

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121418\
 Data File : VU028675.D
 Acq On : 13 Dec 2018 13:41
 Operator : MD/SY
 Sample : J6347-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-TW001-01

Quant Time: Dec 14 05:37:01 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

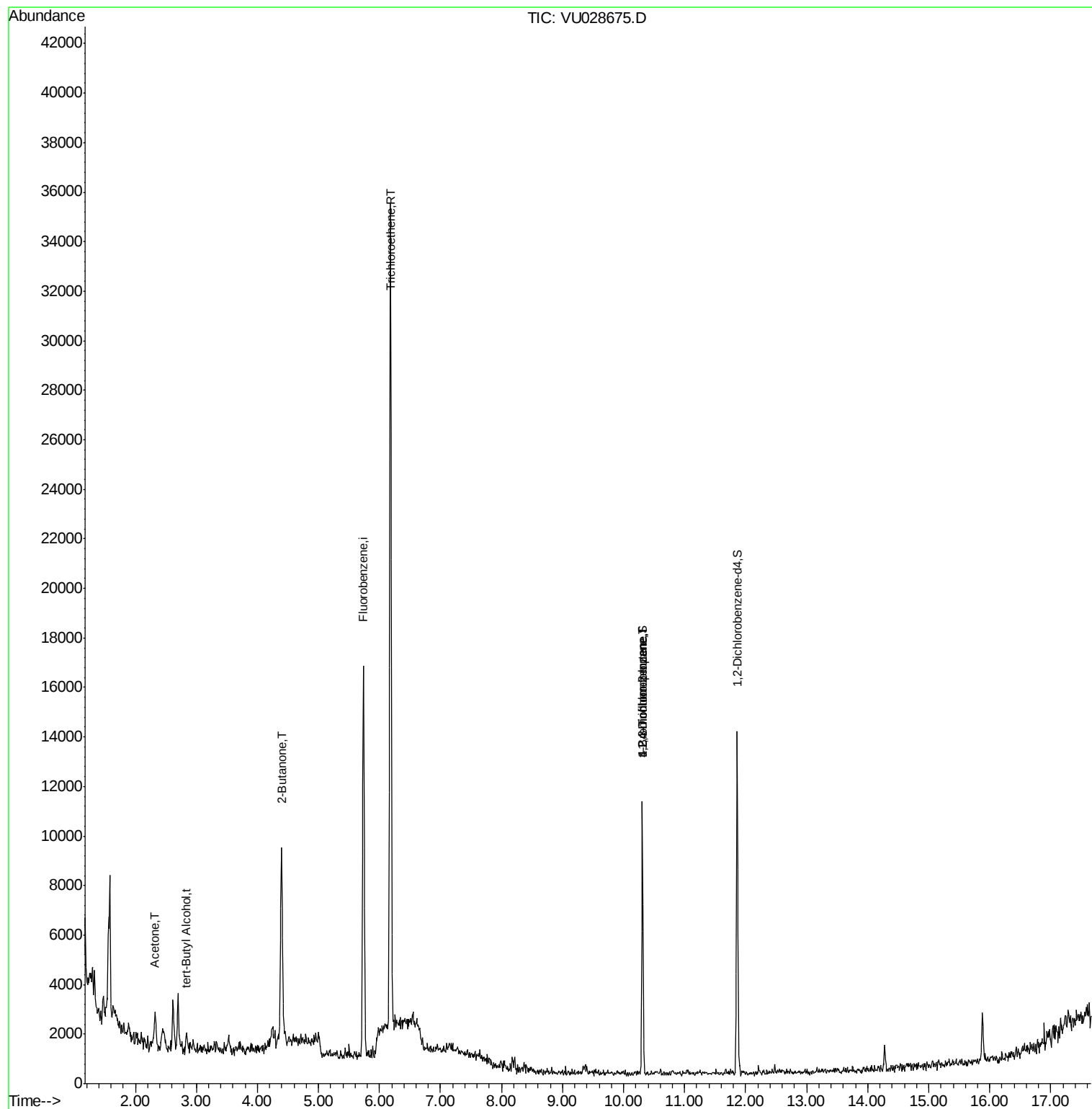
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	14103	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	3868	0.75	ug/l	0.00
Spiked Amount 1.000			Recovery	=	75.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	4018	0.84	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.00%	
Target Compounds						
13) Acetone	2.32	43	1340	1.322	ug/l #	77
18) 2-Butanone	4.40	43	10858	7.169	ug/l	78
24) tert-Butyl Alcohol	2.84	59	318	0.920	ug/l #	72
37) Trichloroethene	6.18	130	10436	2.630	ug/l	89
46) t-1,4-Dichloro-2-butene	10.31	75	2151	1.655	ug/l #	23
71) 1,2,3-Trichloropropane	10.31	75	2151	0.741	ug/l #	47

