

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024874.D
 Acq On : 25 Jun 2018 14:55
 Operator : MD/SY
 Sample : J3662-04DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW345-180618DL

Quant Time: Jun 26 08:46:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

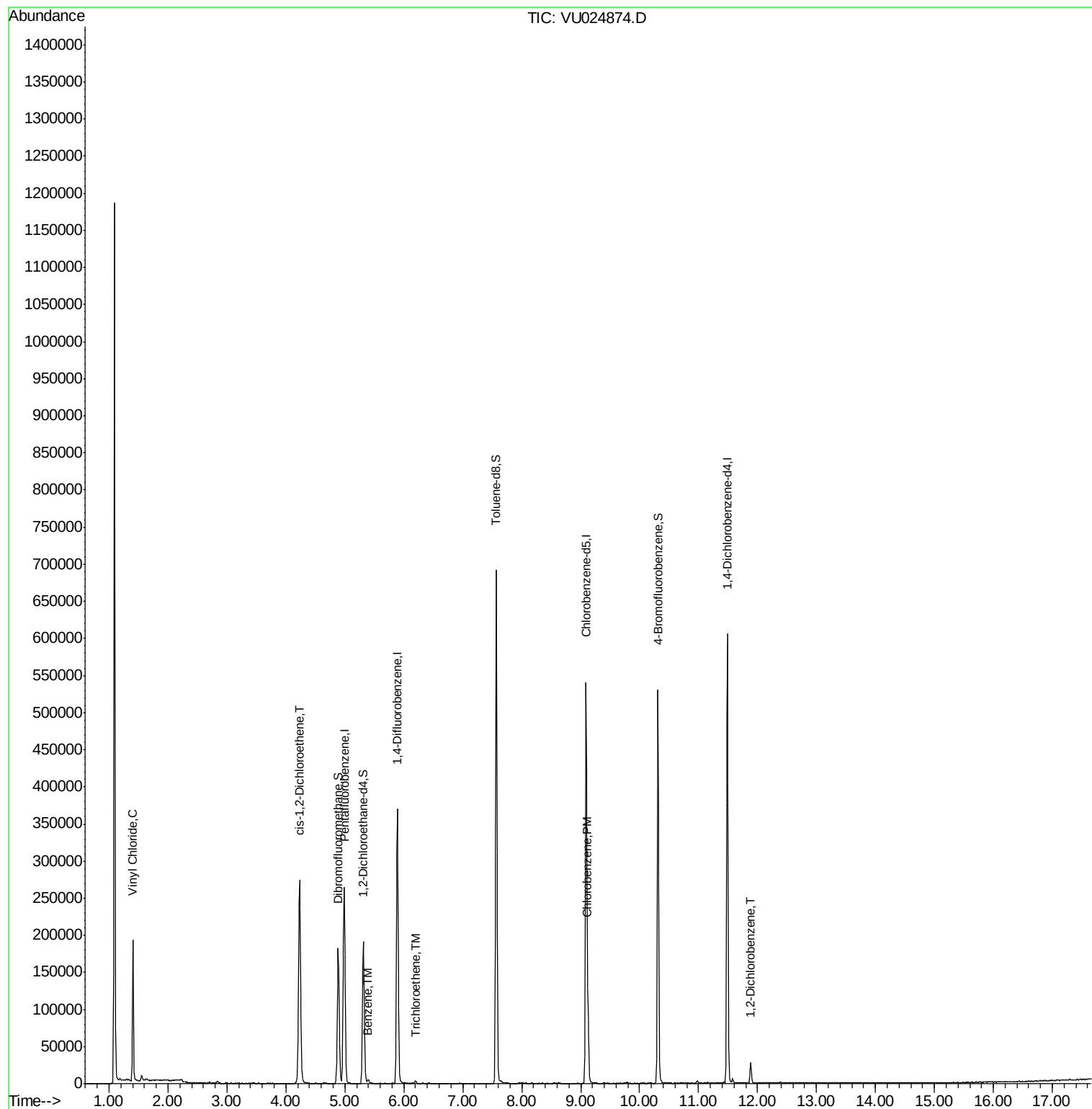
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	206825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	313386	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	290731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	153644	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
35) Dibromofluoromethane	4.89	113	122699	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
50) Toluene-d8	7.57	98	455853	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	10.31	95	167789	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
Target Compounds						
4) Vinyl Chloride	1.40	62	116913	42.86	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	152510	51.14	ug/l	88
40) Benzene	5.40	78	4003	0.38	ug/l #	87
44) Trichloroethene	6.19	130	1182	0.40	ug/l	93
65) Chlorobenzene	9.12	112	53292	7.18	ug/l	100
91) 1,2-Dichlorobenzene	11.89	146	11443	2.02	ug/l	99

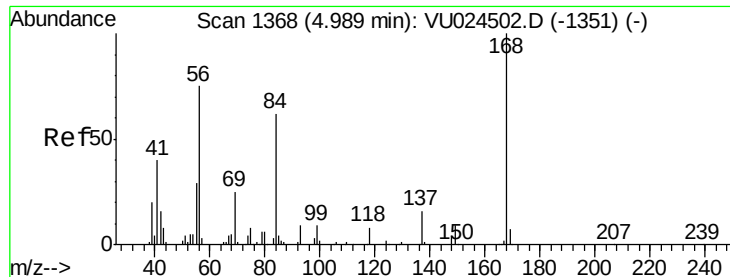
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024874.D

