

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102320\
 Data File : VU040927.D
 Acq On : 23 Oct 2020 10:28
 Operator : SY/MD
 Sample : VU1023WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBL01

Quant Time: Oct 24 06:22:02 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

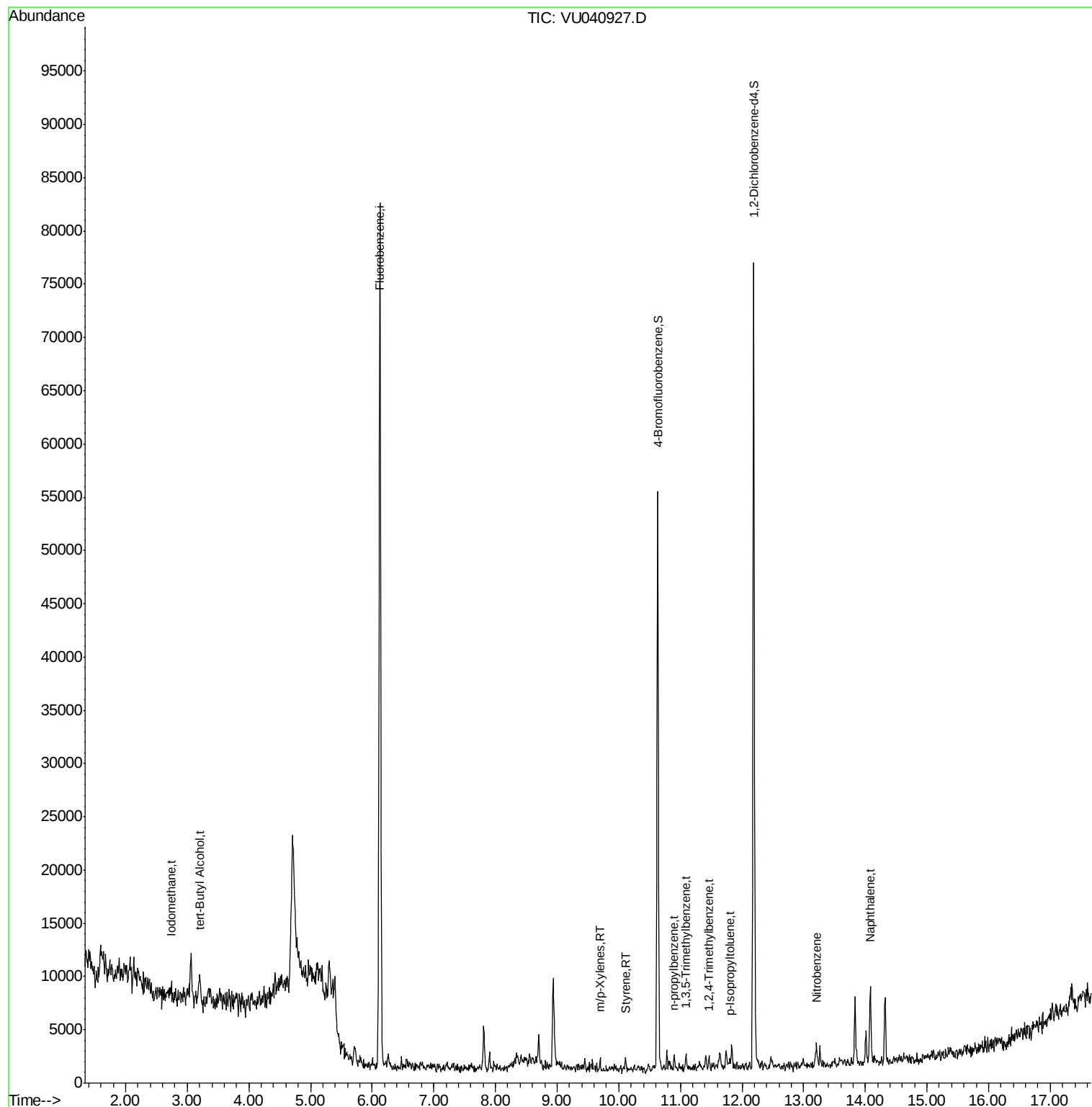
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.12	96	68012	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	17686	0.71	ug/l	0.00
Spiked Amount 1.000			Recovery	=	71.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	18772	0.72	ug/l	0.00
Spiked Amount 1.000			Recovery	=	72.00%	
Target Compounds						Ovalue
10) Iodomethane	2.74	142	335	0.411	ug/l #	71
24) tert-Butyl Alcohol	3.21	59	1763	0.850	ug/l #	72
64) m/p-Xylenes	9.70	106	102	0.436	ug/l #	1
66) Styrene	10.10	104	205	0.266	ug/l #	69
73) n-propylbenzene	10.90	120	194	0.237	ug/l	97
75) 1,3,5-Trimethylbenzene	11.09	105	509	0.242	ug/l	97
78) 1,2,4-Trimethylbenzene	11.47	105	923	0.252	ug/l	77
80) Nitrobenzene	13.20	77	1764	1.563	ug/l #	61
81) p-Isopropyltoluene	11.79	119	814	0.295	ug/l #	58
89) Naphthalene	14.09	128	5694	0.801	ug/l #	93
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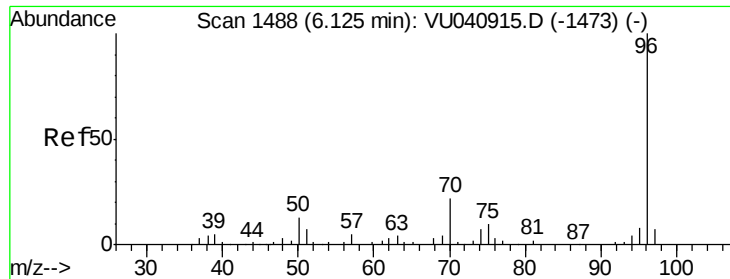
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 24 06:22:02 2020
Quant Method : Z:\V0ASRV\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





