

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102220\
 Data File : VU040918.D
 Acq On : 22 Oct 2020 22:55
 Operator : SY/MD
 Sample : VU1022WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBL01

Quant Time: Oct 23 07:09:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

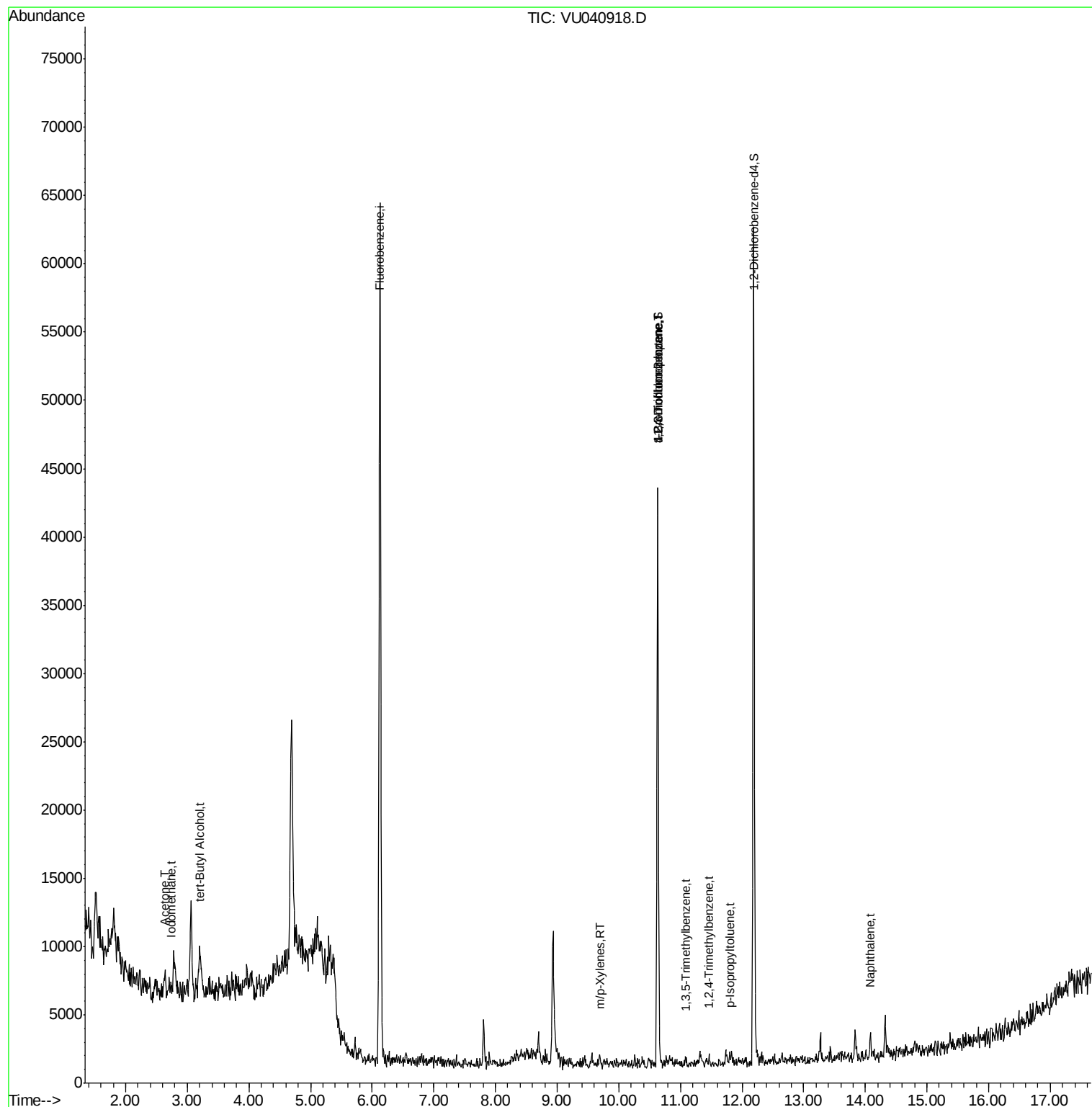
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.13	96	53891	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	13949	0.71	ug/l	0.00
Spiked Amount 1.000			Recovery	=	71.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	14903	0.73	ug/l	0.00
Spiked Amount 1.000			Recovery	=	73.00%	
Target Compounds						Ovalue
10) Iodomethane	2.73	142	116	0.404	ug/l #	27
13) Acetone	2.64	43	1460	0.332	ug/l	97
24) tert-Butyl Alcohol	3.21	59	2158	1.313	ug/l #	72
46) t-1,4-Dichloro-2-butene	10.63	75	7381	1.293	ug/l #	19
64) m/p-Xylenes	9.70	106	134	0.438	ug/l #	26
71) 1,2,3-Trichloropropane	10.63	75	7381	0.512	ug/l #	35
75) 1,3,5-Trimethylbenzene	11.08	105	149	0.239	ug/l #	29
78) 1,2,4-Trimethylbenzene	11.47	105	249	0.245	ug/l	74
81) p-Isopropyltoluene	11.79	119	406	0.292	ug/l #	50
89) Naphthalene	14.08	128	1849	0.752	ug/l #	74
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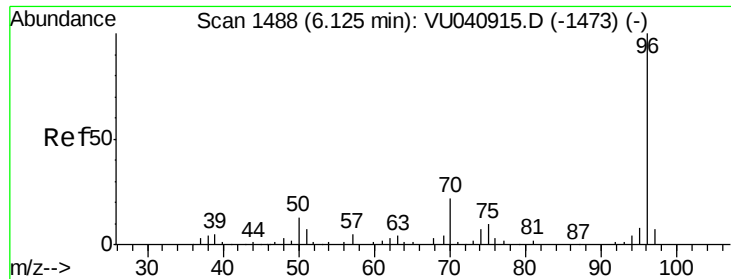
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 23 07:07:33 2020
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. 0.00 min

