

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121418\
 Data File : VU028670.D
 Acq On : 13 Dec 2018 11:17
 Operator : MD/SY
 Sample : J6377-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-C-181211-01

Quant Time: Dec 14 05:35:57 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

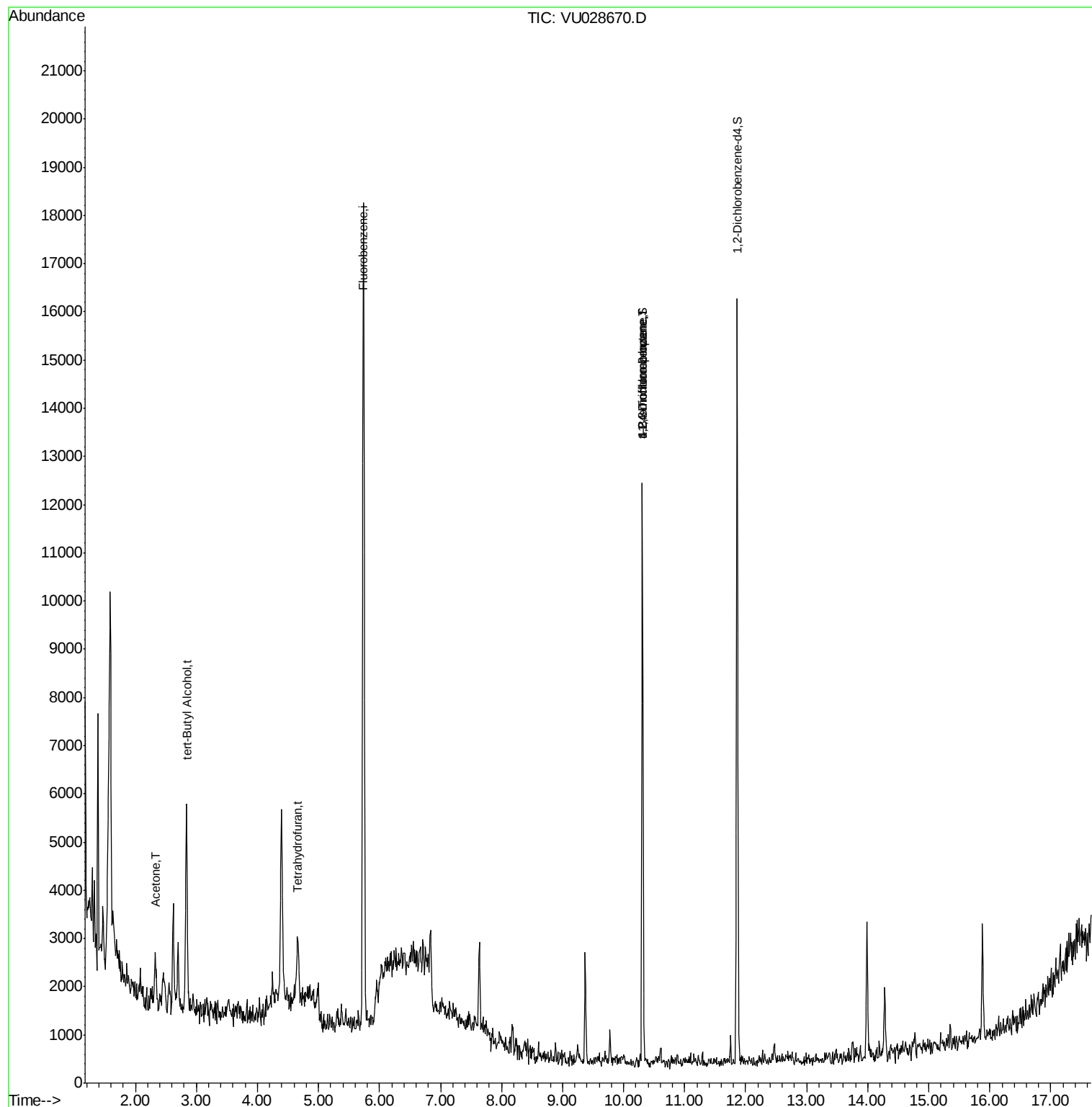
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.74	96	15631	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	4321	0.75	ug/l	0.00
Spiked Amount 1.000			Recovery	=	75.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	4394	0.82	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.00%	
