

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU051418\
 Data File : VU023851.D
 Acq On : 14 May 2018 13:38
 Operator : MD/SY
 Sample : J2808-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

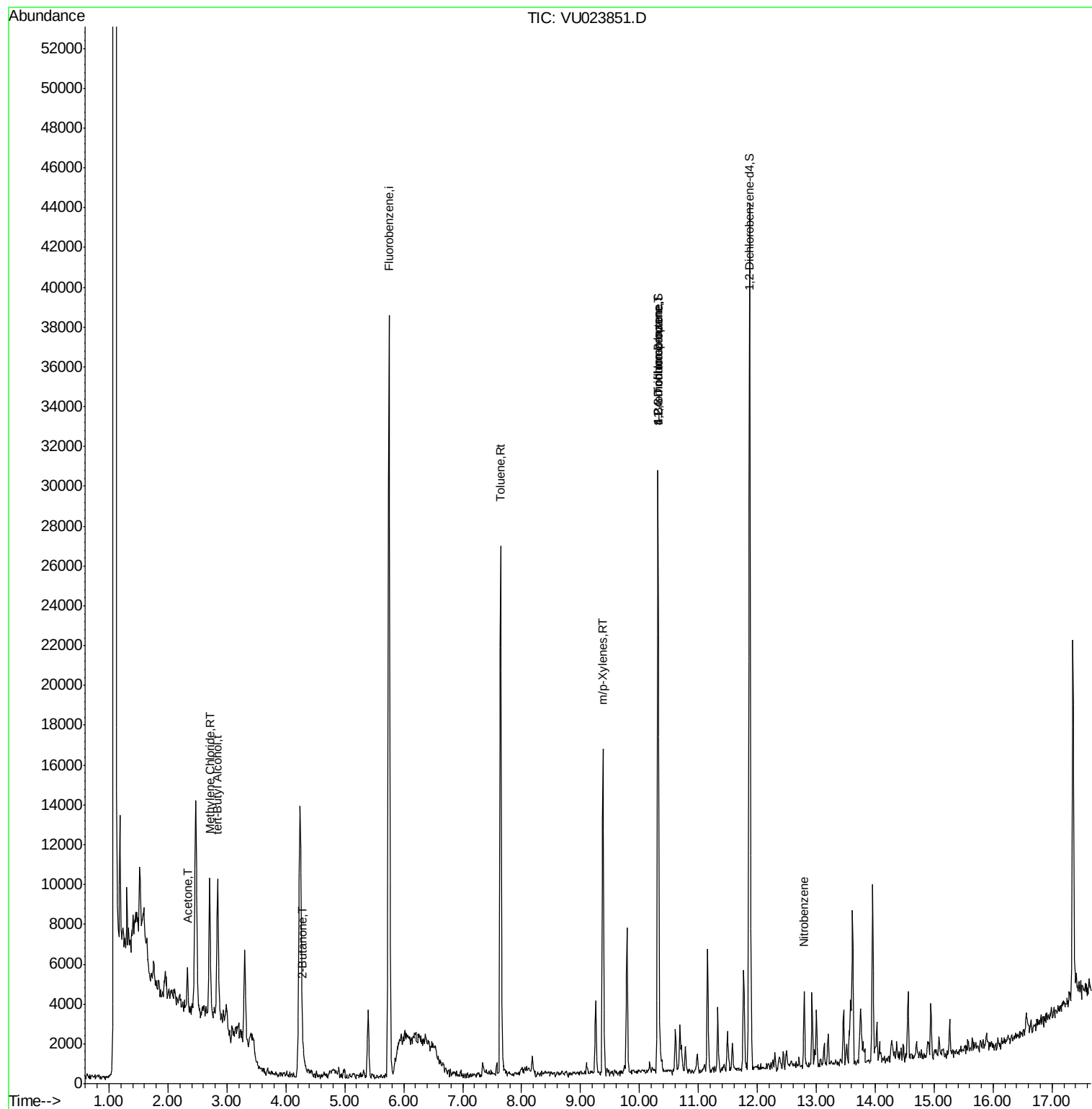
Quant Time: May 15 04:10:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu May 03 10:23:54 2018
 Response via : Initial Calibration