Lab File: VU040918.D

Acq: 22 Oct 2020 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBL01

Tot Ion: 96 Resp: 53891

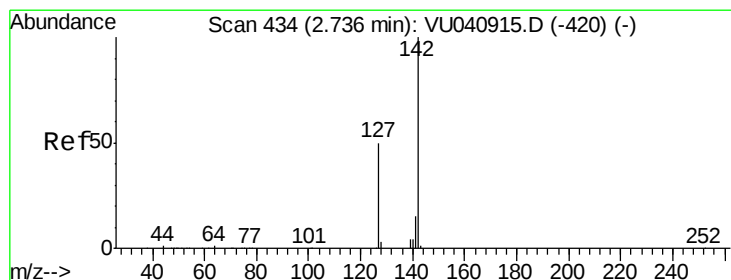
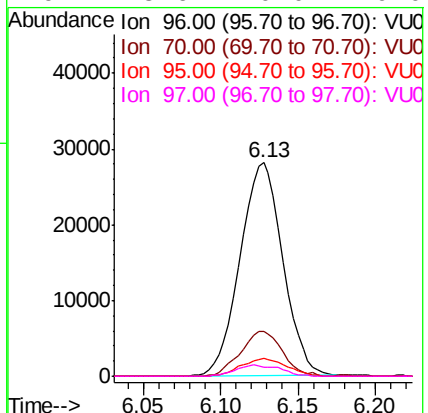
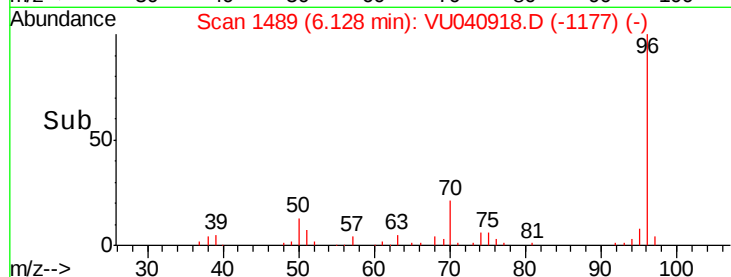
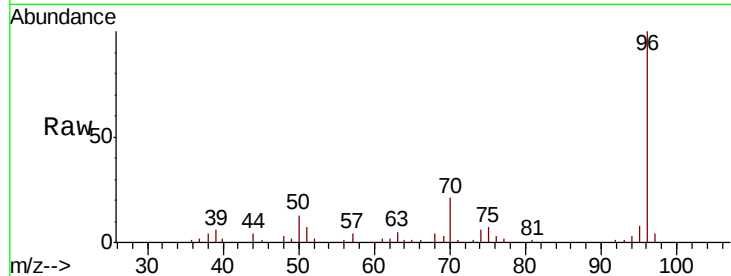
Ion Ratio Lower Upper

96 100

70 20.8 16.3 24.5

95 9.0 7.3 10.9

97 5.6 0.0 0.0#



#10

Iodomethane

Concen: 0.404 ug/l

RT: 2.73 min Scan# 433

Delta R.T. -0.00 min

Lab File: VU040918.D

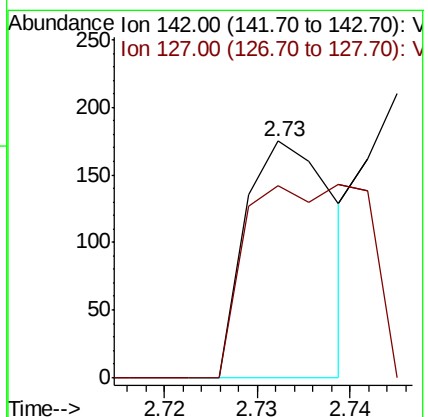
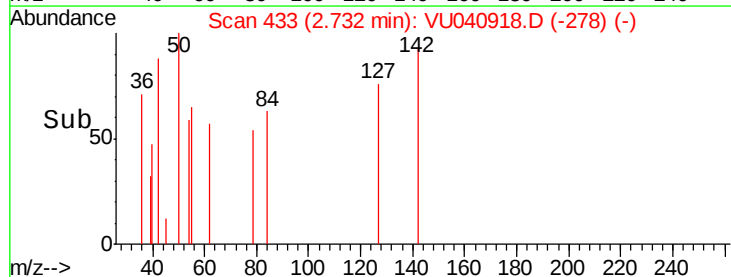
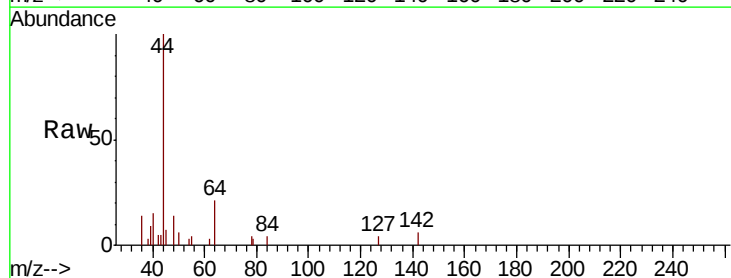
Acq: 22 Oct 2020 22:55

