

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020719\
 Data File : VU029365.D
 Acq On : 07 Feb 2019 11:18
 Operator : JC/SP
 Sample : VU0207WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

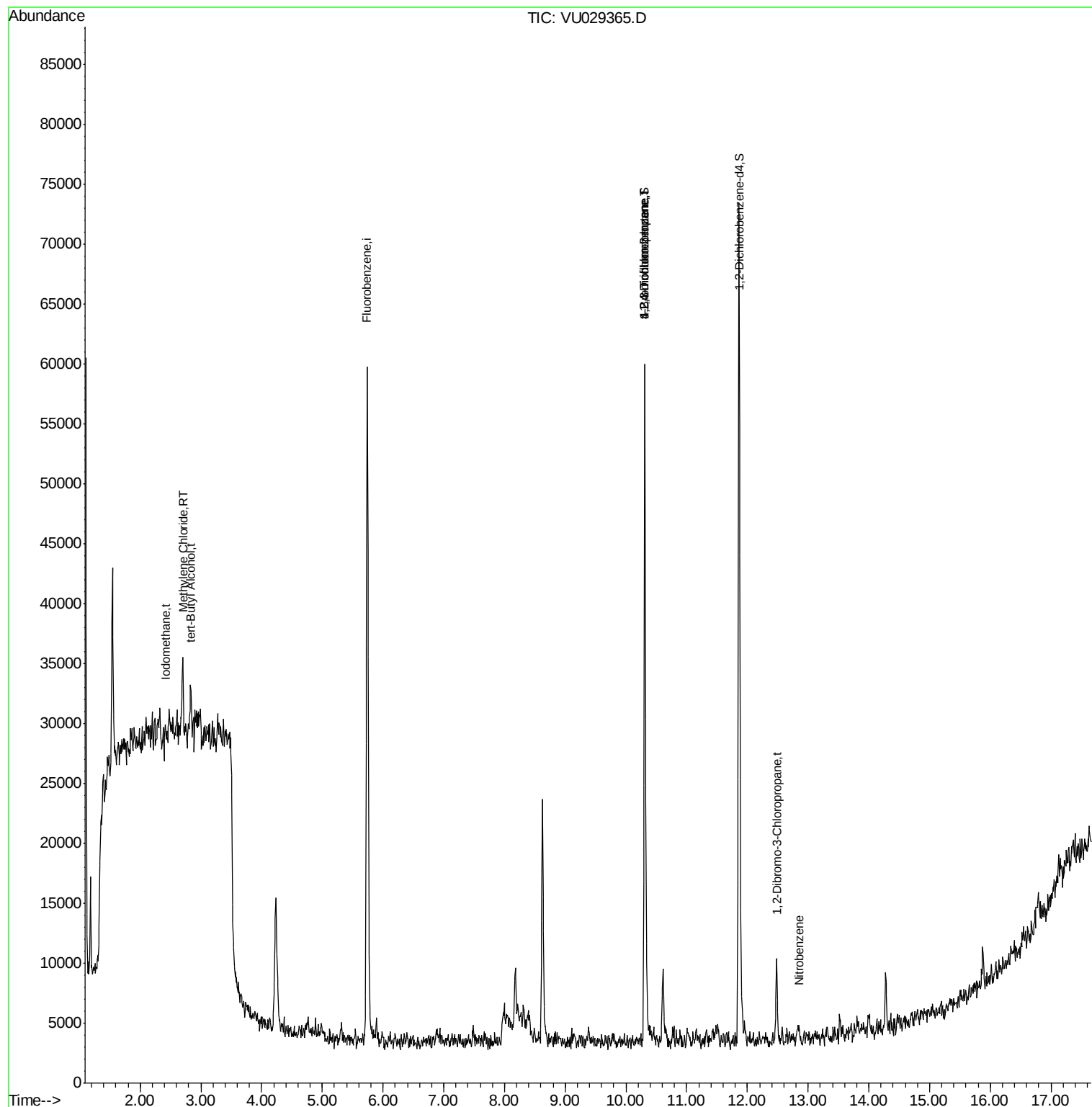
Quant Time: Feb 08 12:37:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 08 10:52:46 2019
 Response via : Initial Calibration