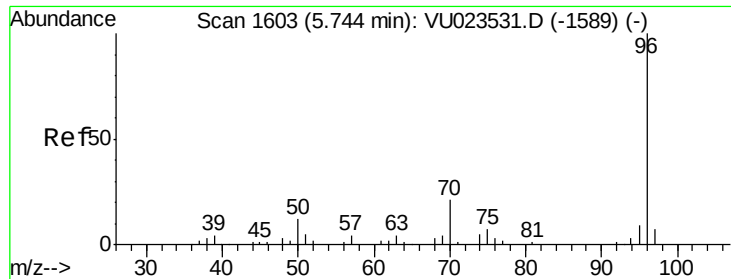
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.75	96	36604	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	11259	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
68) 1,2-Dichlorobenzene-d4	11.87	152	12865	1.11	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.00%	
Target Compounds						Qvalue
13) Acetone	2.33	43	1975	1.30	ug/l	95
15) Methylene Chloride	2.70	84	2667	0.27	ug/l	94
18) 2-Butanone	4.29	43	1043	0.43	ug/l	78
24) tert-Butyl Alcohol	2.84	59	3964	7.43	ug/l #	87
46) t-1,4-Dichloro-2-butene	10.31	75	5396	3.18	ug/l #	14
49) Toluene	7.64	92	12168	0.51	ug/l	95
64) m/p-Xylenes	9.38	106	4725	0.29	ug/l	97
71) 1,2,3-Trichloropropane	10.31	75	5396	0.97	ug/l #	44
80) Nitrobenzene	12.80	77	93	2.66	ug/l #	40
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.00 ug/l

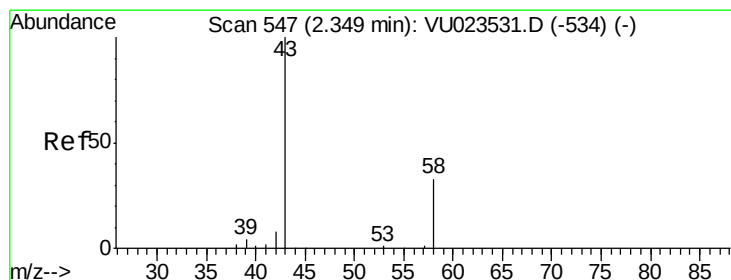
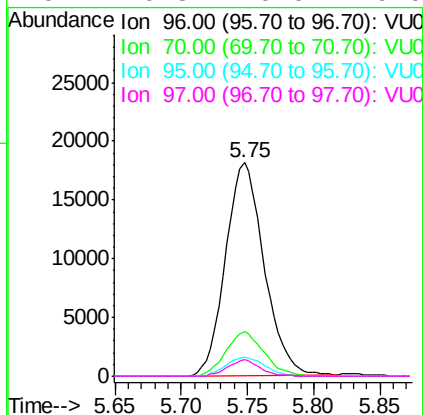
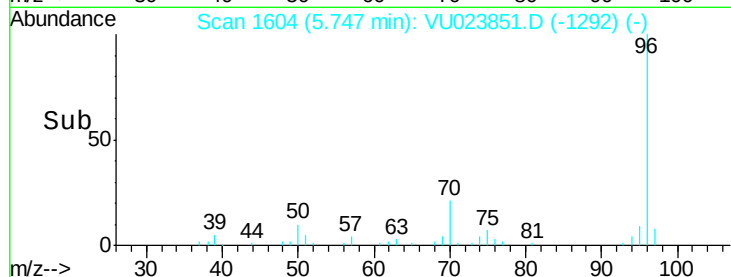
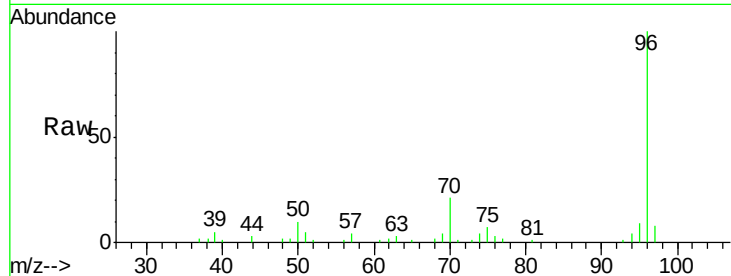
RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU023851.D

Acq: 14 May 2018 13:38

Tgt Ion:	96	Resp:	36604
Ion	Ratio	Lower	Upper
96	100		
70	20.7	16.2	24.4
95	8.8	6.9	10.3
97	6.3	0.0	0.0#