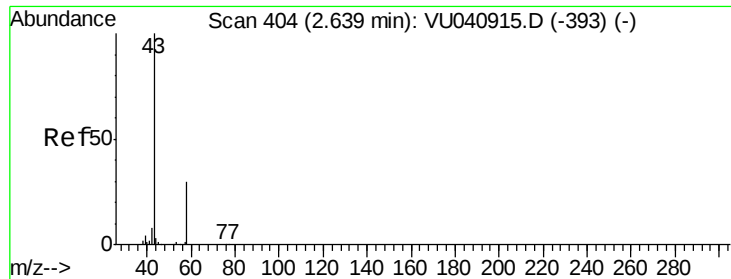
Tgt Ion: 142 Resp: 116

Ion Ratio Lower Upper

142 100

127 0.0 40.6 60.8#





#13

Acetone

Concen: 0.332 ug/l

RT: 2.64 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU040918.D

Acq: 22 Oct 2020 22:55

Instrument :

MSVOA_U

ClientSampleId :

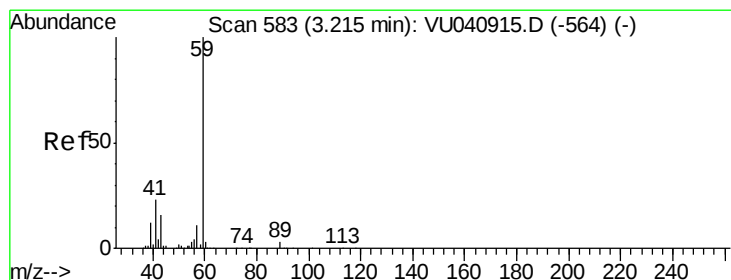
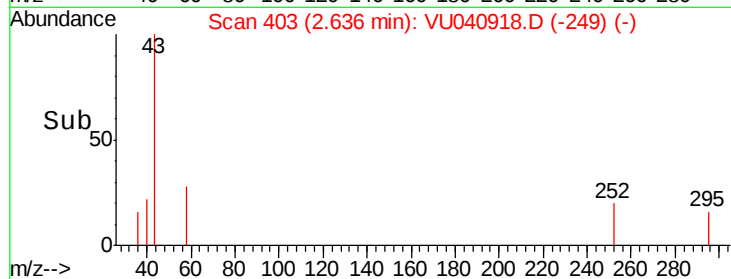
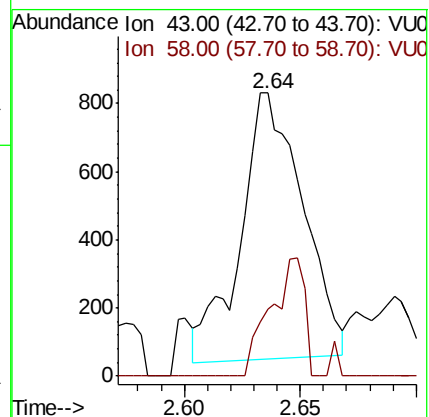
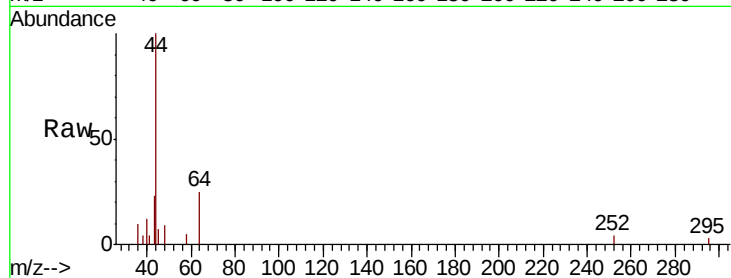
VU1022WBL01

Tot Ion: 43 Resp: 1460

Ion Ratio Lower Upper

43 100

58 28.1 23.6 35.4



#24

tert-Butyl Alcohol

Concen: 1.313 ug/l

RT: 3.21 min Scan# 581

Delta R.T. -0.01 min

Lab File: VU040918.D

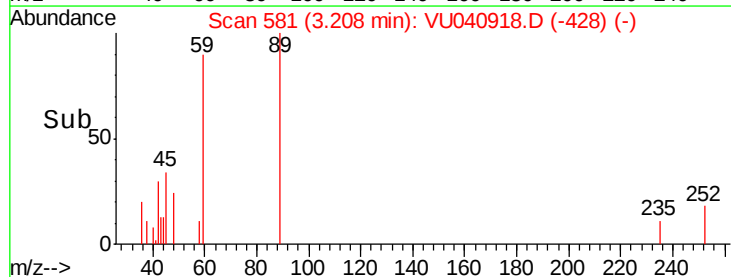
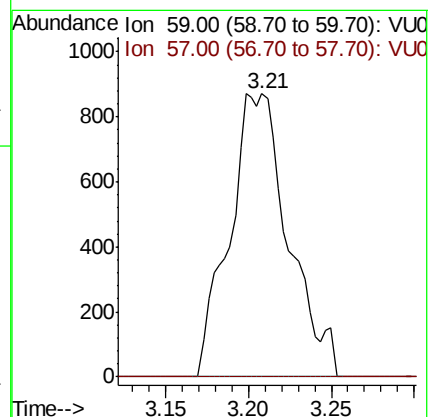
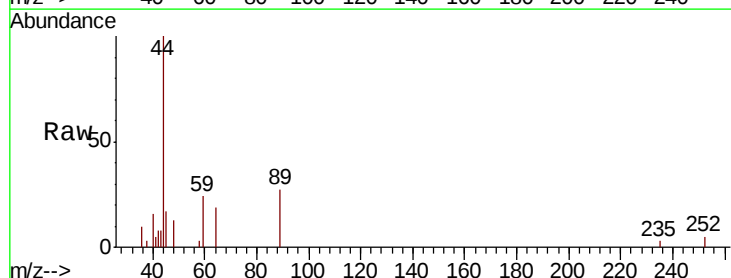
Acq: 22 Oct 2020 22:55