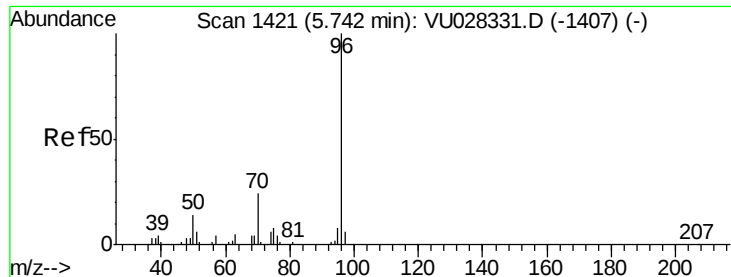
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028675.D

Acq: 13 Dec 2018 13:41

Instrument :

MSVOA_U

ClientSampleId :

P001-TW001-01

Tot Ion: 96 Resp: 14103

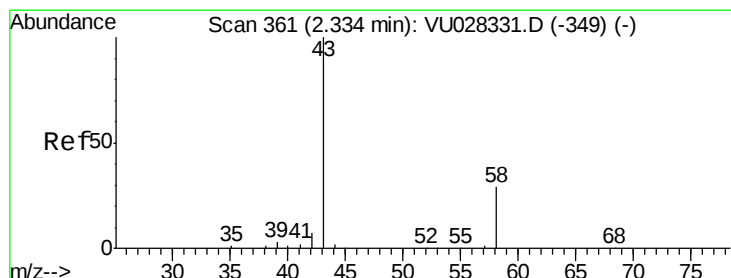
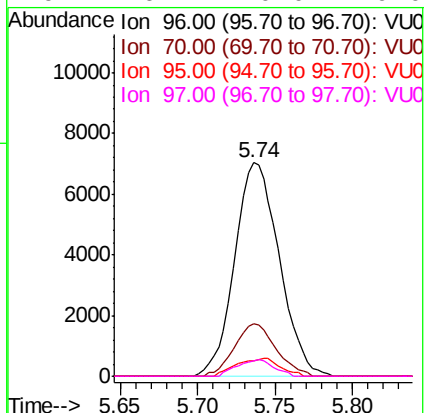
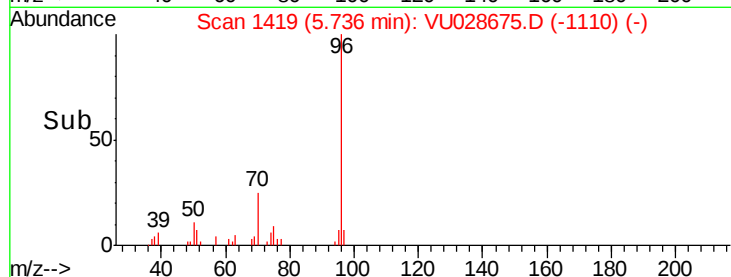
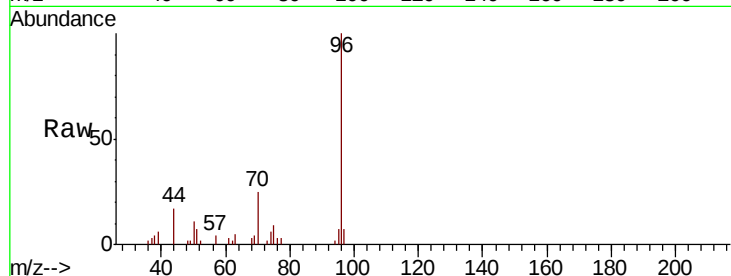
Ion Ratio Lower Upper

