

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU051418\
 Data File : VU023848.D
 Acq On : 14 May 2018 11:28
 Operator : MD/SY
 Sample : VU0514WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 15 04:08:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu May 03 10:23:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.75	96	38323	1.00	ug/l	0.00

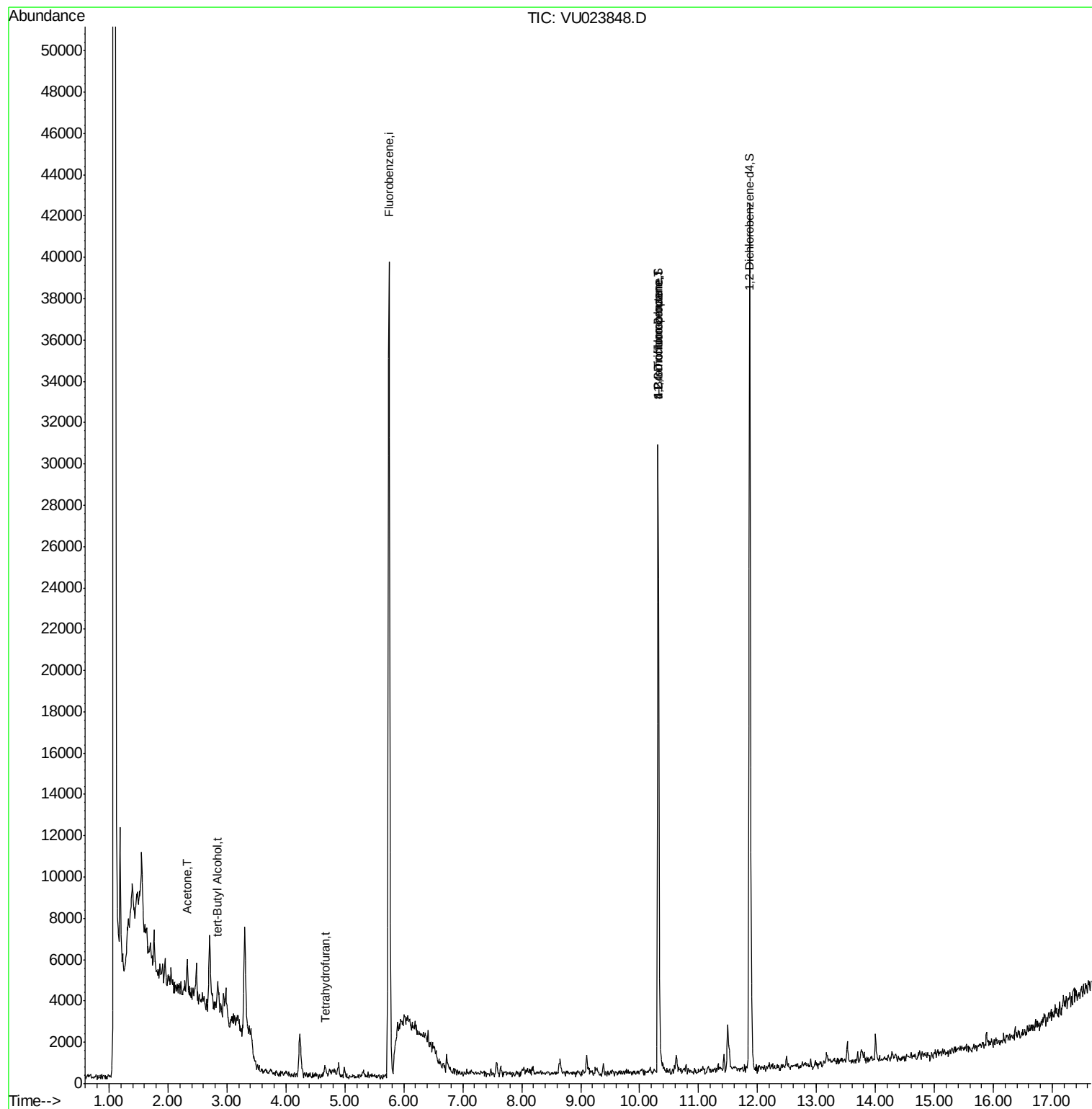
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	11231	0.90	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.00%	
68) 1,2-Dichlorobenzene-d4	11.87	152	13003	1.07	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.00%	