Acq: 25 Jun 2018 14:55

Instrument :

MSVOA_U

ClientSampleId :

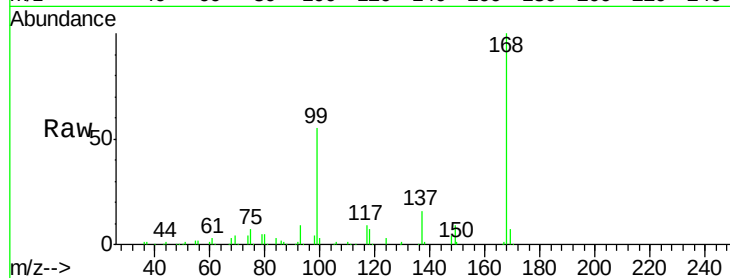
WP021MW345-180618DL

Tot Ion:168 Resp: 206825

Ion Ratio Lower Upper

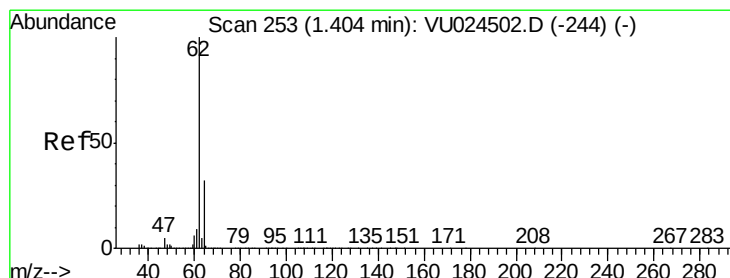
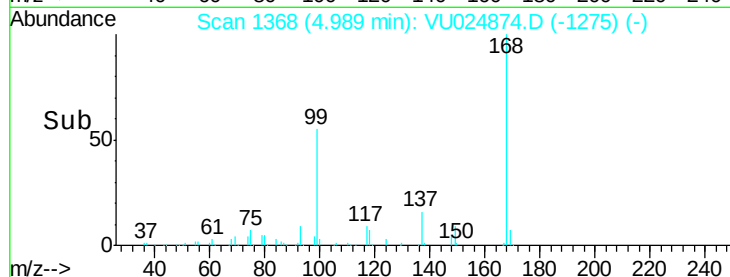
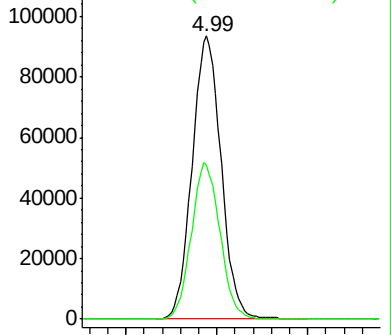
168 100

99 54.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#4

Vinyl Chloride

Concen: 42.86 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024874.D

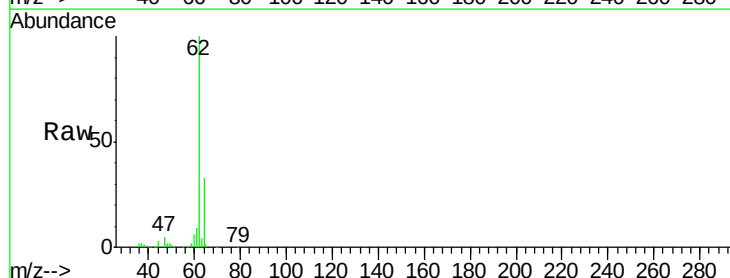
Acq: 25 Jun 2018 14:55

Tgt Ion: 62 Resp: 116913

Ion Ratio Lower Upper

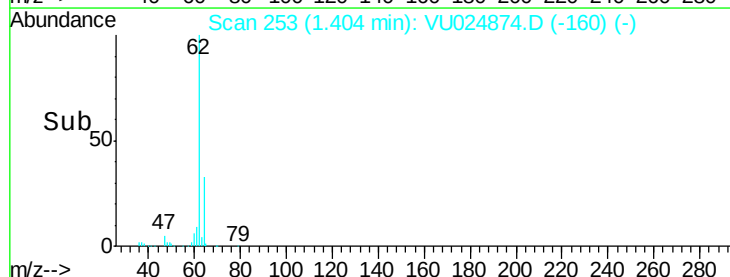
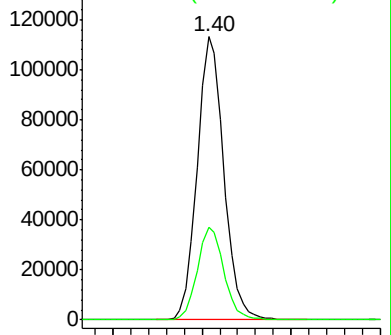
62 100

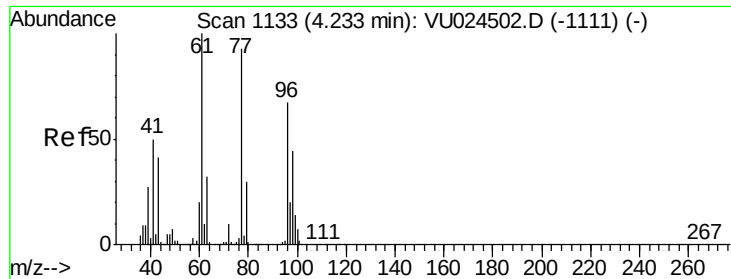
64 32.9 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

