

Data File : VU029313.D
Acq On : 30 Jan 2019 13:53
Operator : JC/SP
Sample : K1161-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PT-EDBCP-WS

Quant Time: Jan 31 06:22:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 09:13:14 2019
Response via : Initial Calibration

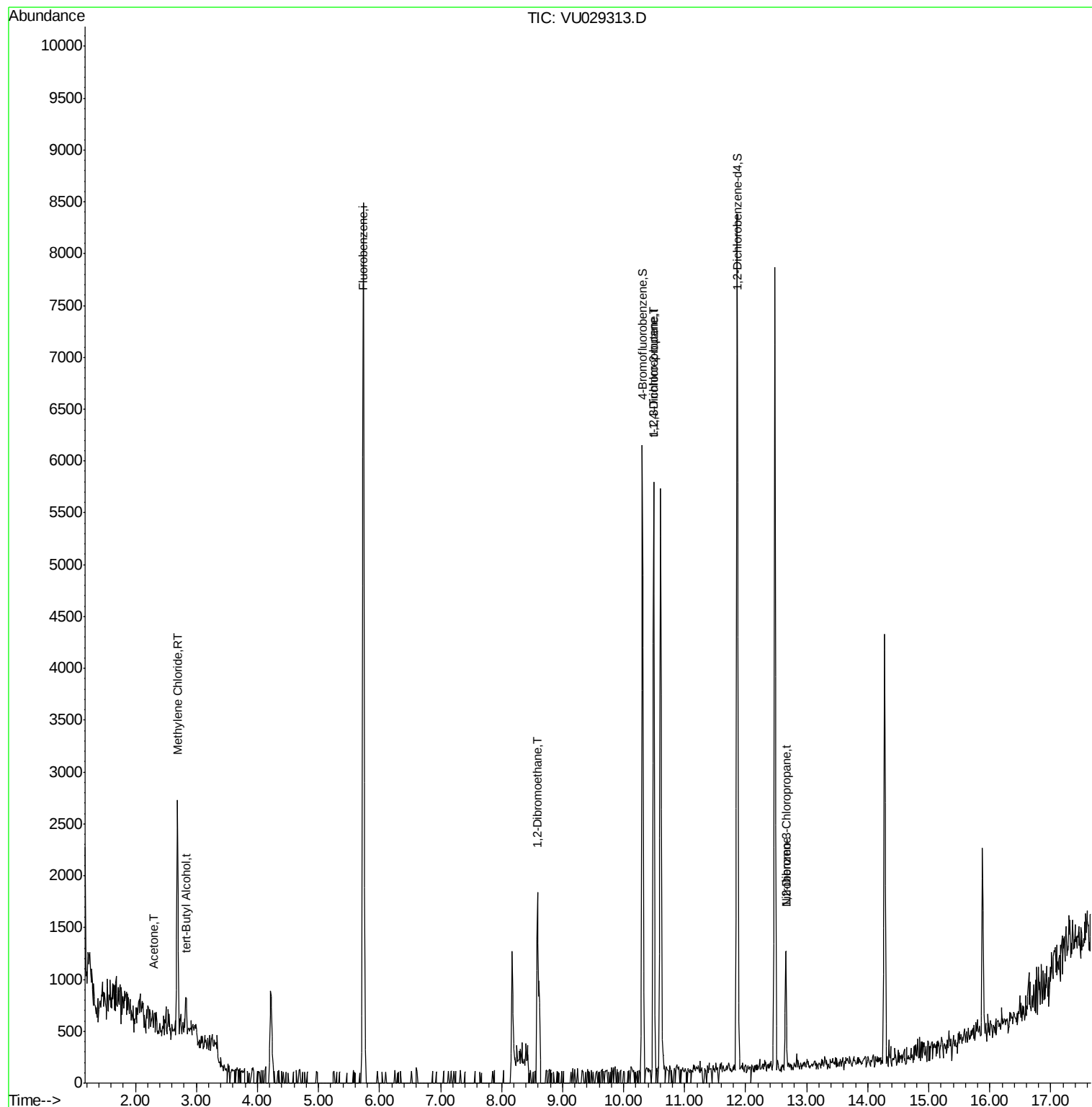
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	7841	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	2538	0.83	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	2704	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
Target Compounds						
					Qvalue	
13) Acetone	2.31	43	181	0.224	ug/l #	51
15) Methylene Chloride	2.69	84	877	0.306	ug/l #	78
24) tert-Butyl Alcohol	2.82	59	181	0.663	ug/l #	71
46) t-1,4-Dichloro-2-butene	10.49	75	2618	4.112	ug/l #	13
56) 1,2-Dibromoethane	8.59	107	1240	0.754	ug/l	92
71) 1,2,3-Trichloropropane	10.49	75	2618	1.290	ug/l #	96
80) Nitrobenzene	12.66	77	99	5.067	ug/l #	43
86) 1,2-Dibromo-3-Chloropropan	12.65	75	481	1.096	ug/l #	79