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU040927.D

Acq: 23 Oct 2020 10:28

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBL01

Tot Ion: 96 Resp: 68012

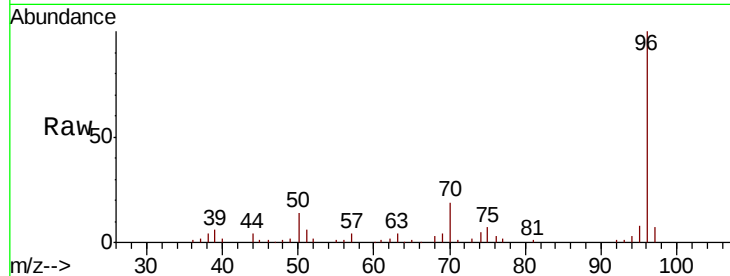
Ion Ratio Lower Upper

96 100

70 21.1 16.3 24.5

95 9.2 7.3 10.9

97 7.1 0.0 0.0#

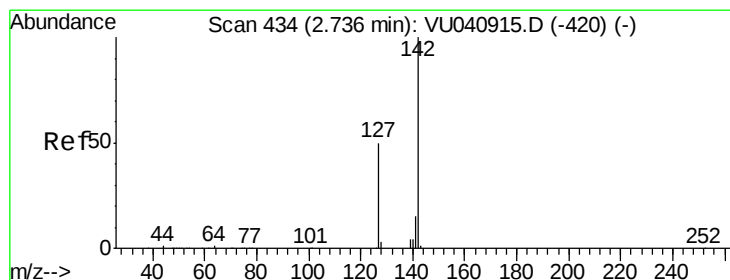
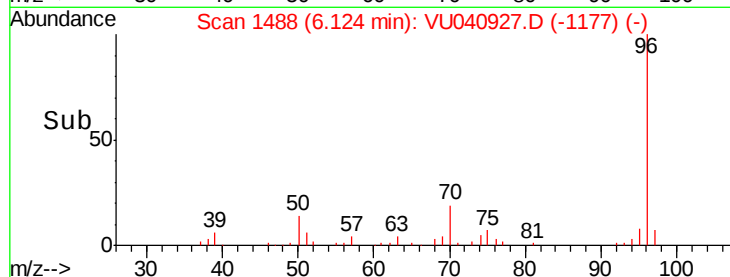
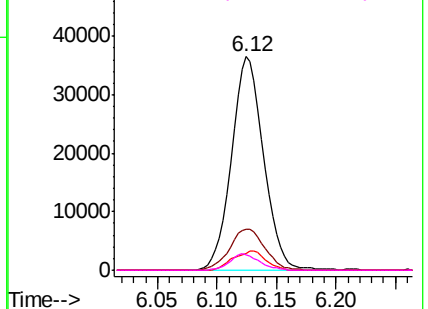