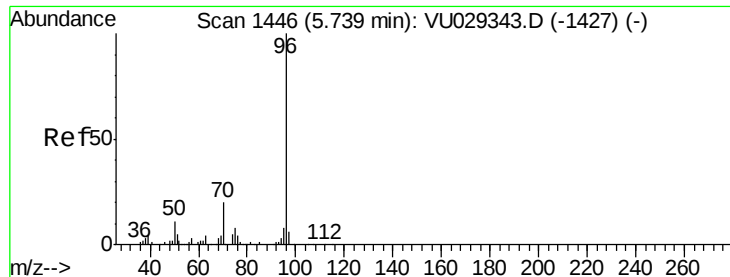
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.74	96	56985	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	20722	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	21550	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						Qvalue
10) Iodomethane	2.41	142	303	0.312	ug/l #	39
15) Methylene Chloride	2.70	84	2630	0.132	ug/l #	73
24) tert-Butyl Alcohol	2.84	59	2296	1.674	ug/l #	86
46) t-1,4-Dichloro-2-butene	10.31	75	9996	2.003	ug/l #	15
71) 1,2,3-Trichloropropane	10.31	75	9996	0.982	ug/l #	50
80) Nitrobenzene	12.86	77	128	0.194	ug/l #	43
86) 1,2-Dibromo-3-Chloropropan	12.49	75	316	0.114	ug/l #	11
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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# 1446

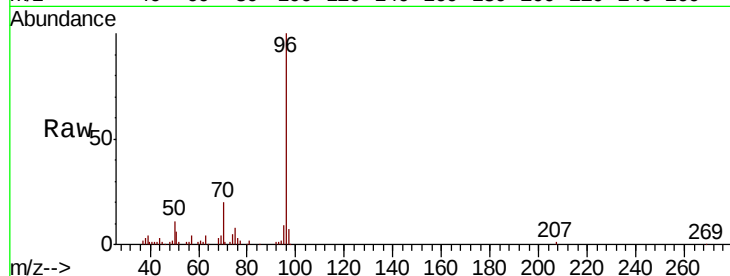
Delta R.T. 0.00 min

Lab File: VU029365.D

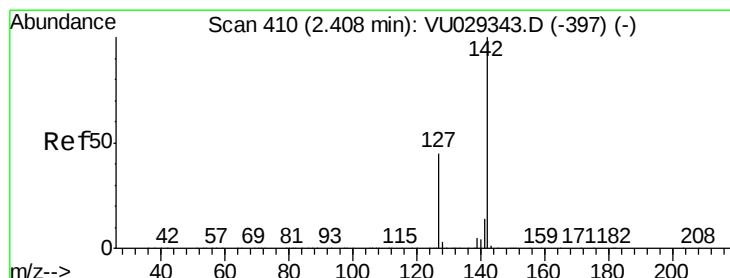
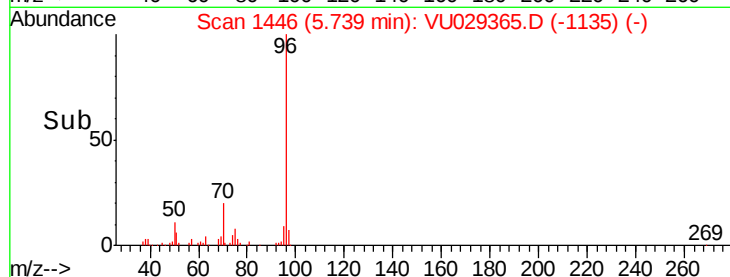
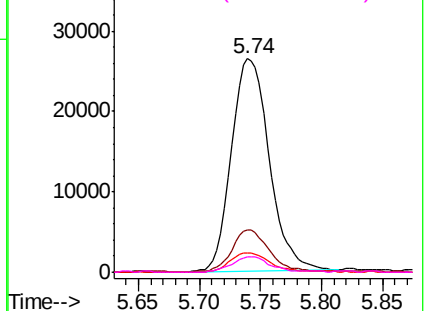
Acq: 07 Feb 2019 11:18

Tgt Ion: 96 Resp: 56985

Ion	Ratio	Lower	Upper
96	100		
70	19.3	16.2	24.2
95	10.0	7.4	11.2
97	6.6	0.0	0.0#



