

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058304.D
 Acq On : 22 Jun 2018 18:51
 Operator : VA/AP
 Sample : J3663-07
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB472-30-32-180618

Quant Time: Jun 22 23:21:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

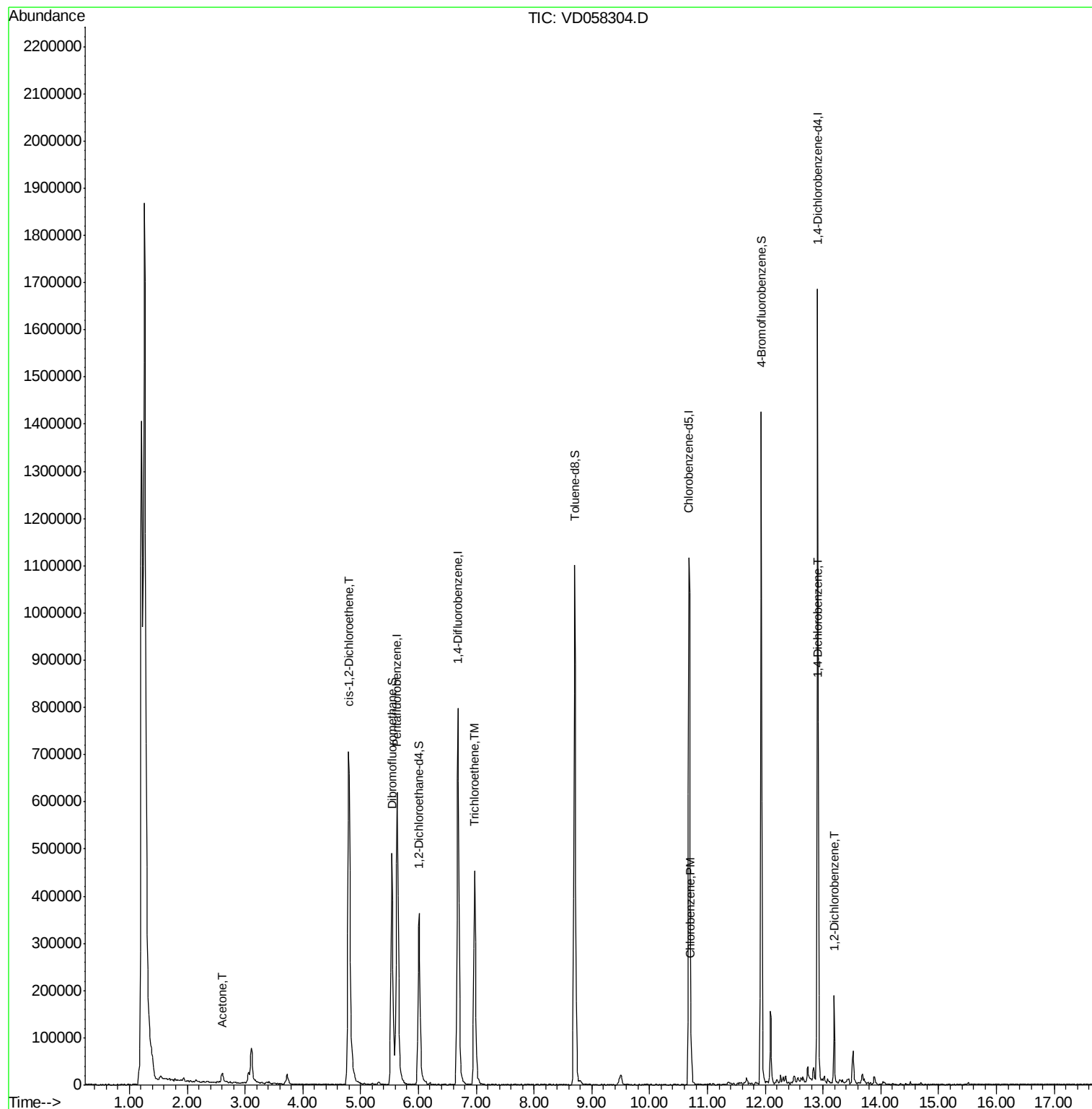
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	616167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	811856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	638040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	344127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	360001	57.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.68%	
35) Dibromofluoromethane	5.54	113	380352	57.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.12%	
50) Toluene-d8	8.70	98	845780	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	11.93	95	375072	57.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.86%	
Target Compounds						
16) Acetone	2.61	43	43360	50.94	ug/l	94
27) cis-1,2-Dichloroethene	4.79	96	431110	74.57	ug/l	91
44) Trichloroethene	6.98	130	190609	33.18	ug/l	93
65) Chlorobenzene	10.72	112	37043	3.10	ug/l	100
88) 1,4-Dichlorobenzene	12.92	146	14536	1.39	ug/l	94
91) 1,2-Dichlorobenzene	13.19	146	51338	5.63	ug/l	99

