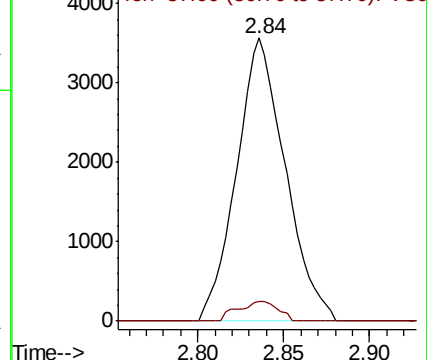
59 100

57 5.7 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#41

Tetrahydrofuran

Concen: 0.551 ug/l

RT: 4.65 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VU028669.D

Acq: 13 Dec 2018 10:48

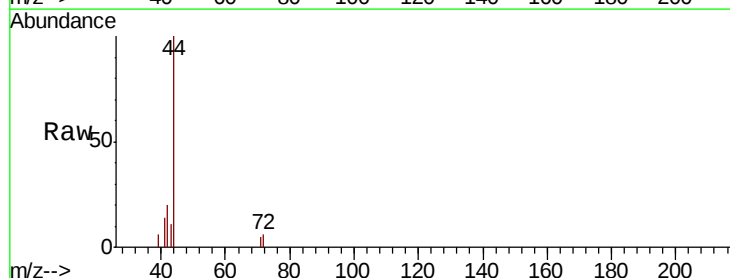
Tgt Ion: 42 Resp: 760

Ion Ratio Lower Upper

42 100

72 11.3 29.8 44.6#

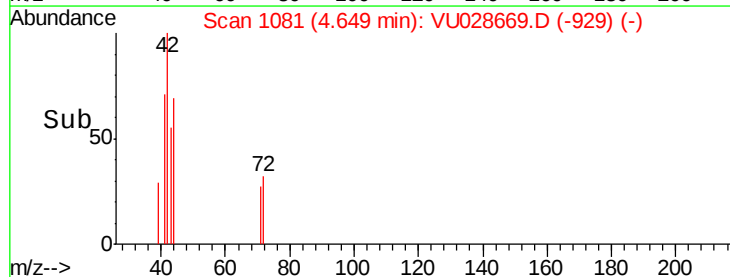
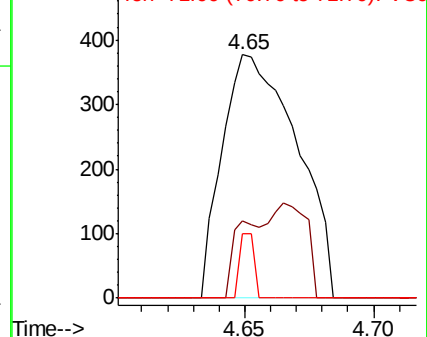
71 5.1 25.9 38.9#