Abundance Ion 96.00 (95.70 to 96.70): VU029343.D (-1427) (-)



#10

Iodomethane

Concen: 0.312 ug/l

RT: 2.41 min Scan# 410

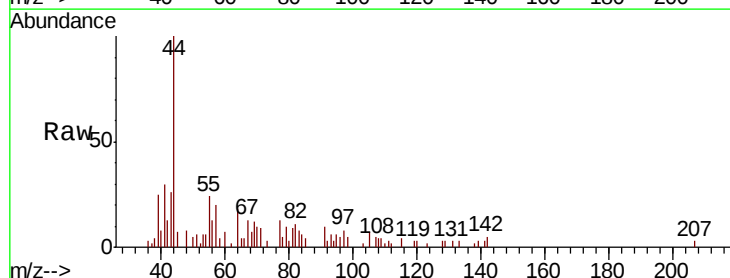
Delta R.T. 0.00 min

Lab File: VU029365.D

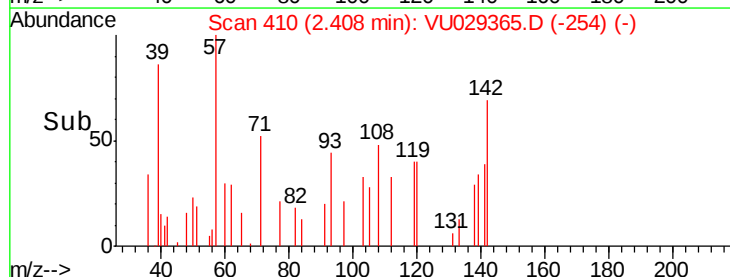
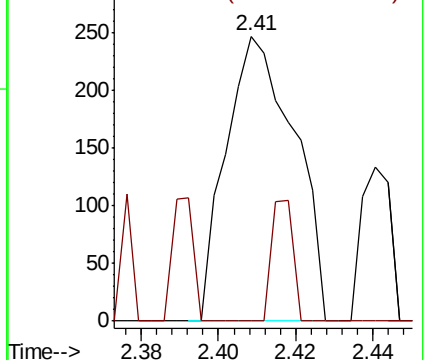
Acq: 07 Feb 2019 11:18

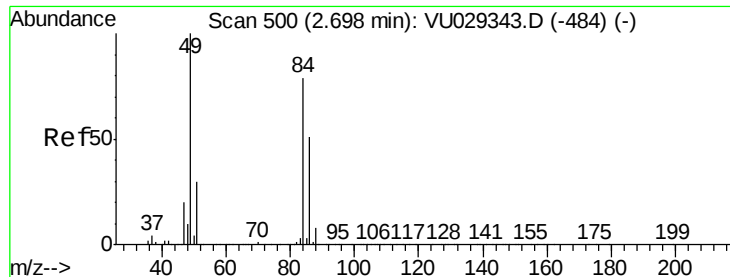
Tgt Ion: 142 Resp: 303

Ion	Ratio	Lower	Upper
142	100		
127	13.2	47.6	71.4#



Abundance Ion 142.00 (141.70 to 142.70): VU029343.D (-397) (-)