#13

Acetone

Concen: 1.30 ug/l

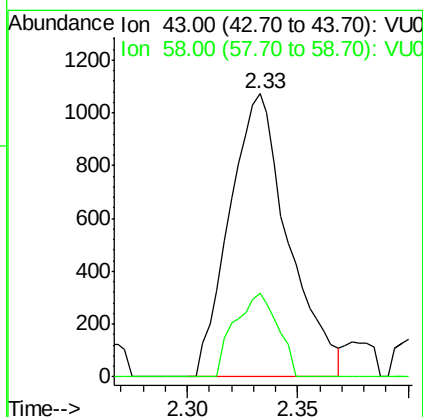
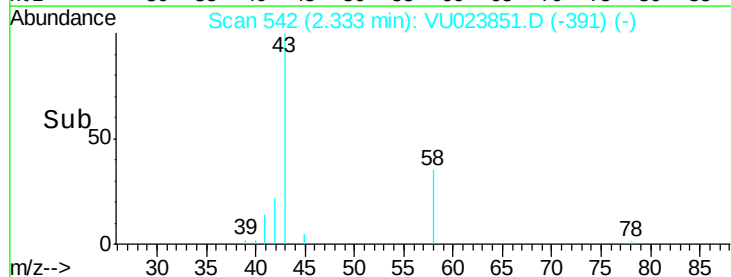
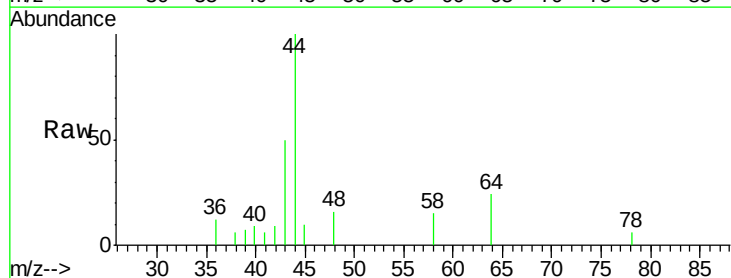
RT: 2.33 min Scan# 542

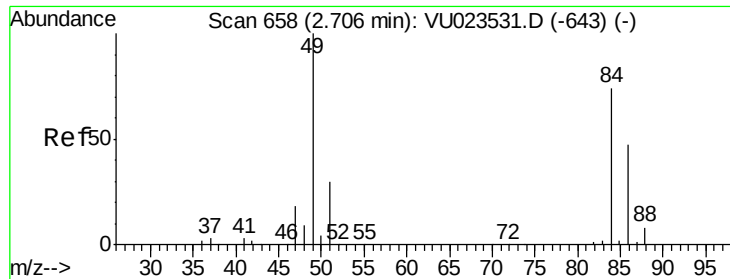
Delta R.T. -0.02 min

Lab File: VU023851.D

Acq: 14 May 2018 13:38

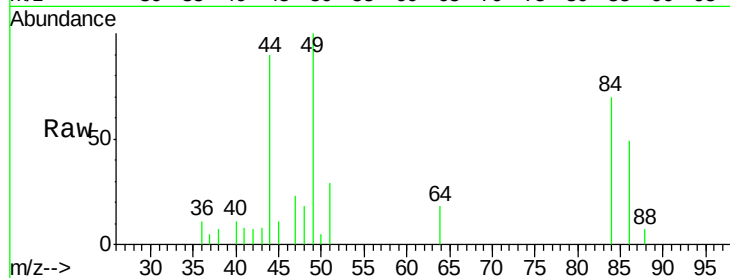
Tgt Ion:	43	Resp:	1975
Ion	Ratio	Lower	Upper
43	100		
58	29.8	26.0	39.0



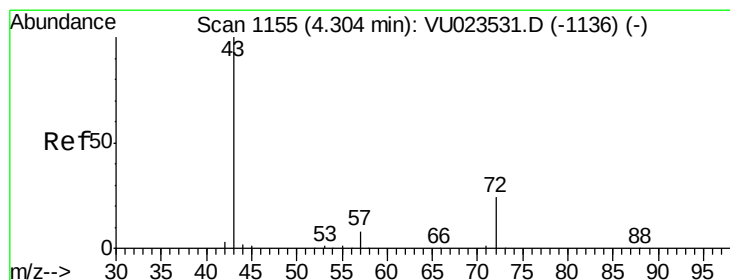
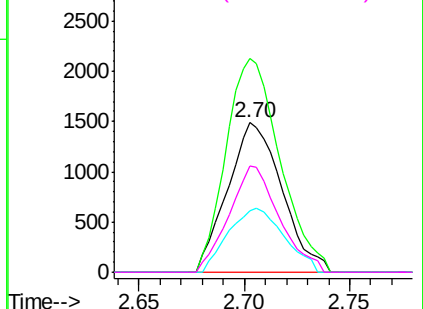
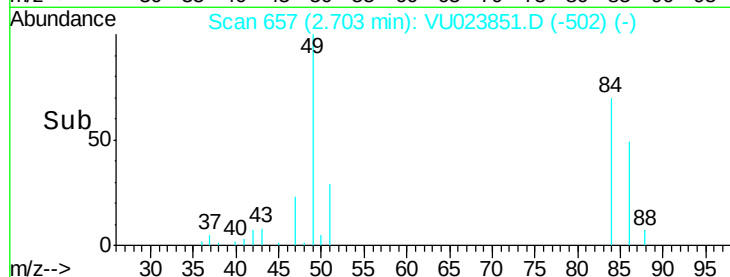


#15
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023851.D
Acq: 14 May 2018 13:38

