

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121418\
 Data File : VU028672.D
 Acq On : 13 Dec 2018 12:15
 Operator : MD/SY
 Sample : J6347-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-TW001-02

Quant Time: Dec 14 05:36:14 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

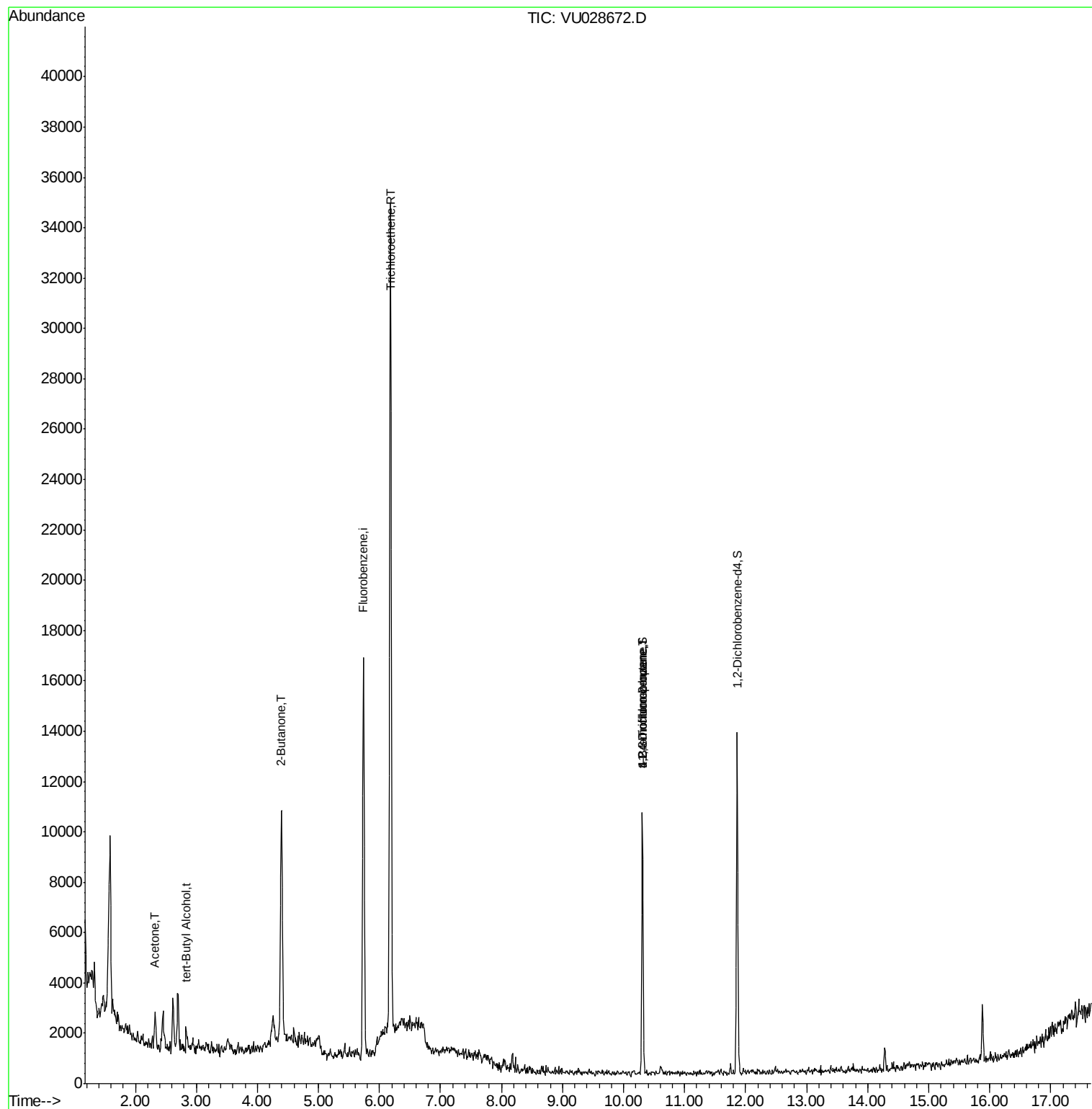
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	13693	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	3784	0.75	ug/l	0.00
Spiked Amount 1.000			Recovery	=	75.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	3932	0.84	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.00%	
Target Compounds						Ovalue
13) Acetone	2.32	43	1659	1.686	ug/l #	80
18) 2-Butanone	4.40	43	13705	9.320	ug/l	78
24) tert-Butyl Alcohol	2.84	59	554	1.652	ug/l #	72
37) Trichloroethene	6.18	130	10465	2.716	ug/l	94
46) t-1,4-Dichloro-2-butene	10.30	75	1986	1.574	ug/l #	22
71) 1,2,3-Trichloropropane	10.30	75	1986	0.704	ug/l #	47
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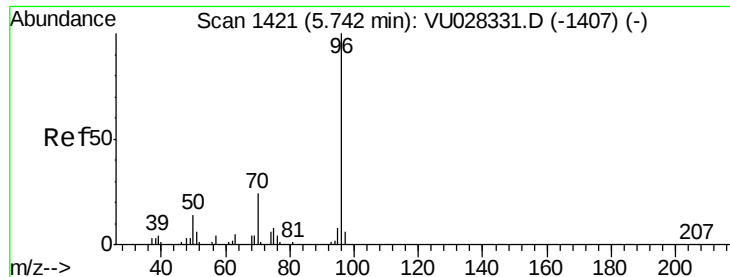
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VU028672.D