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#10

Iodomethane

Concen: 0.411 ug/l

RT: 2.74 min Scan# 435

Delta R.T. 0.00 min

Lab File: VU040927.D

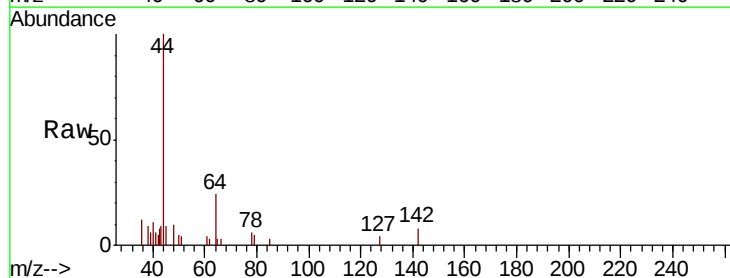
Acq: 23 Oct 2020 10:28

Tgt Ion: 142 Resp: 335

Ion Ratio Lower Upper

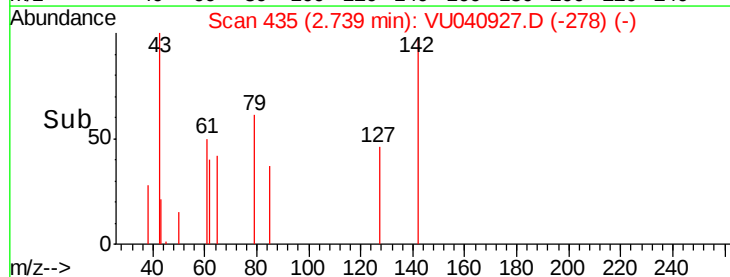
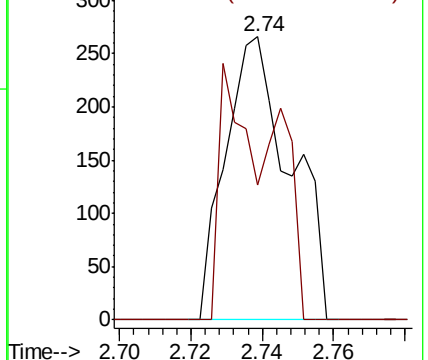
142 100

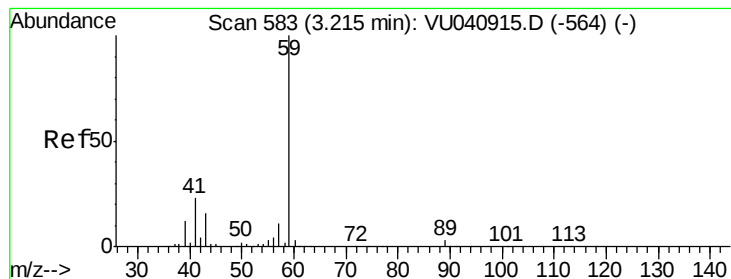
127 30.7 40.6 60.8#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#24

tert-Butyl Alcohol

Concen: 0.850 ug/l

RT: 3.21 min Scan# 582

Delta R.T. -0.00 min

Lab File: VU040927.D

Acq: 23 Oct 2020 10:28

Instrument :

MSVOA_U

ClientSampleId :

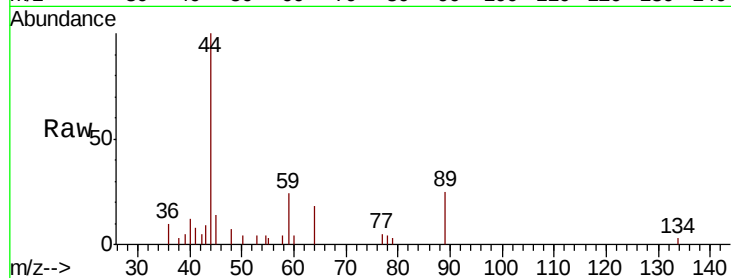
VU1023WBL01

Tot Ion: 59 Resp: 1763

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU040915.D (-564) (-)

Ion 57.00 (56.70 to 57.70): VU040915.D (-564) (-)

3.21

800

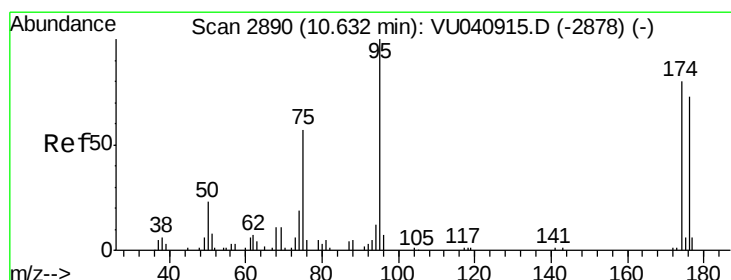
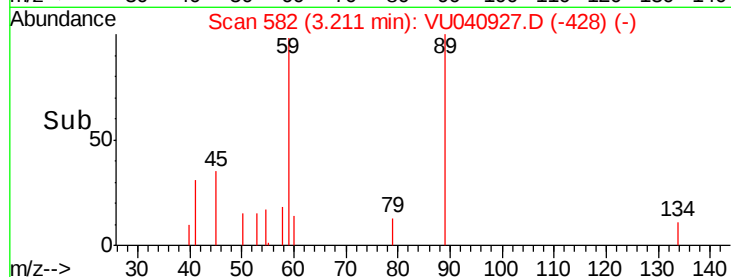
600

400

200

0

Time-->



#57

4-Bromofluorobenzene

Concen: 0.712 ug/l

RT: 10.63 min Scan# 2890

Delta R.T. -0.00 min

Lab File: VU040927.D

Acq: 23 Oct 2020 10:28

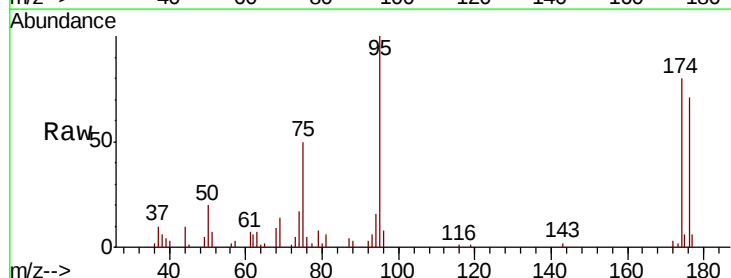
Tgt Ion: 95 Resp: 17686

Ion Ratio Lower Upper

95 100

174 76.2 60.3 90.5

176 71.4 55.6 83.4



Abundance Ion 95.00 (94.70 to 95.70): VU040915.D (-2878) (-)

