

Data File : VU033376.D
Acq On : 23 Jul 2019 12:49
Operator : JC/SP
Sample : K3860-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PT-EDBCP-WS

Quant Time: Jul 24 02:27:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 03:43:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	26443	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	7893	0.76	ug/l	0.00
Spiked Amount 1.000			Recovery	=	76.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	8262	0.77	ug/l	0.00
Spiked Amount 1.000			Recovery	=	77.00%	
Target Compounds						
					Qvalue	
13) Acetone	2.31	43	1191	0.532	ug/l	90
15) Methylene Chloride	2.68	84	3287	0.259	ug/l	91
24) tert-Butyl Alcohol	2.82	59	6351	0.979	ug/l #	74
46) t-1,4-Dichloro-2-butene	10.48	75	4199	2.115	ug/l #	22
56) 1,2-Dibromoethane	8.58	107	6711	1.117	ug/l	100
71) 1,2,3-Trichloropropane	10.48	75	4199	0.637	ug/l #	87
73) n-propylbenzene	10.58	120	1890	0.203	ug/l	93
80) Nitrobenzene	12.65	77	363	1.022	ug/l #	40
86) 1,2-Dibromo-3-Chloropropan	12.64	75	1076	0.801	ug/l	91
89) Naphthalene	13.75	128	20	0.659	ug/l #	69

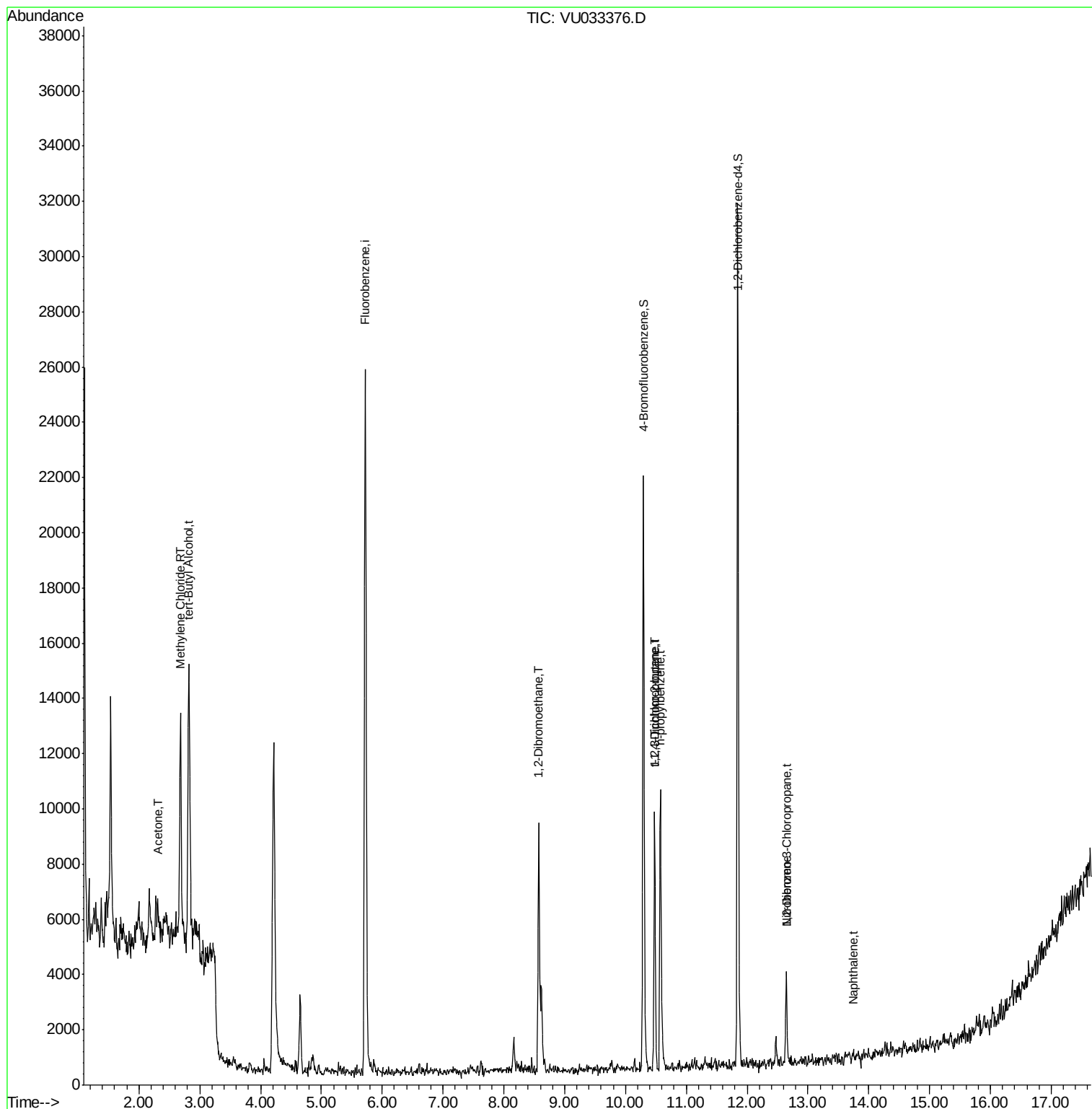
(#) = qualifier out of range (m) = manual integration (+) = signals summed