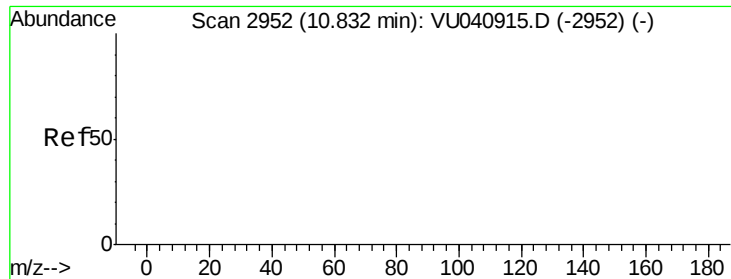
Tgt Ion: 59 Resp: 2158

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#

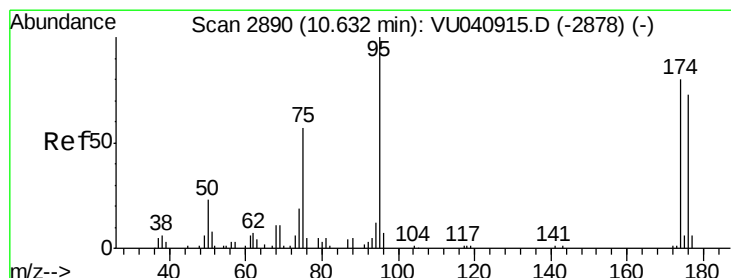
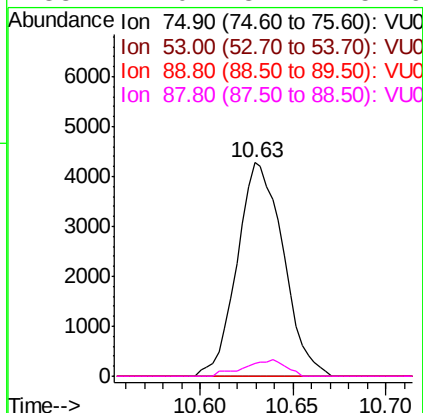
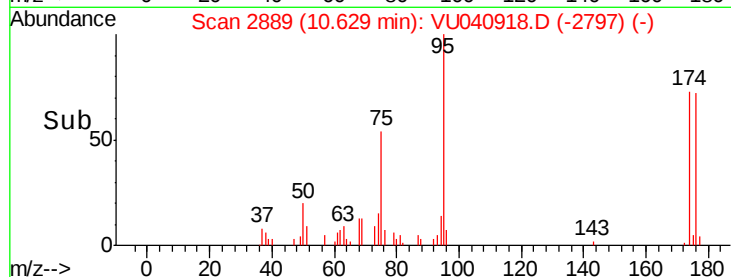
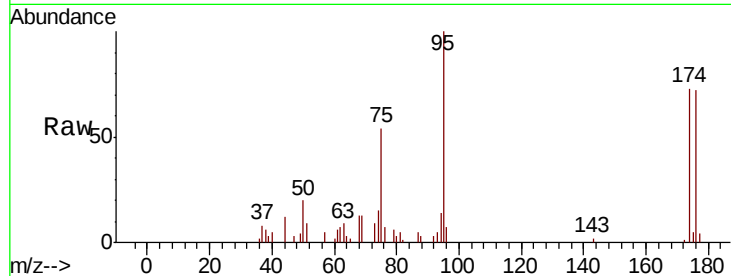




#46
t-1,4-Dichloro-2-butene
Concen: 1.293 ug/l
RT: 10.63 min Scan# 2889
Delta R.T. -0.20 min
Lab File: VU040918.D
Acq: 22 Oct 2020 22:55