96 100

70 22.9 17.8 26.8

95 8.2 7.6 11.4

97 6.4 0.0 0.0#



#13

Acetone

Concen: 1.322 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.01 min

Lab File: VU028675.D

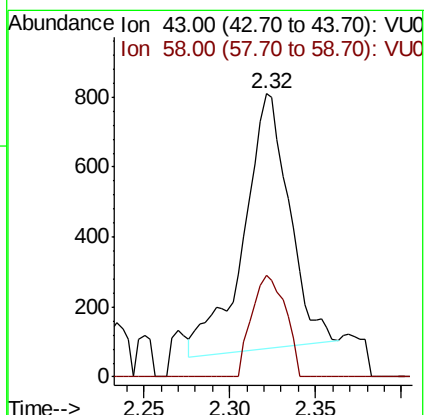
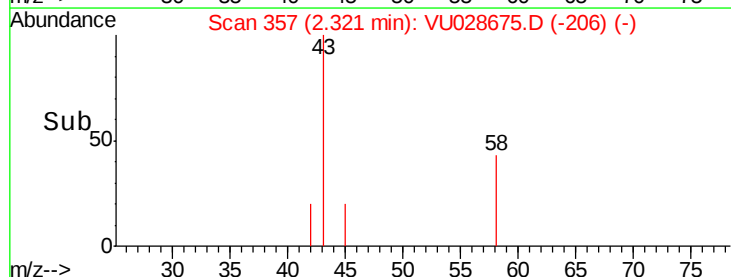
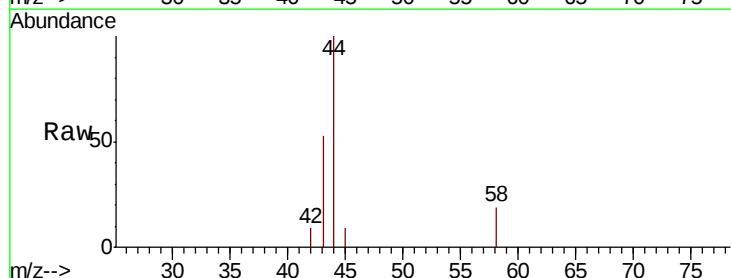
Acq: 13 Dec 2018 13:41

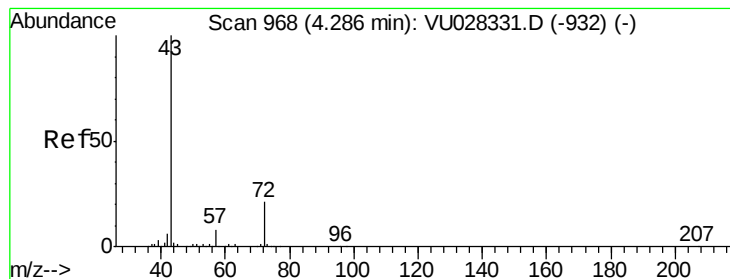
Tgt Ion: 43 Resp: 1340

Ion Ratio Lower Upper

43 100

58 41.1 23.1 34.7#





#18

2-Butanone

Concen: 7.169 ug/l

RT: 4.40 min Scan# 1002

Delta R.T. 0.11 min

Lab File: VU028675.D

Acq: 13 Dec 2018 13:41

Instrument :

MSVOA_U

ClientSampleId :

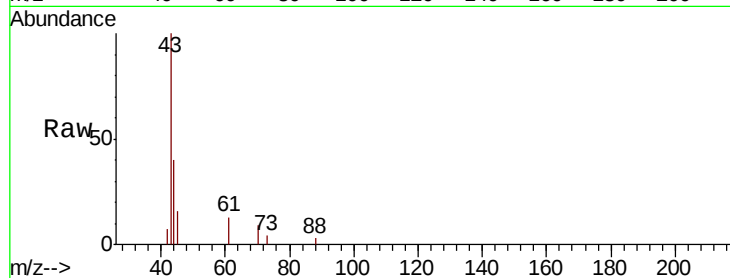
P001-TW001-01

Tot Ion: 43 Resp: 10858

Ion Ratio Lower Upper

43 100

57 0.0 0.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VU028331.D (-932) (-)

Ion 57.00 (56.70 to 57.70): VU028331.D (-932) (-)