Acq: 13 Dec 2018 12:15

Instrument :

MSVOA_U

ClientSampleId :

P001-TW001-02

Tot Ion: 96 Resp: 13693

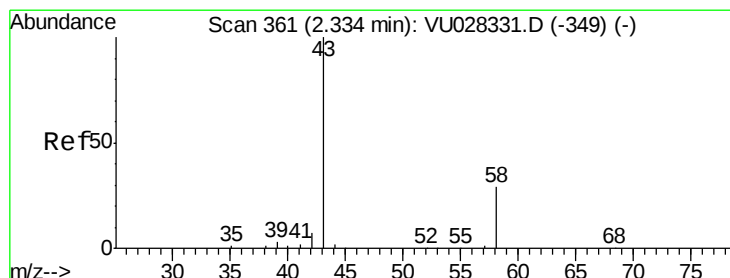
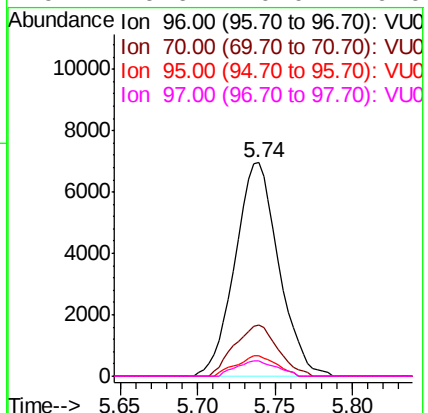
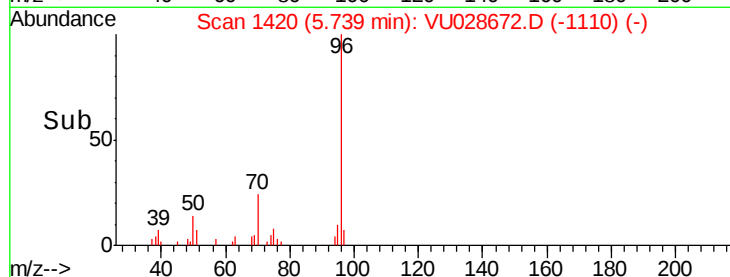
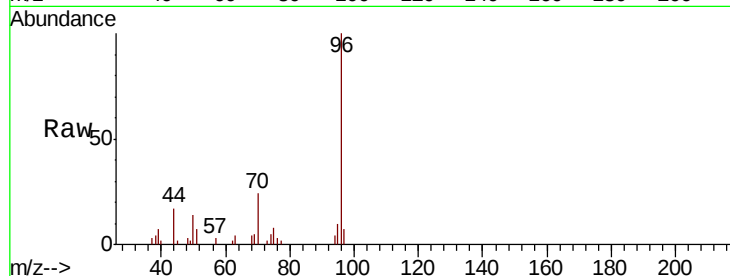
Ion Ratio Lower Upper