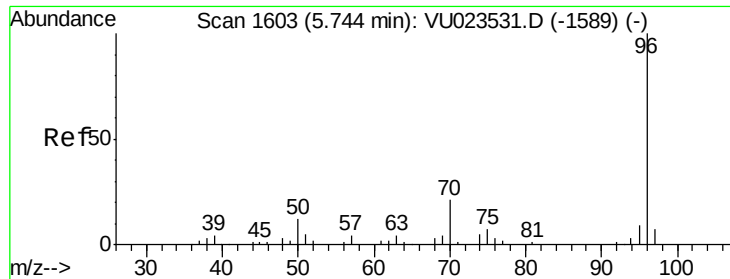
Target Compounds						Qvalue
13) Acetone	2.33	43	1696	1.07	ug/l	93
24) tert-Butyl Alcohol	2.84	59	658	1.18	ug/l #	87
41) Tetrahydrofuran	4.67	42	503	0.26	ug/l #	42
46) t-1,4-Dichloro-2-butene	10.32	75	5435	3.06	ug/l #	13
71) 1,2,3-Trichloropropane	10.32	75	5435	0.93	ug/l #	44
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.00 ug/l

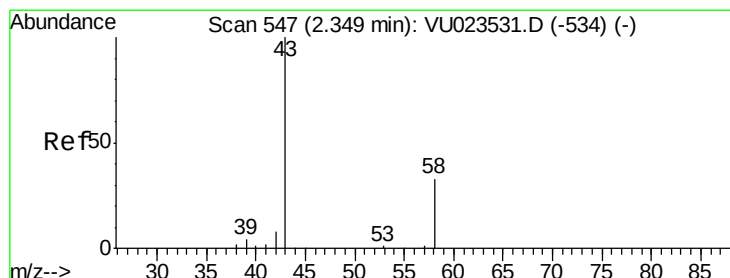
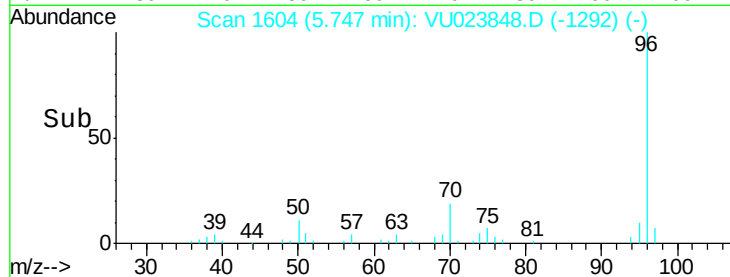
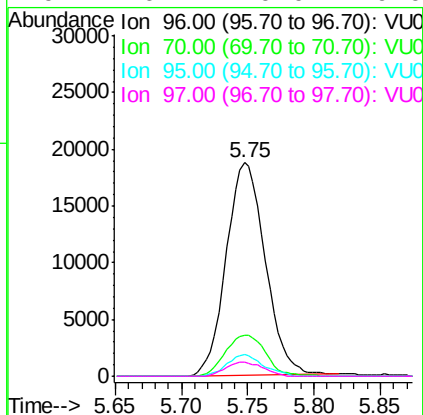
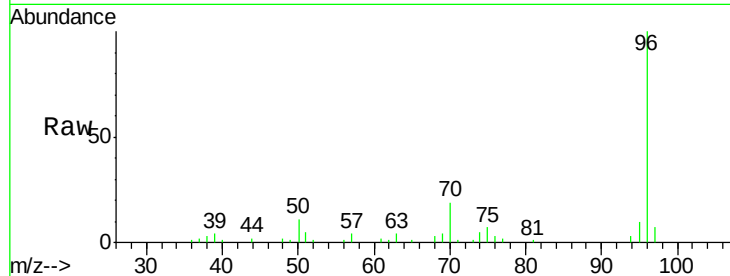
RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU023848.D

Acq: 14 May 2018 11:28

Tgt Ion:	96	Resp:	38323
Ion	Ratio	Lower	Upper
96	100		
70	20.1	16.2	24.4
95	9.3	6.9	10.3
97	6.4	0.0	0.0#