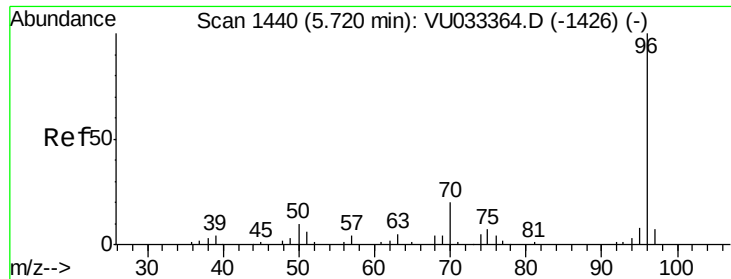
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MSVOA_U
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 03:43:51 2019
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VU033376.D

Acq: 23 Jul 2019 12:49

Instrument :

MSVOA_U

ClientSampleId :

PT-EDBCP-WS

Tgt Ion: 96 Resp: 26443

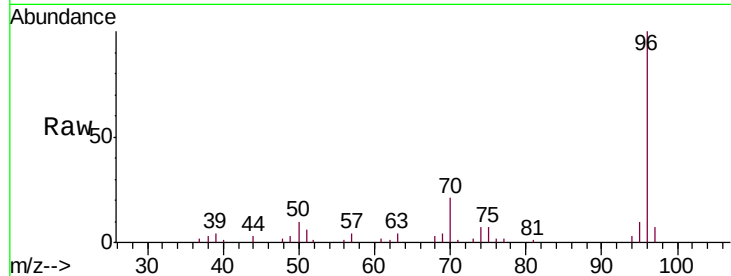
Ion Ratio Lower Upper

96 100

70 19.6 16.4 24.6

95 9.1 6.7 10.1

97 6.1 0.0 0.0#

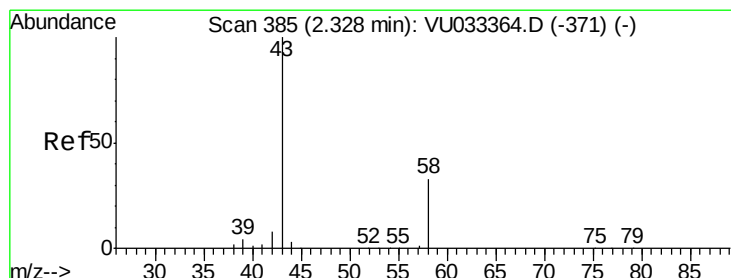
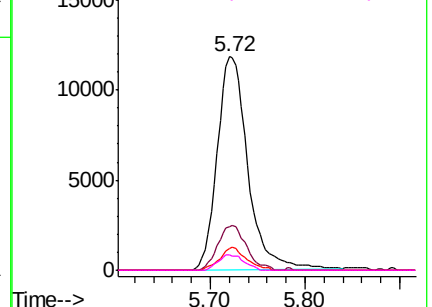
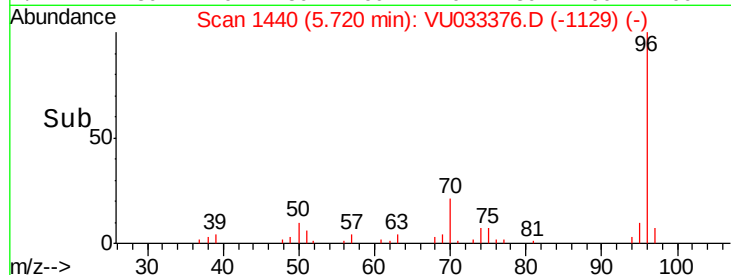


Abundance Ion 96.00 (95.70 to 96.70): VU033376.D (-1426) (-)

Ion 70.00 (69.70 to 70.70): VU033376.D (-1426) (-)

Ion 95.00 (94.70 to 95.70): VU033376.D (-1426) (-)

Ion 97.00 (96.70 to 97.70): VU033376.D (-1426) (-)



#13

Acetone

Concen: 0.532 ug/l

RT: 2.31 min Scan# 381

Delta R.T. -0.01 min

Lab File: VU033376.D

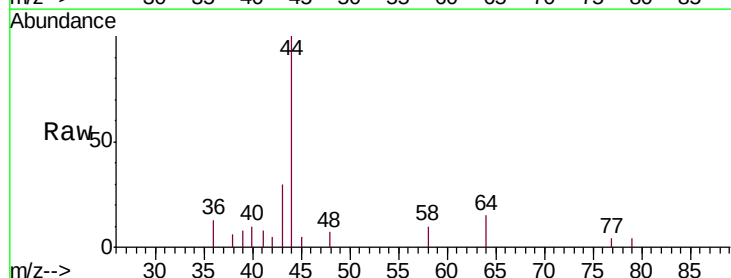
Acq: 23 Jul 2019 12:49

Tgt Ion: 43 Resp: 1191

Ion Ratio Lower Upper

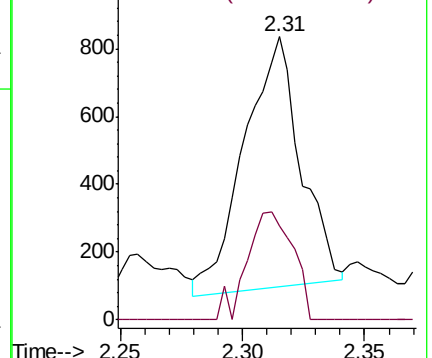
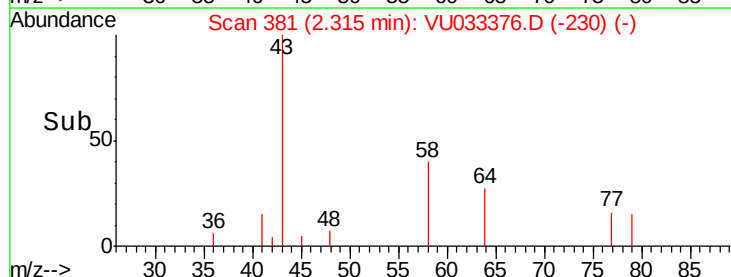
43 100