96 100

70 23.7 17.8 26.8

95 8.7 7.6 11.4

97 6.6 0.0 0.0#



#13

Acetone

Concen: 1.686 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.01 min

Lab File: VU028672.D

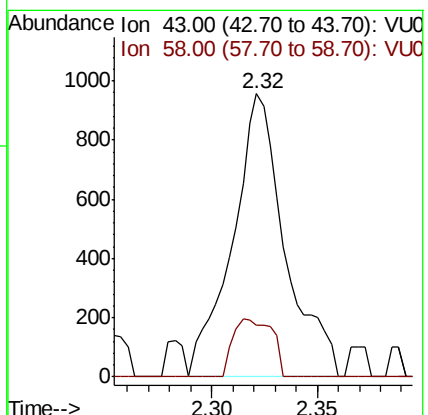
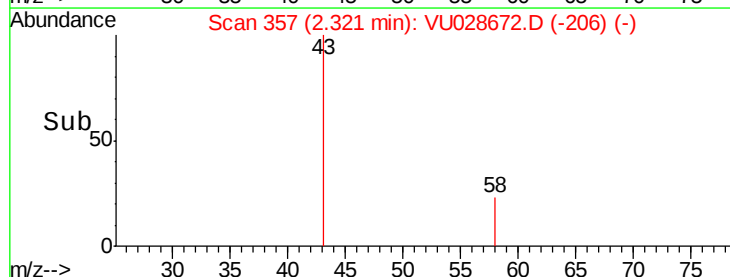
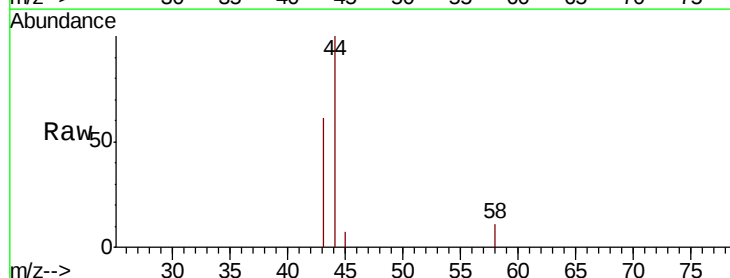
Acq: 13 Dec 2018 12:15

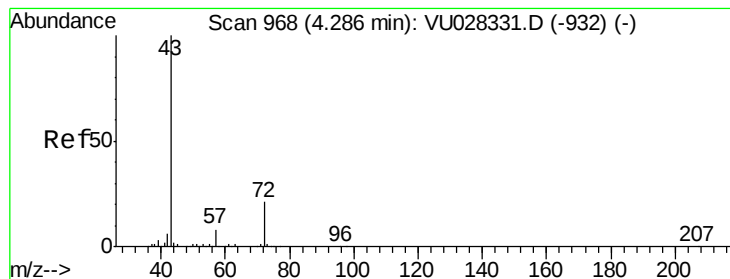
Tgt Ion: 43 Resp: 1659

Ion Ratio Lower Upper

43 100

58 18.4 23.1 34.7#





#18

2-Butanone

Concen: 9.320 ug/l

RT: 4.40 min Scan# 1002

Delta R.T. 0.11 min

Lab File: VU028672.D

Acq: 13 Dec 2018 12:15

Instrument :

MSVOA_U

ClientSampleId :