#13

Acetone

Concen: 1.07 ug/l

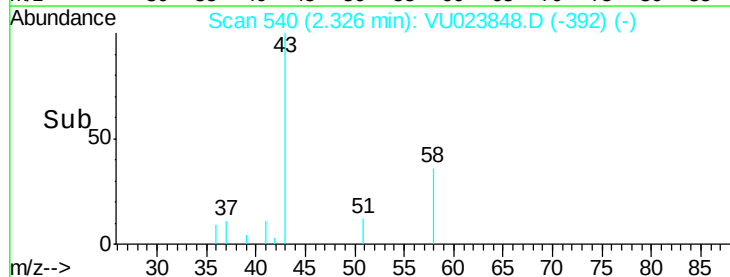
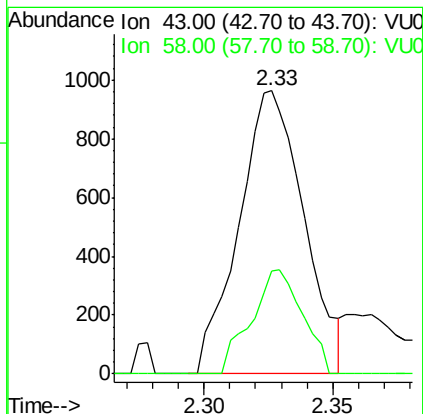
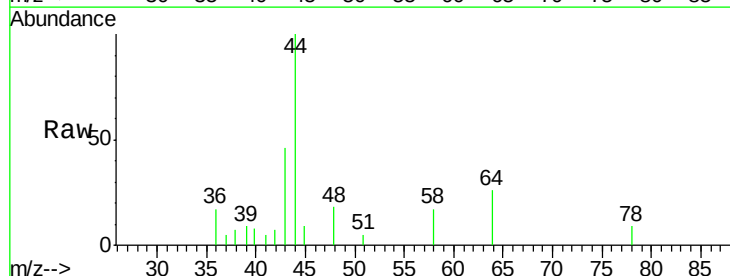
RT: 2.33 min Scan# 540

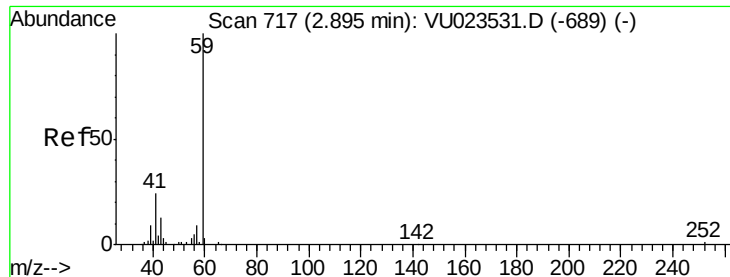
Delta R.T. -0.02 min

Lab File: VU023848.D

Acq: 14 May 2018 11:28

Tgt Ion:	43	Resp:	1696
Ion	Ratio	Lower	Upper
43	100		
58	36.4	26.0	39.0





#24

tert-Butyl Alcohol

Concen: 1.18 ug/l

RT: 2.84 min Scan# 699

Delta R.T. -0.06 min

Lab File: VU023848.D

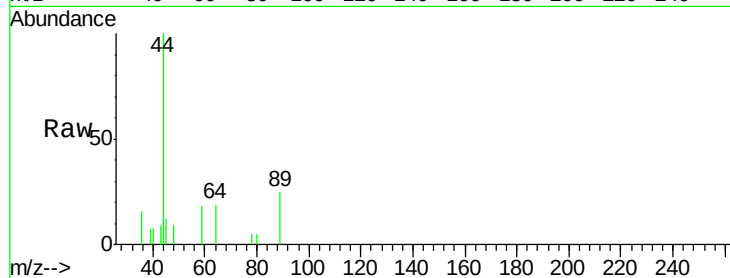
Acq: 14 May 2018 11:28

Tgt Ion: 59 Resp: 658

Ion Ratio Lower Upper

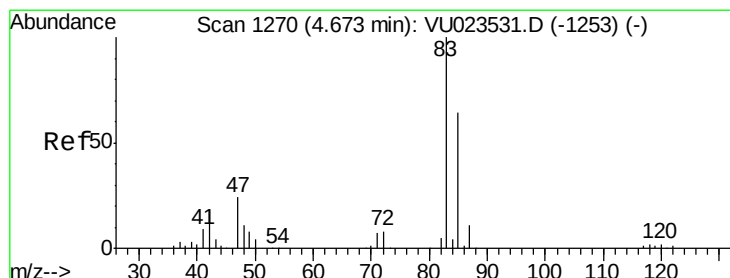
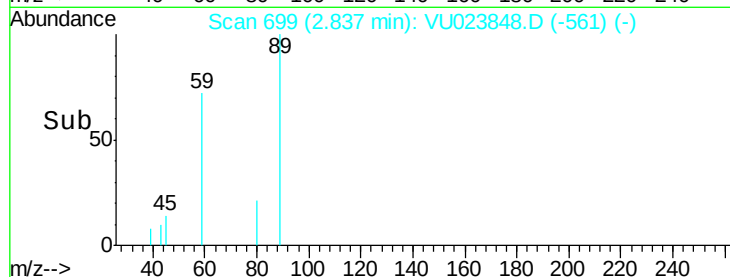
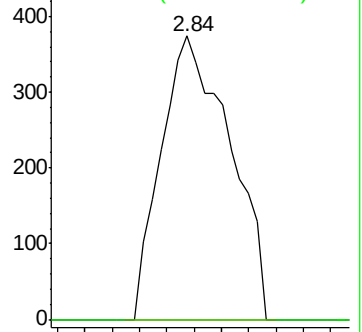
59 100

