

Data File : VU031513.D
Acq On : 25 Apr 2019 23:24
Operator : JC/SP
Sample : VU0426WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBL01

Quant Time: Apr 26 04:54:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration

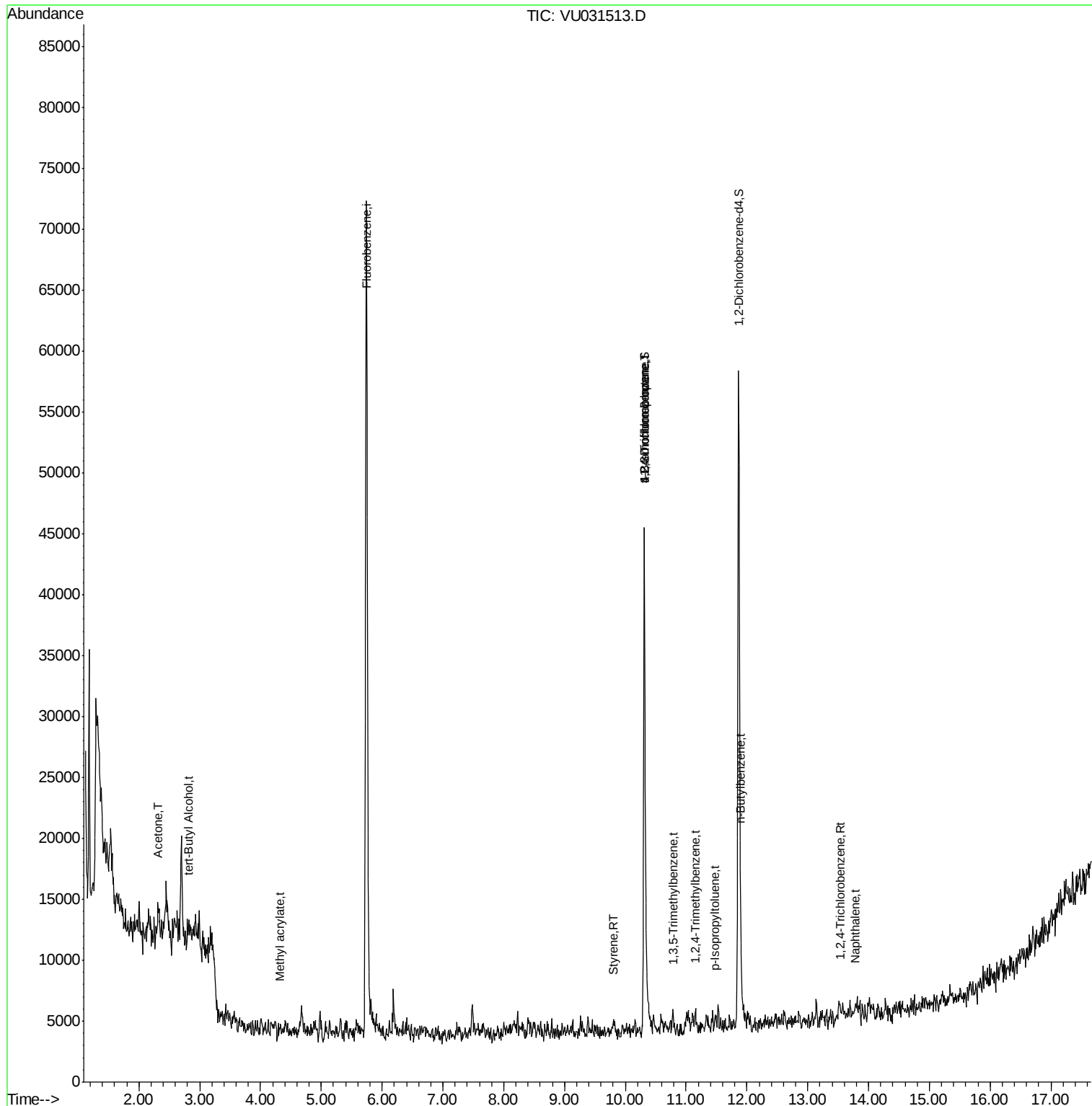
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	66219	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	17963	0.78	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	16447	0.76	ug/l	0.01
Spiked Amount 1.000			Recovery	=	76.00%	
Target Compounds						
					Qvalue	
13) Acetone	2.32	43	3826	0.731	ug/l	97
24) tert-Butyl Alcohol	2.83	59	452	0.240	ug/l	99
40) Methyl acrylate	4.32	55	45	0.358	ug/l #	52
46) t-1,4-Dichloro-2-butene	10.31	75	8571	1.965	ug/l #	17
66) Styrene	9.80	104	120	0.308	ug/l #	34
71) 1,2,3-Trichloropropane	10.31	75	8571	0.590	ug/l #	47
75) 1,3,5-Trimethylbenzene	10.78	105	493	0.232	ug/l #	66
78) 1,2,4-Trimethylbenzene	11.15	105	529	0.236	ug/l	69
81) p-Isopropyltoluene	11.48	119	971	0.286	ug/l #	80
84) n-Butylbenzene	11.90	91	1516	0.374	ug/l #	76
87) 1,2,4-Trichlorobenzene	13.53	180	155	0.391	ug/l #	69
89) Naphthalene	13.77	128	655	0.642	ug/l #	69
-----	-----	-----	-----	-----	-----	-----

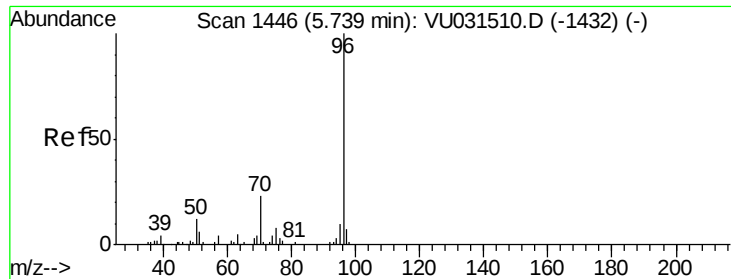
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031513.D
Acq On : 25 Apr 2019 23:24
Operator : JC/SP
Sample : VU0426WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBL01