Ion 174.00 (173.70 to 174.70): VU040915.D (-2878) (-)

Ion 176.00 (175.70 to 176.70): VU040915.D (-2878) (-)

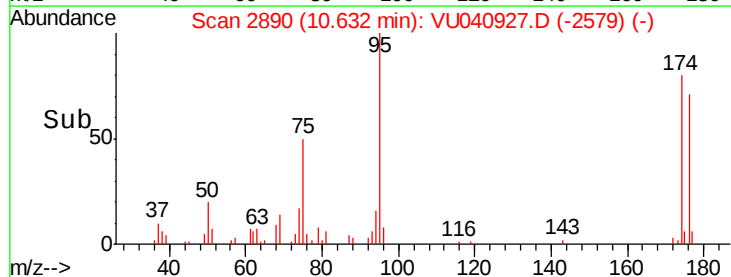
10.63

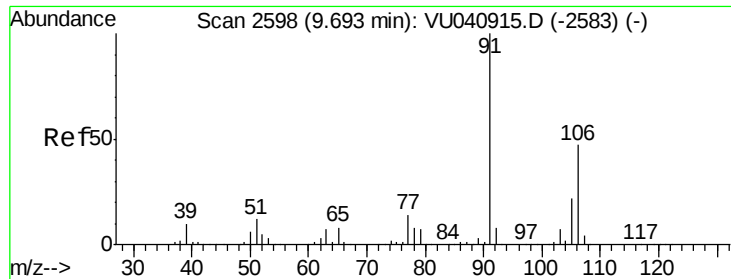
10000

5000

0

Time-->





#64

m/p-Xylenes

Concen: 0.436 ug/l

RT: 9.70 min Scan# 2600

Delta R.T. 0.01 min

Lab File: VU040927.D

Acq: 23 Oct 2020 10:28

Instrument :

MSVOA_U

ClientSampleId :

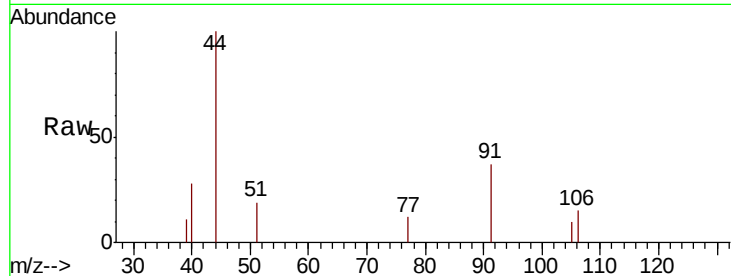
VU1023WBL01

Tot Ion:106 Resp: 102

Ion Ratio Lower Upper

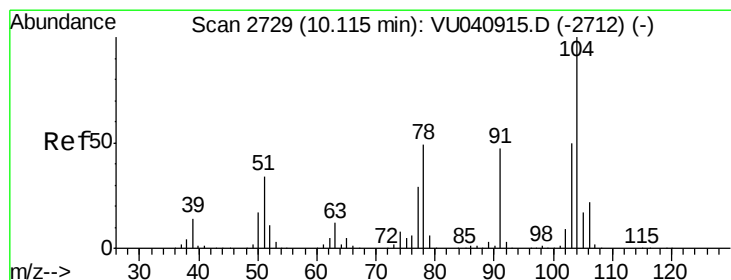
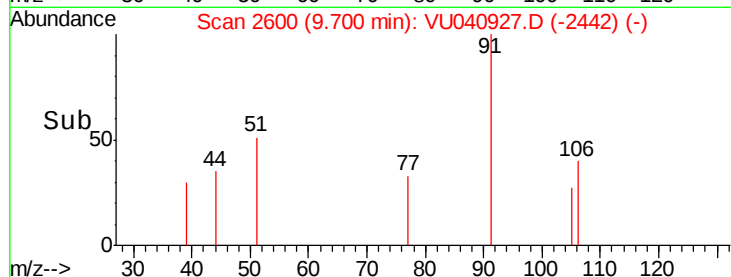
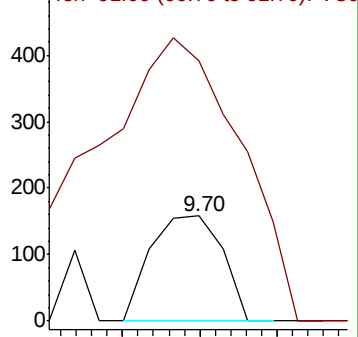
106 100