57 0.0 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#41

Tetrahydrofuran

Concen: 0.26 ug/l

RT: 4.67 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU023848.D

Acq: 14 May 2018 11:28

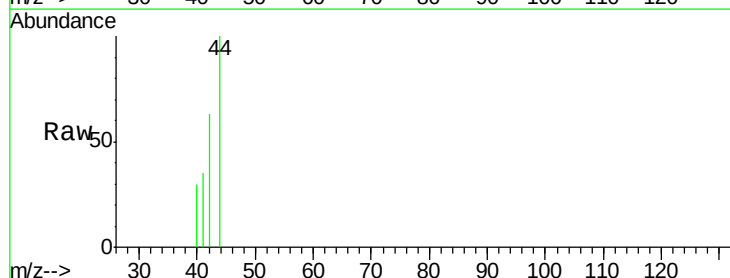
Tgt Ion: 42 Resp: 503

Ion Ratio Lower Upper

42 100

72 0.0 33.2 49.8#

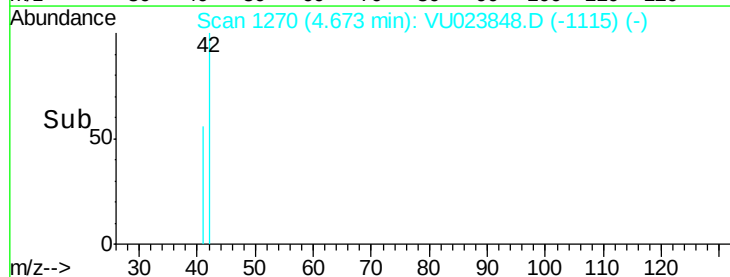
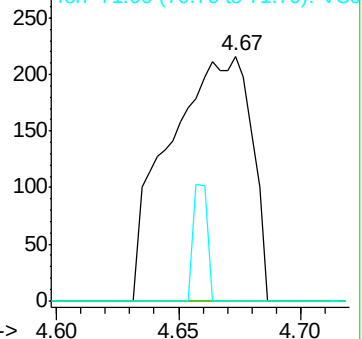
71 8.0 29.8 44.8#

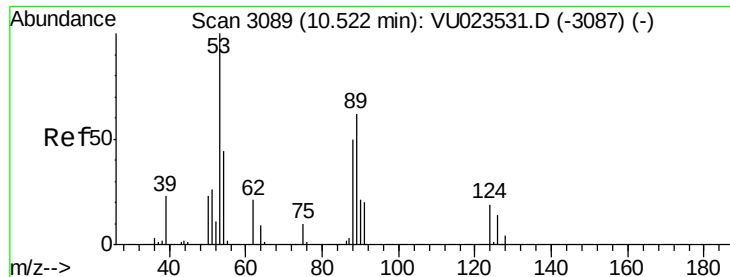


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

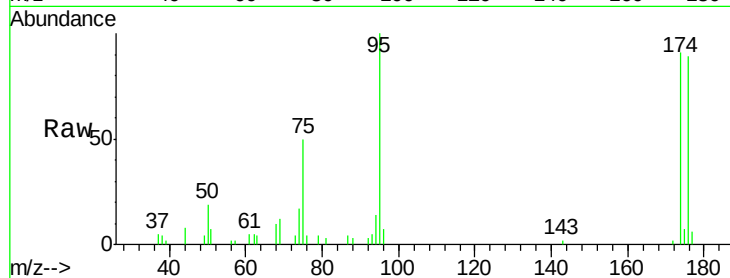
Ion 71.00 (70.70 to 71.70): VU0





#46
t-1,4-Dichloro-2-butene
Concen: 3.06 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. -0.21 min
Lab File: VU023848.D
Acq: 14 May 2018 11:28