Quant Time: Apr 26 04:54:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1447

Delta R.T. 0.00 min

Lab File: VU031513.D

Acq: 25 Apr 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBL01

Tgt Ion: 96 Resp: 66219

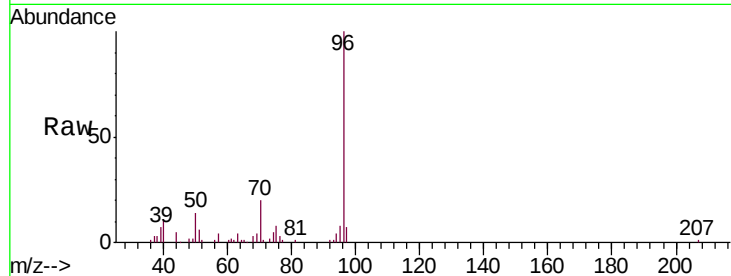
Ion Ratio Lower Upper

96 100

70 20.5 18.2 27.2

95 9.0 7.7 11.5

97 6.5 0.0 0.0#

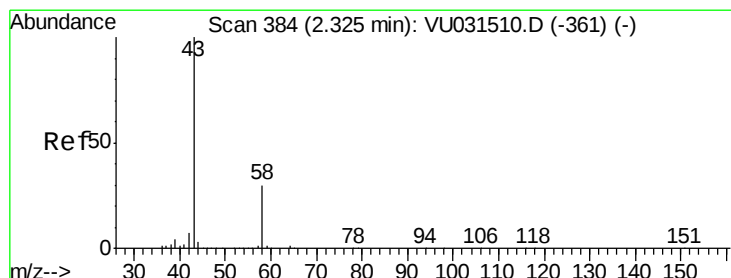
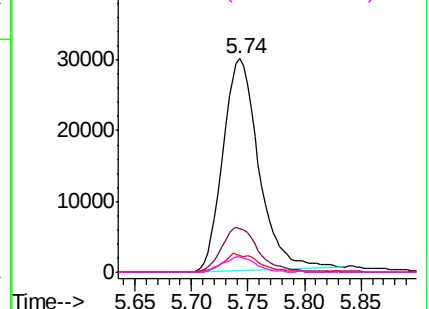
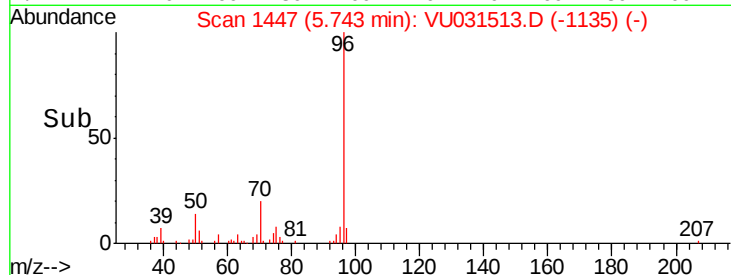


Abundance Ion 96.00 (95.70 to 96.70): VU0

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



#13

Acetone

Concen: 0.731 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU031513.D

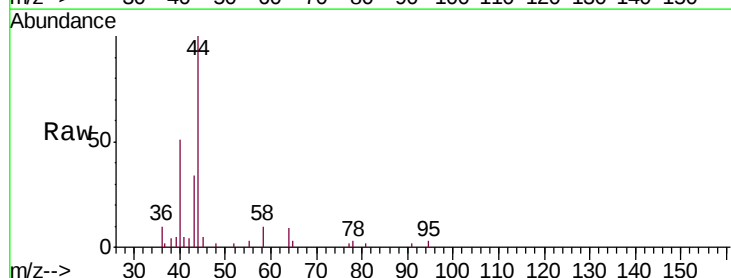
Acq: 25 Apr 2019 23:24

Tgt Ion: 43 Resp: 3826

Ion Ratio Lower Upper

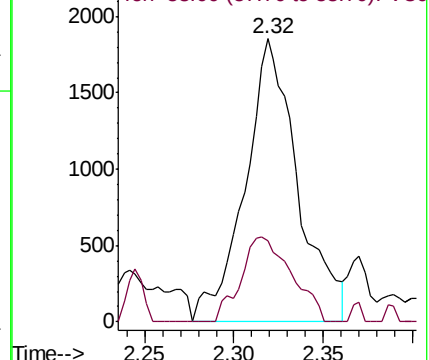
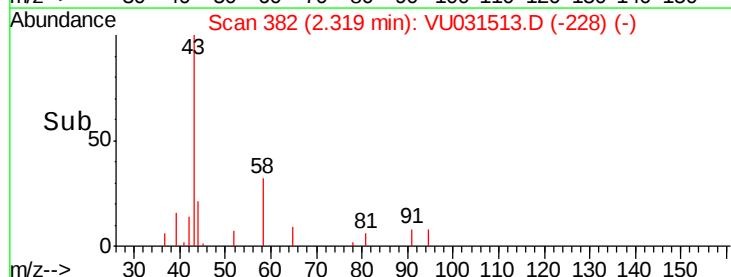
43 100