#15

Methylene Chloride

Concen: 0.132 ug/l

RT: 2.70 min Scan# 500

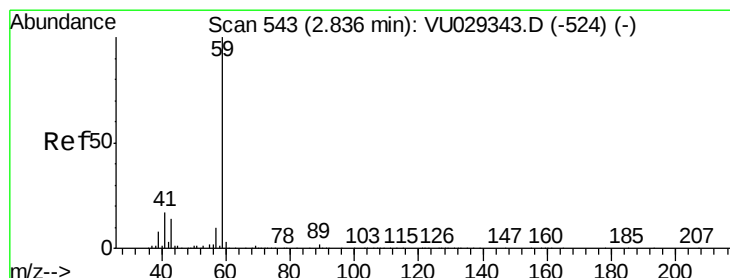
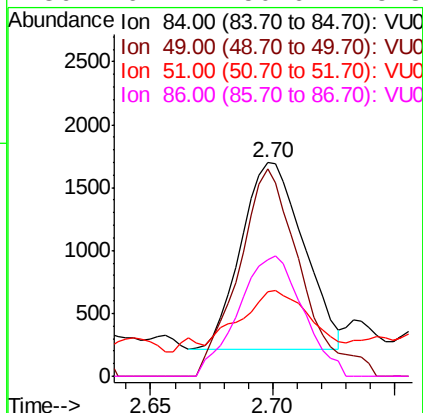
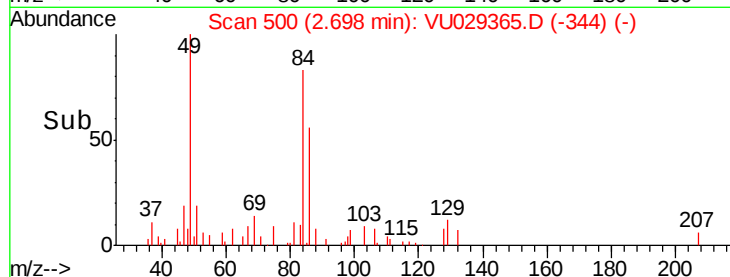
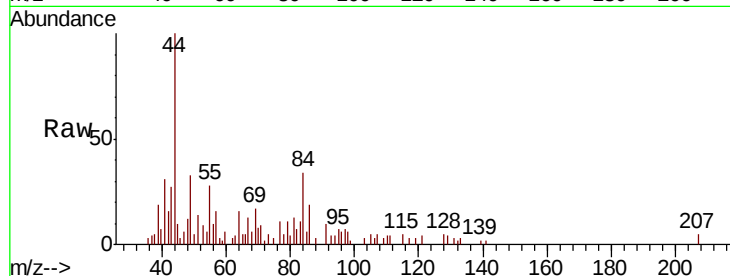
Delta R.T. 0.00 min

Lab File: VU029365.D

Acq: 07 Feb 2019 11:18

Tgt Ion: 84 Resp: 2630

Ion	Ratio	Lower	Upper
84	100		
49	111.0	127.0	190.6#
51	26.9	0.0	93.4
86	62.7	50.6	75.8



#24

tert-Butyl Alcohol

Concen: 1.674 ug/l

RT: 2.84 min Scan# 544

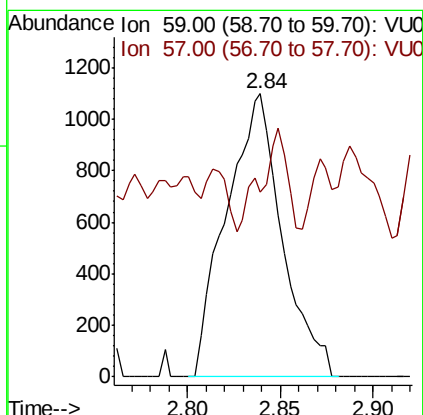
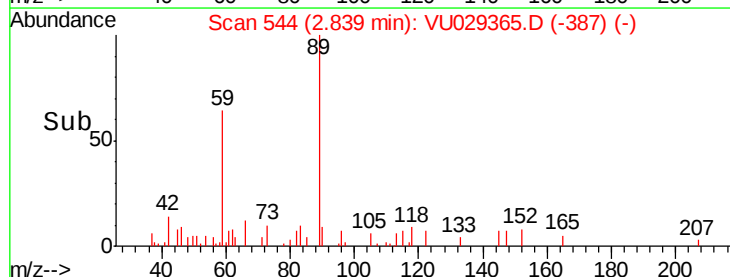
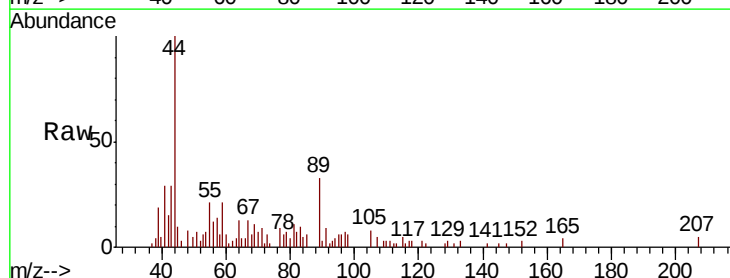
Delta R.T. 0.00 min