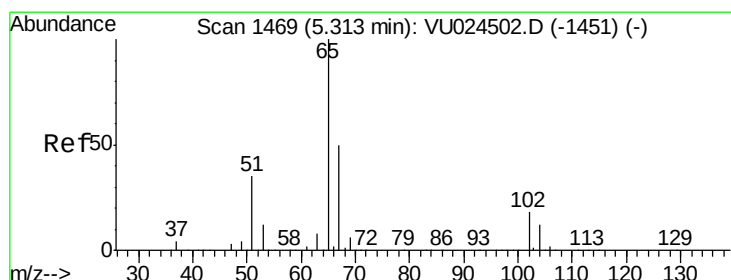
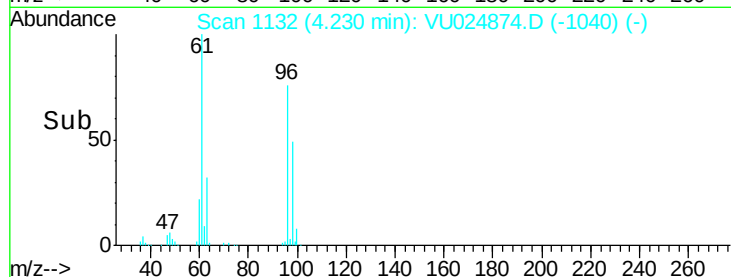
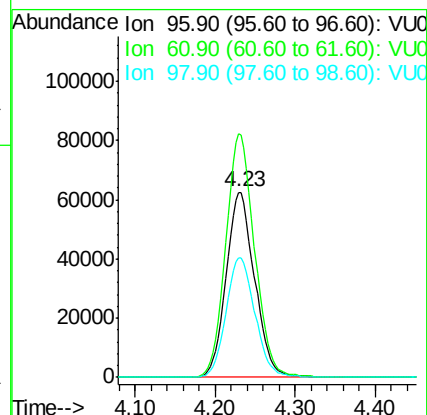
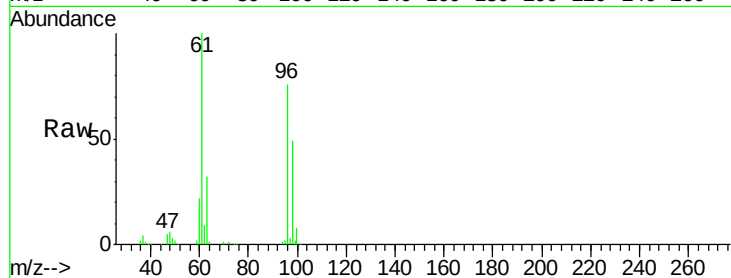




#27
 cis-1,2-Dichloroethene
 Concen: 51.14 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024874.D
 Acq: 25 Jun 2018 14:55

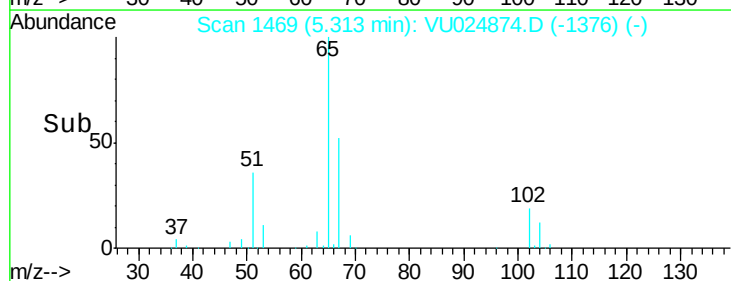
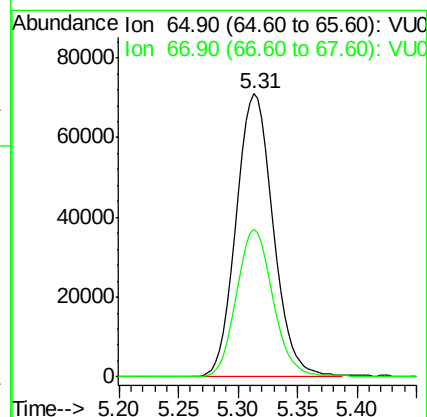
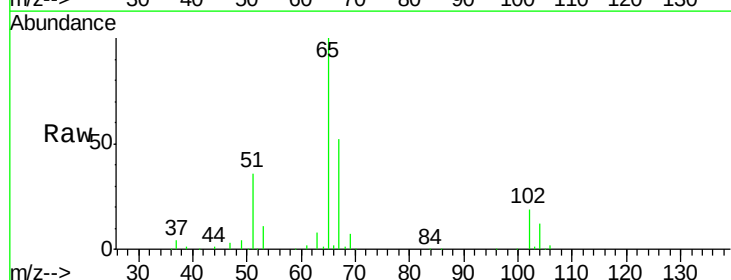
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW345-180618DL

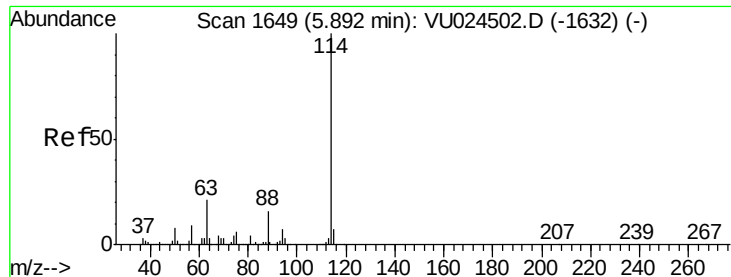
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	306.6
98	65.3	0.0	128.8