91 544.1 168.3 252.5#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU



#66

Styrene

Concen: 0.266 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. -0.01 min

Lab File: VU040927.D

Acq: 23 Oct 2020 10:28

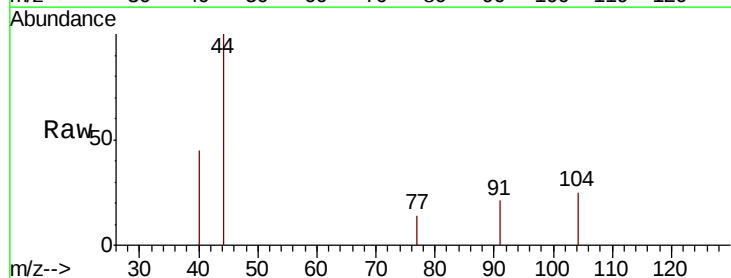
Tgt Ion:104 Resp: 205

Ion Ratio Lower Upper

104 100

78 87.3 43.4 65.0#

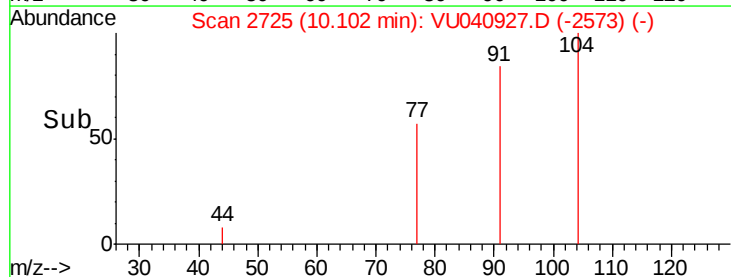
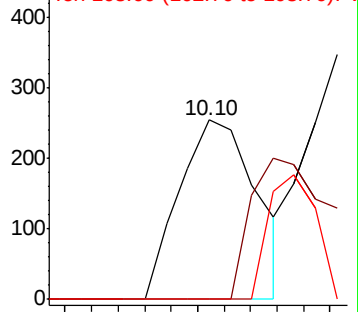
103 42.9 43.1 64.7#

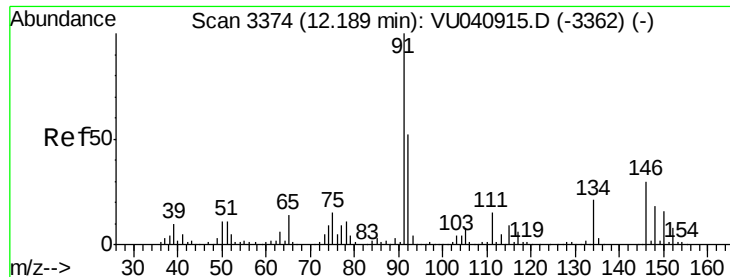


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU

Ion 103.00 (102.70 to 103.70): V

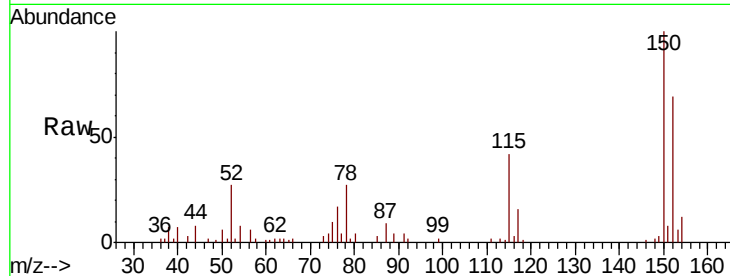




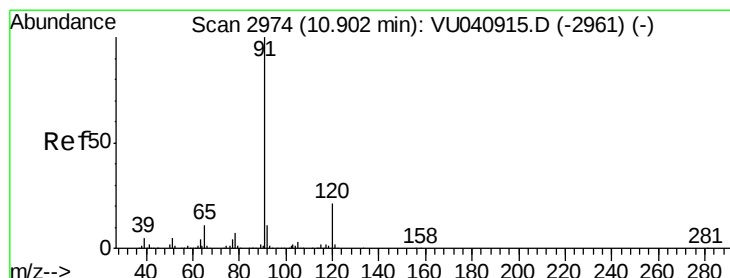
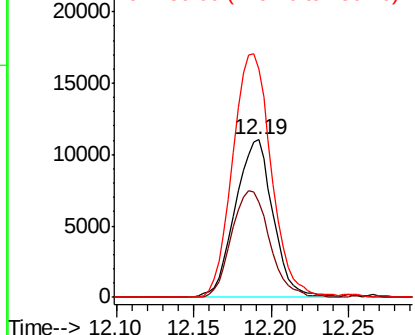
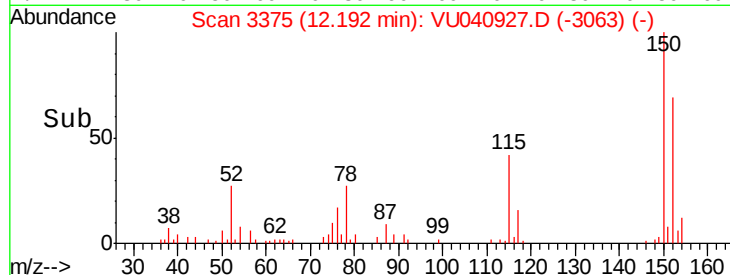
#68
 1,2-Dichlorobenzene-d4
 Concen: 0.724 ug/l
 RT: 12.19 min Scan# 3375
 Delta R.T. 0.00 min
 Lab File: VU040927.D
 Acq: 23 Oct 2020 10:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBL01