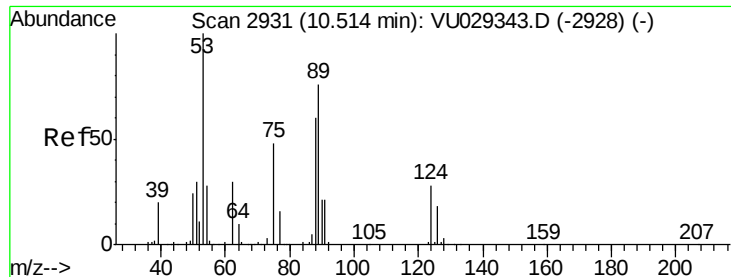
Lab File: VU029365.D

Acq: 07 Feb 2019 11:18

Tgt Ion: 59 Resp: 2296

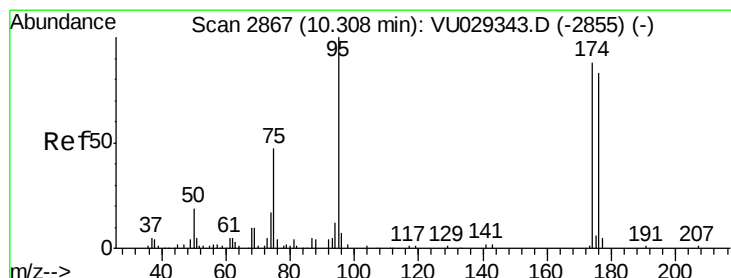
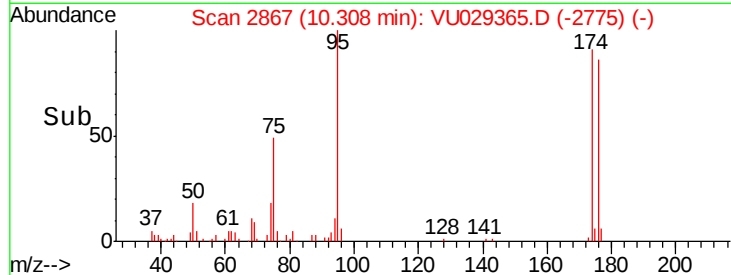
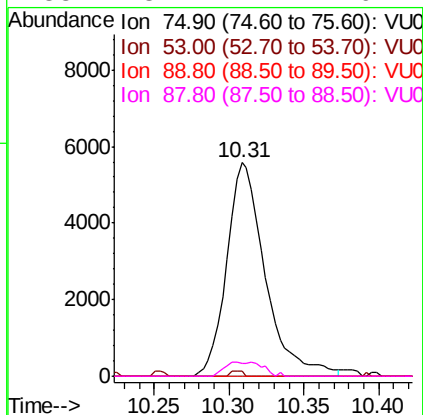
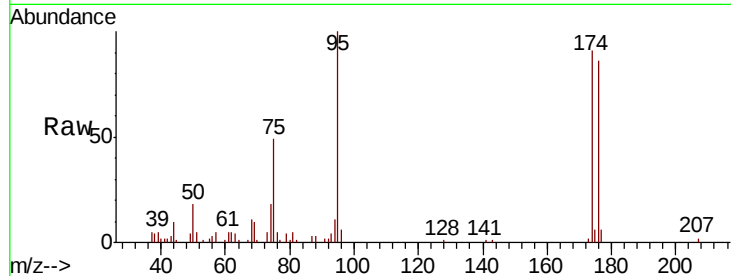
Ion	Ratio	Lower	Upper
59	100		
57	16.4	8.8	13.2#