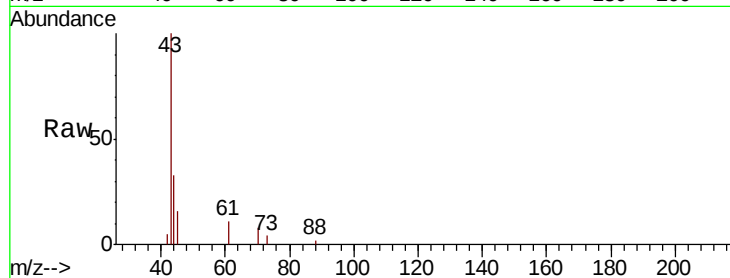
P001-TW001-02

Tot Ion: 43 Resp: 13705

Ion Ratio Lower Upper

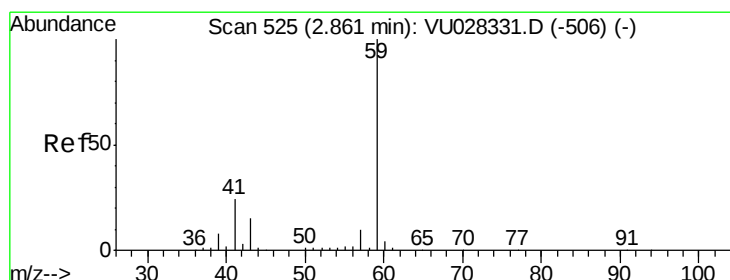
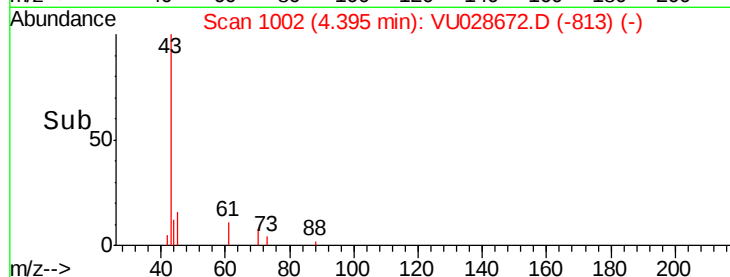
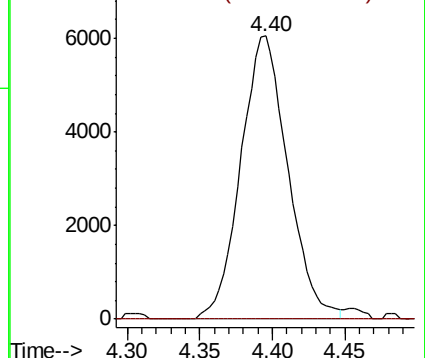
43 100

57 0.0 0.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#24

tert-Butyl Alcohol

Concen: 1.652 ug/l

RT: 2.84 min Scan# 518

Delta R.T. -0.02 min

Lab File: VU028672.D

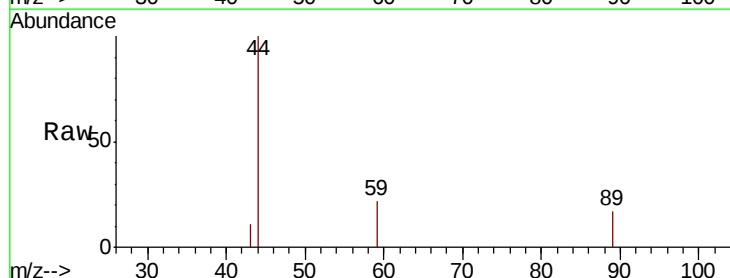
Acq: 13 Dec 2018 12:15

Tgt Ion: 59 Resp: 554

Ion Ratio Lower Upper

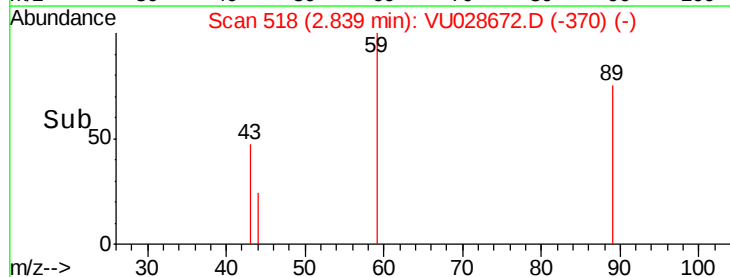
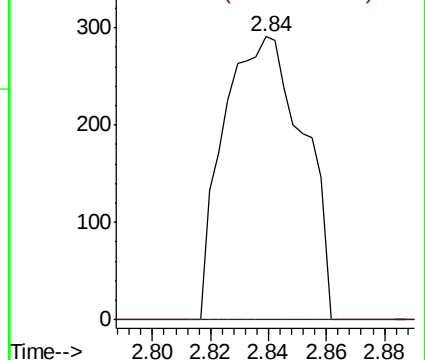
59 100

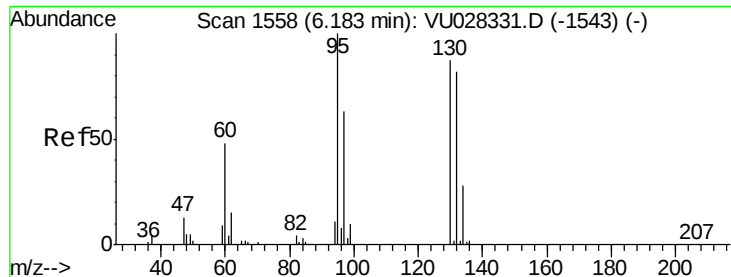
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