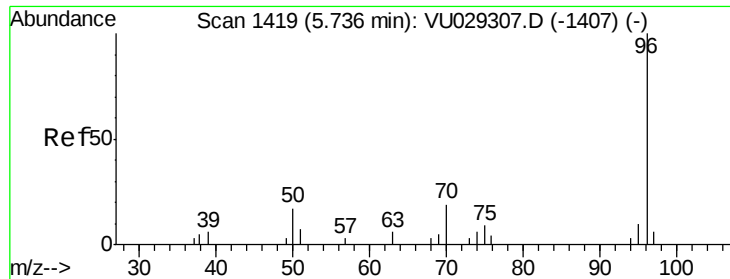
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1419

Delta R.T. -0.00 min

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MSVOA_U

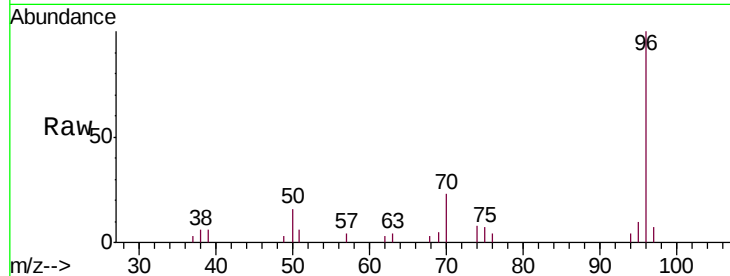
ClientSampleId :

PT-EDBCP-WS

Tgt Ion: 96 Resp: 7841

Ion Ratio Lower Upper

96	100		
70	20.2	16.2	24.2
95	8.0	7.4	11.2
97	5.1	0.0	0.0#

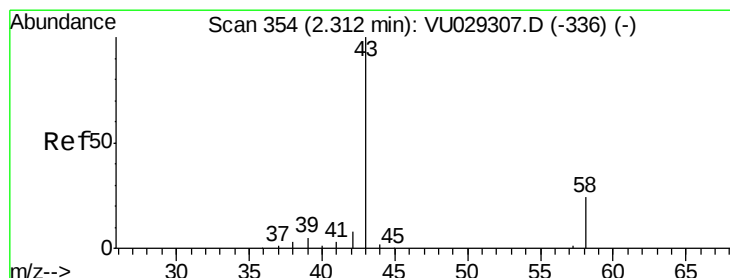
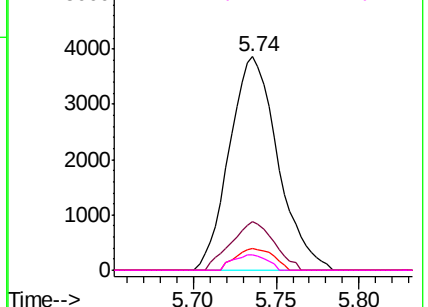
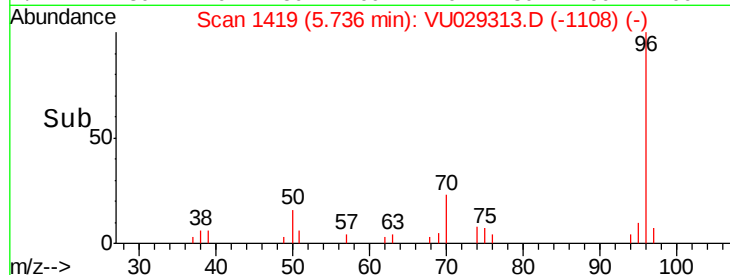


Abundance Ion 96.00 (95.70 to 96.70): VU029313.D (-1108) (-)

Ion 70.00 (69.70 to 70.70): VU029313.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): VU029313.D (-1108) (-)

Ion 97.00 (96.70 to 97.70): VU029313.D (-1108) (-)