Target Compounds					Ovalue	
13) Acetone	2.32	43	949	0.845	ug/l #	71
24) tert-Butyl Alcohol	2.84	59	4873	12.726	ug/l #	92
41) Tetrahydrofuran	4.66	42	860	0.757	ug/l #	61
46) t-1,4-Dichloro-2-butene	10.30	75	2472	1.716	ug/l #	22
71) 1,2,3-Trichloropropane	10.30	75	2472	0.768	ug/l #	47
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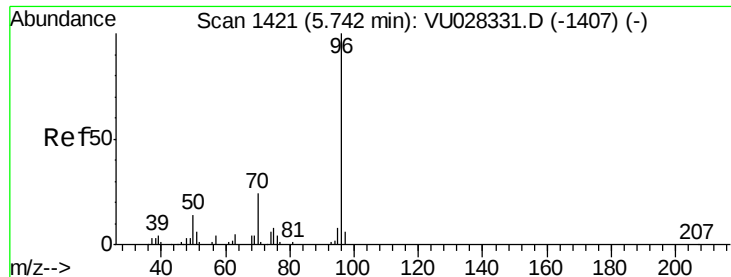
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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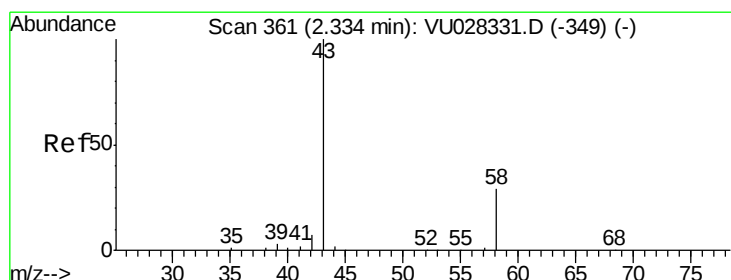
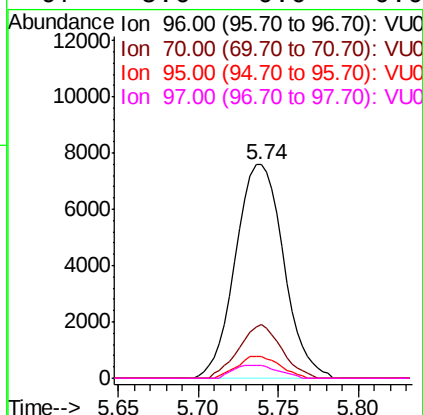
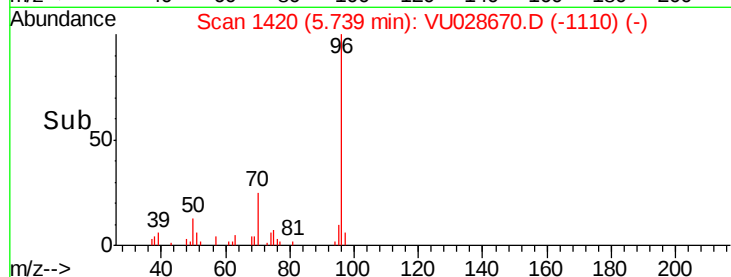
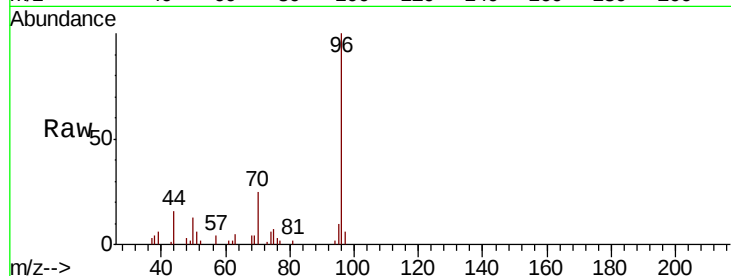