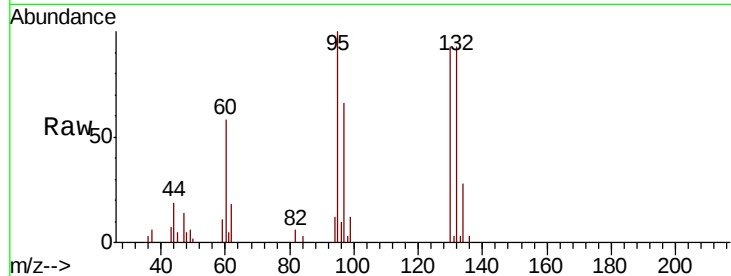




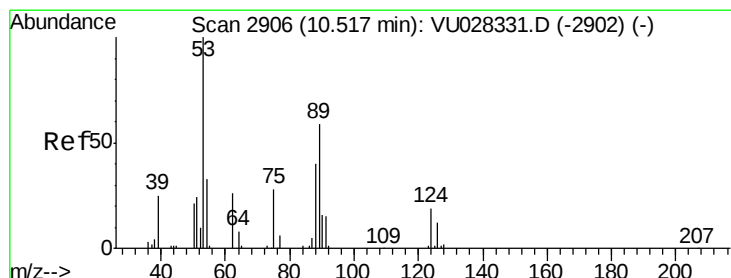
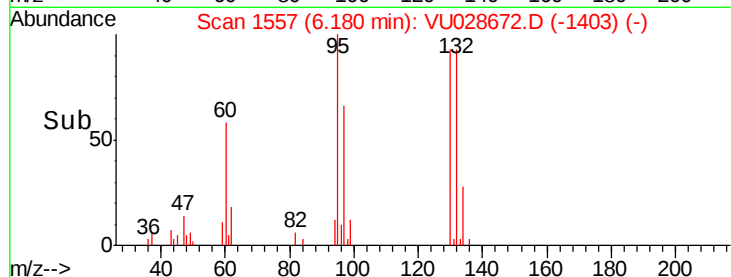
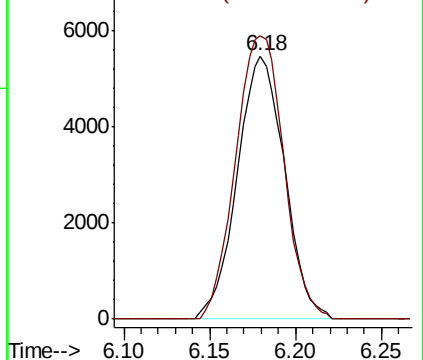
#37
 Trichloroethene
 Concen: 2.716 ug/l
 RT: 6.18 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VU028672.D
 Acq: 13 Dec 2018 12:15

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-TW001-02

Tot Ion:130 Resp: 10465
 Ion Ratio Lower Upper
 130 100
 95 107.7 91.5 137.3

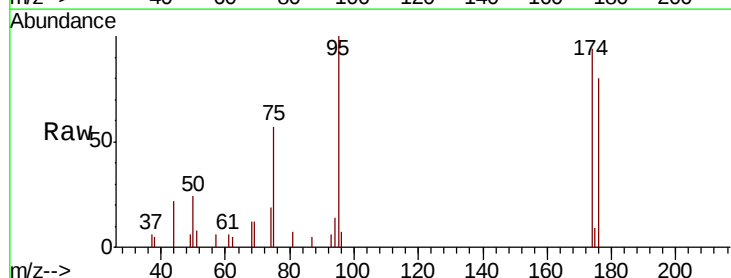


Abundance Ion 129.90 (129.60 to 130.60): VU028331.D (-1543) (-)
 Ion 94.90 (94.60 to 95.60): VU028331.D (-1543) (-)