Tgt Ion:	84	Resp:	2667
Ion	Ratio	Lower	Upper
84	100		
49	143.0	108.7	163.1
51	41.5	0.0	82.4
86	70.7	50.7	76.1

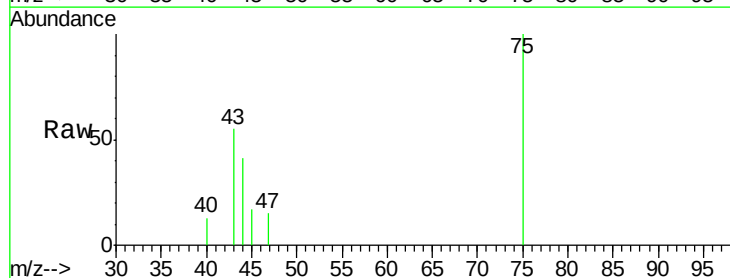


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

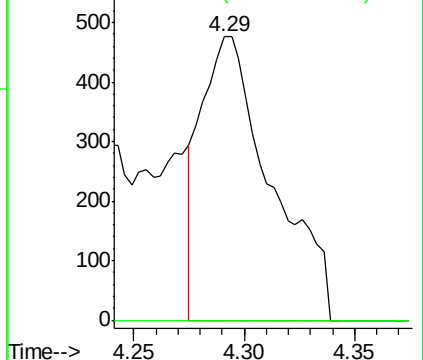
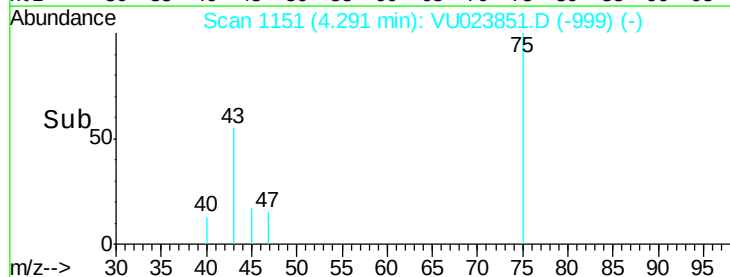


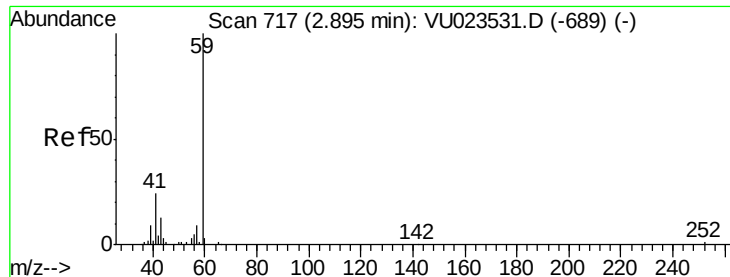
#18
2-Butanone
Concen: 0.43 ug/l
RT: 4.29 min Scan# 1151
Delta R.T. -0.01 min
Lab File: VU023851.D
Acq: 14 May 2018 13:38

Tgt Ion:	43	Resp:	1043
Ion	Ratio	Lower	Upper
43	100		
57	0.0	0.0	15.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