#33
 1,2-Dichloroethane-d4
 Concen: 45.50 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024874.D
 Acq: 25 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU024874.D

Acq: 25 Jun 2018 14:55

Instrument :

MSVOA_U

ClientSampleId :

WP021MW345-180618DL

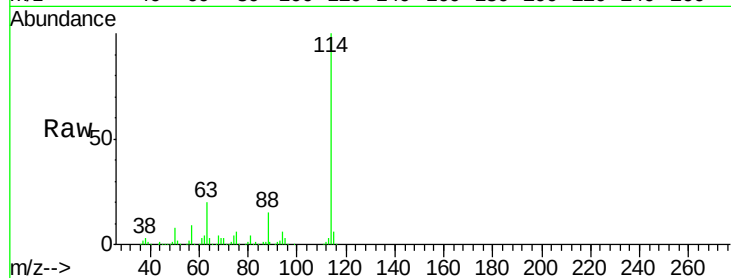
Tot Ion:114 Resp: 313386

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.4

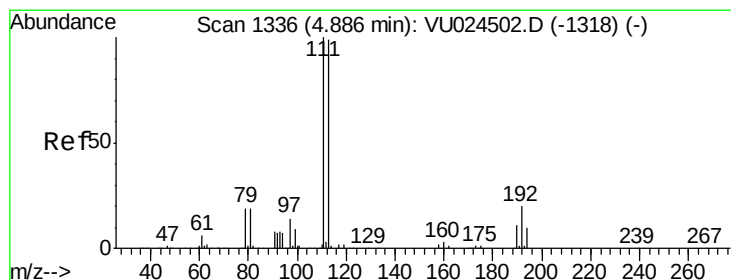
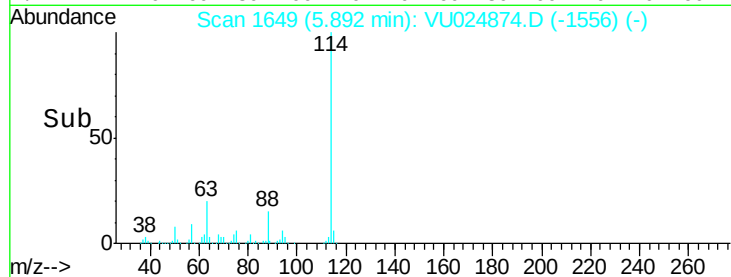
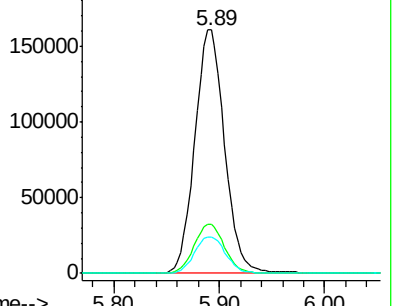
88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 47.18 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024874.D

Acq: 25 Jun 2018 14:55

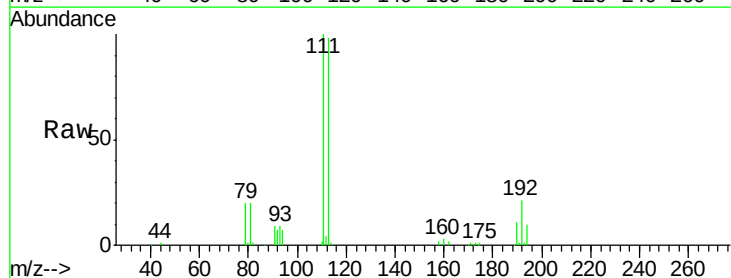
Tgt Ion:113 Resp: 122699

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

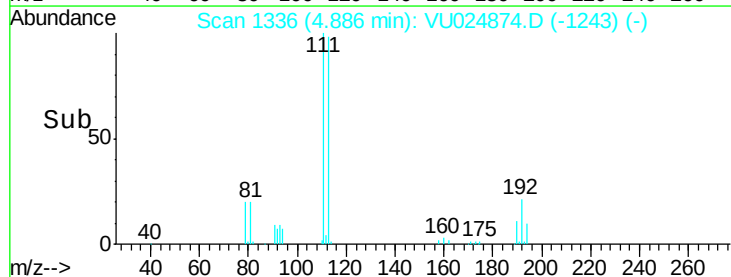
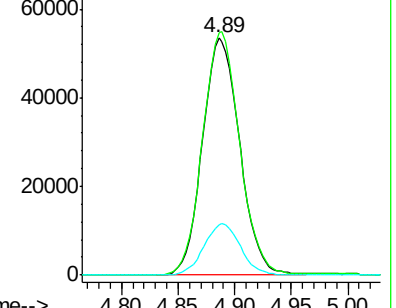
192 21.3 16.2 24.4