#1
 Fluorobenzene
 Concen: 1.000 ug/l
 RT: 5.74 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: VU028670.D
 Acq: 13 Dec 2018 11:17

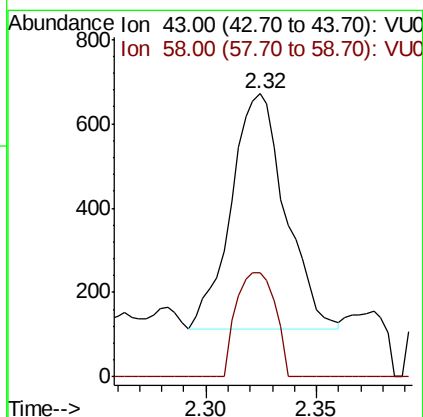
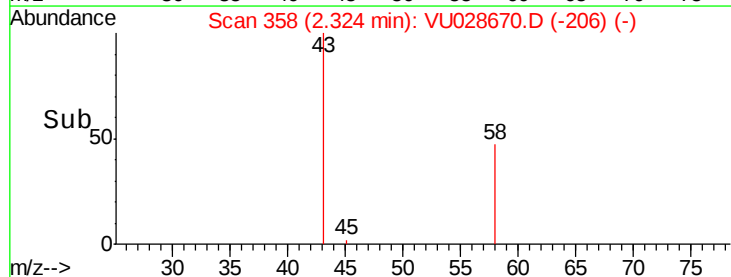
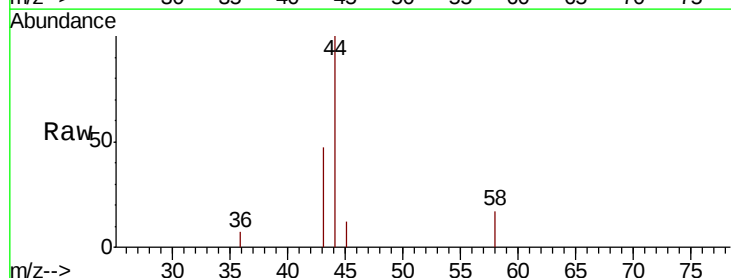
Instrument :
 MSVOA_U
 ClientSampleId :
 TB-C-181211-01

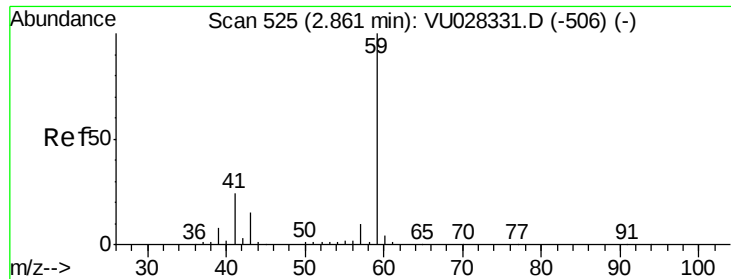
Tot Ion:	96	Resp:	15631
Ion	Ratio	Lower	Upper
96	100		
70	22.1	17.8	26.8
95	9.1	7.6	11.4
97	5.6	0.0	0.0#



#13
 Acetone
 Concen: 0.845 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. -0.01 min
 Lab File: VU028670.D
 Acq: 13 Dec 2018 11:17

Tgt Ion:	43	Resp:	949
Ion	Ratio	Lower	Upper
43	100		
58	44.6	23.1	34.7#





#24

tert-Butyl Alcohol

Concen: 12.726 ug/l

RT: 2.84 min Scan# 518

Delta R.T. -0.02 min

Lab File: VU028670.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_U

ClientSampleId :