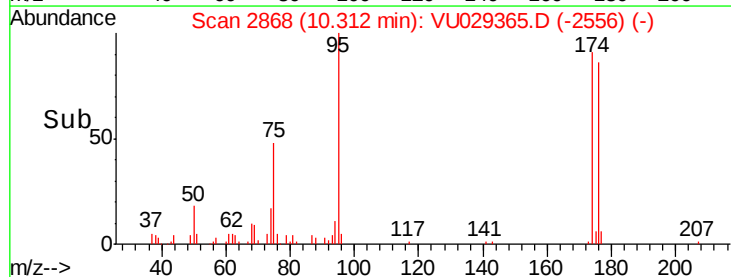
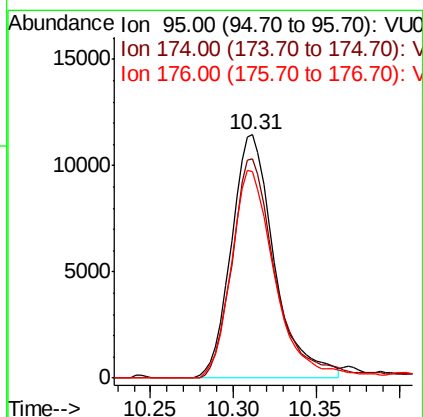
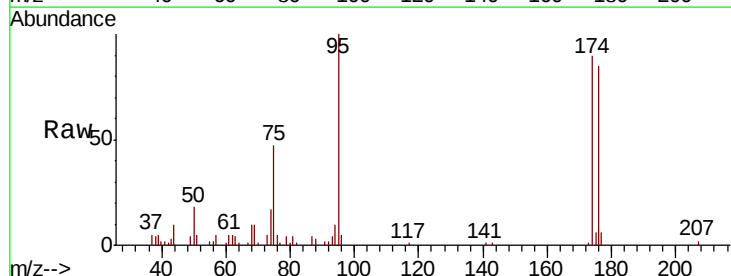
#46
t-1,4-Dichloro-2-butene
Concen: 2.003 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. -0.21 min
Lab File: VU029365.D
Acq: 07 Feb 2019 11:18

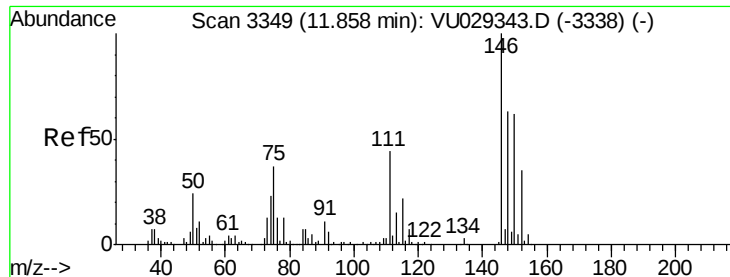
Tgt Ion:	75	Resp:	9996
Ion	Ratio	Lower	Upper
75	100		
53	0.8	78.2	117.4#
89	0.0	44.2	66.4#
88	3.1	41.4	62.2#



#57
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 10.31 min Scan# 2868
Delta R.T. 0.00 min
Lab File: VU029365.D
Acq: 07 Feb 2019 11:18

Tgt Ion:	95	Resp:	20722
Ion	Ratio	Lower	Upper
95	100		
174	90.4	64.2	96.2
176	86.1	62.3	93.5

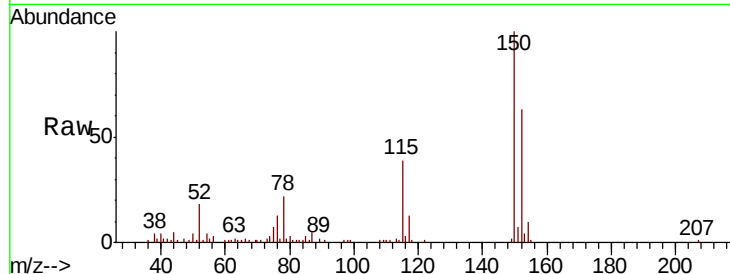




#68

1,2-Dichlorobenzene-d4
 Concen: N.D. ug/l
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VU029365.D
 Acq: 07 Feb 2019 11:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	0.0	133.4
150	159.4	0.0	670.8