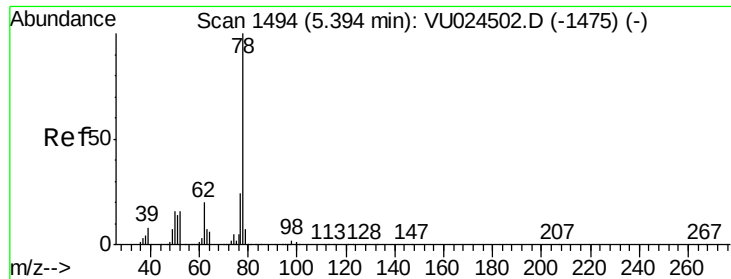


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.38 ug/l

RT: 5.40 min Scan# 1497

Delta R.T. 0.01 min

Lab File: VU024874.D

Acq: 25 Jun 2018 14:55

Instrument :

MSVOA_U

ClientSampleId :

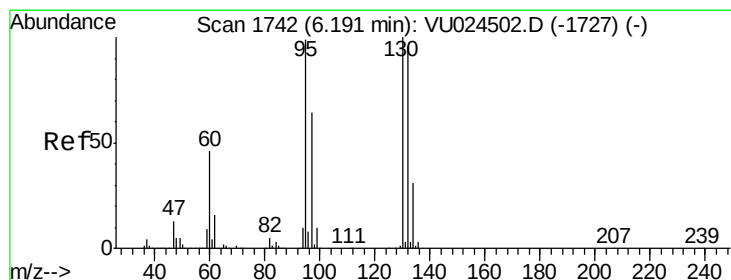
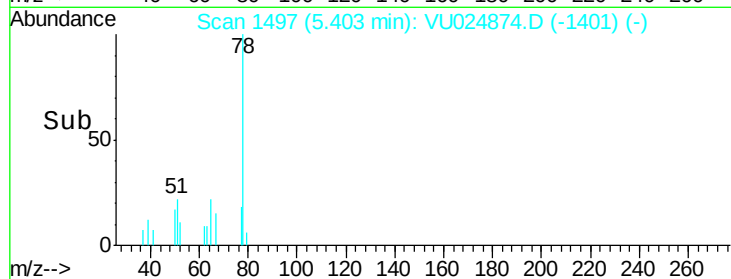
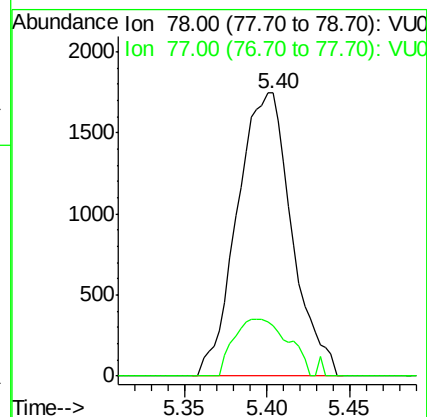
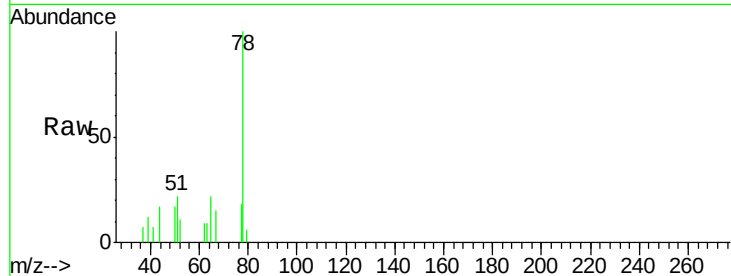
WP021MW345-180618DL

Tot Ion: 78 Resp: 4003

Ion Ratio Lower Upper

78 100

77 17.7 19.2 28.8#



#44

Trichloroethene

Concen: 0.40 ug/l

RT: 6.19 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VU024874.D

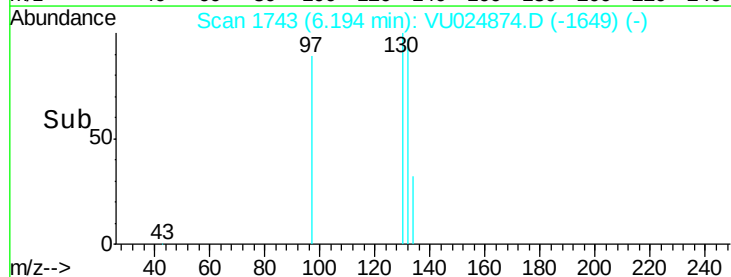
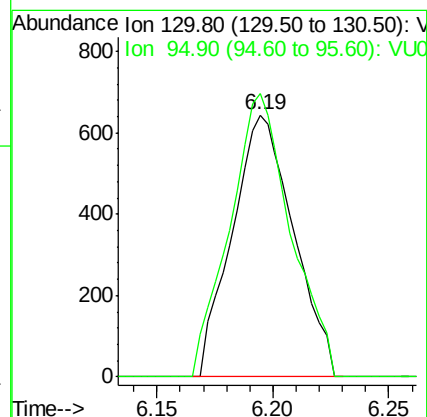
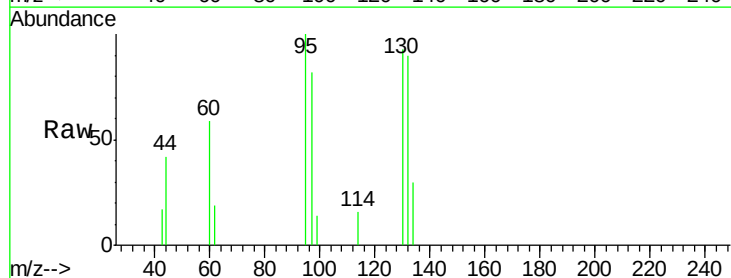
Acq: 25 Jun 2018 14:55