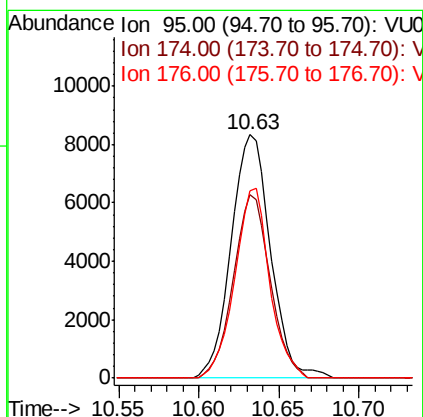
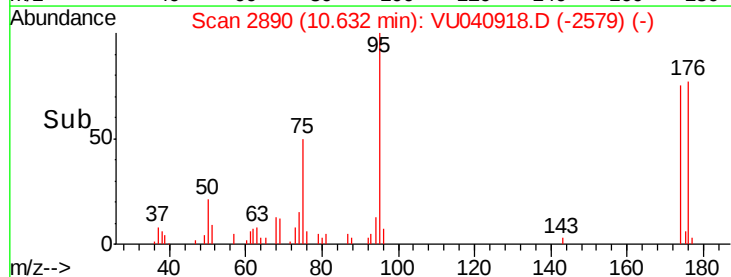
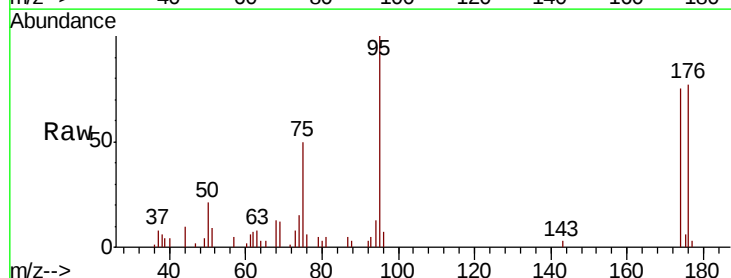
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBL01

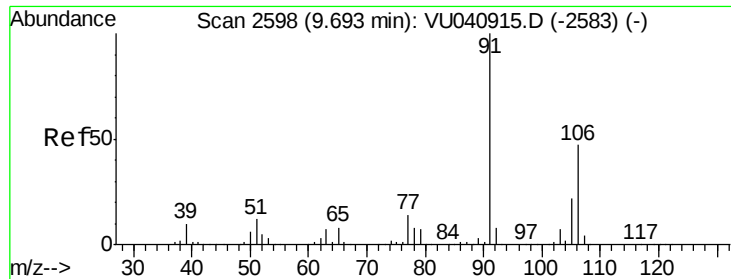
Tot Ion: 75 Resp: 7381
Ion Ratio Lower Upper
75 100
53 0.0 73.0 109.4#
89 0.0 41.7 62.5#
88 7.0 34.4 51.6#



#57
4-Bromofluorobenzene
Concen: 0.709 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VU040918.D
Acq: 22 Oct 2020 22:55

Tgt Ion: 95 Resp: 13949
Ion Ratio Lower Upper
95 100
174 70.1 60.3 90.5
176 68.8 55.6 83.4





#64

m/p-Xvlenes

Concen: 0.438 ug/l

RT: 9.70 min Scan# 2600

Delta R.T. 0.01 min

Lab File: VU040918.D

Acq: 22 Oct 2020 22:55

Instrument :

MSVOA_U

ClientSampleId :

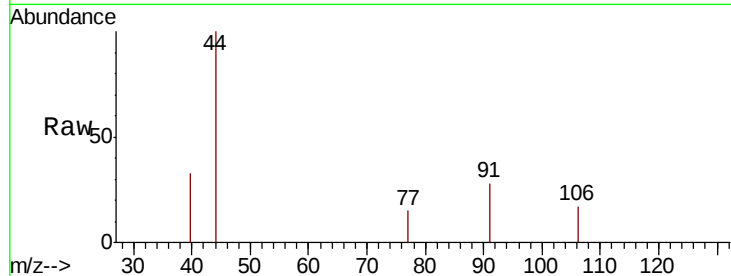
VU1022WBL01

Tot Ion:106 Resp: 134

Ion Ratio Lower Upper

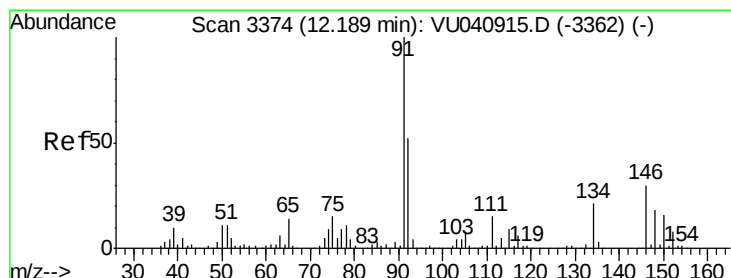
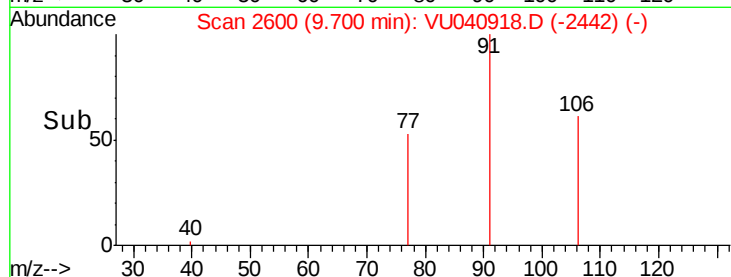
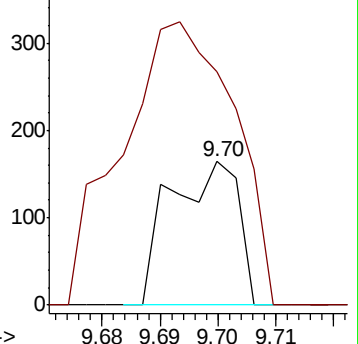
106 100

91 326.1 168.3 252.5#



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: 0.726 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU040918.D