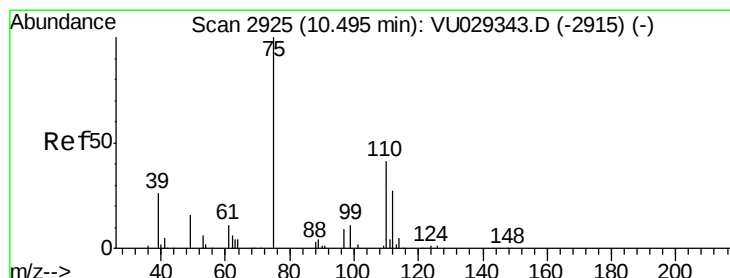
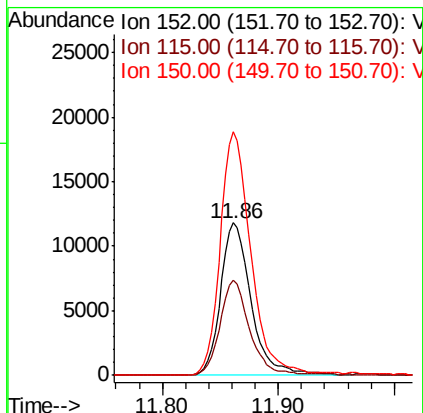
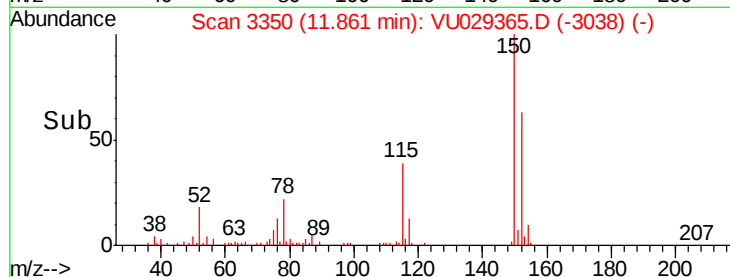


Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

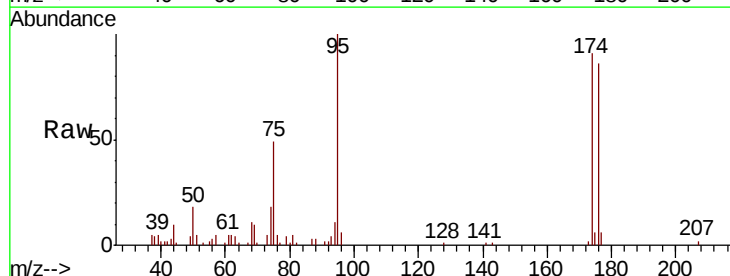
Ion 150.00 (149.70 to 150.70): V



#71

1,2,3-Trichloropropane
 Concen: 0.982 ug/l
 RT: 10.31 min Scan# 2867
 Delta R.T. -0.19 min
 Lab File: VU029365.D
 Acq: 07 Feb 2019 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	4.5	0.0	0.0#
110	0.0	0.0	63.6
97	0.5	0.0	31.4



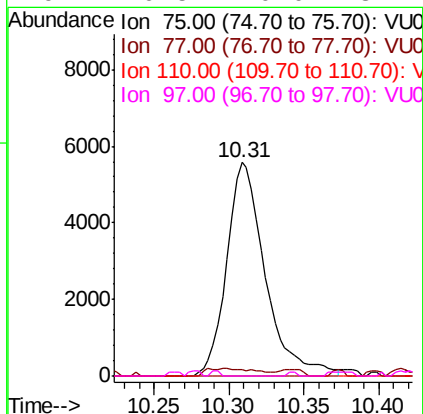
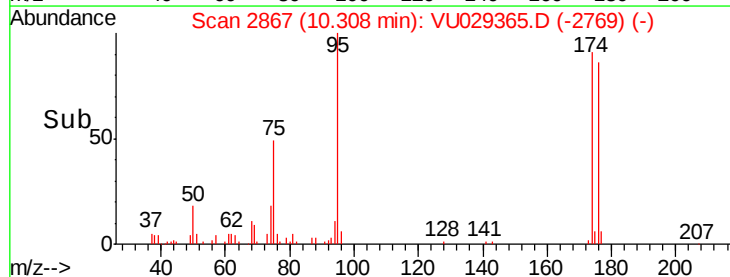
Abundance

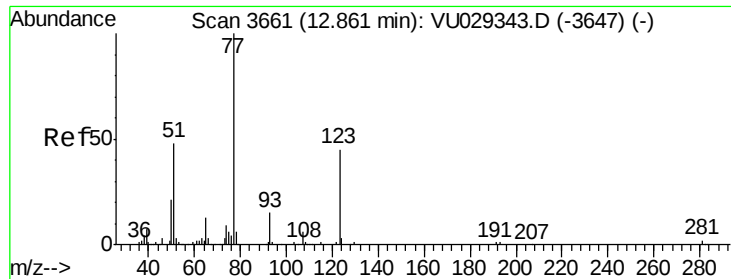
Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