#24

tert-Butyl Alcohol

Concen: 7.43 ug/l

RT: 2.84 min Scan# 700

Delta R.T. -0.05 min

Lab File: VU023851.D

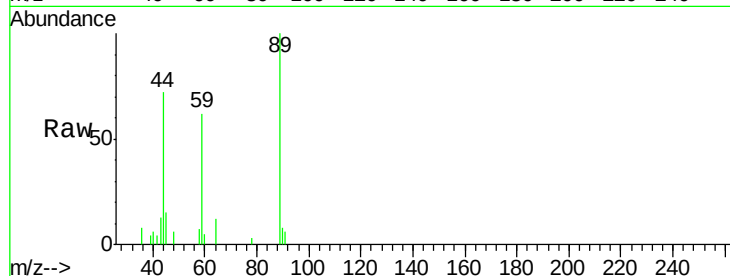
Acq: 14 May 2018 13:38

Tgt Ion: 59 Resp: 3964

Ion Ratio Lower Upper

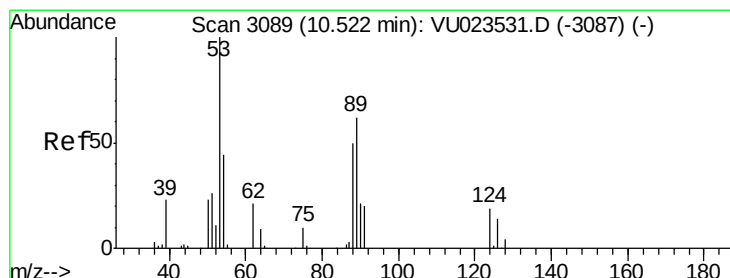
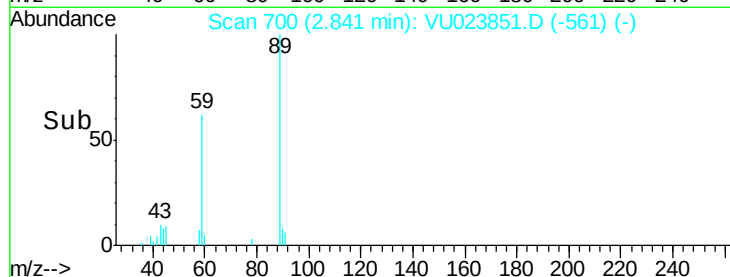
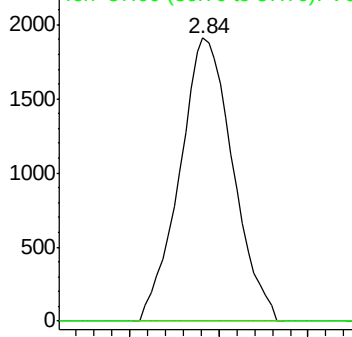
59 100

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



#46

t-1,4-Dichloro-2-butene

Concen: 3.18 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. -0.21 min

Lab File: VU023851.D

Acq: 14 May 2018 13:38

Tgt Ion: 75 Resp: 5396

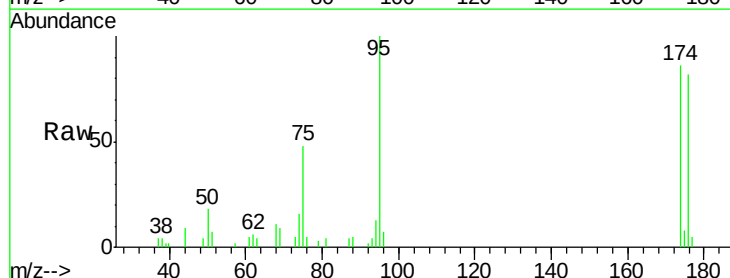
Ion Ratio Lower Upper

75 100

53 0.0 82.2 123.4#

89 0.0 51.3 76.9#

88 7.7 37.4 56.2#

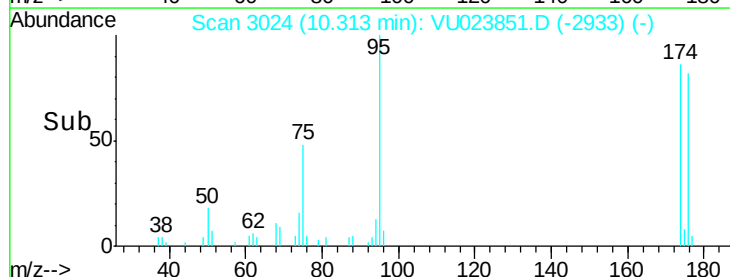
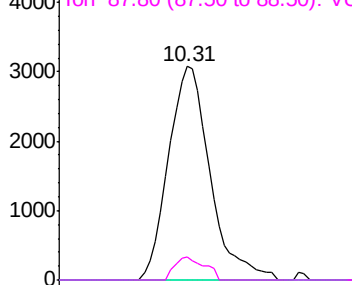


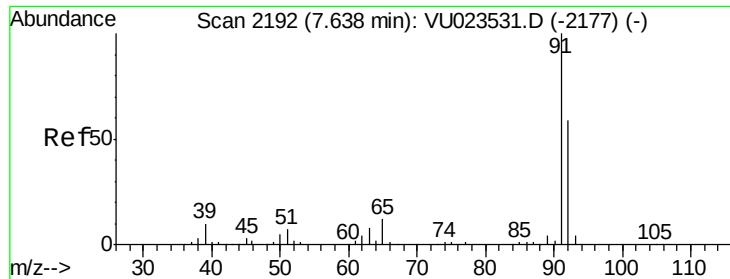
Abundance Ion 74.90 (74.60 to 75.60): VU0