Acq: 22 Oct 2020 22:55

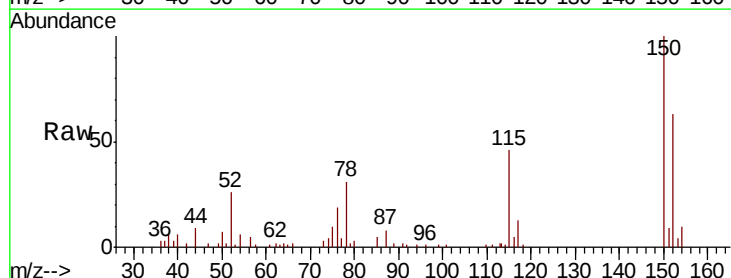
Tgt Ion:152 Resp: 14903

Ion Ratio Lower Upper

152 100

115 66.6 0.0 323.4

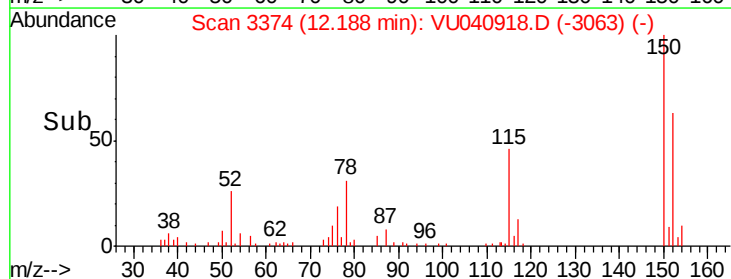
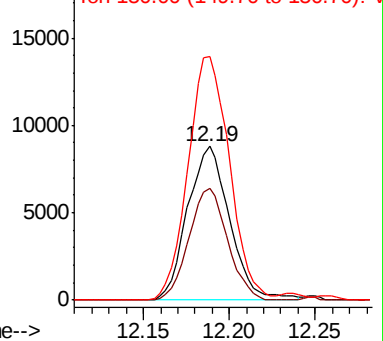
150 156.5 0.0 653.8

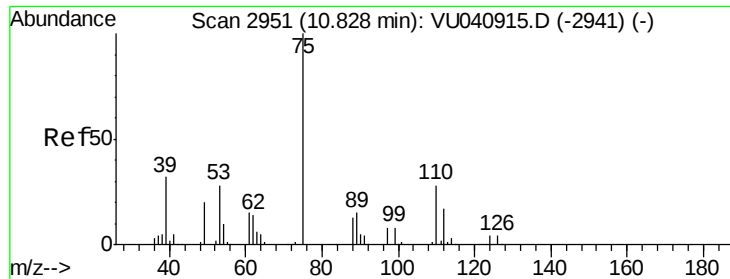


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

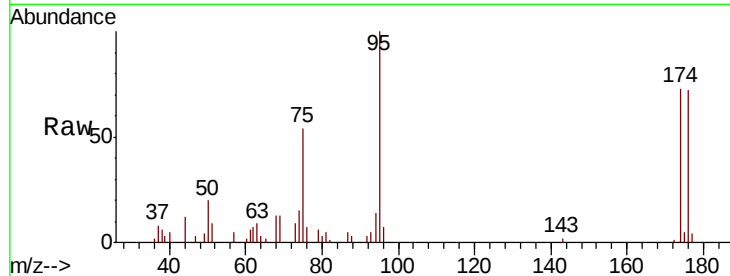




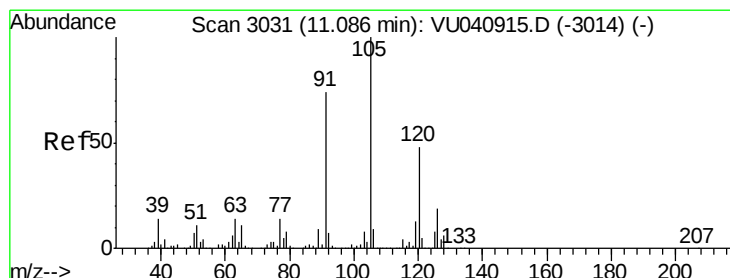
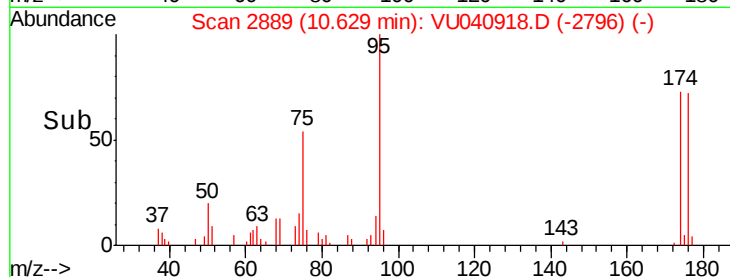
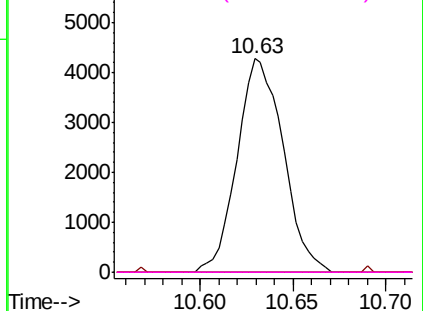
#71
 1,2,3-Trichloropropane
 Concen: 0.512 ug/l
 RT: 10.63 min Scan# 2889
 Delta R.T. -0.20 min
 Lab File: VU040918.D
 Acq: 22 Oct 2020 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBL01