#13

Acetone

Concen: 0.224 ug/l

RT: 2.31 min Scan# 354

Delta R.T. -0.00 min

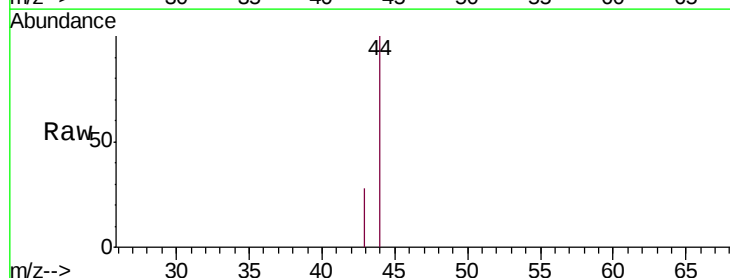
Lab File: VU029313.D

Acq: 30 Jan 2019 13:53

Tgt Ion: 43 Resp: 181

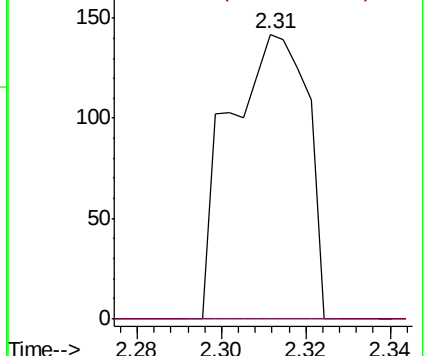
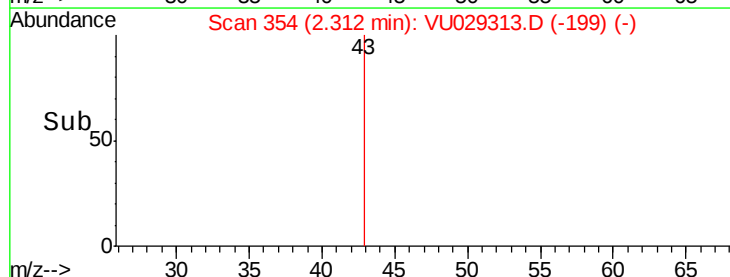
Ion Ratio Lower Upper

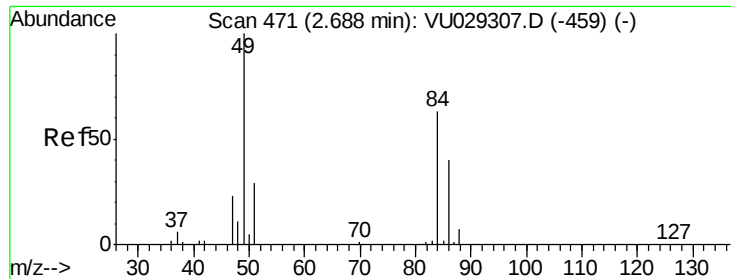
43	100		
58	0.0	19.2	28.8#



Abundance Ion 43.00 (42.70 to 43.70): VU029313.D (-199) (-)

Ion 58.00 (57.70 to 58.70): VU029313.D (-199) (-)

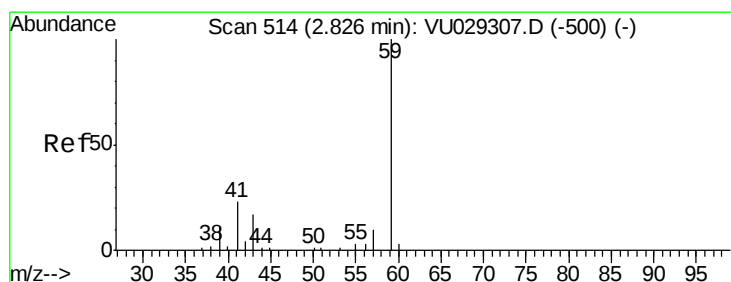
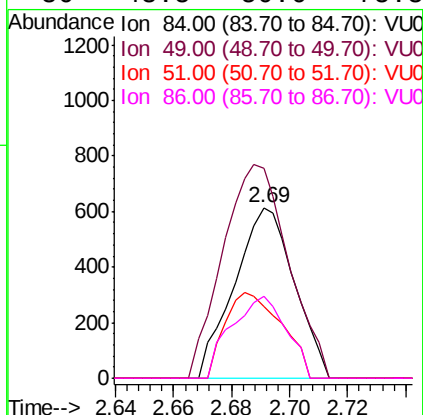
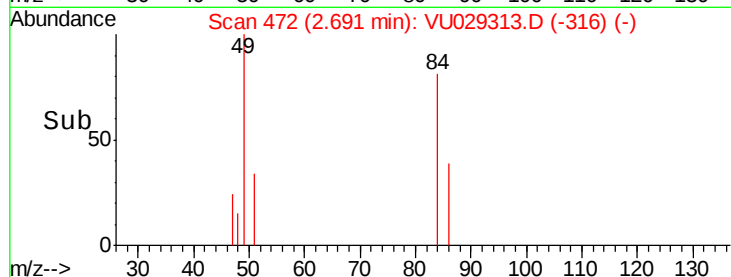
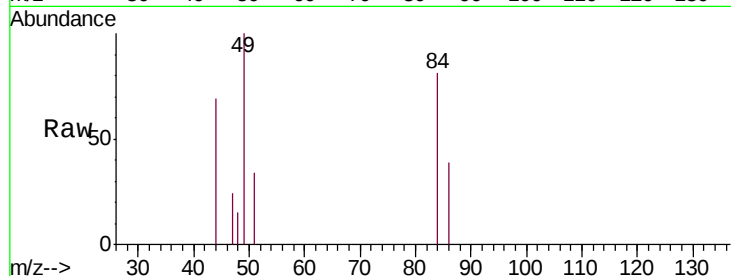