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





#49

Toluene

Concen: 0.51 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023851.D

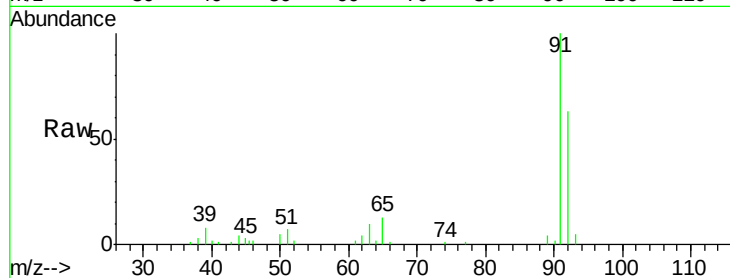
Acq: 14 May 2018 13:38

Tgt Ion: 92 Resp: 12168

Ion Ratio Lower Upper

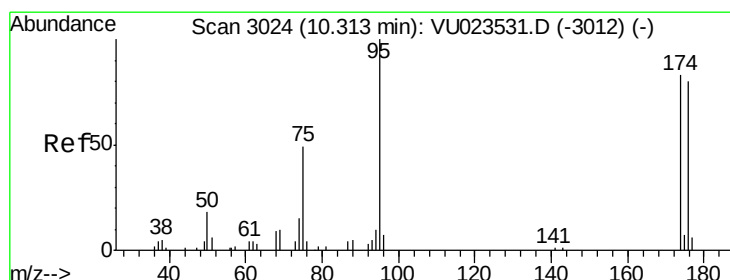
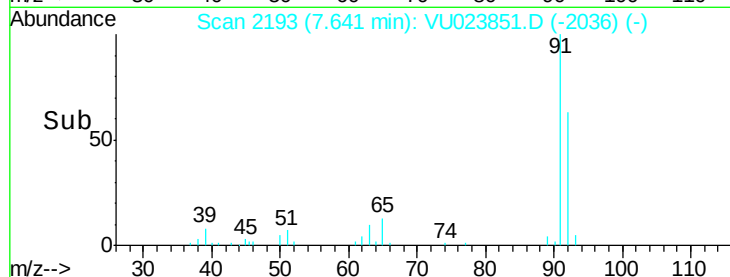
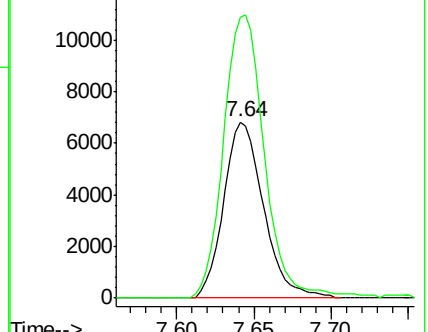
92 100

91 163.9 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#57

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU023851.D

Acq: 14 May 2018 13:38

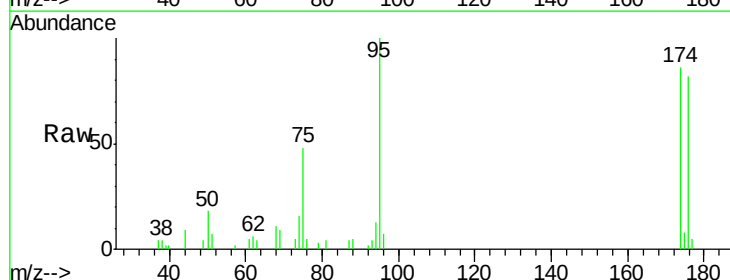
Tgt Ion: 95 Resp: 11259

Ion Ratio Lower Upper

95 100

174 86.4 65.6 98.4

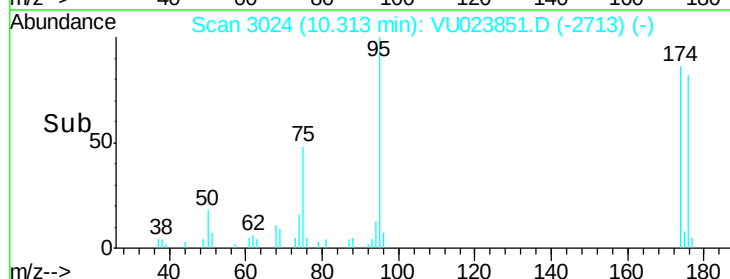
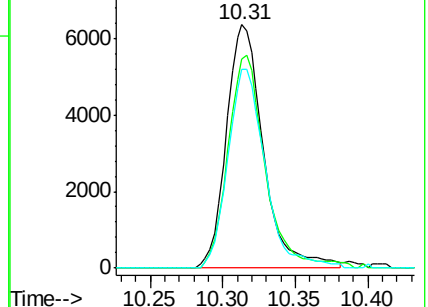
176 82.5 62.0 93.0