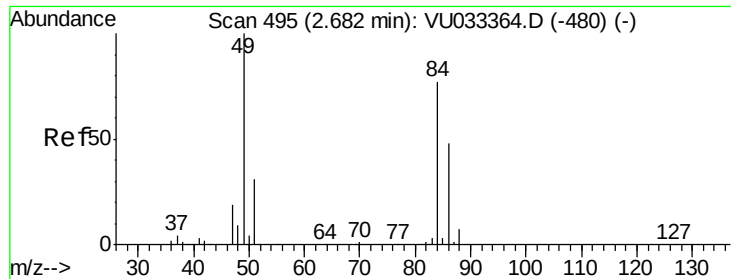
58 38.5 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VU033376.D (-230) (-)

Ion 58.00 (57.70 to 58.70): VU033376.D (-230) (-)

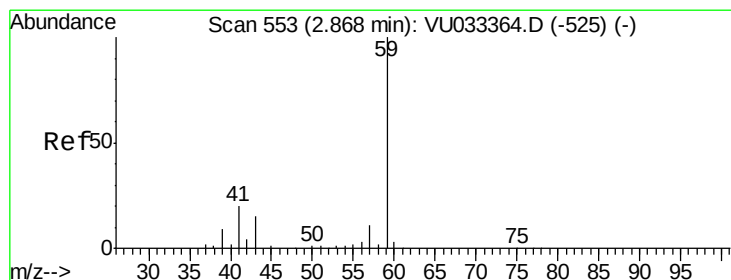
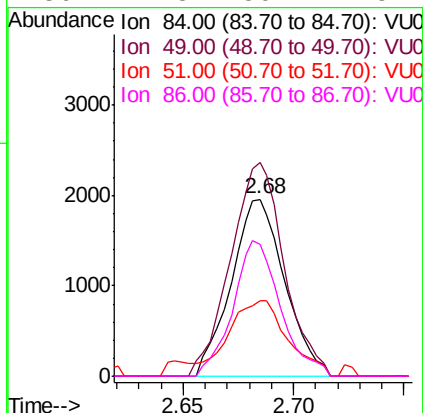
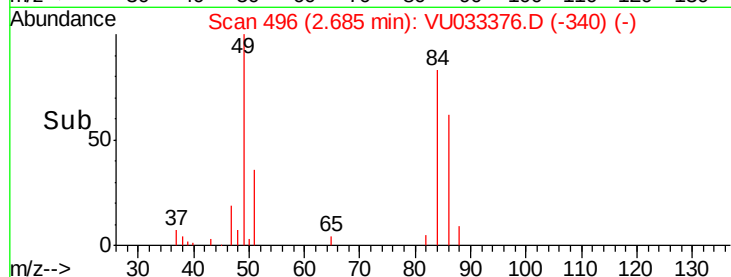
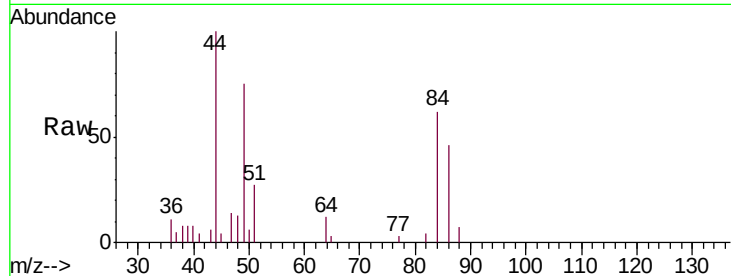




#15
Methylene Chloride
Concen: 0.259 ug/l
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033376.D
Acq: 23 Jul 2019 12:49

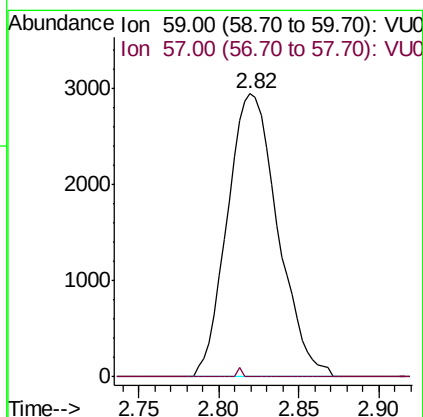
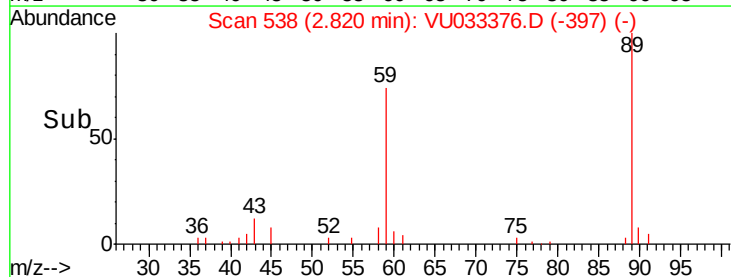
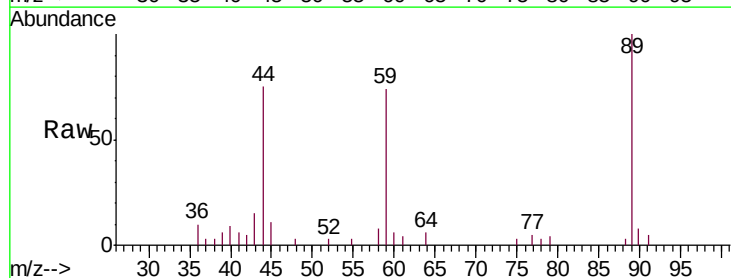
Instrument :
MSVOA_U
ClientSampleId :
PT-EDBCP-WS