#15
Methylene Chloride
Concen: 0.306 ug/l
RT: 2.69 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU029313.D
Acq: 30 Jan 2019 13:53

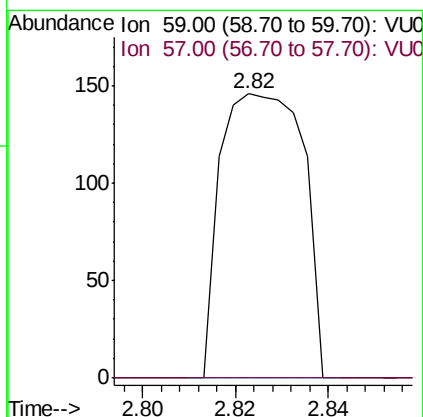
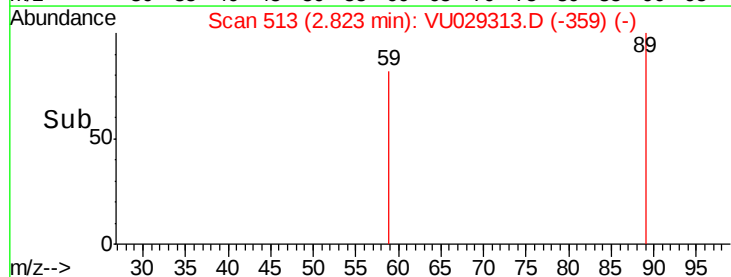
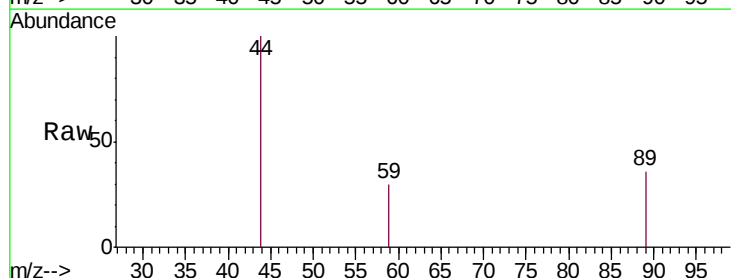
Instrument :
MSVOA_U
ClientSampleId :
PT-EDBCP-WS

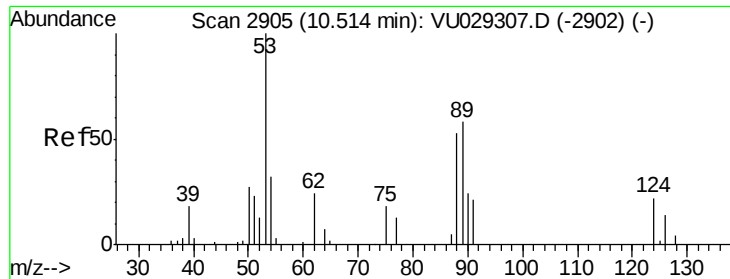
Tgt Ion: 84 Resp: 877
Ion Ratio Lower Upper
84 100
49 123.0 127.0 190.6#
51 41.8 0.0 93.4
86 48.5 50.6 75.8#



#24
tert-Butyl Alcohol
Concen: 0.663 ug/l
RT: 2.82 min Scan# 513
Delta R.T. -0.00 min
Lab File: VU029313.D
Acq: 30 Jan 2019 13:53

Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

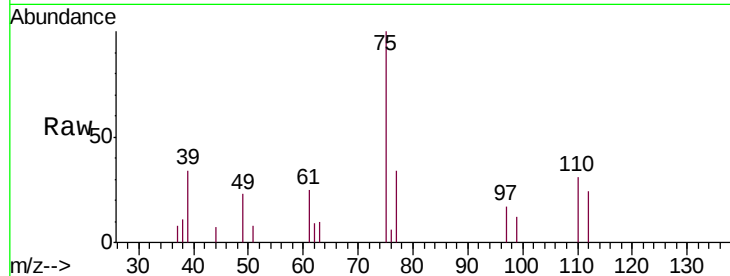




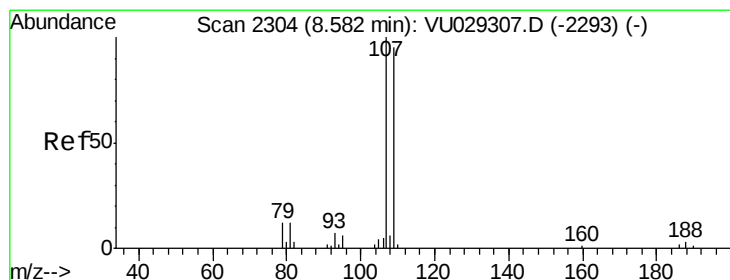
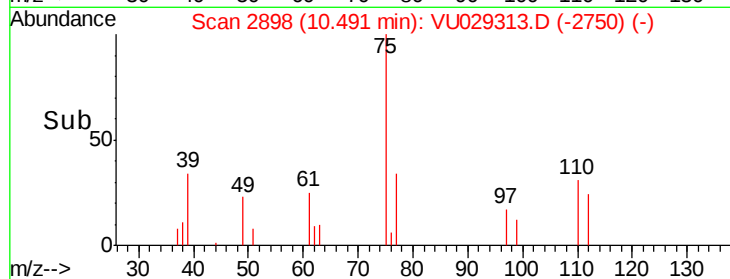
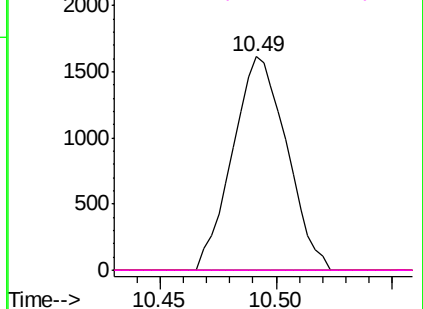
#46
t-1,4-Dichloro-2-butene
Concen: 4.112 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VU029313.D
Acq: 30 Jan 2019 13:53

Instrument :
MSVOA_U
ClientSampleId :
PT-EDBCP-WS

Tgt Ion: 75 Resp: 2618
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 44.2 66.4#
88 0.0 41.4 62.2#

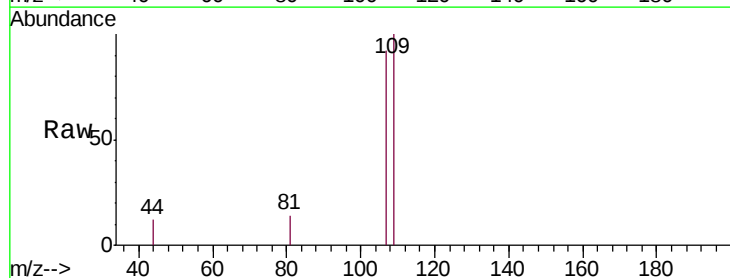


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

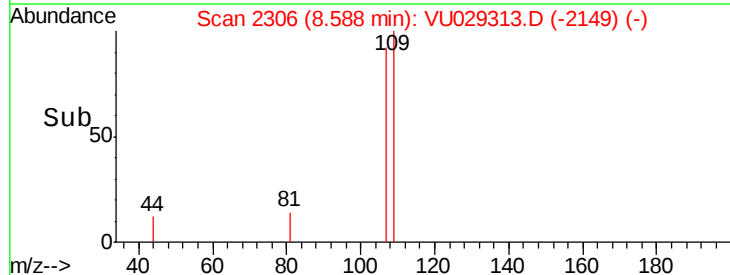
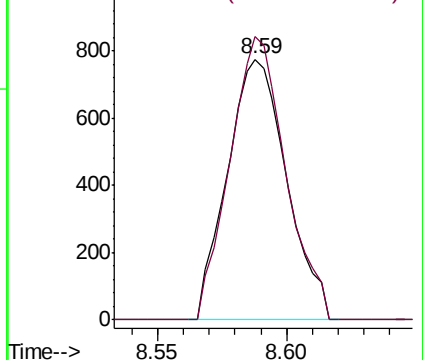


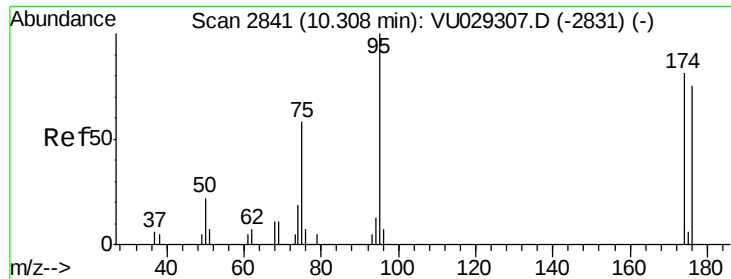
#56
1,2-Dibromoethane
Concen: 0.754 ug/l
RT: 8.59 min Scan# 2306
Delta R.T. 0.01 min
Lab File: VU029313.D
Acq: 30 Jan 2019 13:53