Tot Ion:	75	Resp:	7381
Ion	Ratio	Lower	Upper
75	100		
77	0.3	0.0	110.8
110	0.0	0.0	73.4
97	0.0	0.0	36.0

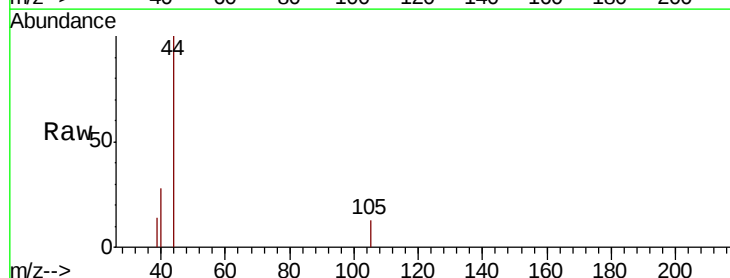


Abundance Ion 75.00 (74.70 to 75.70): VU040918.D (-2941) (-)
 Ion 77.00 (76.70 to 77.70): VU040918.D (-2941) (-)
 Ion 110.00 (109.70 to 110.70): VU040918.D (-2941) (-)
 Ion 97.00 (96.70 to 97.70): VU040918.D (-2941) (-)

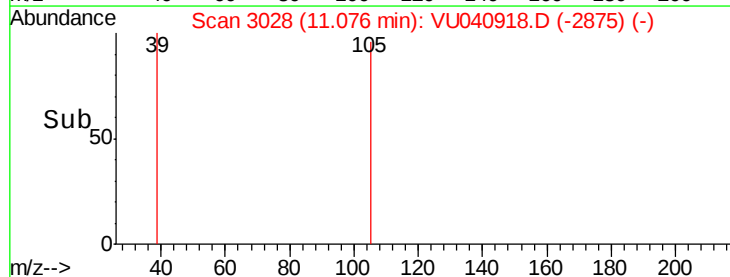
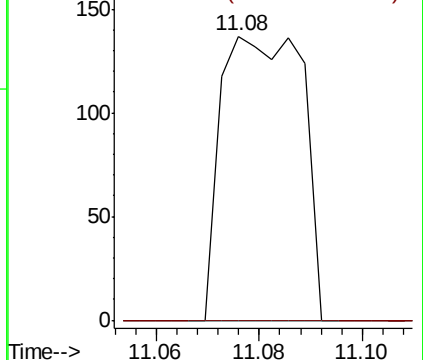


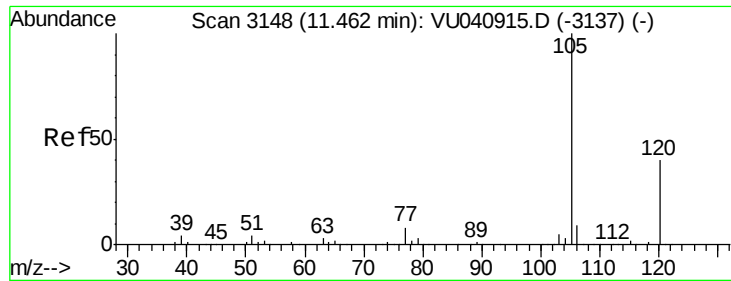
#75
 1,3,5-Trimethylbenzene
 Concen: 0.239 ug/l
 RT: 11.08 min Scan# 3028
 Delta R.T. -0.01 min
 Lab File: VU040918.D
 Acq: 22 Oct 2020 22:55

Tgt Ion:	105	Resp:	149
Ion	Ratio	Lower	Upper
105	100		
120	0.0	38.7	58.1#



Abundance Ion 105.00 (104.70 to 105.70): VU040918.D (-3014) (-)
 Ion 120.00 (119.70 to 120.70): VU040918.D (-3014) (-)

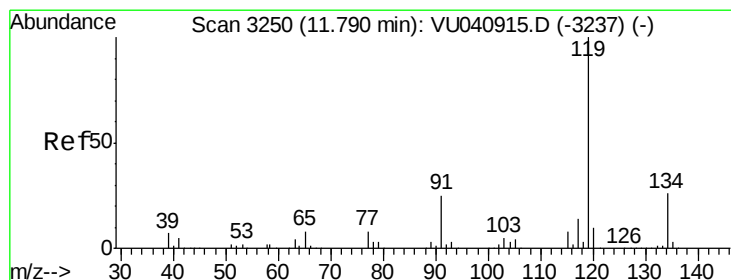
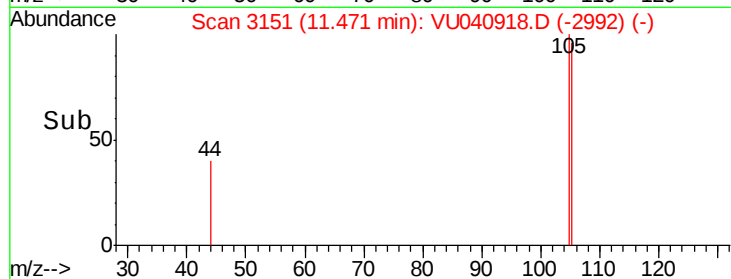
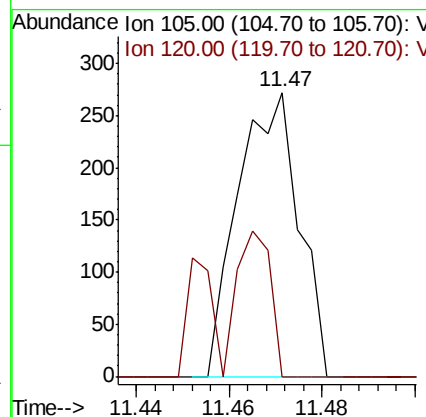
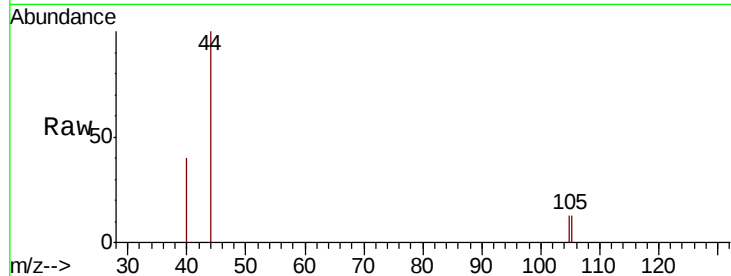