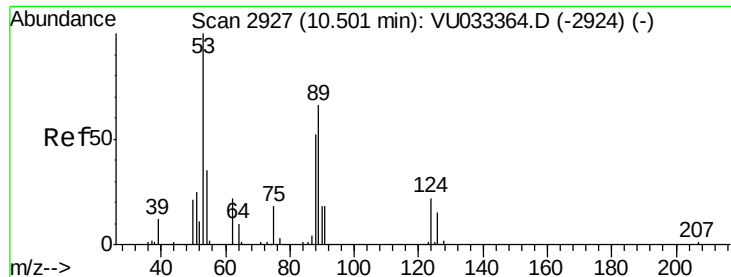
Tgt Ion: 84 Resp: 3287
Ion Ratio Lower Upper
84 100
49 120.8 103.5 155.3
51 43.0 0.0 80.4
86 74.3 50.1 75.1



#24
tert-Butyl Alcohol
Concen: 0.979 ug/l
RT: 2.82 min Scan# 538
Delta R.T. -0.05 min
Lab File: VU033376.D
Acq: 23 Jul 2019 12:49

Tgt Ion: 59 Resp: 6351
Ion Ratio Lower Upper
59 100
57 0.3 7.8 11.8#





#46

t-1,4-Dichloro-2-butene

Concen: 2.115 ug/l

RT: 10.48 min Scan# 2921

Delta R.T. -0.02 min

Lab File: VU033376.D

Acq: 23 Jul 2019 12:49

Instrument :

MSVOA_U

ClientSampleId :

PT-EDBCP-WS

Tgt Ion: 75 Resp: 4199

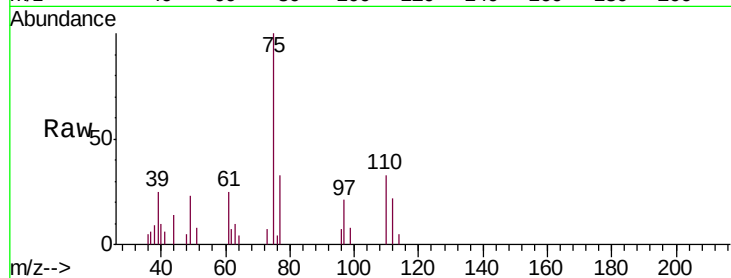
Ion Ratio Lower Upper

75 100

53 0.0 62.9 94.3#

89 4.1 43.0 64.4#

88 0.0 35.0 52.4#

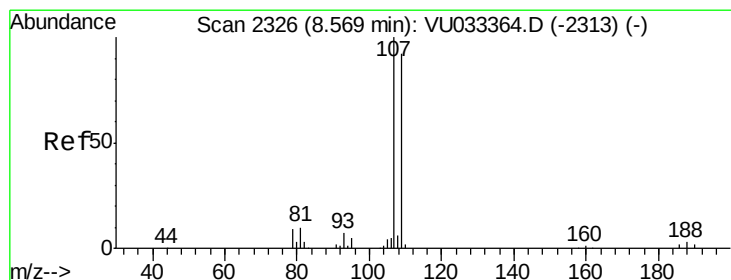
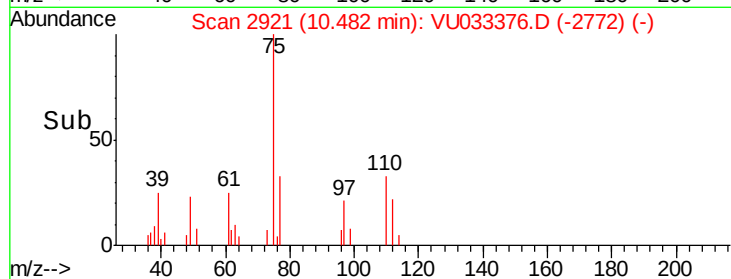
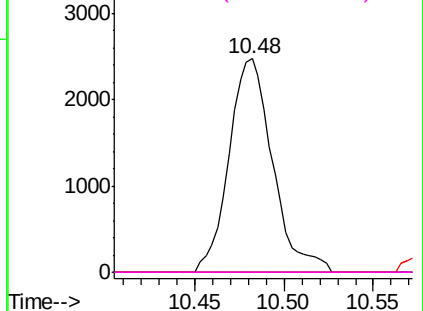