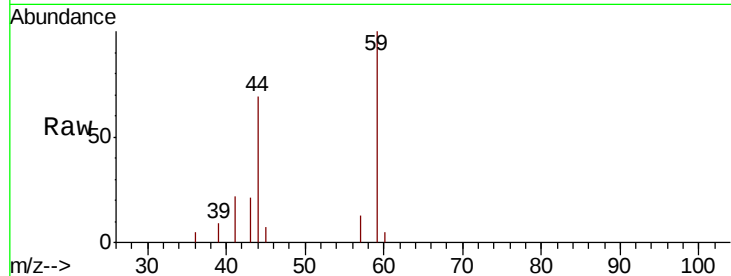
TB-C-181211-01

Tot Ion: 59 Resp: 4873

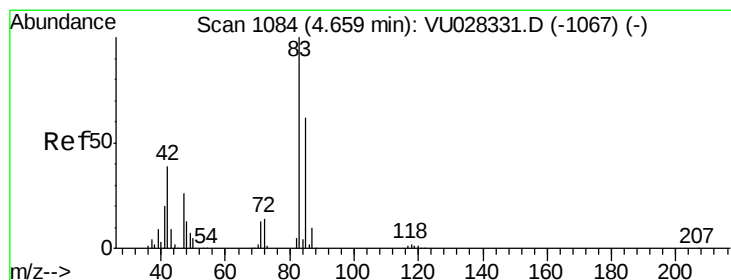
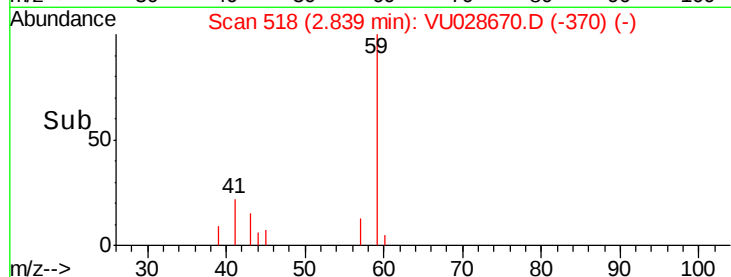
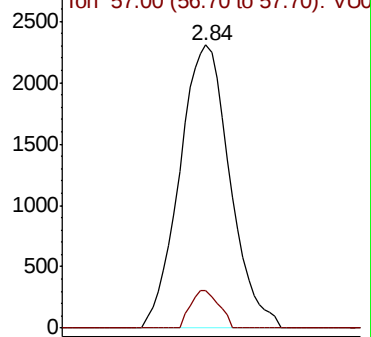
Ion Ratio Lower Upper

59 100

57 7.5 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VU028670.D (-506) (-)