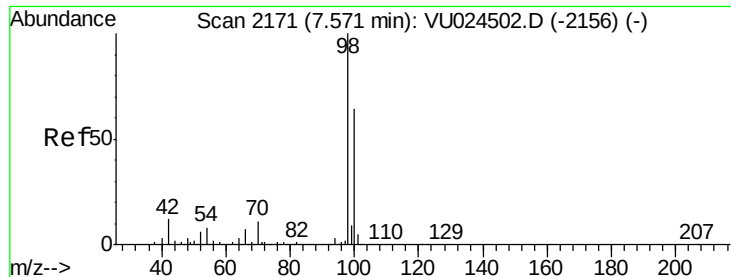
Tgt Ion: 130 Resp: 1182

Ion Ratio Lower Upper

130 100

95 108.1 0.0 202.4





#50

Toluene-d8

Concen: 48.05 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024874.D

Acq: 25 Jun 2018 14:55

Instrument :

MSVOA_U

ClientSampleId :

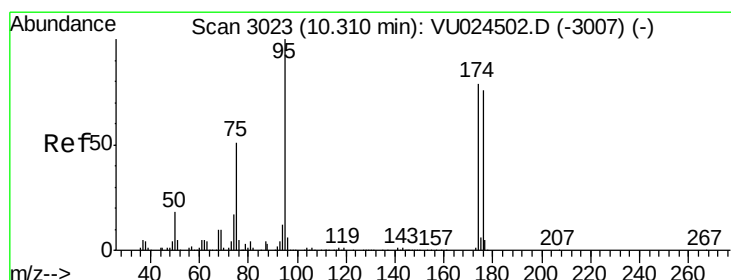
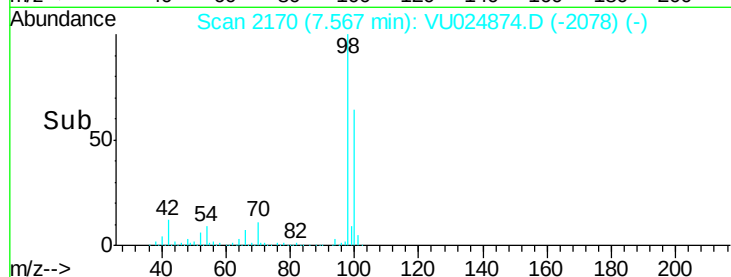
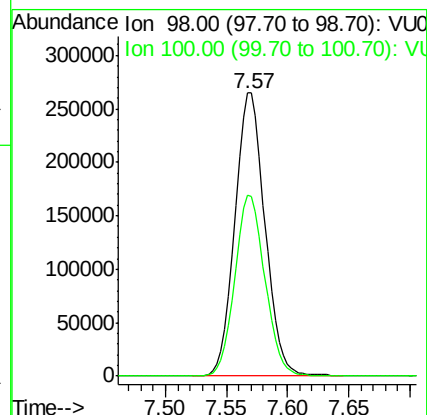
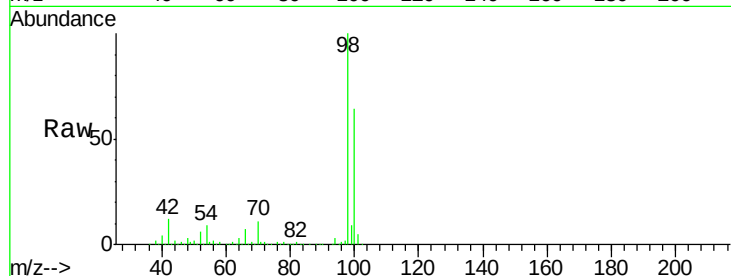
WP021MW345-180618DL

Tot Ion: 98 Resp: 455853

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.55 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024874.D

Acq: 25 Jun 2018 14:55

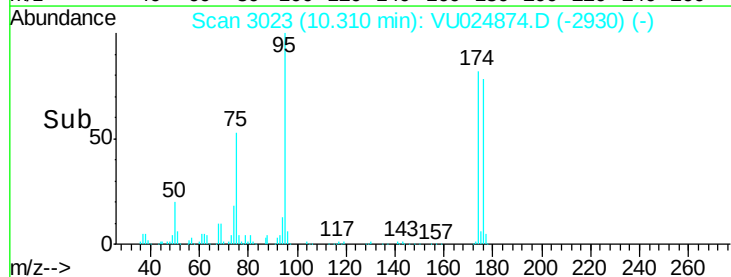
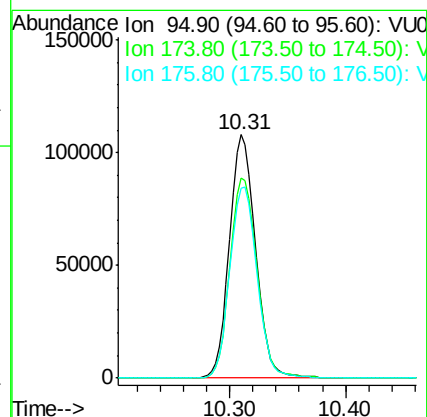
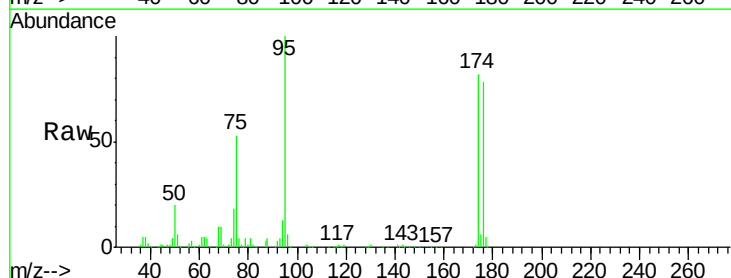
Tgt Ion: 95 Resp: 167789