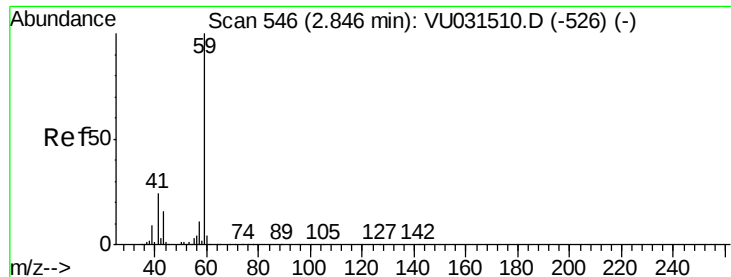
58 28.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#24

tert-Butyl Alcohol

Concen: 0.240 ug/l

RT: 2.83 min Scan# 540

Delta R.T. -0.02 min

Lab File: VU031513.D

Acq: 25 Apr 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

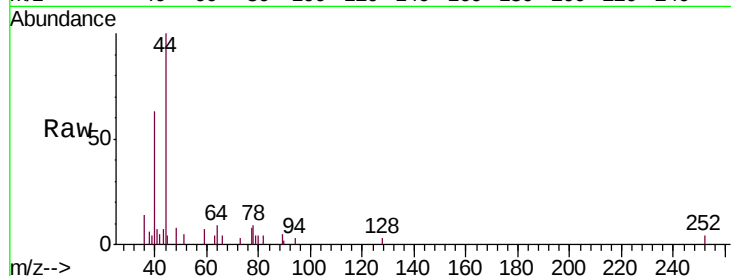
VU0426WBL01

Tgt Ion: 59 Resp: 452

Ion Ratio Lower Upper

59 100

57 10.0 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.83

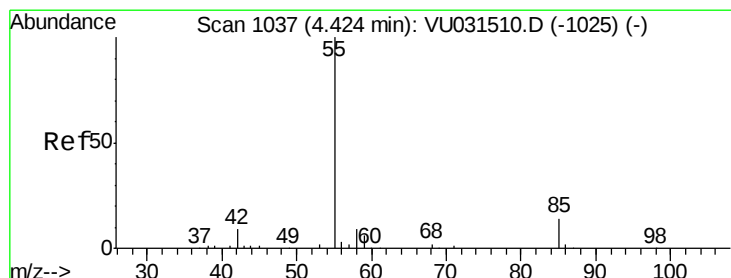
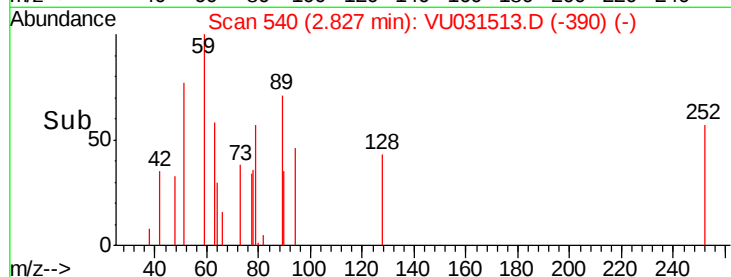
300

200

100

0

Time--> 2.78 2.80 2.82 2.84 2.86



#40

Methyl acrylate

Concen: 0.358 ug/l

RT: 4.32 min Scan# 1003

Delta R.T. -0.11 min

Lab File: VU031513.D

Acq: 25 Apr 2019 23:24

Tgt Ion: 55 Resp: 45

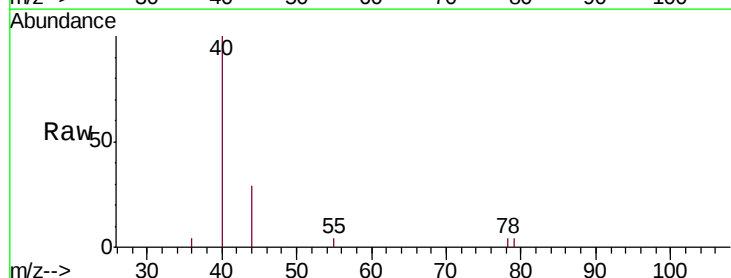
Ion Ratio Lower Upper

55 100

85 0.0 11.5 17.3#

58 0.0 6.5 9.7#

42 42.2 7.4 11.2#



Abundance Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0

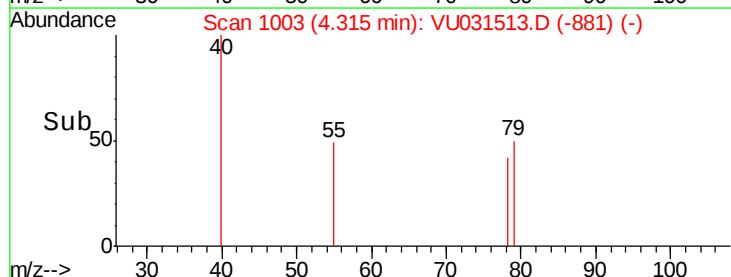
150

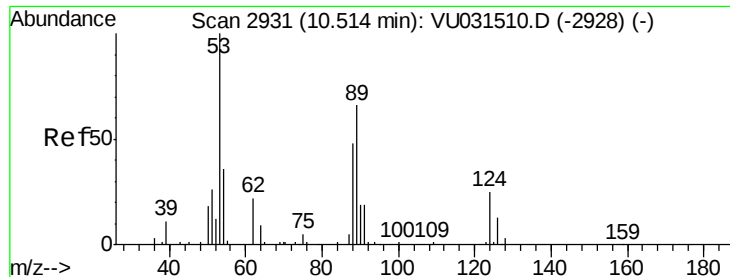
100

50

0

Time--> 4.31 4.32 4.33





#46

t-1,4-Dichloro-2-butene

Concen: 1.965 ug/l

RT: 10.31 min Scan# 2868

Delta R.T. -0.20 min

Lab File: VU031513.D

Acq: 25 Apr 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBL01

Tgt Ion: 75 Resp: 8571

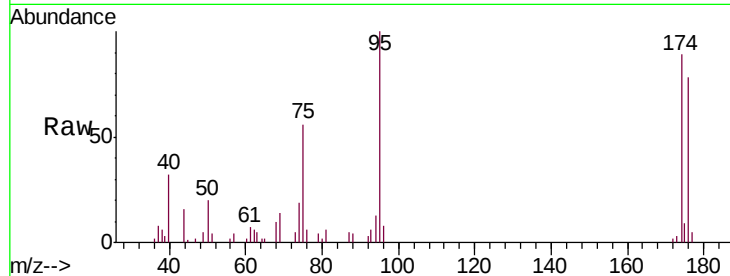
Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.7 38.6 57.8#