Tgt Ion: 107 Resp: 1240
Ion Ratio Lower Upper
107 100
109 102.3 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

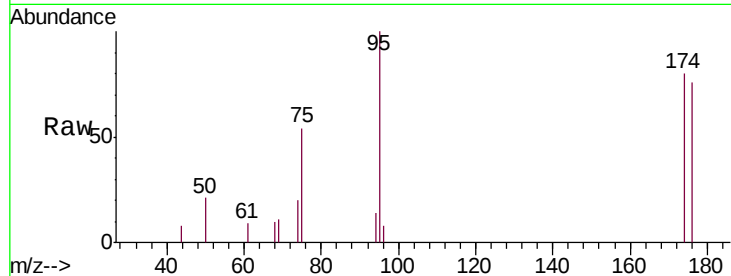




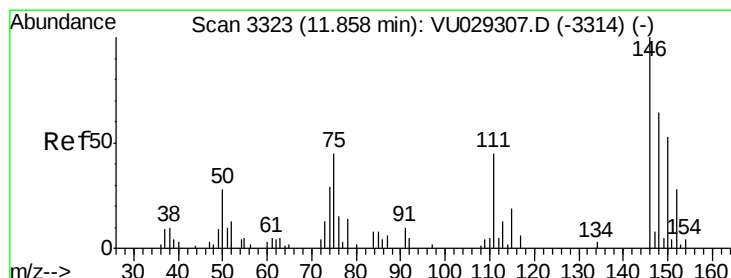
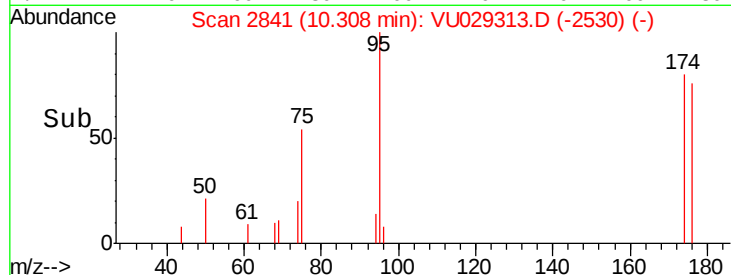
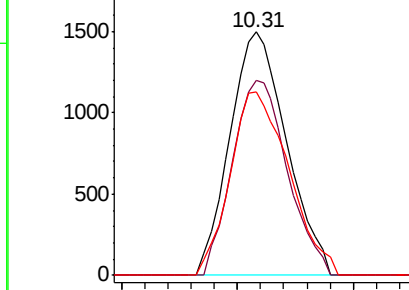
#57
 4-Bromofluorobenzene
 Concen: 0.754 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU029313.D
 Acq: 30 Jan 2019 13:53

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 MSVOA_U
 ClientSampleId :
 PT-EDBCP-WS

Tgt Ion: 95 Resp: 2538
 Ion Ratio Lower Upper
 95 100
 174 78.0 64.2 96.2
 176 78.3 62.3 93.5

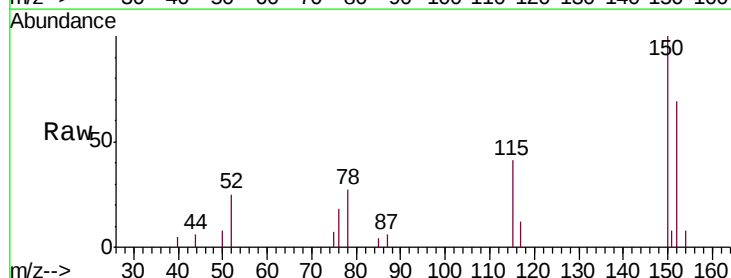


Abundance Ion 95.00 (94.70 to 95.70): VU029313.D (-2530) (-)
 Ion 174.00 (173.70 to 174.70): VU029313.D (-2530) (-)
 Ion 176.00 (175.70 to 176.70): VU029313.D (-2530) (-)

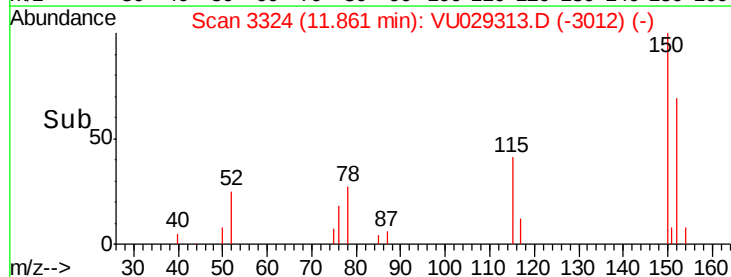
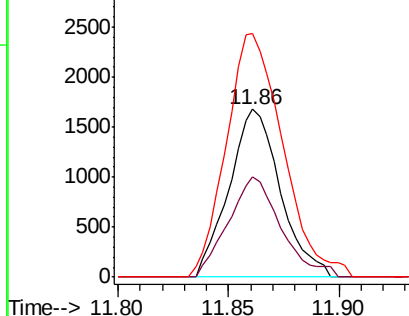