4.40

5000

4000

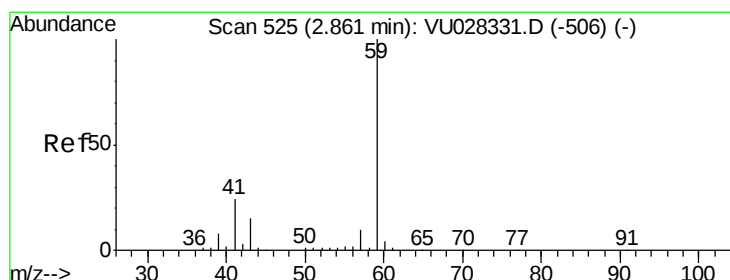
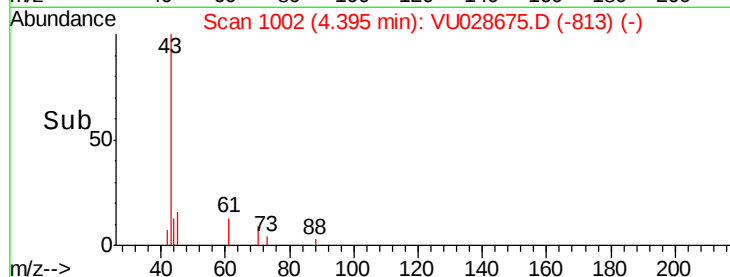
3000

2000

1000

0

Time--> 4.30 4.35 4.40 4.45



#24

tert-Butyl Alcohol

Concen: 0.920 ug/l

RT: 2.84 min Scan# 517

Delta R.T. -0.03 min

Lab File: VU028675.D

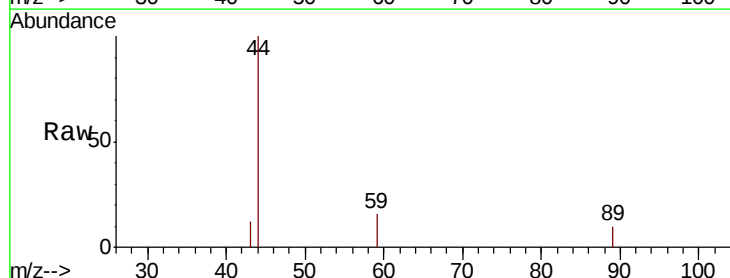
Acq: 13 Dec 2018 13:41

Tgt Ion: 59 Resp: 318

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VU028331.D (-506) (-)

Ion 57.00 (56.70 to 57.70): VU028331.D (-506) (-)

2.84

250

200

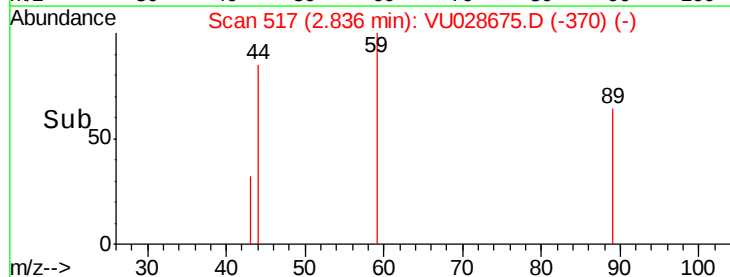
150

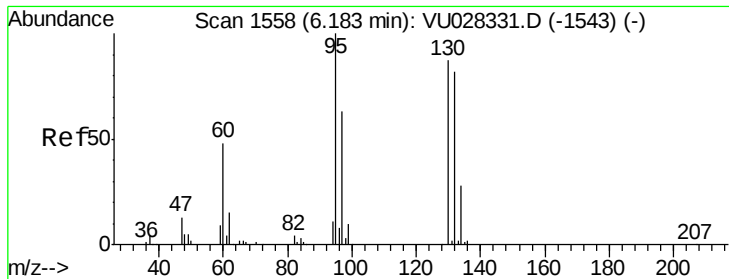
100

50

0

Time--> 2.82 2.84 2.86





#37

Trichloroethene

Concen: 2.630 ug/l

RT: 6.18 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VU028675.D

Acq: 13 Dec 2018 13:41

Instrument :

MSVOA_U

ClientSampleId :