Tot Ion:152 Resp: 18772
 Ion Ratio Lower Upper
 152 100
 115 68.0 0.0 323.4
 150 157.7 0.0 653.8

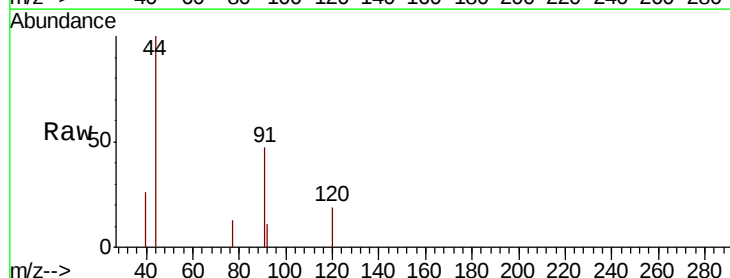


Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V

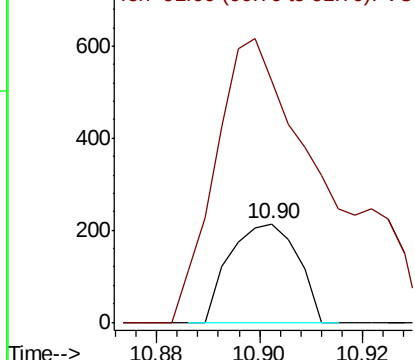
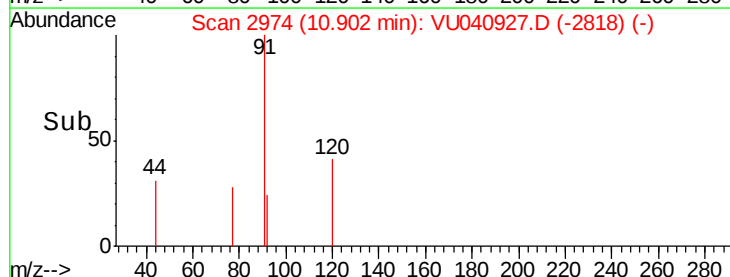


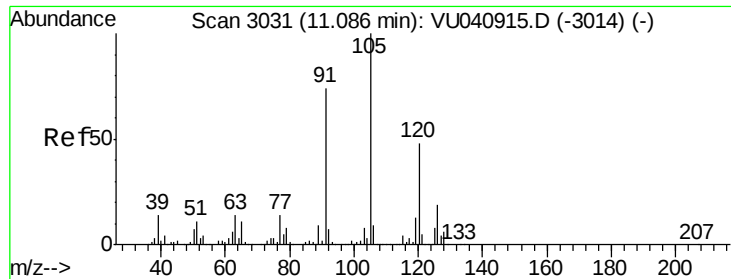
#73
 n-propylbenzene
 Concen: 0.237 ug/l
 RT: 10.90 min Scan# 2974
 Delta R.T. 0.00 min
 Lab File: VU040927.D
 Acq: 23 Oct 2020 10:28

Tgt Ion:120 Resp: 194
 Ion Ratio Lower Upper
 120 100
 91 470.1 370.8 556.2



Abundance Ion 120.00 (119.70 to 120.70): V
 Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 0.242 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040927.D

Acq: 23 Oct 2020 10:28

Instrument :

MSVOA_U

ClientSampleId :

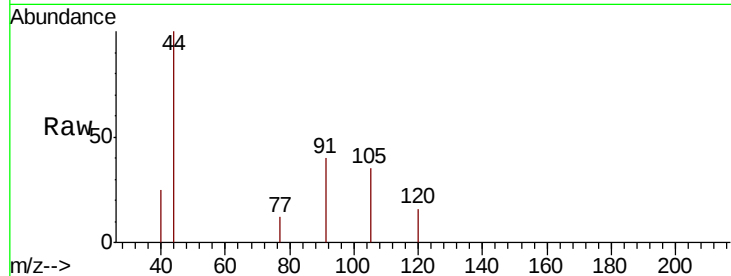
VU1023WBL01

Tot Ion:105 Resp: 509

Ion Ratio Lower Upper

105 100

120 46.2 38.7 58.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.09

400

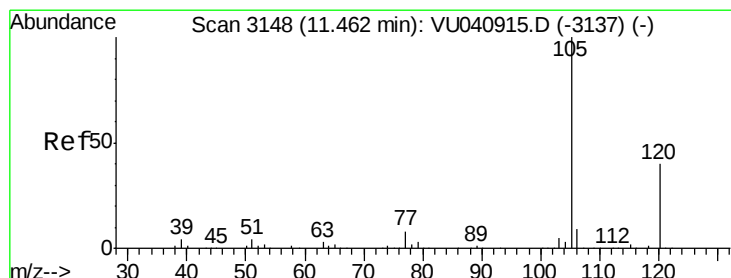
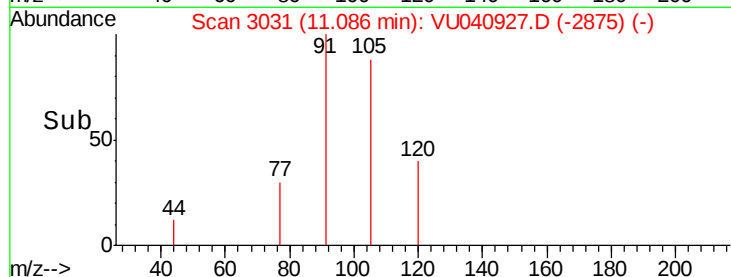
300