Abundance Ion 74.90 (74.60 to 75.60): VU0

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: 1.117 ug/l

RT: 8.58 min Scan# 2328

Delta R.T. 0.01 min

Lab File: VU033376.D

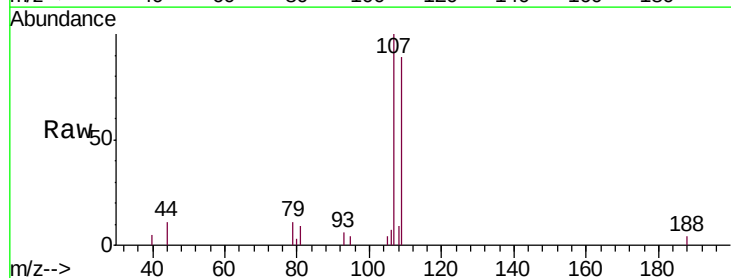
Acq: 23 Jul 2019 12:49

Tgt Ion: 107 Resp: 6711

Ion Ratio Lower Upper

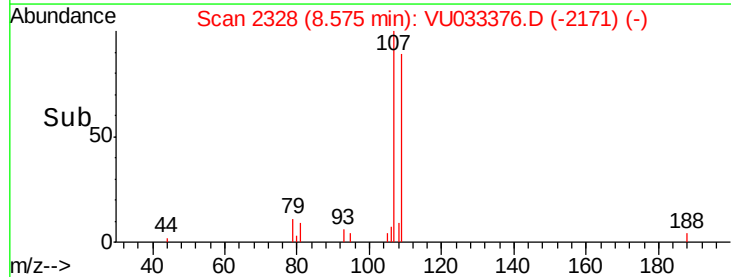
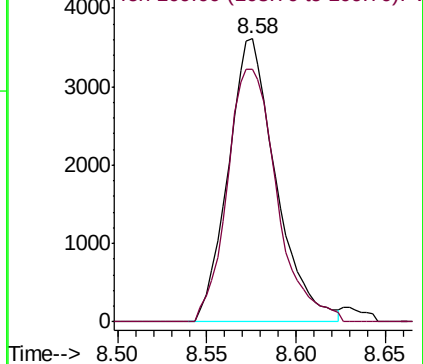
107 100

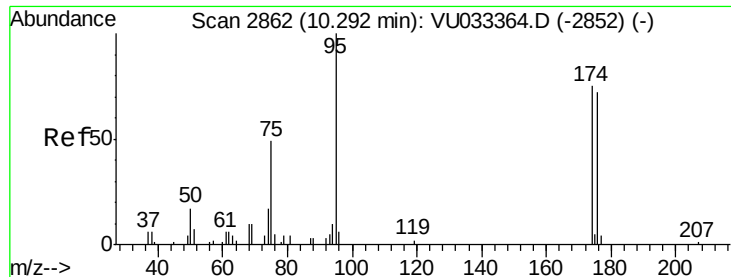
109 92.8 0.0 184.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 0.761 ug/l

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VU033376.D

Acq: 23 Jul 2019 12:49

Instrument :

MSVOA_U

ClientSampleId :

PT-EDBCP-WS

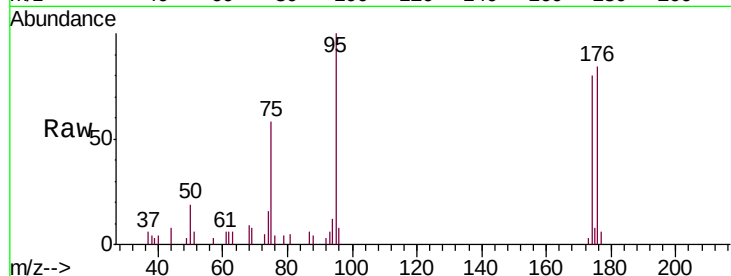
Tgt Ion: 95 Resp: 7893

Ion Ratio Lower Upper

95 100

174 76.7 58.8 88.2

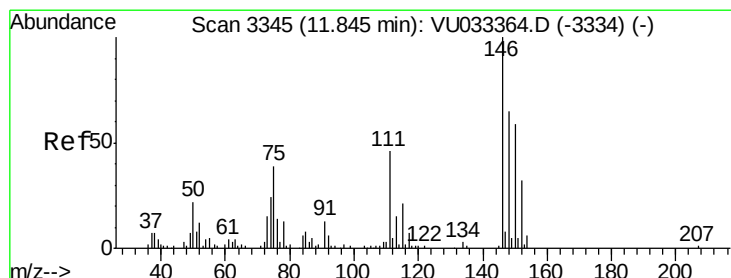
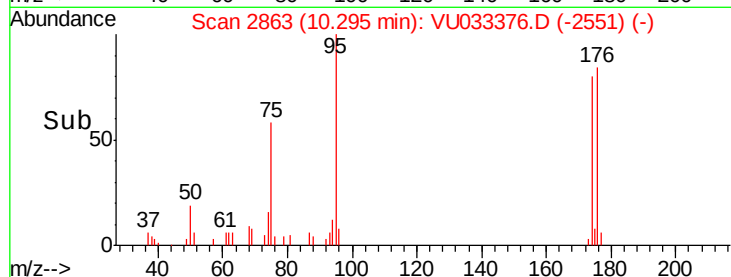
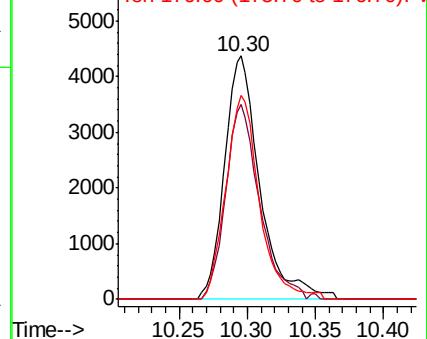
176 79.5 54.4 81.6



Abundance Ion 95.00 (94.70 to 95.70): VU033364.D (-2852) (-)

Ion 174.00 (173.70 to 174.70): VU033364.D (-2852) (-)

Ion 176.00 (175.70 to 176.70): VU033364.D (-2852) (-)