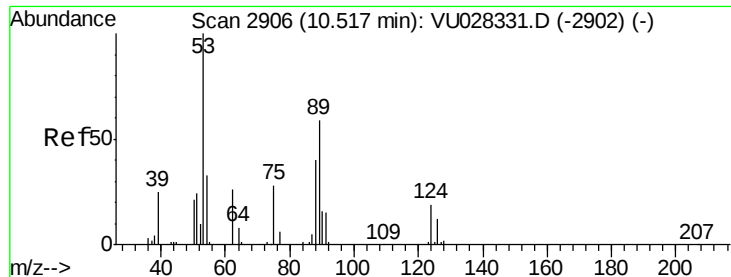


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

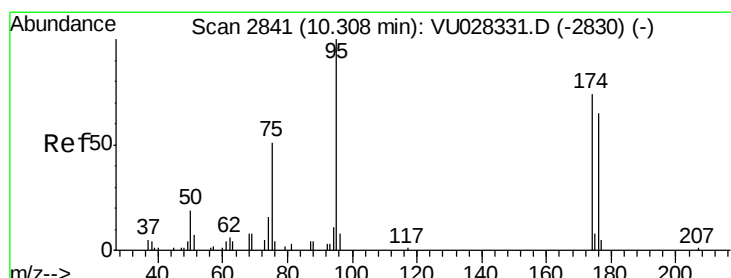
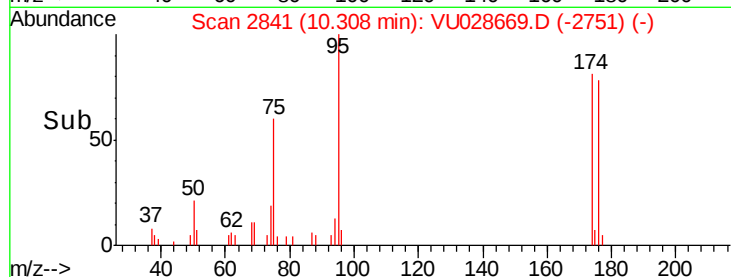
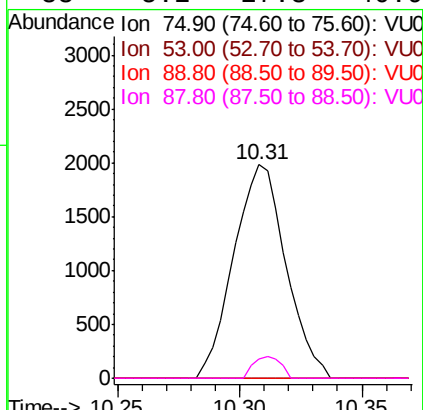
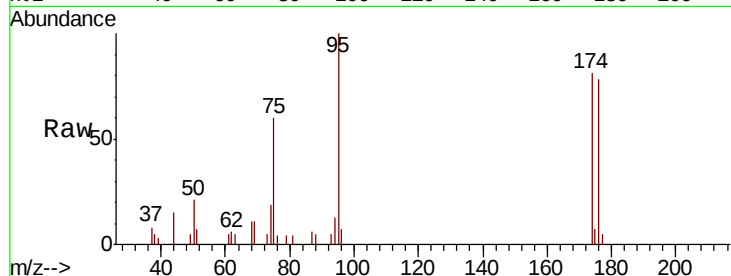




#46
t-1,4-Dichloro-2-butene
Concen: 1.678 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU028669.D
Acq: 13 Dec 2018 10:48

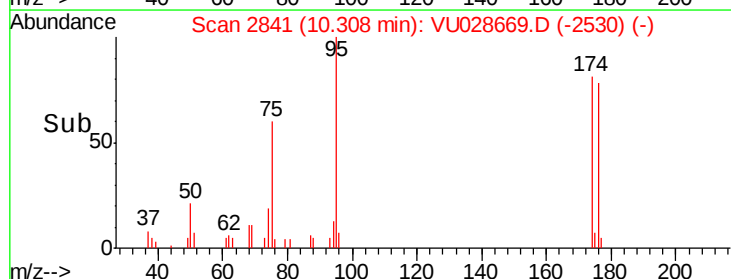
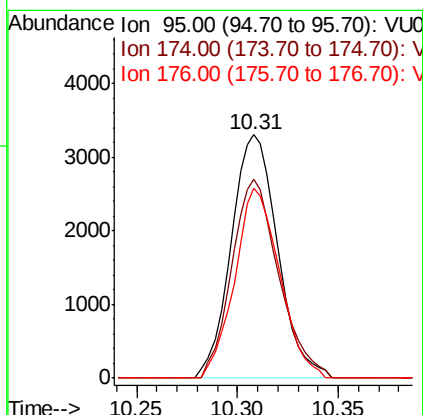
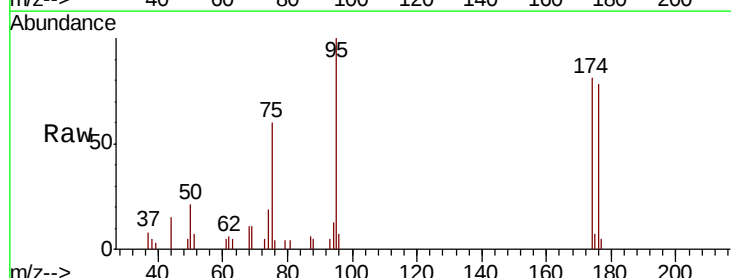
Instrument :
MSVOA_U
ClientSampleId :
TB-A-181210-01

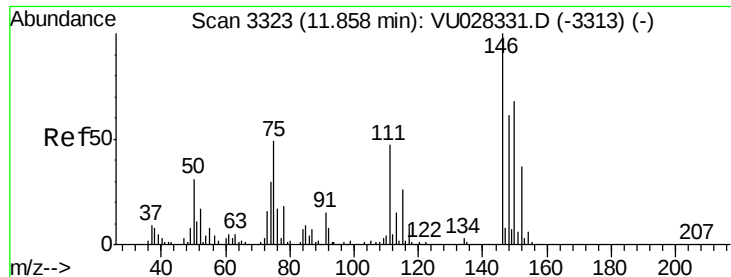
Tot Ion:	75	Resp:	2938
Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.0	97.6#
89	0.0	38.6	58.0#
88	5.2	27.3	40.9#