#41

Tetrahydrofuran

Concen: 0.757 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VU028670.D

Acq: 13 Dec 2018 11:17

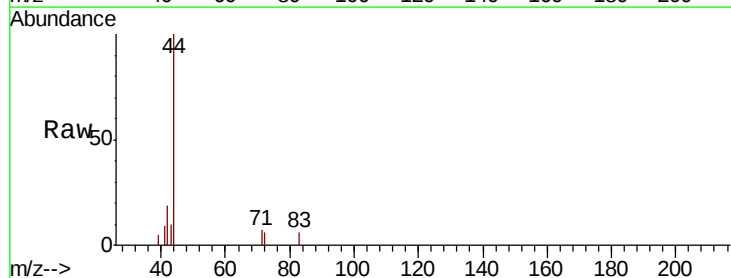
Tgt Ion: 42 Resp: 860

Ion Ratio Lower Upper

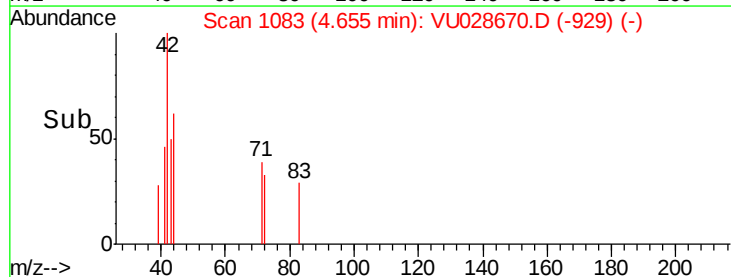
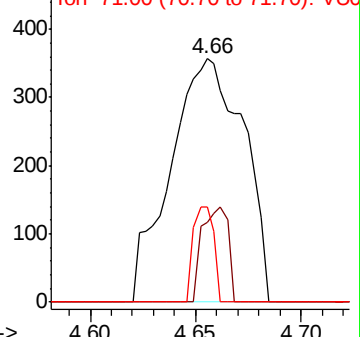
42 100

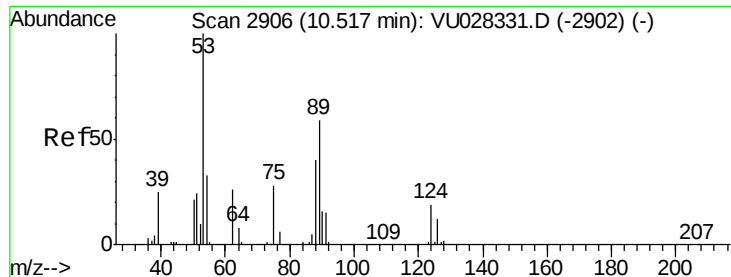
72 13.8 29.8 44.6#

71 11.0 25.9 38.9#



Abundance Ion 42.00 (41.70 to 42.70): VU028670.D (-929) (-)

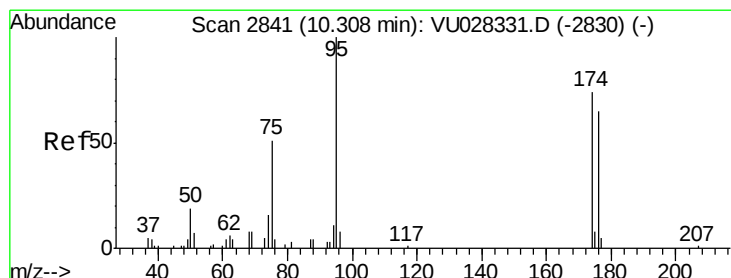
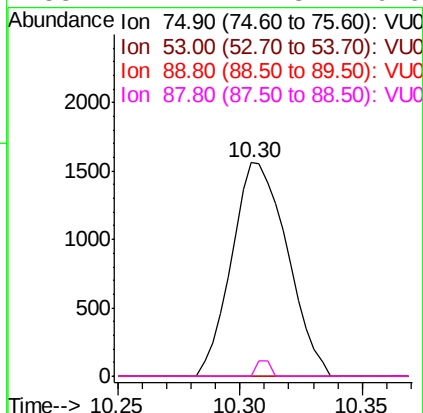
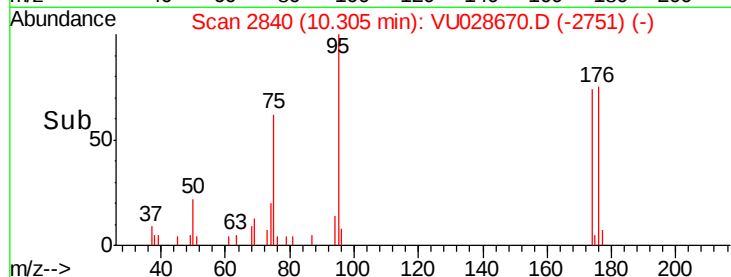
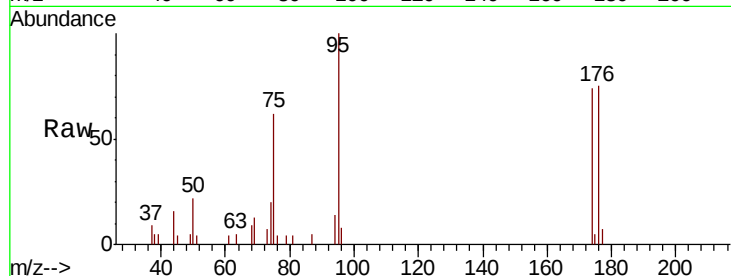