#68

1,2-Dichlorobenzene-d4

Concen: 0.771 ug/l

RT: 11.85 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VU033376.D

Acq: 23 Jul 2019 12:49

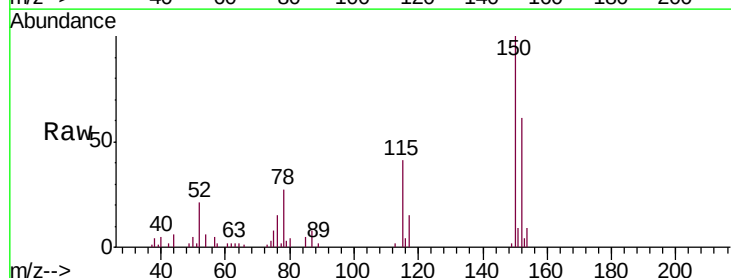
Tgt Ion: 152 Resp: 8262

Ion Ratio Lower Upper

152 100

115 70.7 0.0 123.2

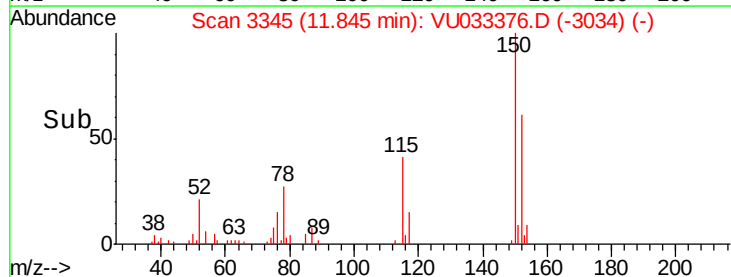
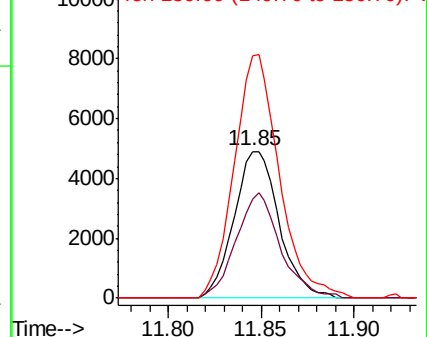
150 166.3 0.0 648.4

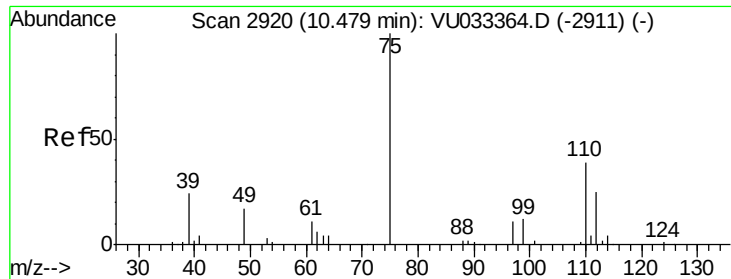


Abundance Ion 152.00 (151.70 to 152.70): VU033364.D (-3334) (-)

Ion 115.00 (114.70 to 115.70): VU033364.D (-3334) (-)

Ion 150.00 (149.70 to 150.70): VU033364.D (-3334) (-)

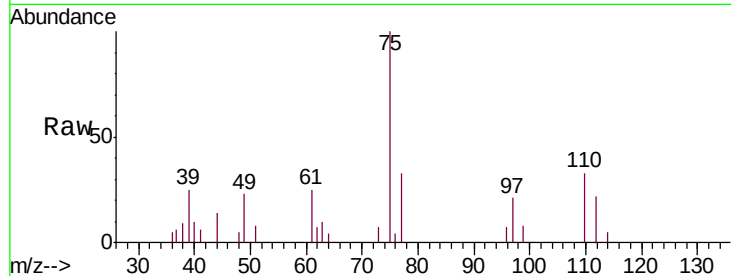




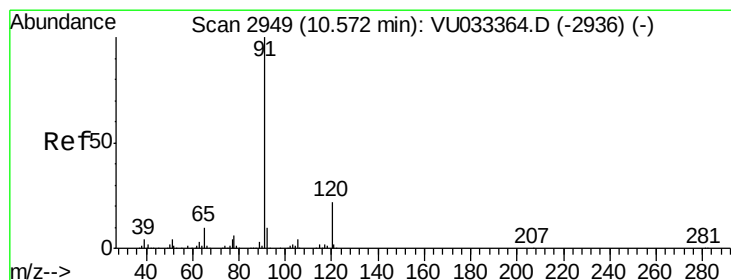
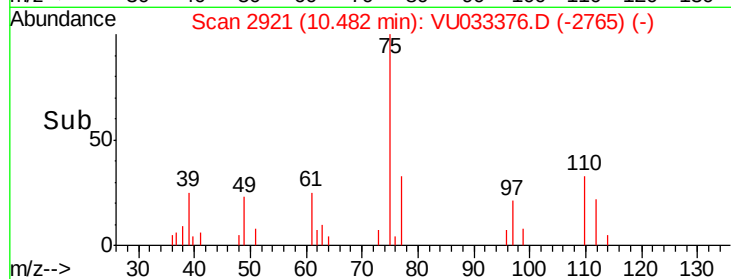
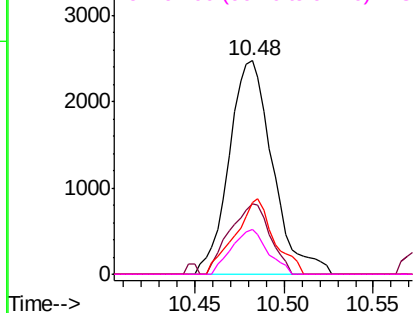
#71
 1,2,3-Trichloropropane
 Concen: 0.637 ug/l
 RT: 10.48 min Scan# 2921
 Delta R.T. 0.00 min
 Lab File: VU033376.D
 Acq: 23 Jul 2019 12:49