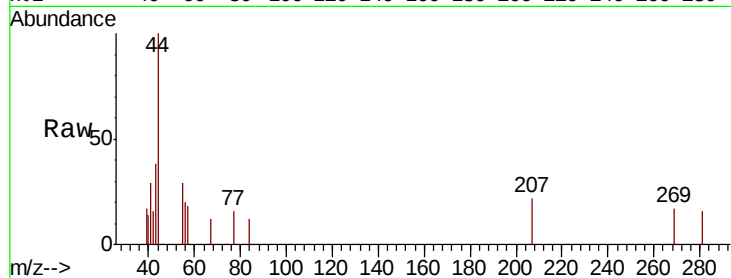
Ion 97.00 (96.70 to 97.70): VU0



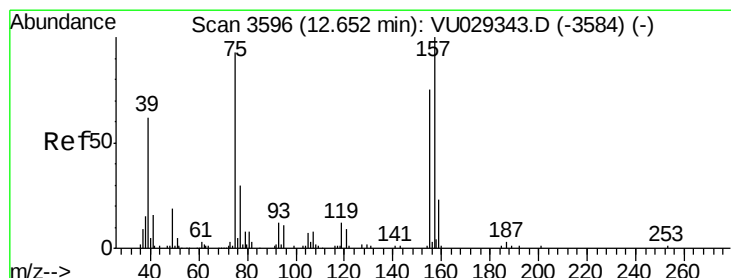
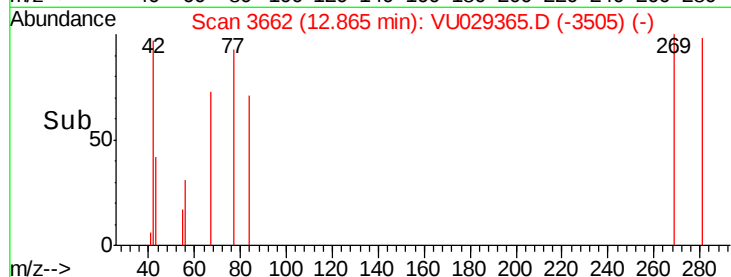
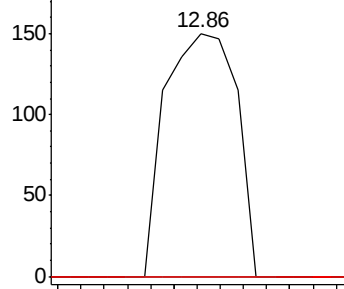


#80
Nitrobenzene
Concen: 0.194 ug/l
RT: 12.86 min Scan# 3662
Delta R.T. 0.00 min
Lab File: VU029365.D
Acq: 07 Feb 2019 11:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	17.5	61.9#
65	0.0	10.8	13.8#

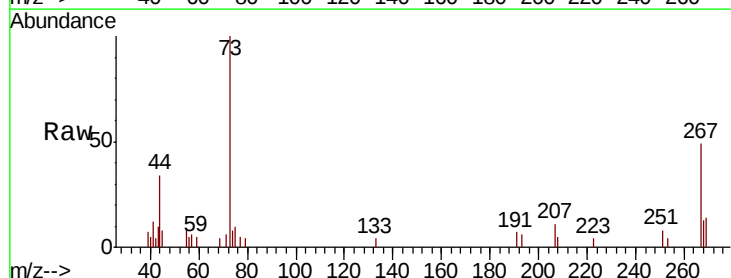


Abundance Ion 77.00 (76.70 to 77.70): VU0
Ion 123.00 (122.70 to 123.70): V
Ion 65.00 (64.70 to 65.70): VU0



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.114 ug/l
RT: 12.49 min Scan# 3544
Delta R.T. -0.17 min
Lab File: VU029365.D
Acq: 07 Feb 2019 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	53.8	80.8#
157	0.0	69.2	103.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 155.00 (154.70 to 155.70): V
Ion 157.00 (156.70 to 157.70): V