Tgt Ion:	75	Resp:	5435
Ion	Ratio	Lower	Upper
75	100		
53	0.0	82.2	123.4#
89	0.0	51.3	76.9#
88	5.5	37.4	56.2#

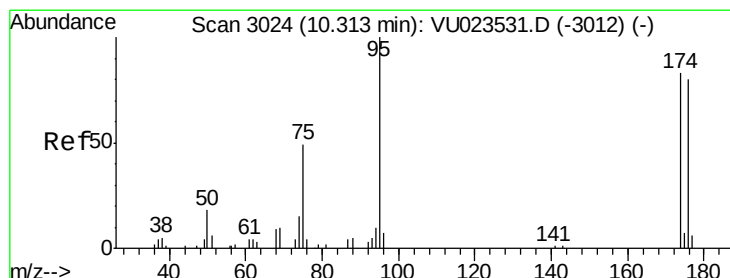
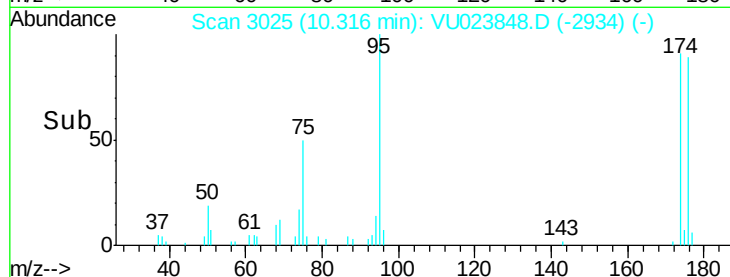
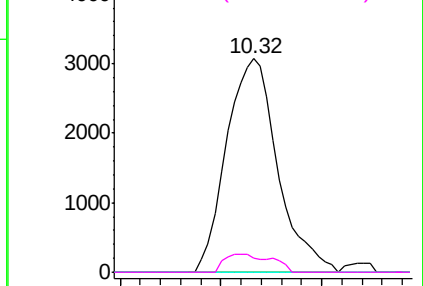


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

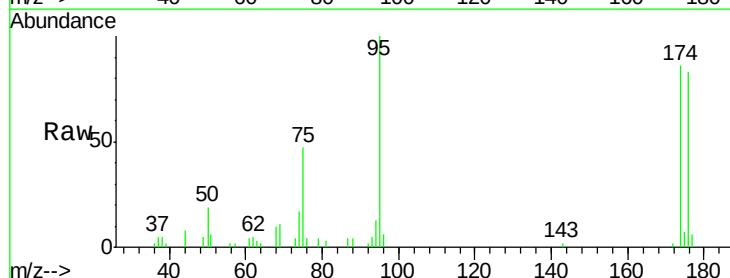
Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0



#57
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 10.31 min Scan# 3024
Delta R.T. -0.00 min
Lab File: VU023848.D
Acq: 14 May 2018 11:28

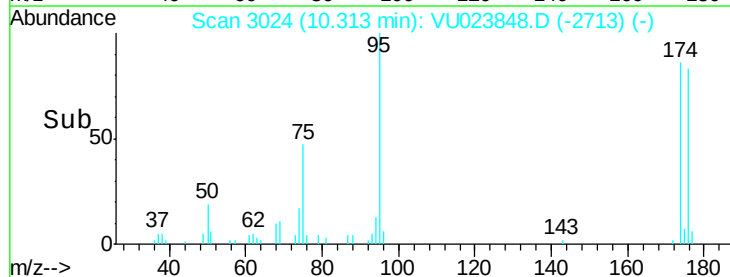
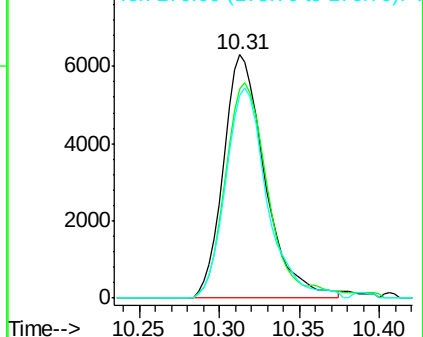
Tgt Ion:	95	Resp:	11231
Ion	Ratio	Lower	Upper
95	100		
174	90.8	65.6	98.4
176	85.5	62.0	93.0