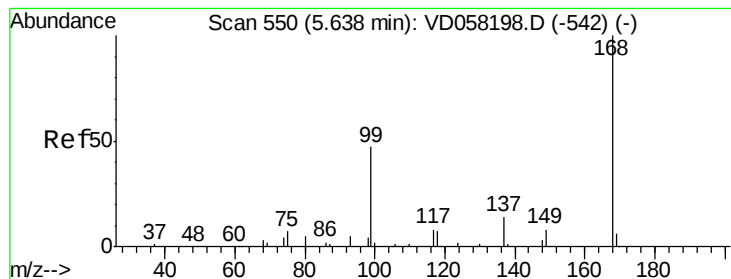
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.00 min

Lab File: VD058304.D

Acq: 22 Jun 2018 18:51

Instrument :

MSVOA_D

ClientSampleId :

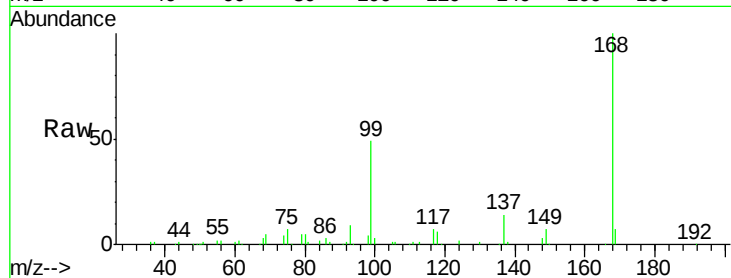
WP021SB472-30-32-180618

Tot Ion:168 Resp: 616167

Ion Ratio Lower Upper

168 100

99 48.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

250000

200000

150000

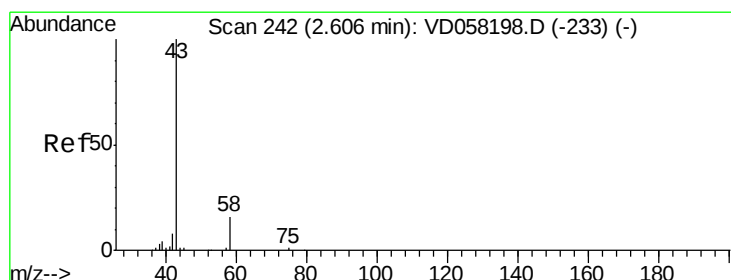
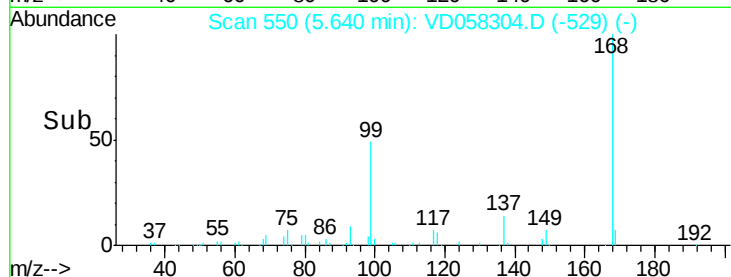
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 50.94 ug/l