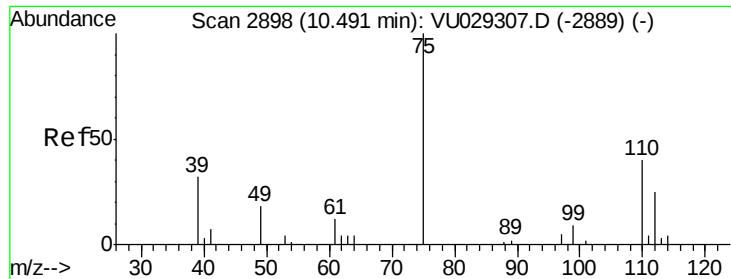
#68
 1,2-Dichlorobenzene-d4
 Concen: N.D. ug/l
 RT: 11.86 min Scan# 3324
 Delta R.T. 0.00 min
 Lab File: VU029313.D
 Acq: 30 Jan 2019 13:53

Tgt Ion: 152 Resp: 2704
 Ion Ratio Lower Upper
 152 100
 115 61.3 0.0 133.4
 150 160.2 0.0 670.8



Abundance Ion 152.00 (151.70 to 152.70): VU029313.D (-3012) (-)
 Ion 115.00 (114.70 to 115.70): VU029313.D (-3012) (-)
 Ion 150.00 (149.70 to 150.70): VU029313.D (-3012) (-)

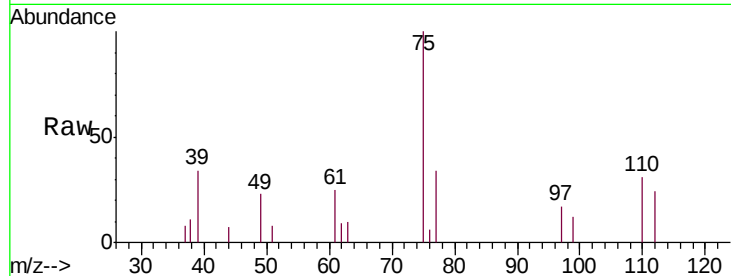




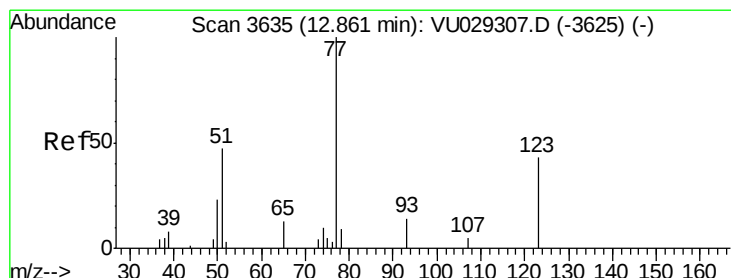
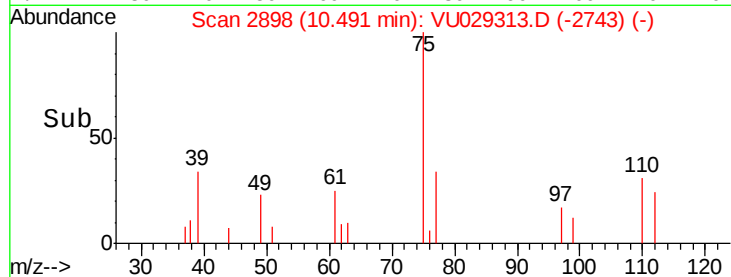
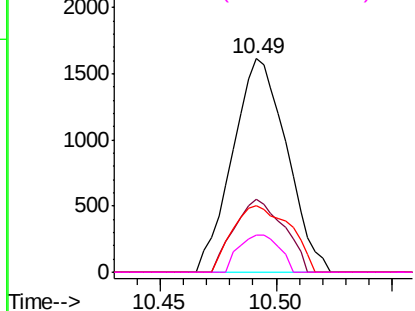
#71
 1,2,3-Trichloropropane
 Concen: 1.290 ug/l
 RT: 10.49 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: VU029313.D
 Acq: 30 Jan 2019 13:53

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-EDBCP-WS

Tgt Ion:	75	Resp:	2618
Ion	Ratio	Lower	Upper
75	100		
77	31.4	0.0	0.0#
110	33.2	0.0	63.6
97	13.0	0.0	31.4