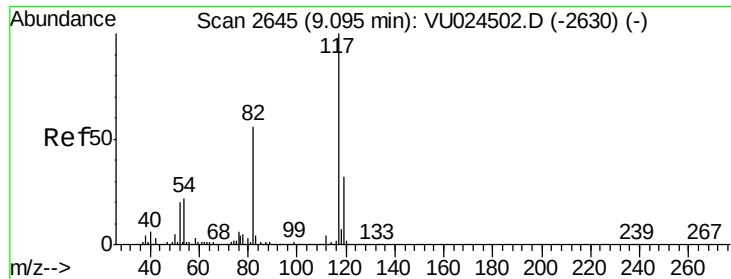
Ion Ratio Lower Upper

95 100

174 85.4 0.0 165.8

176 81.7 0.0 159.4

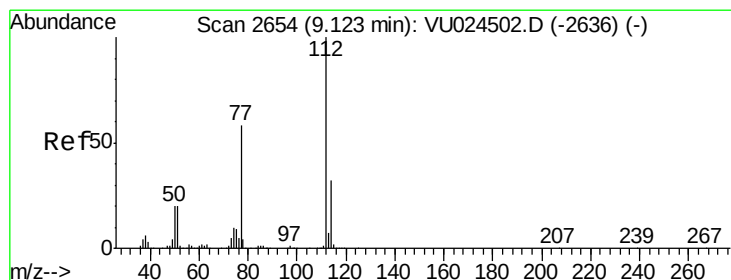
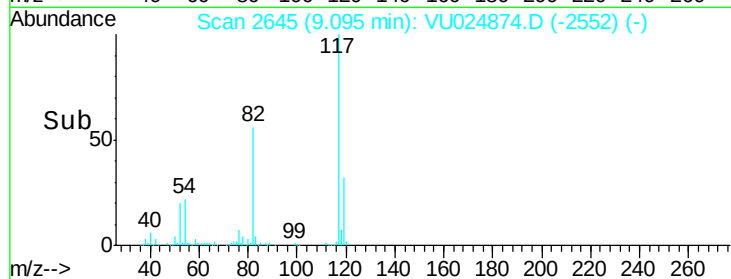
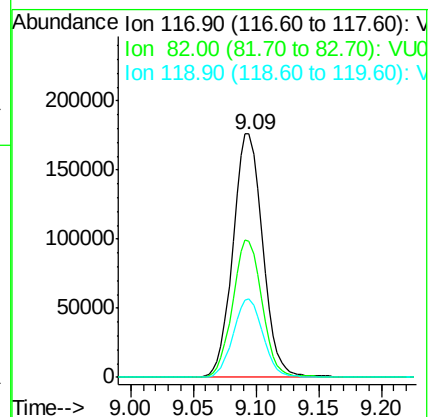
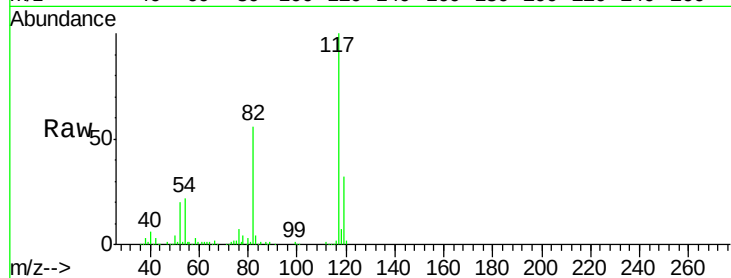




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024874.D
Acq: 25 Jun 2018 14:55