RT: 2.61 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD058304.D

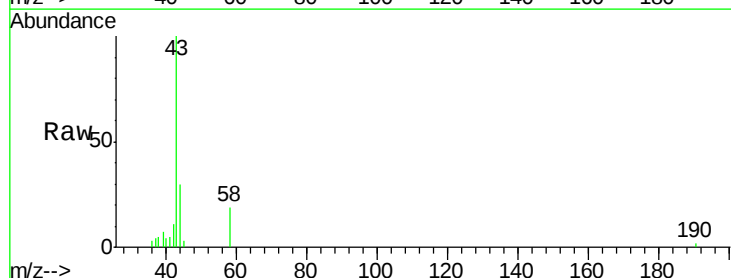
Acq: 22 Jun 2018 18:51

Tgt Ion: 43 Resp: 43360

Ion Ratio Lower Upper

43 100

58 18.5 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.61

15000

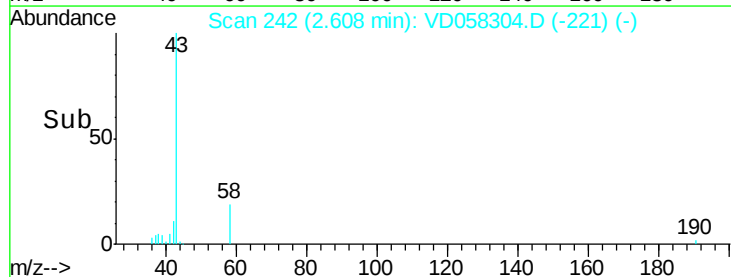
10000

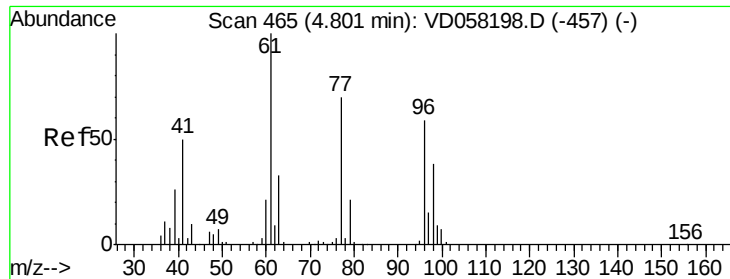
5000

0

Time-->

2.50 2.60 2.70





#27

cis-1,2-Dichloroethene

Concen: 74.57 ug/l

RT: 4.79 min Scan# 464

Delta R.T. -0.01 min

Lab File: VD058304.D

Acq: 22 Jun 2018 18:51

Instrument :

MSVOA_D

ClientSampleId :

WP021SB472-30-32-180618

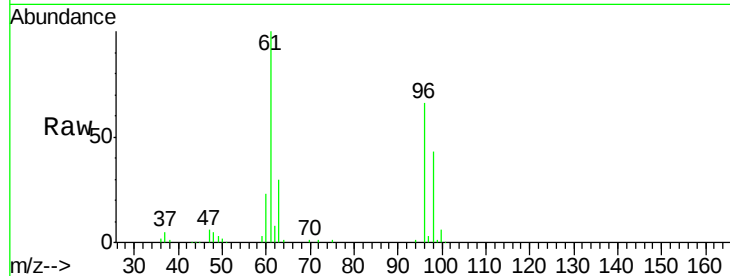
Tot Ion: 96 Resp: 431110

Ion Ratio Lower Upper

96 100

61 152.4 0.0 338.6

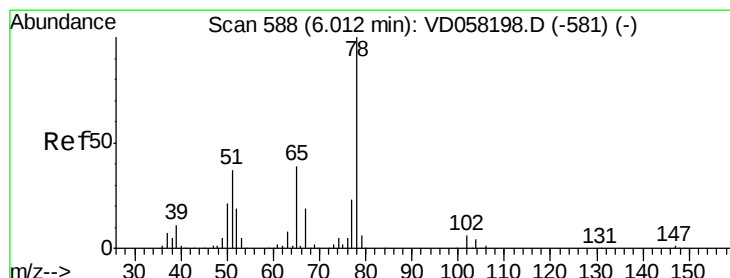
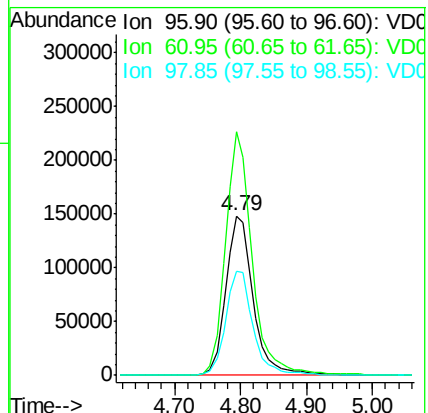
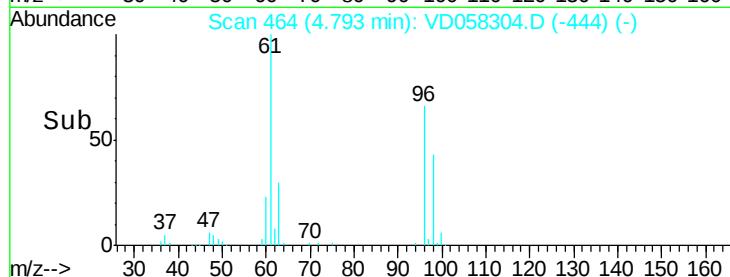
98 64.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. 0.00 min