#46
t-1,4-Dichloro-2-butene
Concen: 1.716 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU028670.D
Acq: 13 Dec 2018 11:17

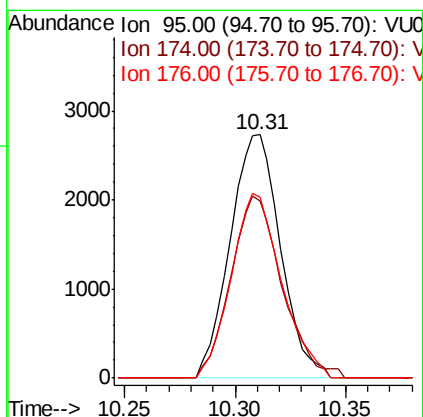
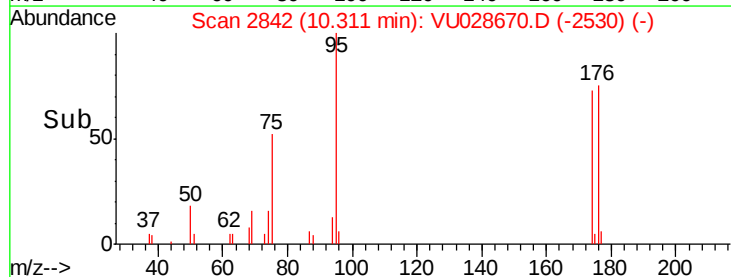
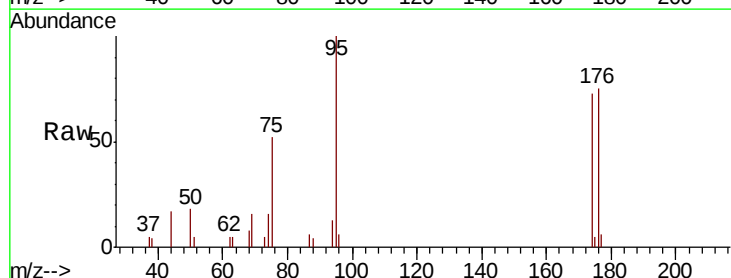
Instrument :
MSVOA_U
ClientSampleId :
TB-C-181211-01

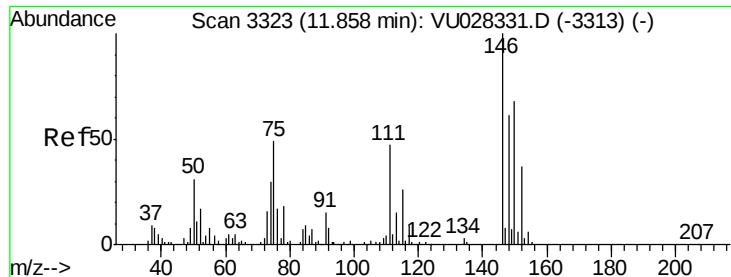
Tot Ion: 75 Resp: 2472
Ion Ratio Lower Upper
75 100
53 0.0 65.0 97.6#
89 0.0 38.6 58.0#
88 1.7 27.3 40.9#



#57
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.00 min
Lab File: VU028670.D
Acq: 13 Dec 2018 11:17

Tgt Ion: 95 Resp: 4321
Ion Ratio Lower Upper
95 100
174 76.0 59.3 88.9
176 76.1 54.3 81.5