88 5.5 0.0 0.0#

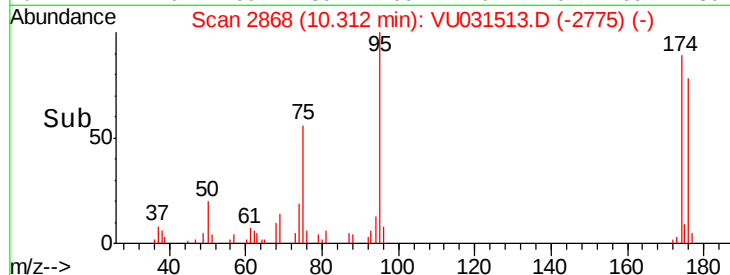


Abundance Ion 74.90 (74.60 to 75.60): VU0

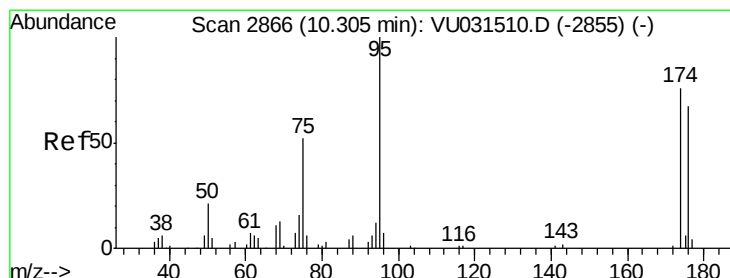
Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0



Time-->



#57

4-Bromofluorobenzene

Concen: Below ug/l

RT: 10.31 min Scan# 2868

Delta R.T. 0.01 min

Lab File: VU031513.D

Acq: 25 Apr 2019 23:24

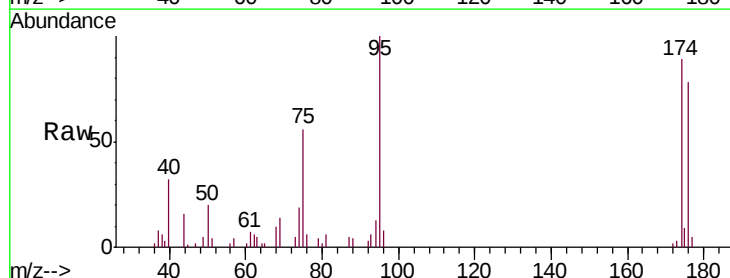
Tgt Ion: 95 Resp: 17963

Ion Ratio Lower Upper

95 100

174 78.1 57.9 86.9

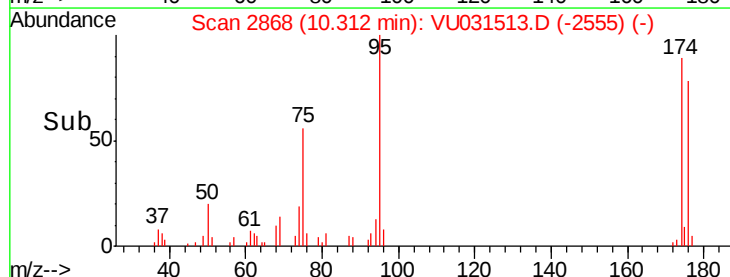
176 63.5 54.0 81.0



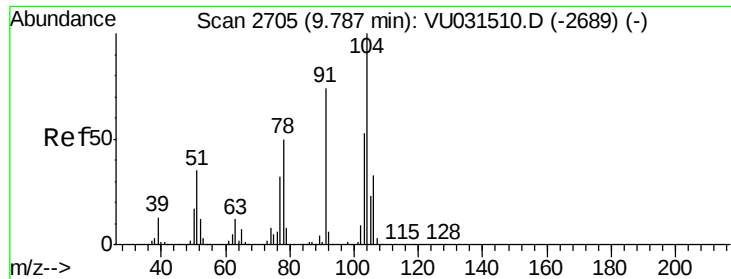
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