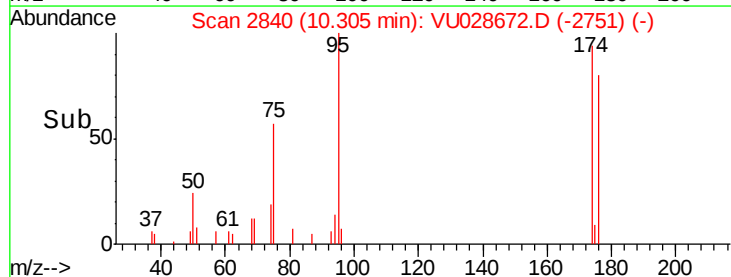
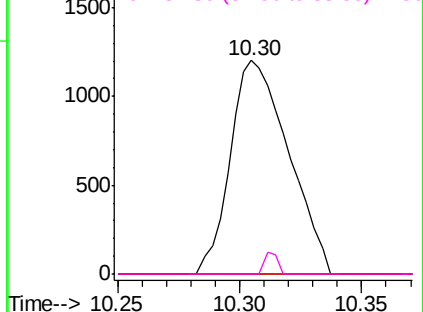


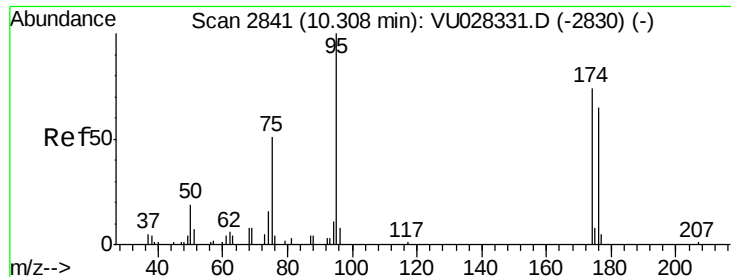
#46
 t-1,4-Dichloro-2-butene
 Concen: 1.574 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.21 min
 Lab File: VU028672.D
 Acq: 13 Dec 2018 12:15

Tgt Ion: 75 Resp: 1986
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.0 97.6#
 89 0.0 38.6 58.0#
 88 2.2 27.3 40.9#



Abundance Ion 74.90 (74.60 to 75.60): VU028331.D (-2902) (-)
 Ion 53.00 (52.70 to 53.70): VU028331.D (-2902) (-)
 Ion 88.80 (88.50 to 89.50): VU028331.D (-2902) (-)
 Ion 87.80 (87.50 to 88.50): VU028331.D (-2902) (-)

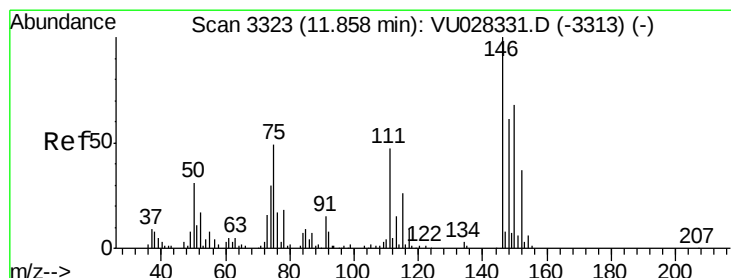
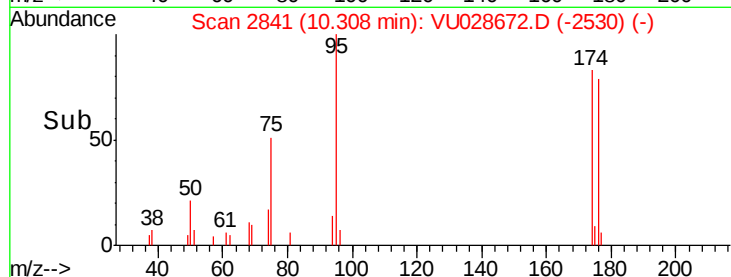
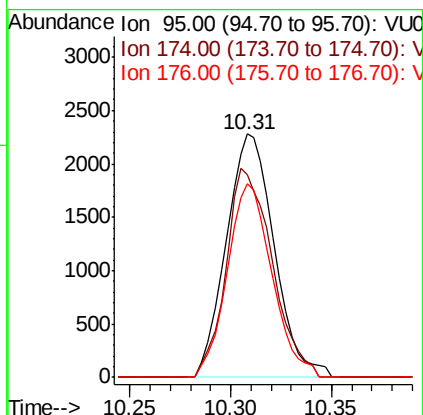
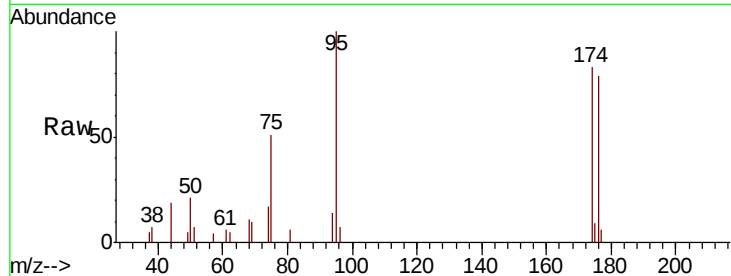