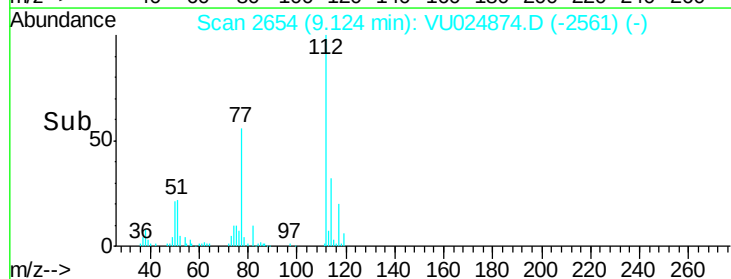
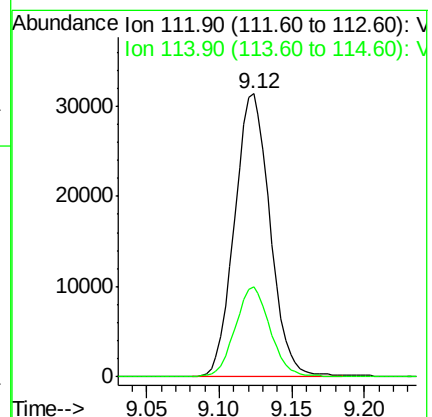
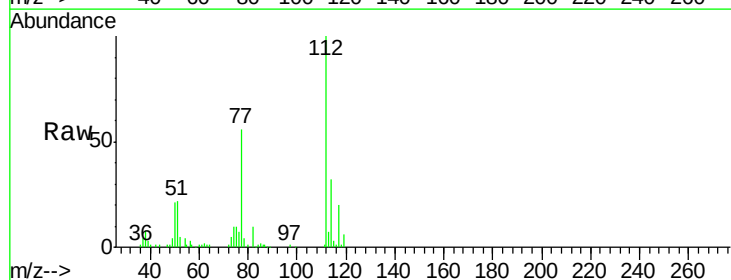
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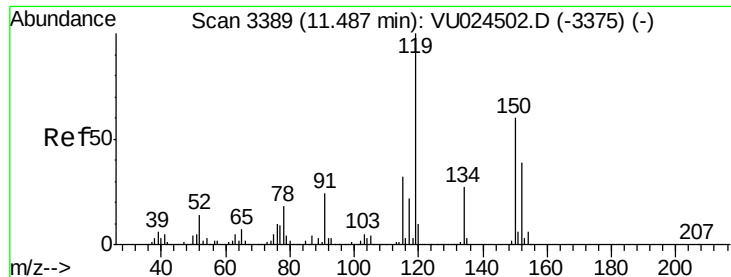
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.3	66.5
119	32.0	25.4	38.2



#65
Chlorobenzene
Concen: 7.18 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024874.D
Acq: 25 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024874.D

Acq: 25 Jun 2018 14:55

Instrument :

MSVOA_U

ClientSampleId :

WP021MW345-180618DL

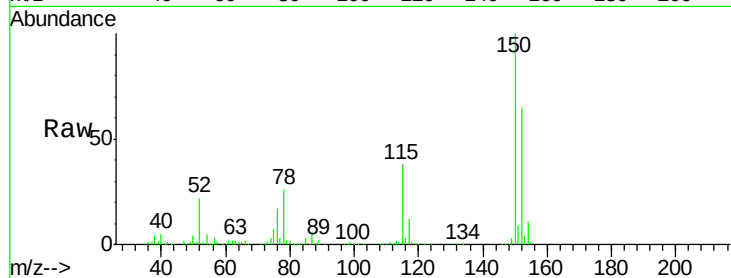
Tot Ion:152 Resp: 157304

Ion Ratio Lower Upper

152 100

115 57.7 43.0 129.0

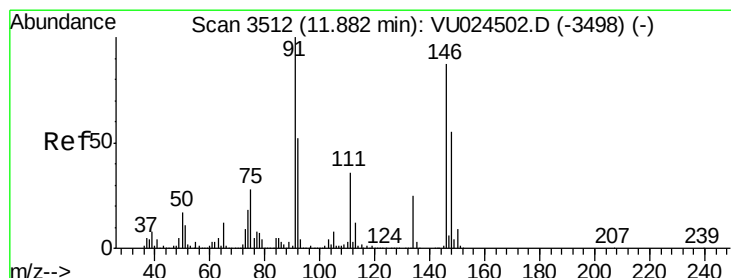
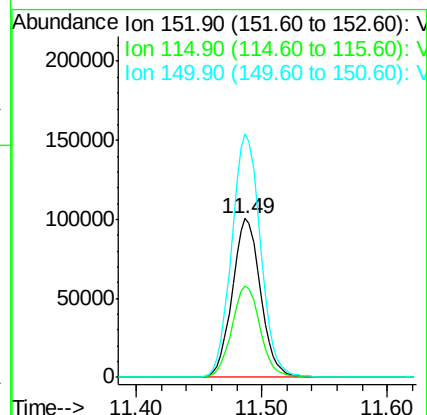
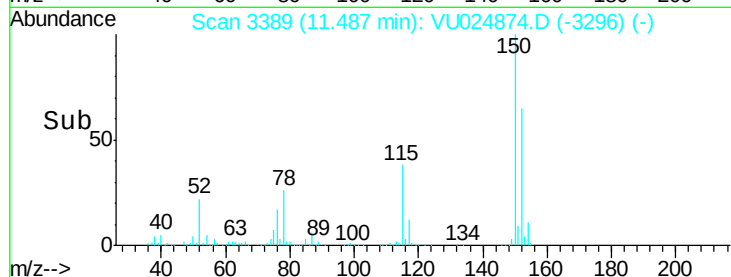
150 156.3 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#91

1,2-Dichlorobenzene

Concen: 2.02 ug/l

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU024874.D

Acq: 25 Jun 2018 14:55

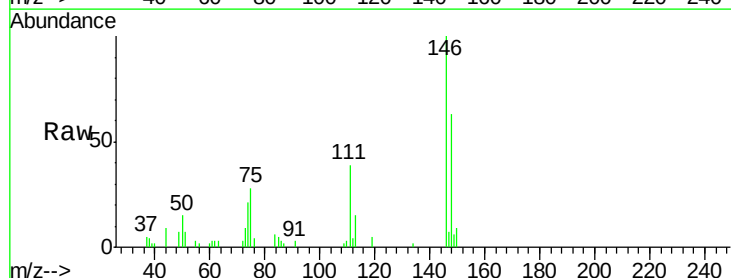
Tgt Ion:146 Resp: 11443

Ion Ratio Lower Upper

146 100

111 40.9 20.5 61.6

148 64.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