#57
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028669.D
Acq: 13 Dec 2018 10:48

Tgt Ion:	95	Resp:	5332
Ion	Ratio	Lower	Upper
95	100		
174	82.4	59.3	88.9
176	75.5	54.3	81.5





#68

1,2-Dichlorobenzene-d4

Concen: N.D. ug/l

RT: 11.86 min Scan# 3324

Delta R.T. 0.00 min

Lab File: VU028669.D

Acq: 13 Dec 2018 10:48

Instrument :

MSVOA_U

ClientSampleId :

TB-A-181210-01

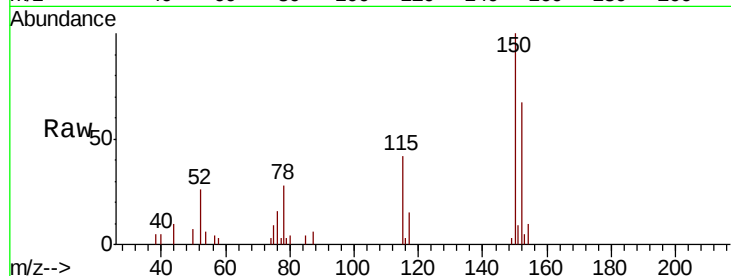
Tot Ion:152 Resp: 5578

Ion Ratio Lower Upper

152 100

115 61.5 0.0 146.8

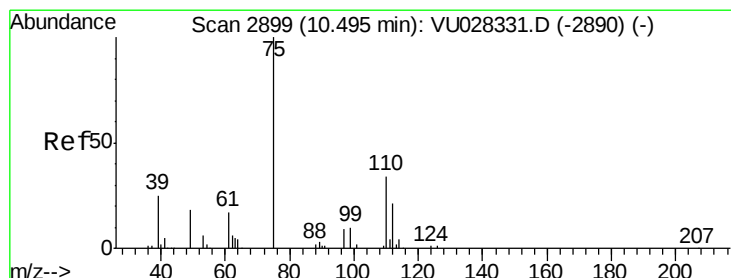
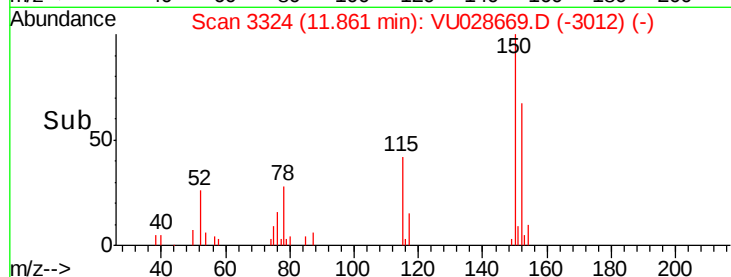
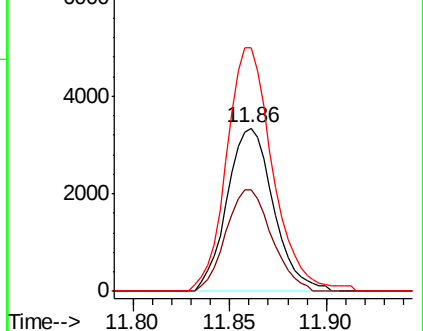
150 148.4 0.0 653.2



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



#71

1,2,3-Trichloropropane

Concen: 0.751 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU028669.D

Acq: 13 Dec 2018 10:48

Tgt Ion: 75 Resp: 2938

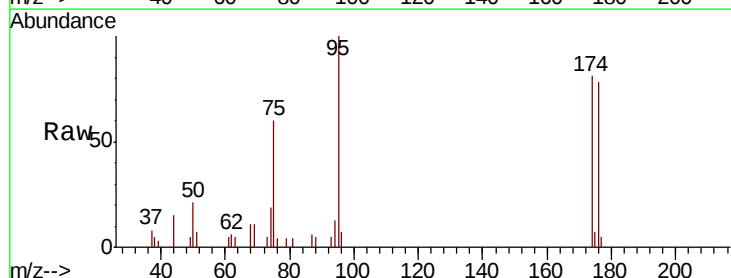
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 0.0 0.0 67.6

97 0.0 0.0 35.8



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