200

100

0

Time-->



#78

1,2,4-Trimethylbenzene

Concen: 0.252 ug/l

RT: 11.47 min Scan# 3150

Delta R.T. 0.01 min

Lab File: VU040927.D

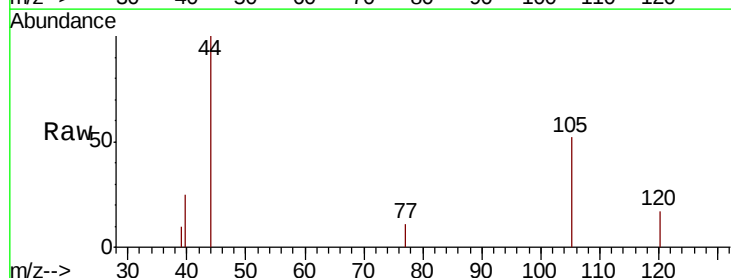
Acq: 23 Oct 2020 10:28

Tgt Ion:105 Resp: 923

Ion Ratio Lower Upper

105 100

120 30.0 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.47

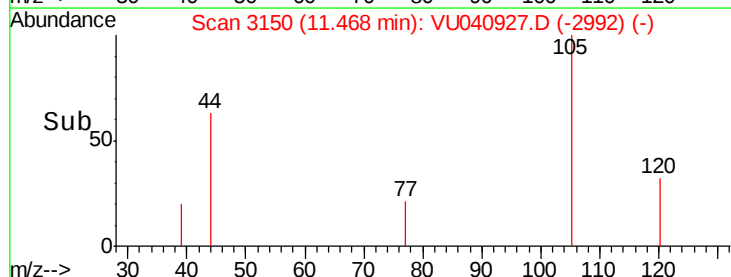
600

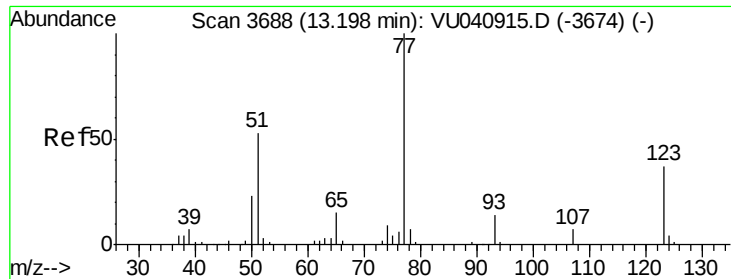
400

200

0

Time-->





#80

Nitrobenzene

Concen: 1.563 ug/l

RT: 13.20 min Scan# 3688

Delta R.T. -0.00 min

Lab File: VU040927.D

Acq: 23 Oct 2020 10:28

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBL01

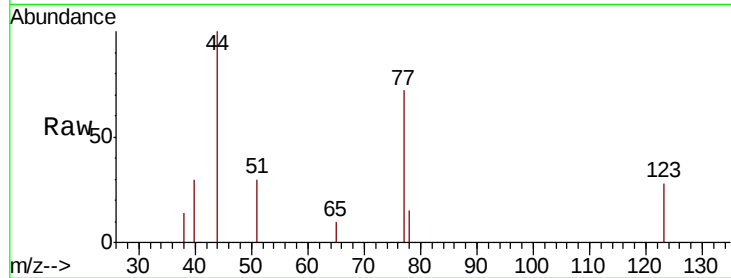
Tot Ion: 77 Resp: 1764

Ion Ratio Lower Upper

77 100

123 12.5 16.8 59.4#

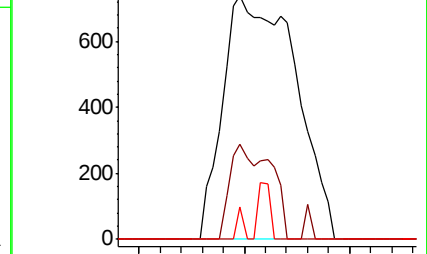
65 1.1 11.0 14.0#



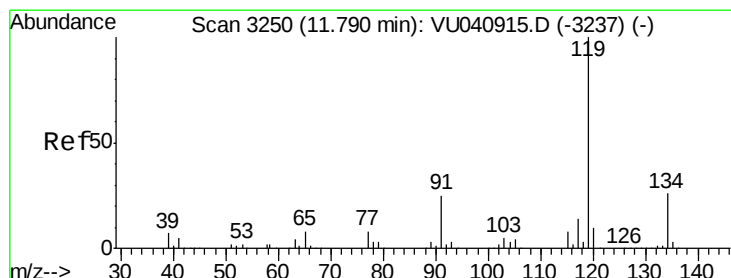
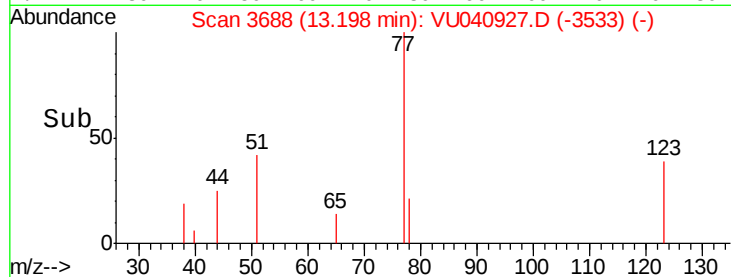
Abundance Ion 77.00 (76.70 to 77.70): VU040915.D (-3674) (-)

Ion 123.00 (122.70 to 123.70): VU040915.D (-3674) (-)