Time-->



#66

Styrene

Concen: 0.308 ug/l

RT: 9.80 min Scan# 2710

Delta R.T. 0.02 min

Lab File: VU031513.D

Acq: 25 Apr 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBL01

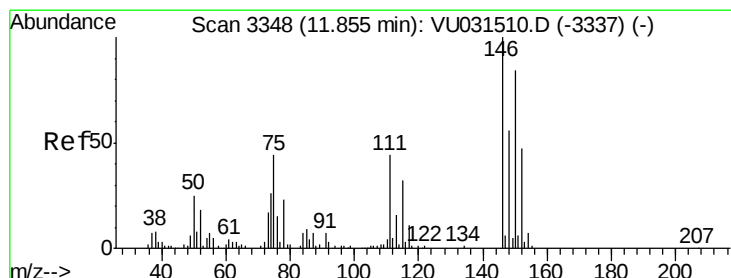
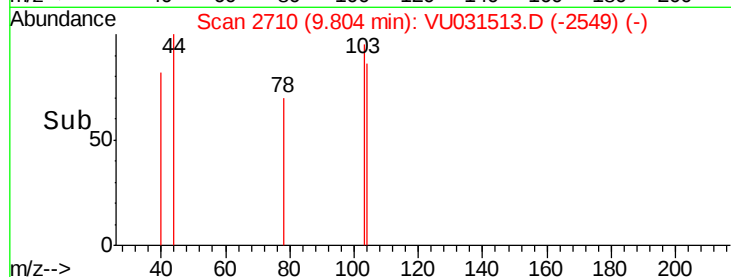
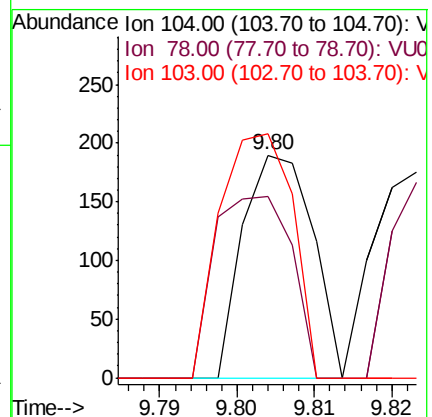
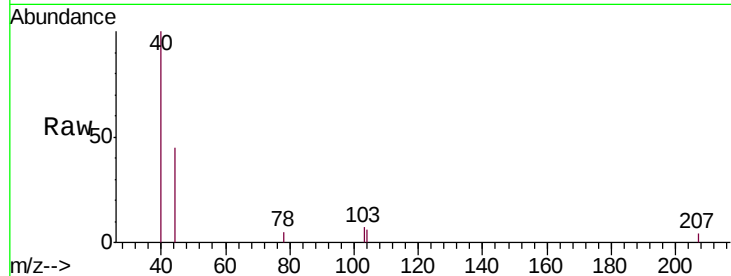
Tgt Ion:104 Resp: 120

Ion Ratio Lower Upper

104 100

78 89.2 42.5 63.7#

103 114.2 44.5 66.7#



#68

1,2-Dichlorobenzene-d4

Concen: N.D. ug/l

RT: 11.86 min Scan# 3351

Delta R.T. 0.01 min

Lab File: VU031513.D

Acq: 25 Apr 2019 23:24

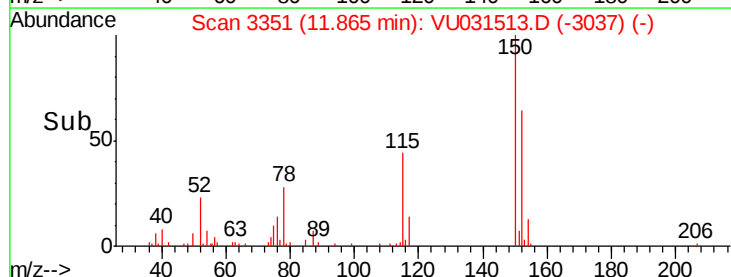
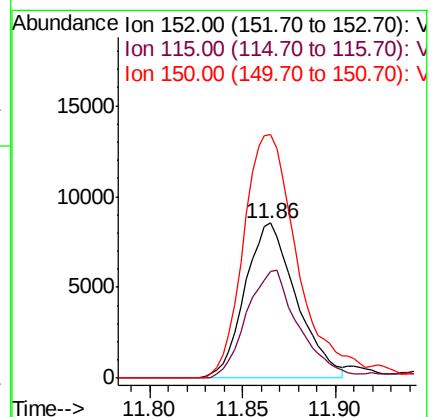
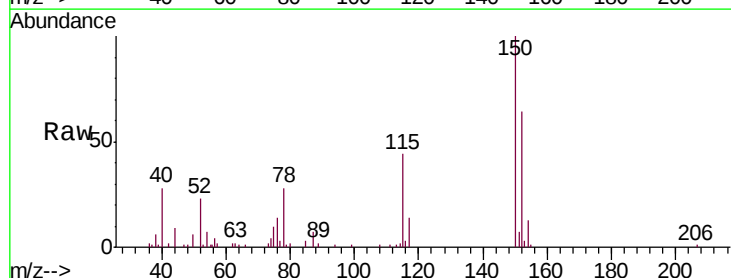
Tgt Ion:152 Resp: 16447