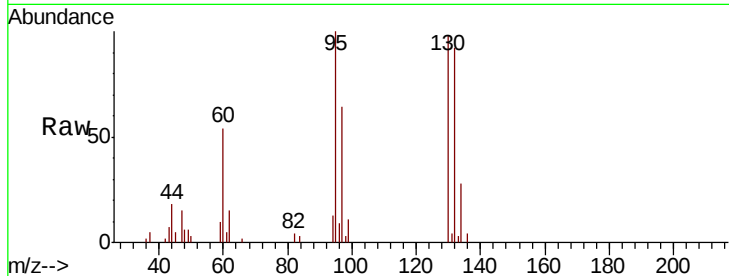
P001-TW001-01

Tot Ion:130 Resp: 10436

Ion Ratio Lower Upper

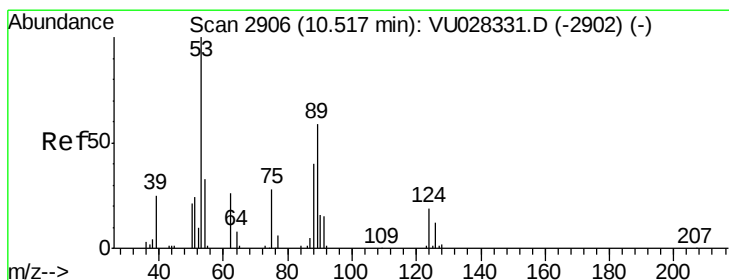
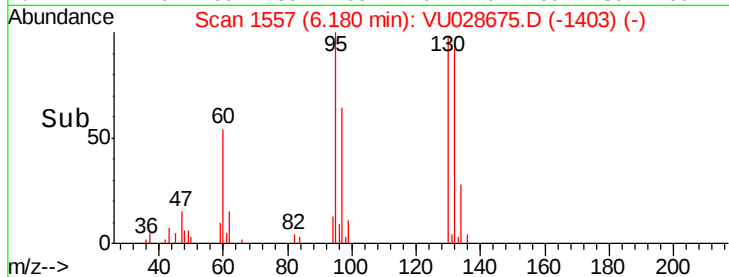
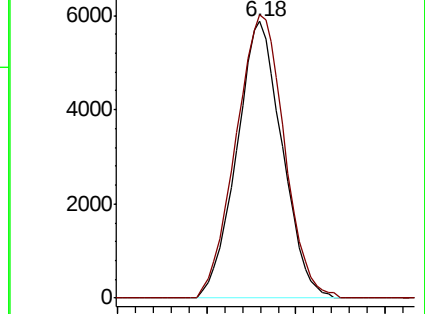
130 100

95 102.4 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: 1.655 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU028675.D

Acq: 13 Dec 2018 13:41

Tgt Ion: 75 Resp: 2151

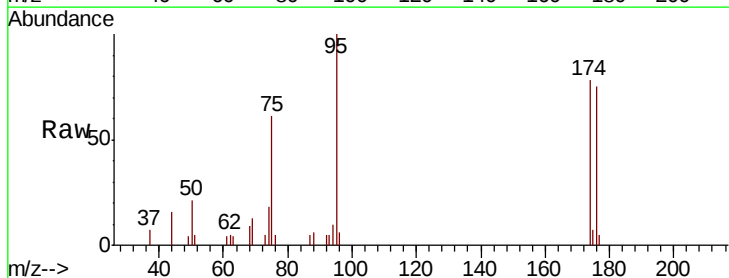
Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.6#

89 0.0 38.6 58.0#

88 4.8 27.3 40.9#

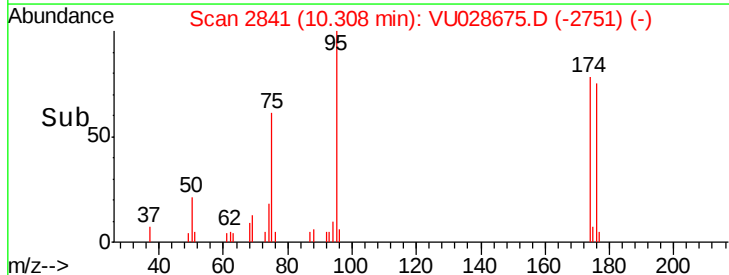
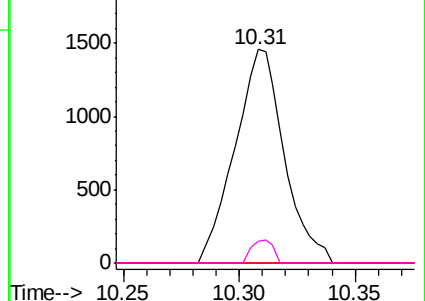