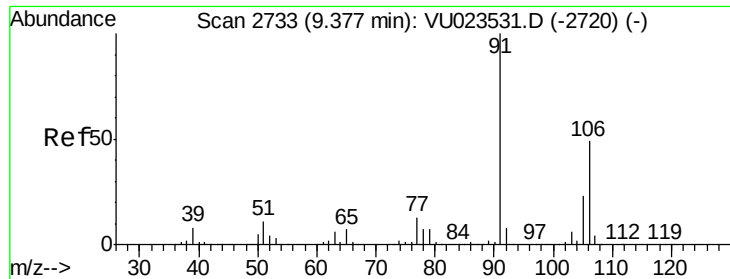


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#64

m/p-Xylenes

Concen: 0.29 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU023851.D

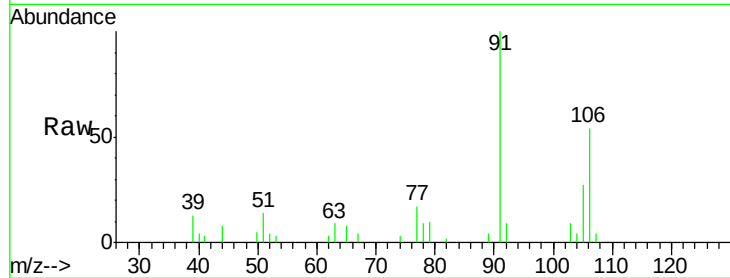
Acq: 14 May 2018 13:38

Tgt Ion:106 Resp: 4725

Ion Ratio Lower Upper

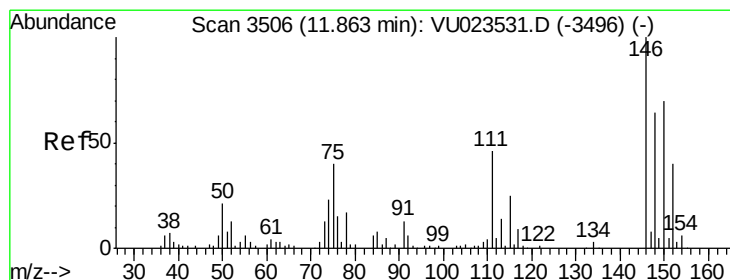
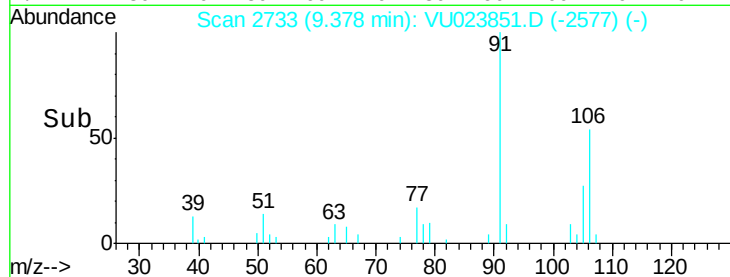
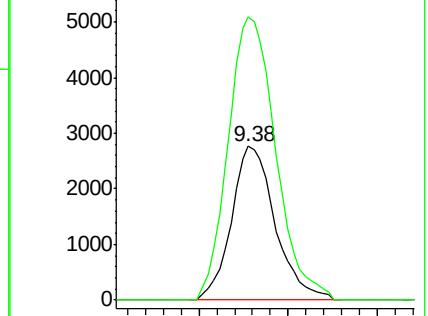
106 100

91 199.8 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#68

1,2-Dichlorobenzene-d4

Concen: N.D. ug/l

RT: 11.87 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VU023851.D

Acq: 14 May 2018 13:38

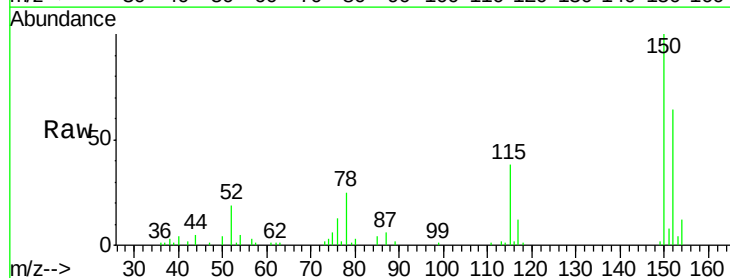
Tgt Ion:152 Resp: 12865

Ion Ratio Lower Upper

152 100

115 59.8 0.0 118.8

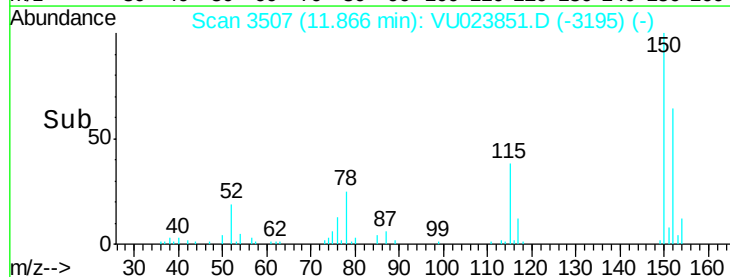
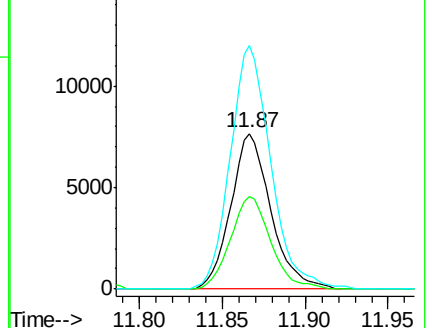
150 158.6 0.0 0.0#