#78
 1,2,4-Trimethylbenzene
 Concen: 0.245 ug/l
 RT: 11.47 min Scan# 3151
 Delta R.T. 0.01 min
 Lab File: VU040918.D
 Acq: 22 Oct 2020 22:55

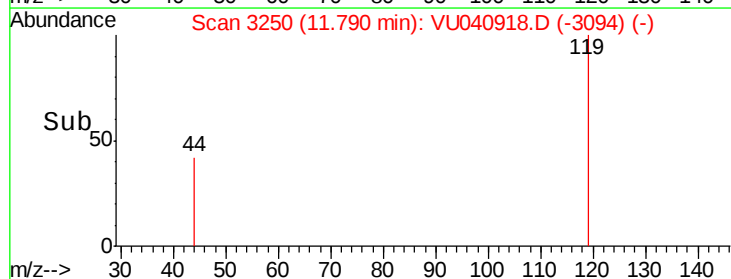
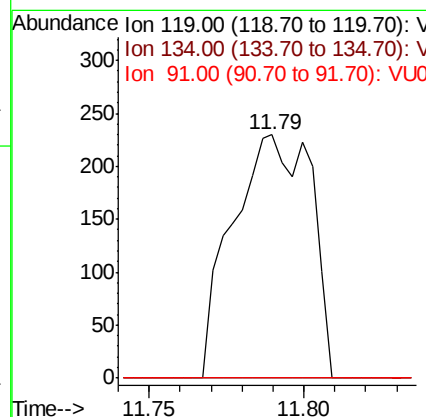
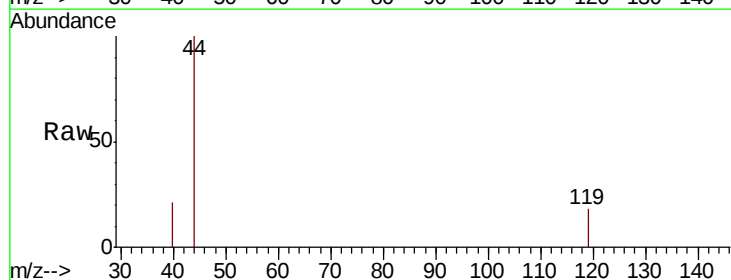
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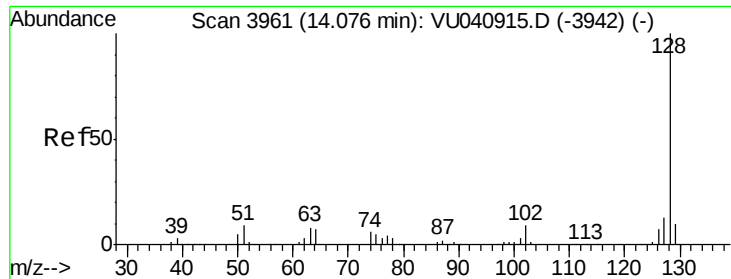
Tot Ion:105 Resp: 249
 Ion Ratio Lower Upper
 105 100
 120 28.1 22.6 67.8



#81
 p-Isopropyltoluene
 Concen: 0.292 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU040918.D
 Acq: 22 Oct 2020 22:55

Tgt Ion:119 Resp: 406
 Ion Ratio Lower Upper
 119 100
 134 0.0 20.4 30.6#
 91 0.0 20.4 30.6#





#89

Naphthalene

Concen: 0.752 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU040918.D

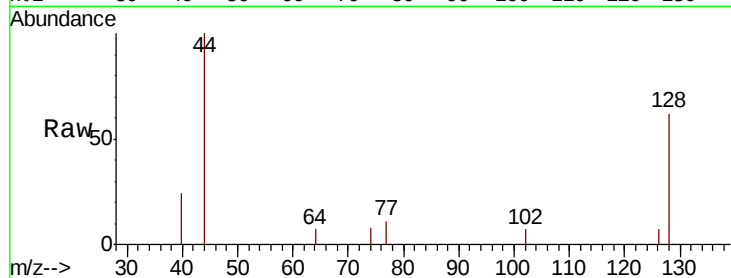
Acq: 22 Oct 2020 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBL01



Tot Ion:128 Resp: 1849

Ion Ratio Lower Upper

128 100

127 3.0 10.7 16.1#

129 1.0 8.6 13.0#