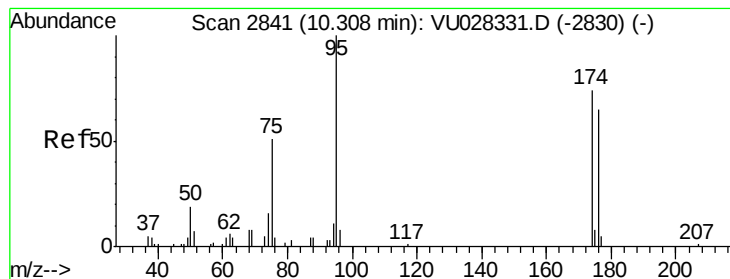
Abundance Ion 74.90 (74.60 to 75.60): VU028331.D (-2902) (-)

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: VU028675.D

Acq: 13 Dec 2018 13:41

Instrument :

MSVOA_U

ClientSampleId :

P001-TW001-01

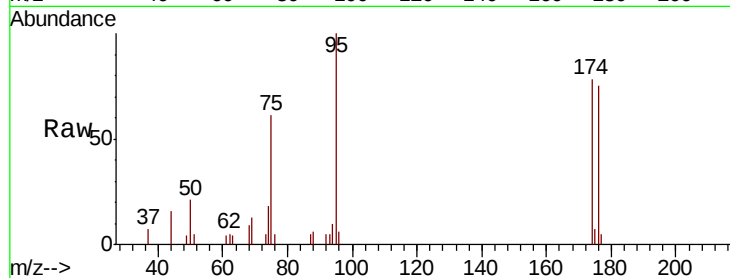
Tot Ion: 95 Resp: 3868

Ion Ratio Lower Upper

95 100

174 77.9 59.3 88.9

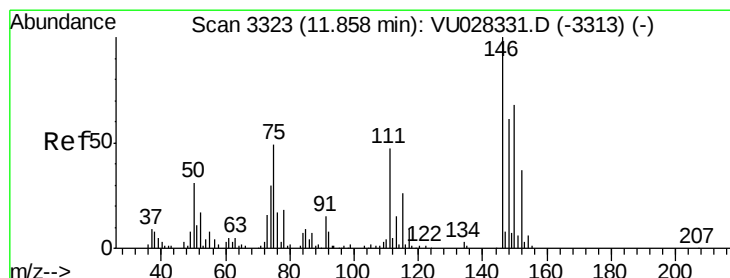
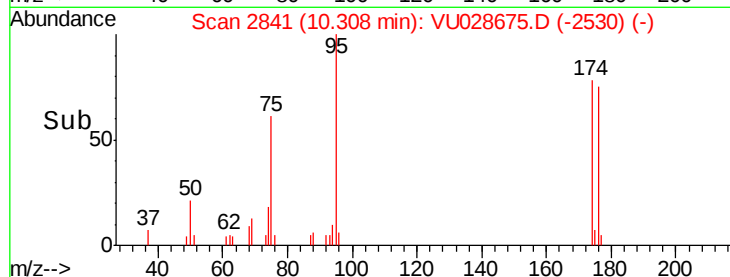
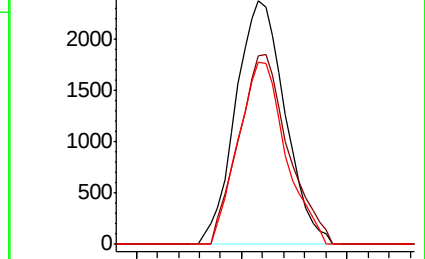
176 72.1 54.3 81.5



Abundance Ion 95.00 (94.70 to 95.70): VU028331.D (-2830) (-)

Ion 174.00 (173.70 to 174.70): VU028331.D (-2830) (-)

Ion 176.00 (175.70 to 176.70): VU028331.D (-2830) (-)