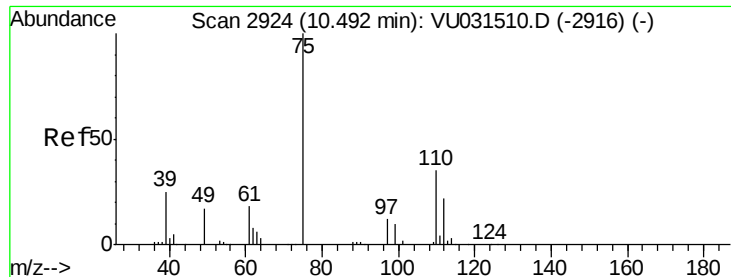
Ion Ratio Lower Upper

152 100

115 70.1 0.0 123.2

150 166.0 0.0 658.2

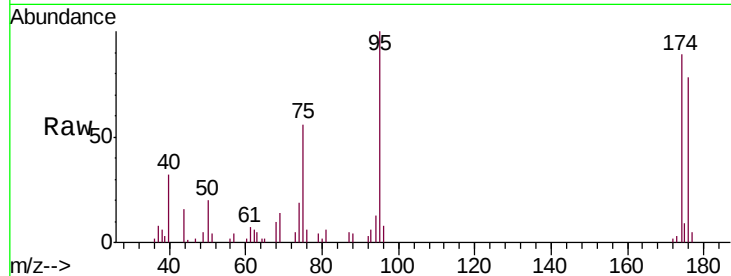




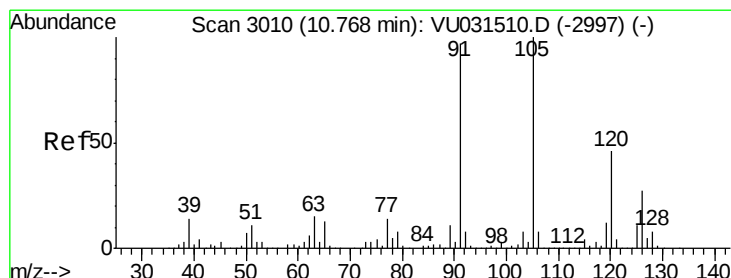
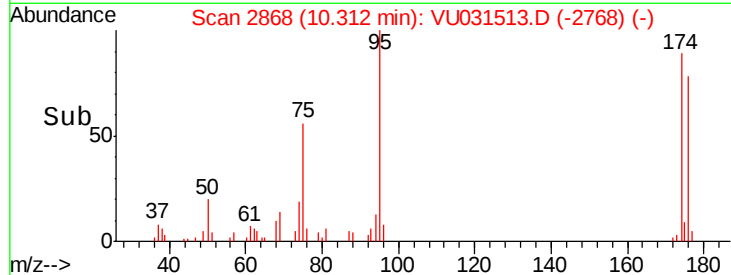
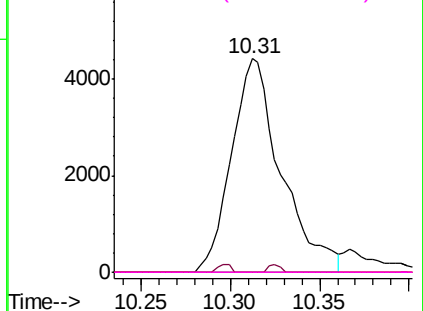
#71
 1,2,3-Trichloropropane
 Concen: 0.590 ug/l
 RT: 10.31 min Scan# 2868
 Delta R.T. -0.18 min
 Lab File: VU031513.D
 Acq: 25 Apr 2019 23:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBL01

Tgt Ion: 75 Resp: 8571
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#
 110 0.0 0.0 68.2
 97 0.0 0.0 36.6

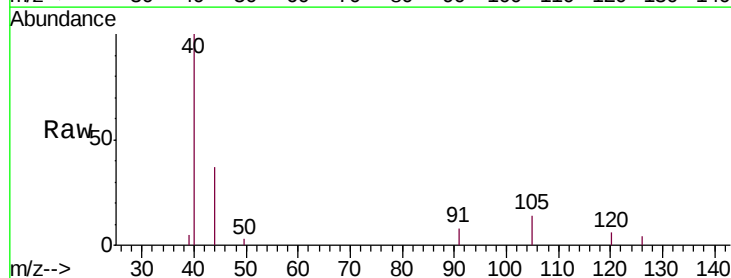


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

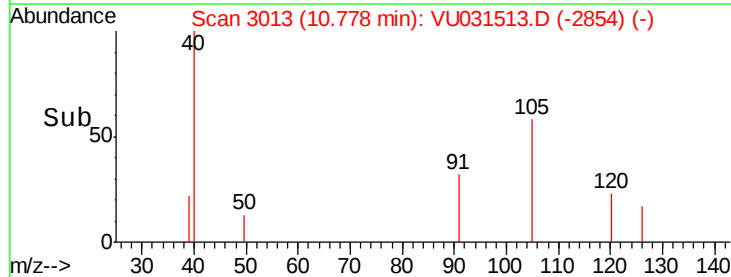
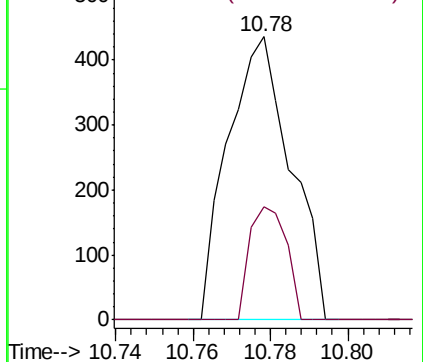


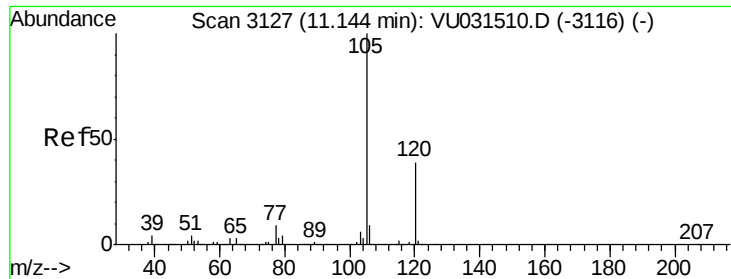
#75
 1,3,5-Trimethylbenzene
 Concen: 0.232 ug/l
 RT: 10.78 min Scan# 3013
 Delta R.T. 0.01 min
 Lab File: VU031513.D
 Acq: 25 Apr 2019 23:24