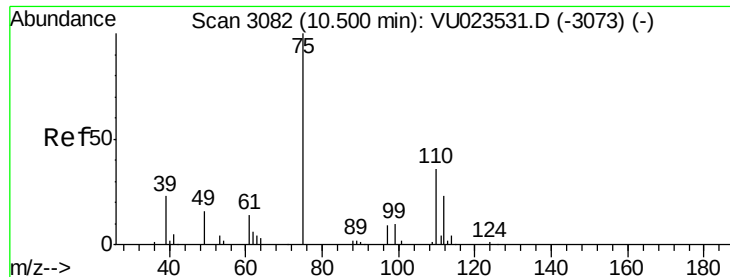


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#71

1,2,3-Trichloropropane

Concen: 0.97 ug/l

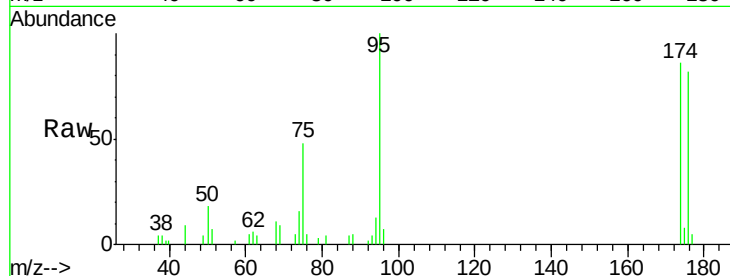
RT: 10.31 min Scan# 3024

Delta R.T. -0.19 min

Lab File: VU023851.D

Acq: 14 May 2018 13:38

Tgt Ion:	75	Resp:	5396
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	0.0	0.0	74.0
97	0.0	0.0	39.6

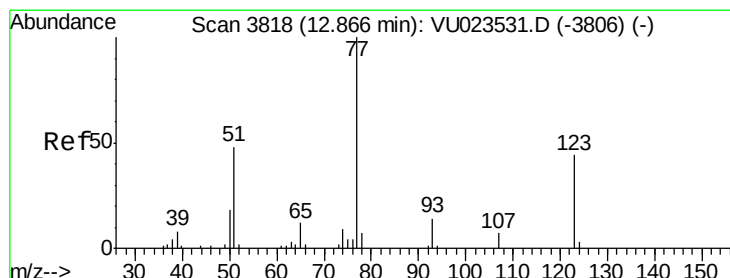
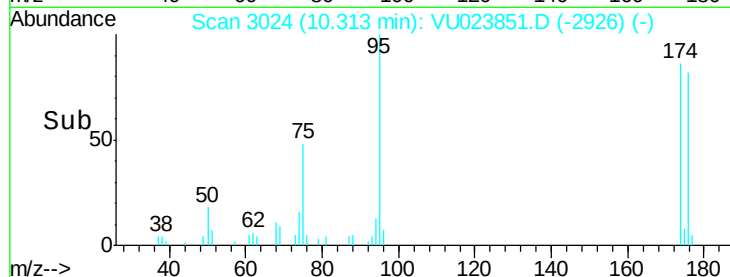
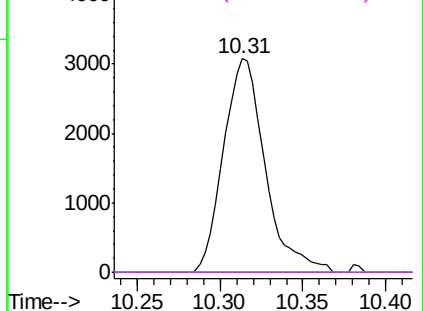


Abundance Ion 75.00 (74.70 to 75.70): VU0

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



#80

Nitrobenzene

Concen: 2.66 ug/l

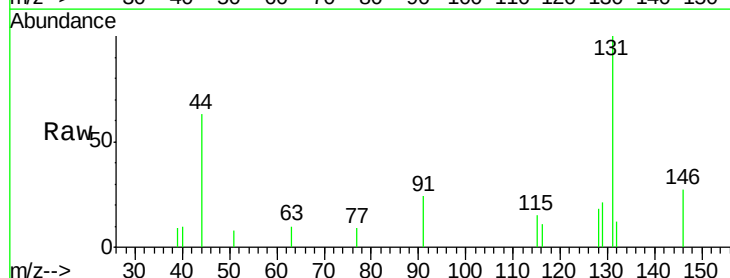
RT: 12.80 min Scan# 3796

Delta R.T. -0.07 min

Lab File: VU023851.D

Acq: 14 May 2018 13:38

Tgt Ion:	77	Resp:	93
Ion	Ratio	Lower	Upper
77	100		
123	0.0	19.4	68.6#
65	0.0	11.2	14.2#



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