#68

1,2-Dichlorobenzene-d4

Concen: N.D. ug/l

RT: 11.86 min Scan# 3323

Delta R.T. -0.00 min

Lab File: VU028675.D

Acq: 13 Dec 2018 13:41

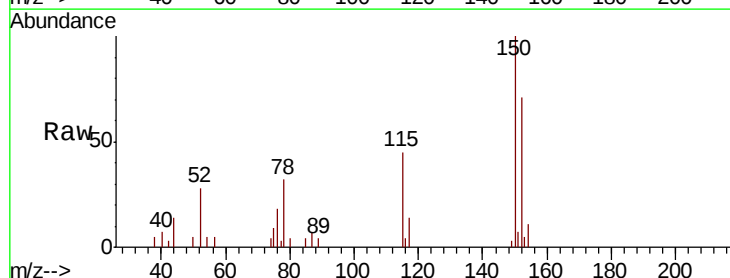
Tgt Ion: 152 Resp: 4018

Ion Ratio Lower Upper

152 100

115 63.8 0.0 146.8

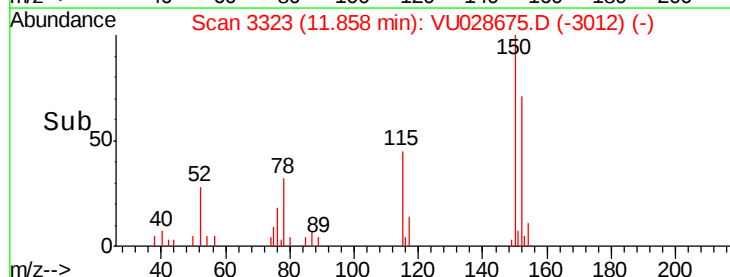
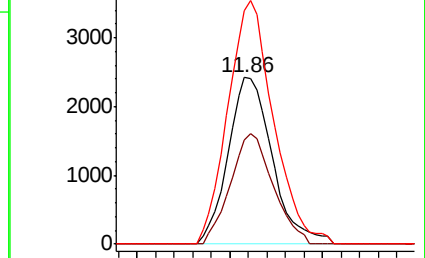
150 150.1 0.0 653.2

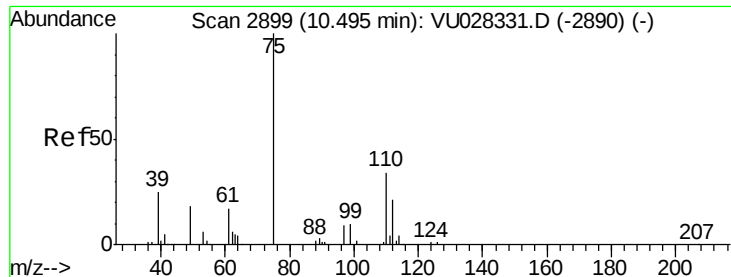


Abundance Ion 152.00 (151.70 to 152.70): VU028331.D (-3313) (-)

Ion 115.00 (114.70 to 115.70): VU028331.D (-3313) (-)

Ion 150.00 (149.70 to 150.70): VU028331.D (-3313) (-)

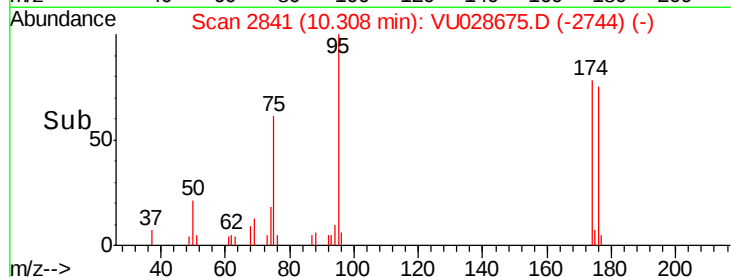
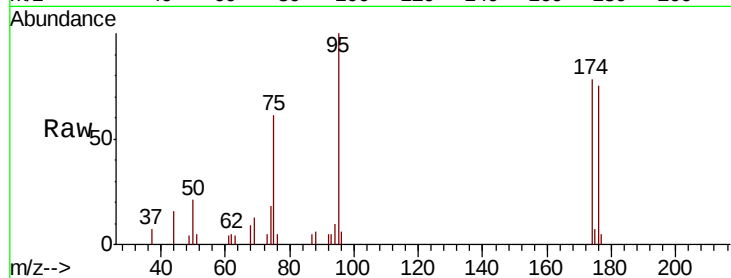




#71
 1,2,3-Trichloropropane
 Concen: 0.741 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU028675.D
 Acq: 13 Dec 2018 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-TW001-01

Tot Ion: 75 Resp: 2151
 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