Tgt Ion: 105 Resp: 493
 Ion Ratio Lower Upper
 105 100
 120 23.3 36.8 55.2#



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#78

1,2,4-Trimethylbenzene

Concen: 0.236 ug/l

RT: 11.15 min Scan# 3130

Delta R.T. 0.01 min

Lab File: VU031513.D

Acq: 25 Apr 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

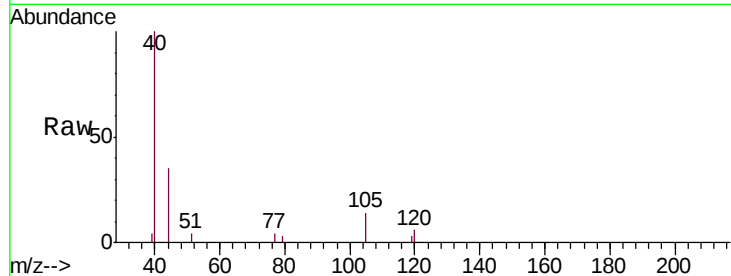
VU0426WBL01

Tgt Ion:105 Resp: 529

Ion Ratio Lower Upper

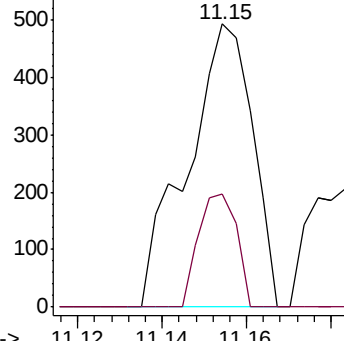
105 100

120 23.4 21.6 65.0

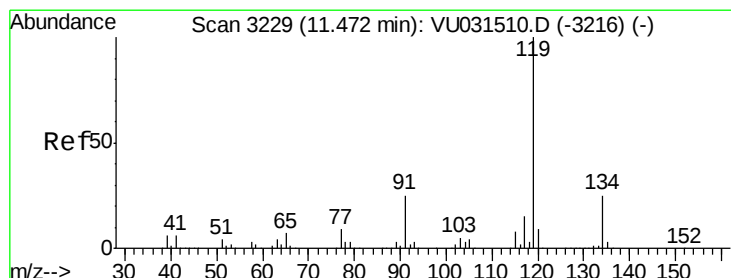
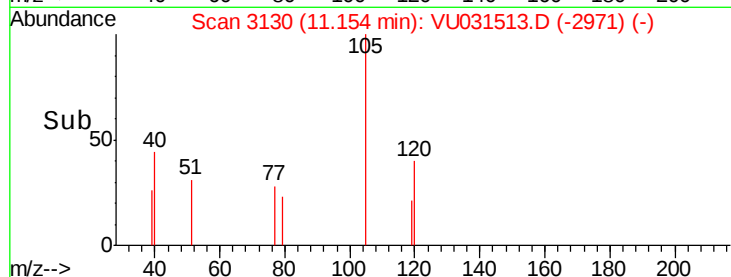


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#81

p-Isopropyltoluene

Concen: 0.286 ug/l

RT: 11.48 min Scan# 3232

Delta R.T. 0.01 min

Lab File: VU031513.D

Acq: 25 Apr 2019 23:24

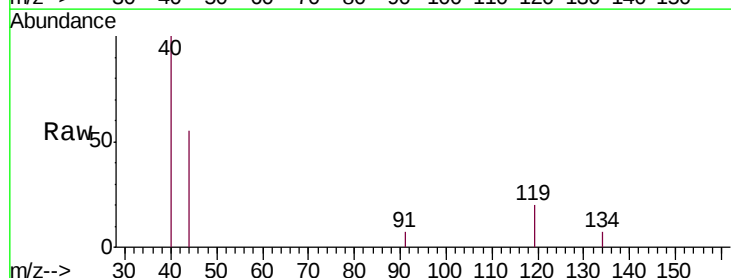
Tgt Ion:119 Resp: 971

Ion Ratio Lower Upper

119 100

134 16.5 20.3 30.5#

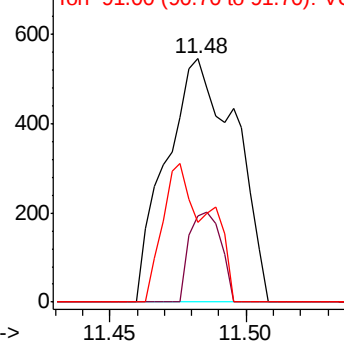
91 37.0 20.3 30.5#



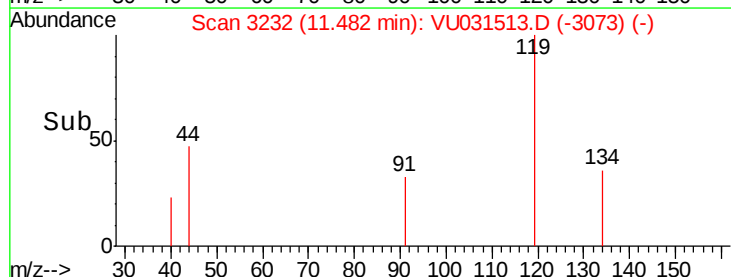
Abundance Ion 119.00 (118.70 to 119.70): V

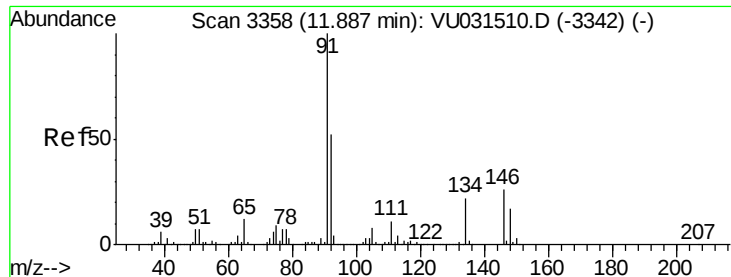
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->