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-EDBCP-WS

Tgt Ion:	75	Resp:	4199
Ion	Ratio	Lower	Upper
75	100		
77	30.5	0.0	18.2#
110	31.4	0.0	71.4
97	17.5	0.0	37.8

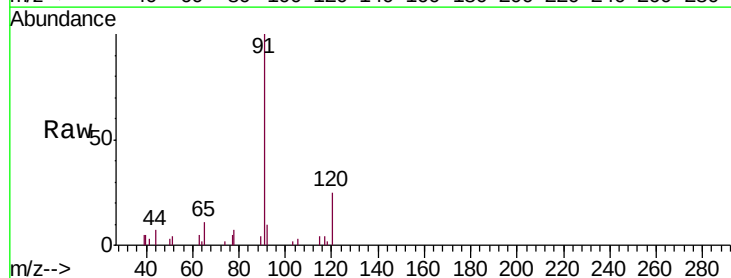


Abundance Ion 75.00 (74.70 to 75.70): VU033376.D (-2911) (-)
 Ion 77.00 (76.70 to 77.70): VU033376.D (-2911) (-)
 Ion 110.00 (109.70 to 110.70): VU033376.D (-2911) (-)
 Ion 97.00 (96.70 to 97.70): VU033376.D (-2911) (-)

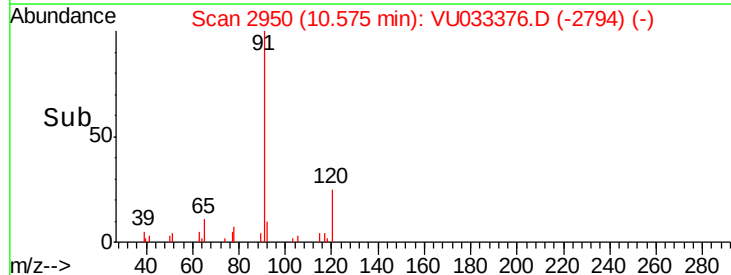
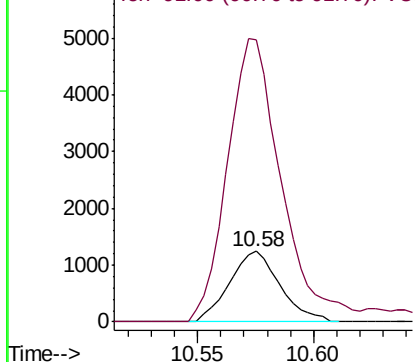


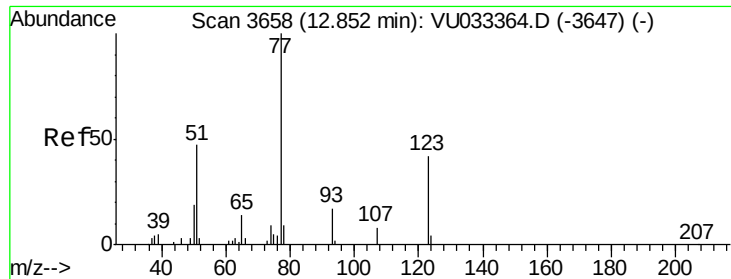
#73
 n-propylbenzene
 Concen: 0.203 ug/l
 RT: 10.58 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: VU033376.D
 Acq: 23 Jul 2019 12:49

Tgt Ion:	120	Resp:	1890
Ion	Ratio	Lower	Upper
120	100		
91	426.6	355.1	532.7



Abundance Ion 120.00 (119.70 to 120.70): VU033376.D (-2794) (-)
 Ion 91.00 (90.70 to 91.70): VU033376.D (-2794) (-)





#80

Nitrobenzene

Concen: 1.022 ug/l

RT: 12.65 min Scan# 3594

Delta R.T. -0.21 min

Lab File: VU033376.D

Acq: 23 Jul 2019 12:49

Instrument :

MSVOA_U

ClientSampleId :