#57
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU028672.D
 Acq: 13 Dec 2018 12:15

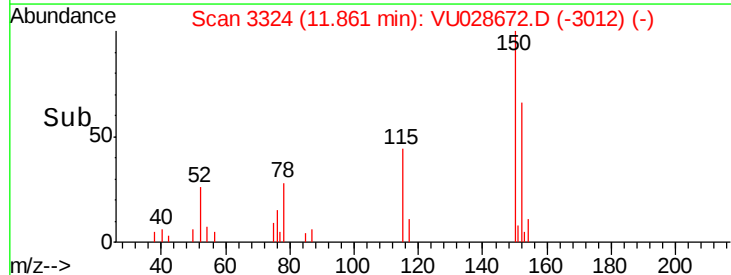
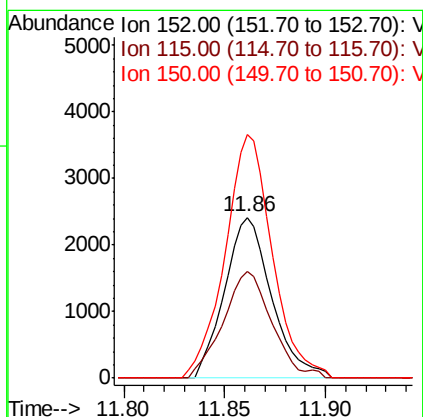
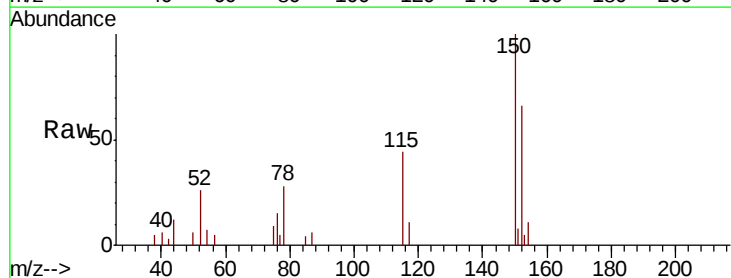
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-TW001-02

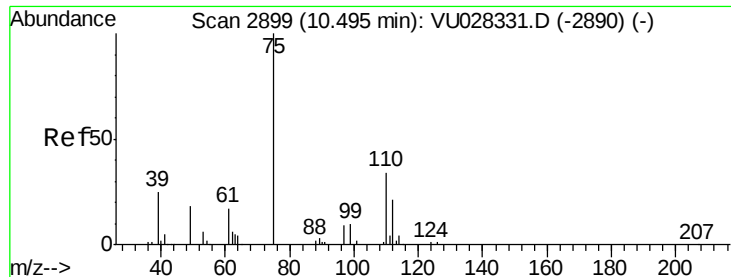
Tot Ion: 95 Resp: 3784
 Ion Ratio Lower Upper
 95 100
 174 82.6 59.3 88.9
 176 74.2 54.3 81.5



#68
 1,2-Dichlorobenzene-d4
 Concen: N.D. ug/l
 RT: 11.86 min Scan# 3324
 Delta R.T. 0.00 min
 Lab File: VU028672.D
 Acq: 13 Dec 2018 12:15

Tgt Ion: 152 Resp: 3932
 Ion Ratio Lower Upper
 152 100
 115 68.3 0.0 146.8
 150 152.1 0.0 653.2





#71
 1,2,3-Trichloropropane
 Concen: 0.704 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028672.D
 Acq: 13 Dec 2018 12:15

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-TW001-02

Tot Ion:	75	Resp:	1986
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