Ion 65.00 (64.70 to 65.70): VU040915.D (-3674) (-)



Time-->



#81

p-Isopropyltoluene

Concen: 0.295 ug/l

RT: 11.79 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VU040927.D

Acq: 23 Oct 2020 10:28

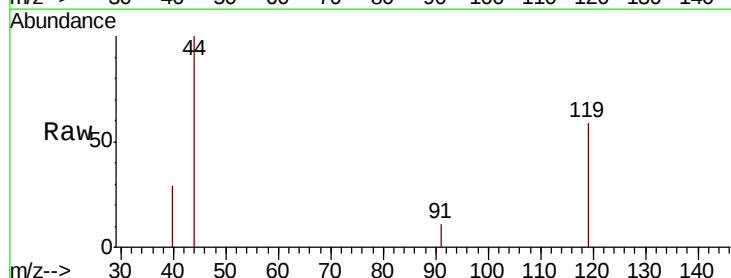
Tgt Ion: 119 Resp: 814

Ion Ratio Lower Upper

119 100

134 0.0 20.4 30.6#

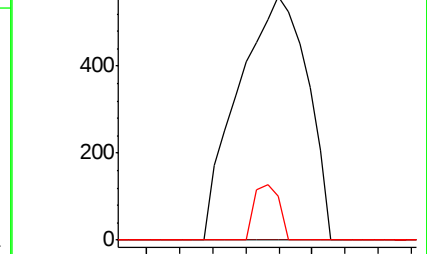
91 8.1 20.4 30.6#



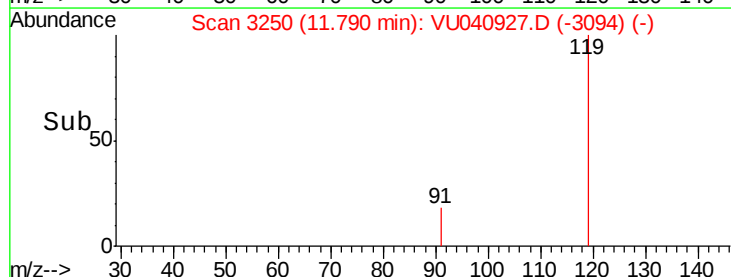
Abundance Ion 119.00 (118.70 to 119.70): VU040915.D (-3237) (-)

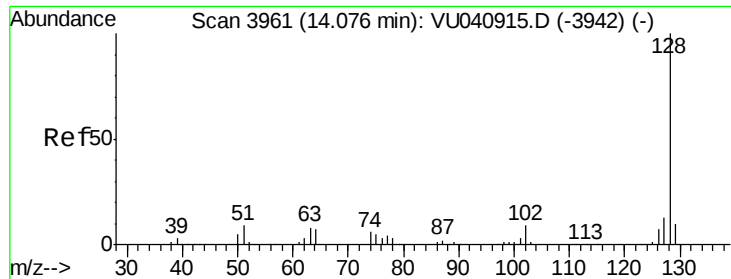
Ion 134.00 (133.70 to 134.70): VU040915.D (-3237) (-)

Ion 91.00 (90.70 to 91.70): VU040915.D (-3237) (-)



Time-->





#89

Naphthalene

Concen: 0.801 ug/l

RT: 14.09 min Scan# 3964

Delta R.T. 0.01 min

Lab File: VU040927.D

Acq: 23 Oct 2020 10:28

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBL01

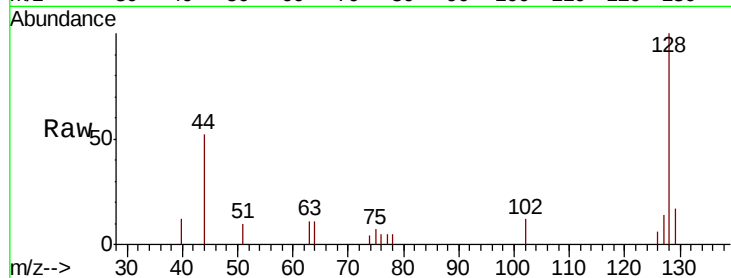
Tot Ion:128 Resp: 5694

Ion Ratio Lower Upper

128 100

127 16.0 10.7 16.1

129 13.3 8.6 13.0



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