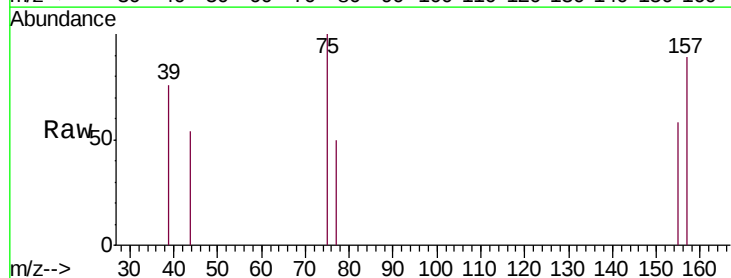


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

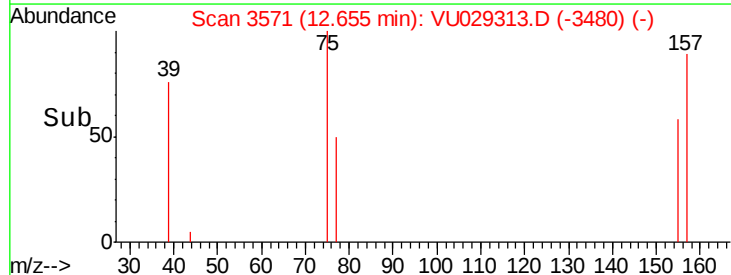
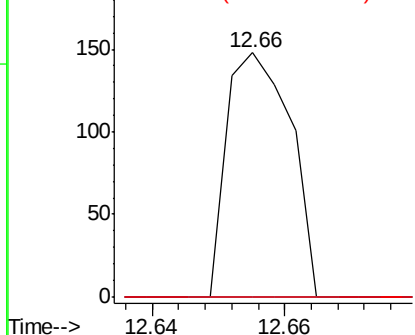


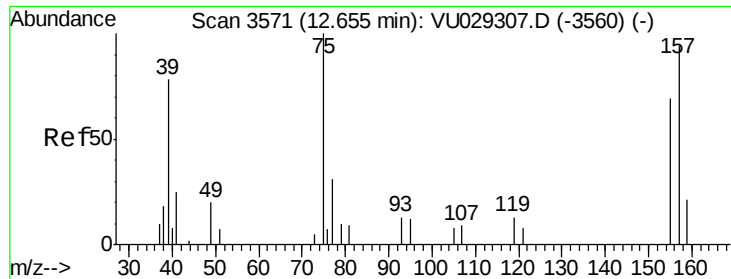
#80
 Nitrobenzene
 Concen: 5.067 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.21 min
 Lab File: VU029313.D
 Acq: 30 Jan 2019 13:53

Tgt Ion:	77	Resp:	99
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: 1.096 ug/l

RT: 12.65 min Scan# 3570

Delta R.T. -0.00 min

Lab File: VU029313.D

Acq: 30 Jan 2019 13:53

Instrument :

MSVOA_U

ClientSampleId :

PT-EDBCP-WS

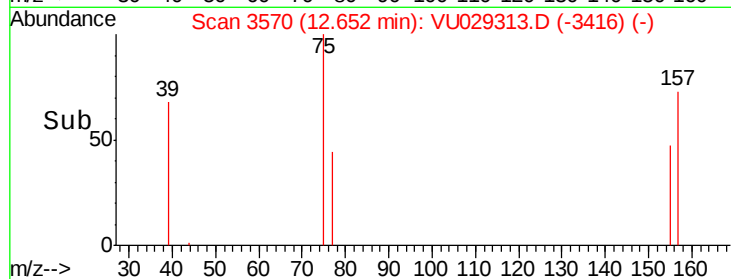
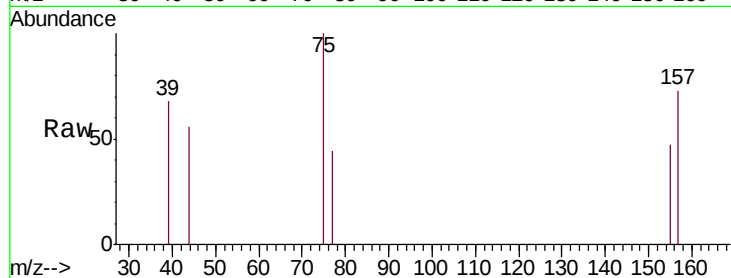
Tgt Ion: 75 Resp: 481

Ion Ratio Lower Upper

75 100

155 49.1 53.8 80.8#

157 68.8 69.2 103.8#



Abundance Ion 75.00 (74.70 to 75.70): VU029313.D (-3416) (-)

Ion 155.00 (154.70 to 155.70): VU029313.D (-3416) (-)

Ion 157.00 (156.70 to 157.70): VU029313.D (-3416) (-)