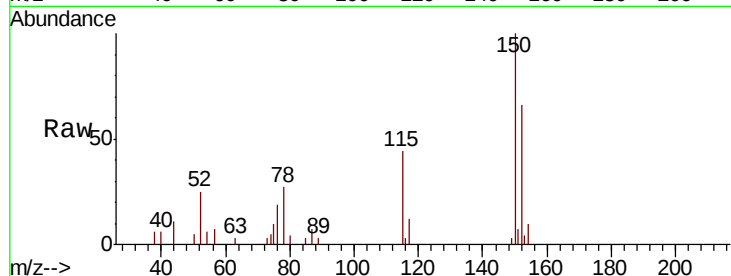




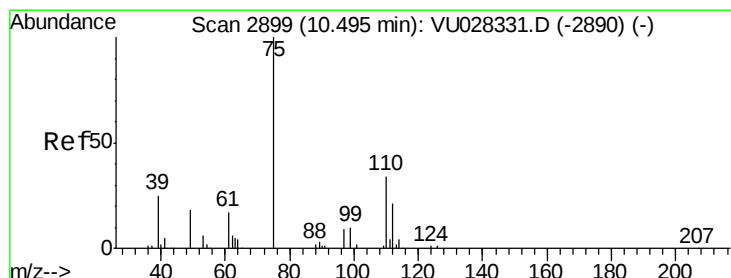
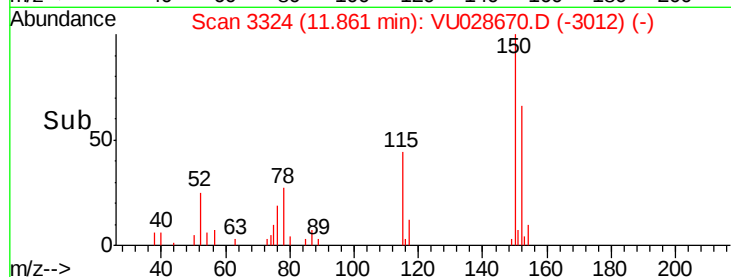
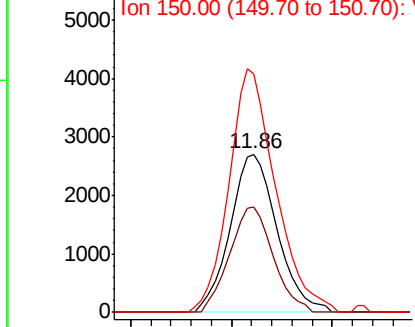
#68
 1,2-Dichlorobenzene-d4
 Concen: N.D. ug/l
 RT: 11.86 min Scan# 3324
 Delta R.T. 0.00 min
 Lab File: VU028670.D
 Acq: 13 Dec 2018 11:17

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-C-181211-01

Tot Ion:152 Resp: 4394
 Ion Ratio Lower Upper
 152 100
 115 61.9 0.0 146.8
 150 153.3 0.0 653.2

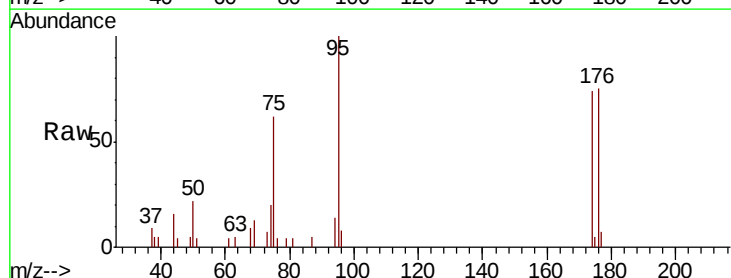


Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V



#71
 1,2,3-Trichloropropane
 Concen: 0.768 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028670.D
 Acq: 13 Dec 2018 11:17

Tgt Ion: 75 Resp: 2472
 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