PT-EDBCP-WS

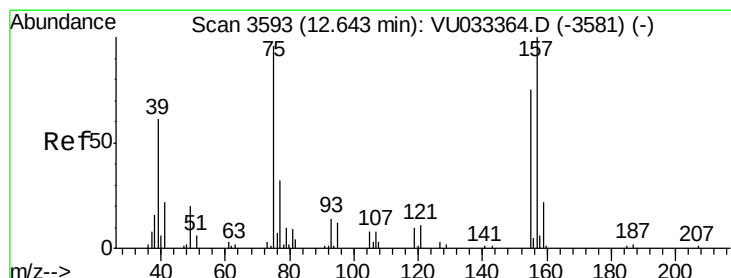
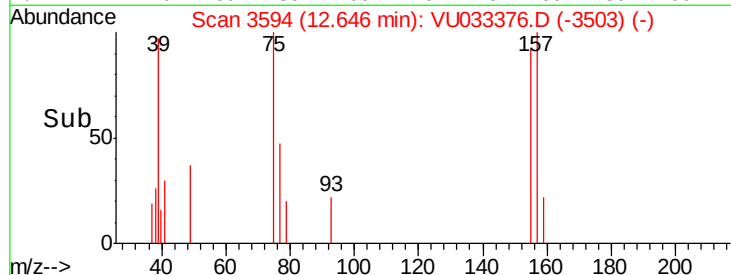
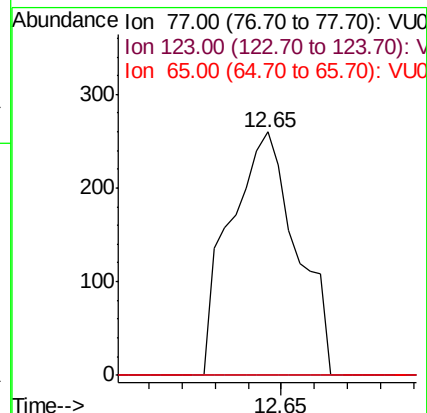
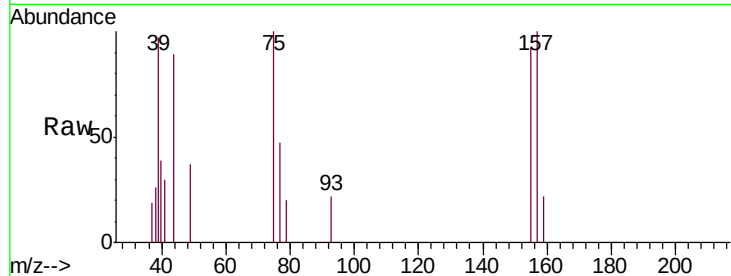
Tgt Ion: 77 Resp: 363

Ion Ratio Lower Upper

77 100

123 0.0 19.3 68.3#

65 0.0 10.1 12.9#



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.801 ug/l

RT: 12.64 min Scan# 3593

Delta R.T. -0.00 min

Lab File: VU033376.D

Acq: 23 Jul 2019 12:49

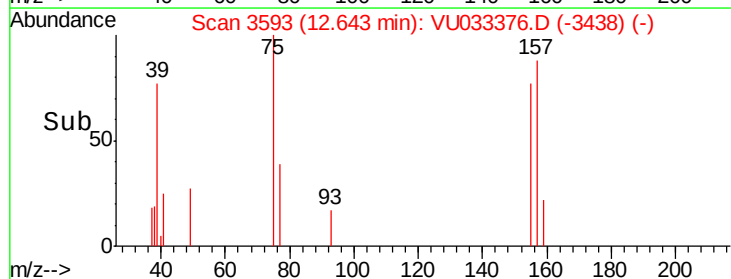
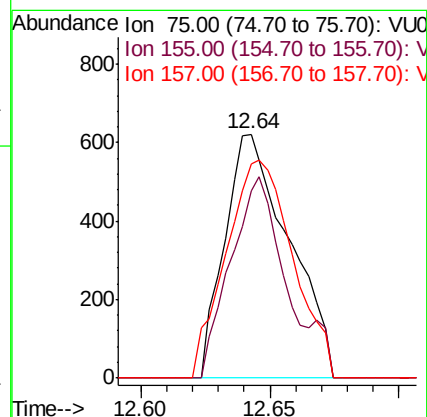
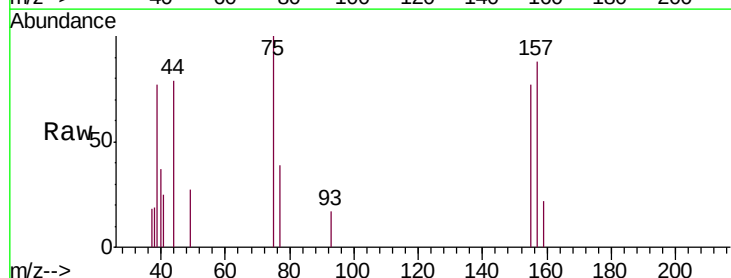
Tgt Ion: 75 Resp: 1076

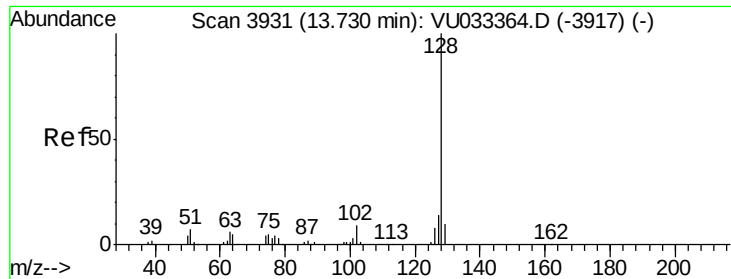
Ion Ratio Lower Upper

75 100

155 72.3 63.3 94.9

157 93.4 82.5 123.7





#89

Naphthalene

Concen: 0.659 ug/l

RT: 13.75 min Scan# 3938

Delta R.T. 0.02 min

Lab File: VU033376.D

Acq: 23 Jul 2019 12:49

Instrument :

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ClientSampleId :

PT-EDBCP-WS

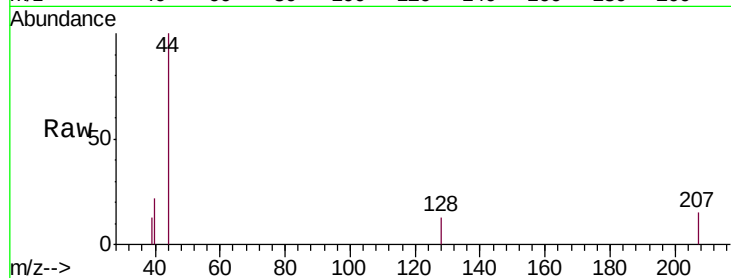
Tgt Ion:128 Resp: 20

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