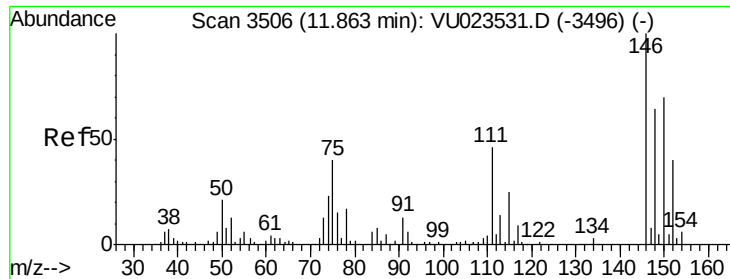


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

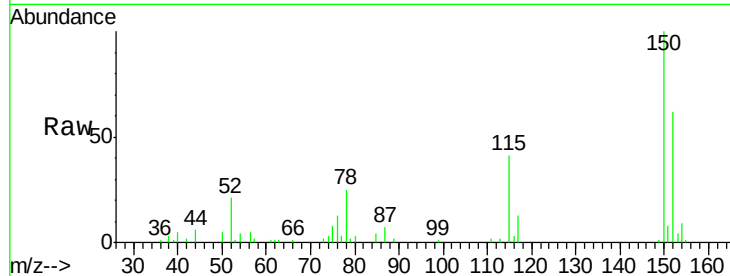
Ion 176.00 (175.70 to 176.70): V



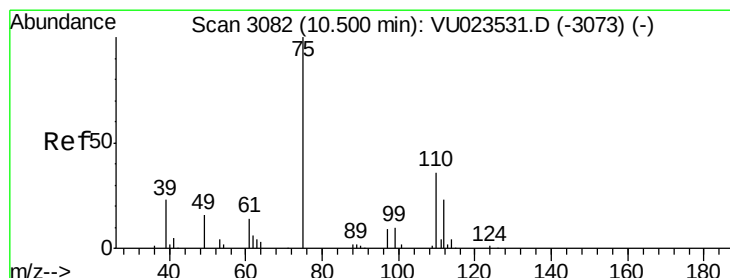
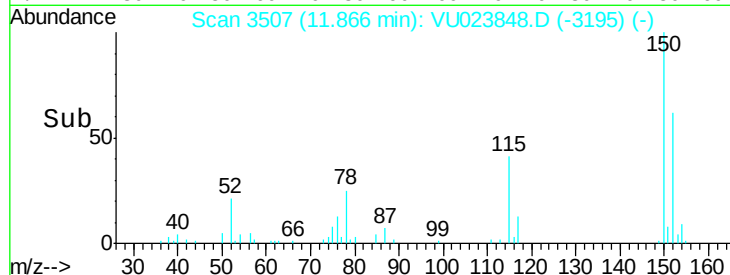
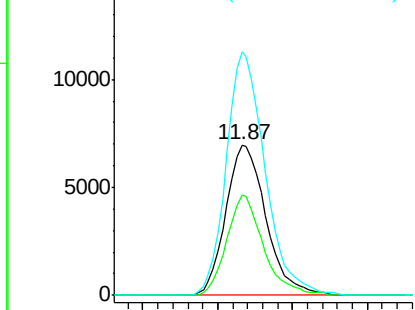


#68
 1,2-Dichlorobenzene-d4
 Concen: N.D. ug/l
 RT: 11.87 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VU023848.D
 Acq: 14 May 2018 11:28

Tgt Ion: 152 Resp: 13003
 Ion Ratio Lower Upper
 152 100
 115 61.0 0.0 118.8
 150 156.7 0.0 0.0#

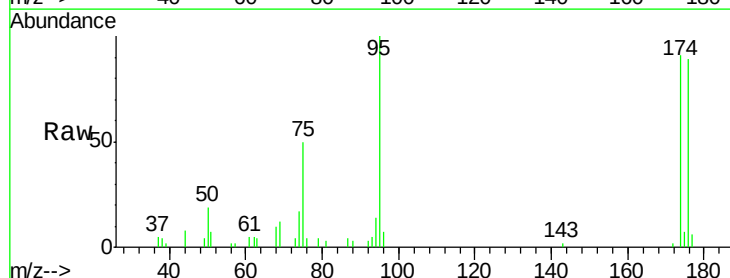


Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V



#71
 1,2,3-Trichloropropane
 Concen: 0.93 ug/l
 RT: 10.32 min Scan# 3025
 Delta R.T. -0.18 min
 Lab File: VU023848.D
 Acq: 14 May 2018 11:28

Tgt Ion: 75 Resp: 5435
 Ion Ratio Lower Upper
 75 100
 77 2.1 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