#84

n-Butylbenzene

Concen: 0.374 ug/l

RT: 11.90 min Scan# 3362

Delta R.T. 0.01 min

Lab File: VU031513.D

Acq: 25 Apr 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBL01

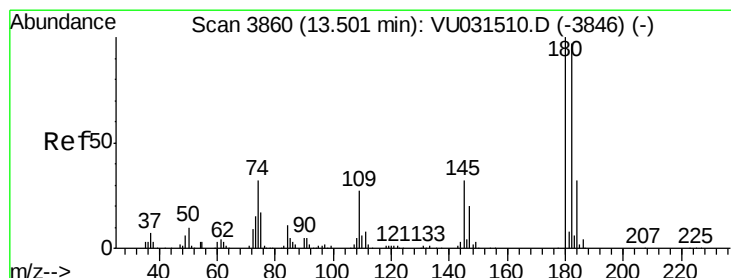
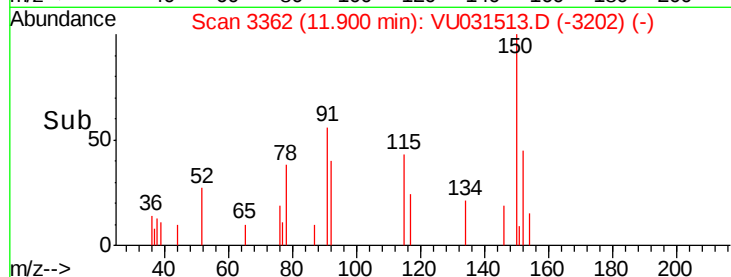
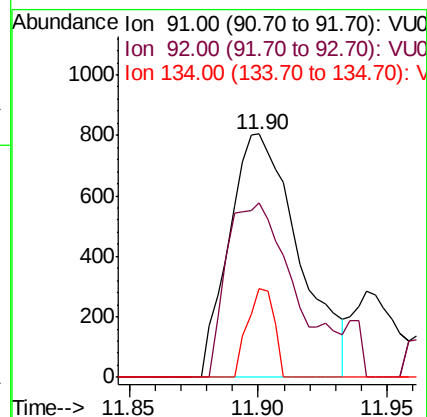
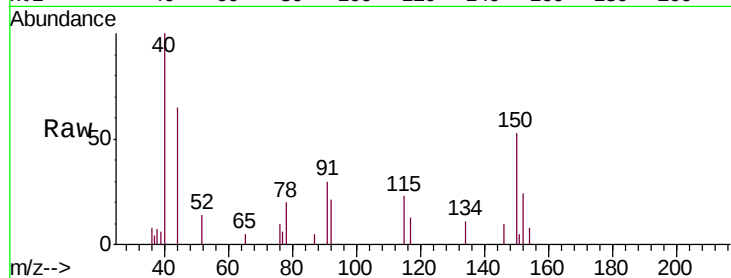
Tgt Ion: 91 Resp: 1516

Ion Ratio Lower Upper

91 100

92 70.6 41.2 61.8#

134 14.1 18.1 27.1#



#87

1,2,4-Trichlorobenzene

Concen: 0.391 ug/l

RT: 13.53 min Scan# 3869

Delta R.T. 0.03 min

Lab File: VU031513.D

Acq: 25 Apr 2019 23:24

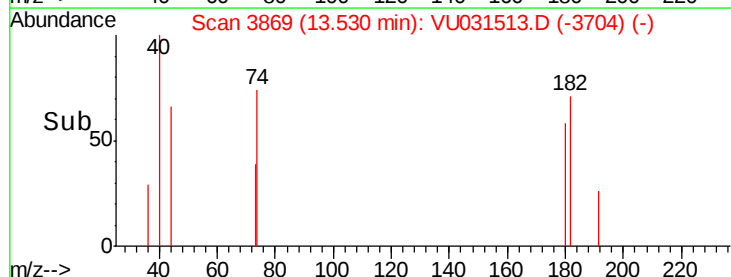
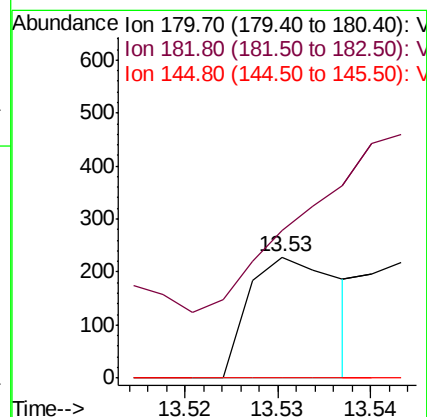
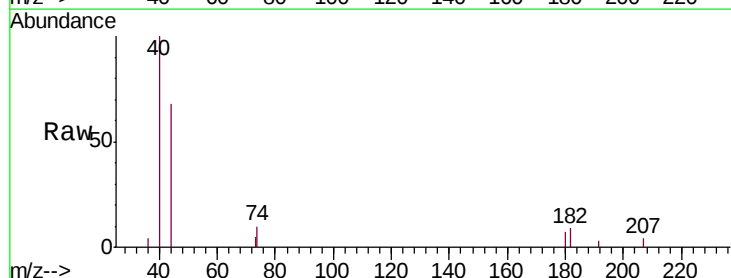
Tgt Ion: 180 Resp: 155

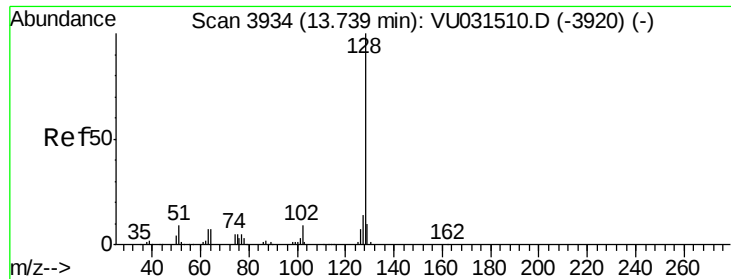
Ion Ratio Lower Upper

180 100

182 71.6 75.5 113.3#

145 0.0 23.9 35.9#





#89

Naphthalene

Concen: 0.642 ug/l

RT: 13.77 min Scan# 3944

Delta R.T. 0.03 min

Lab File: VU031513.D

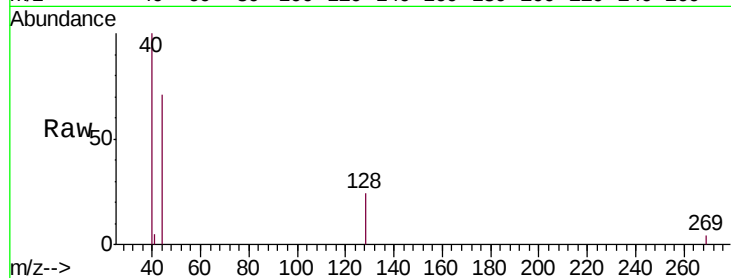
Acq: 25 Apr 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBL01



Tgt Ion:128 Resp: 655

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.2 12.2#