Lab File: VD058304.D

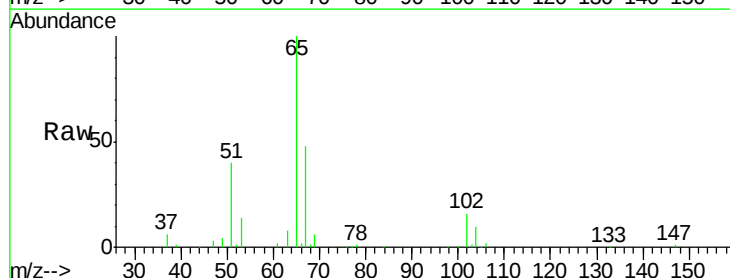
Acq: 22 Jun 2018 18:51

Tgt Ion: 65 Resp: 360001

Ion Ratio Lower Upper

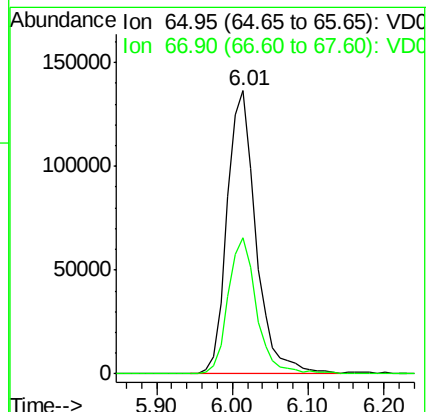
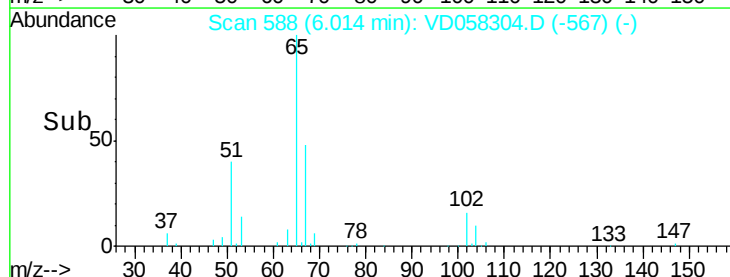
65 100

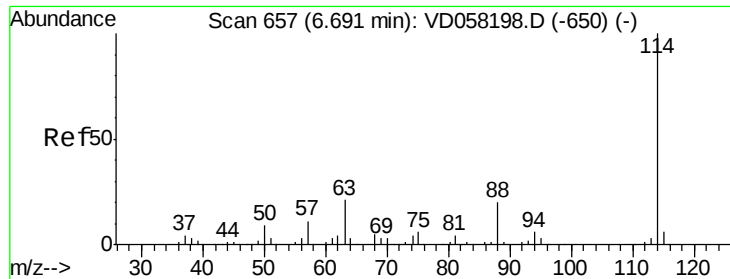
67 47.9 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

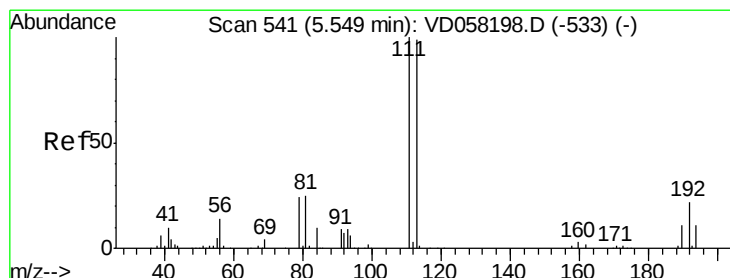
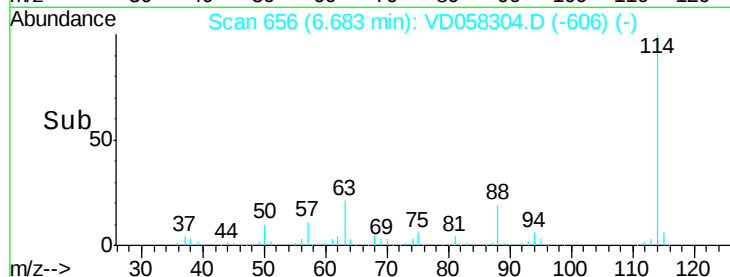
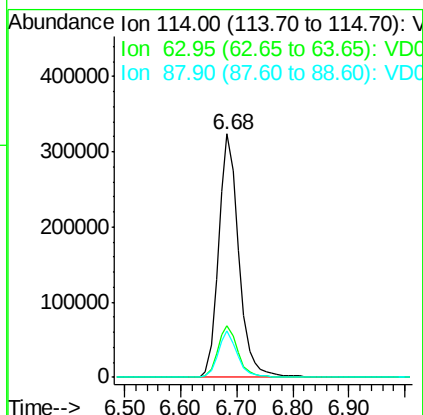
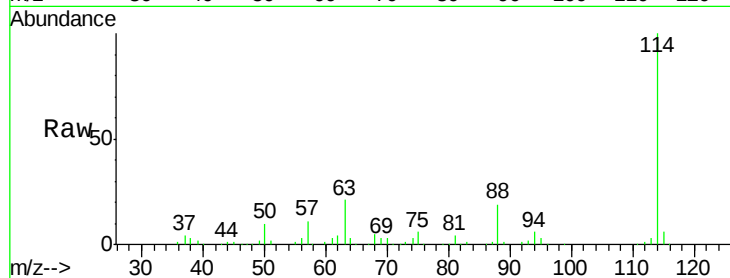




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.68 min Scan# 656
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

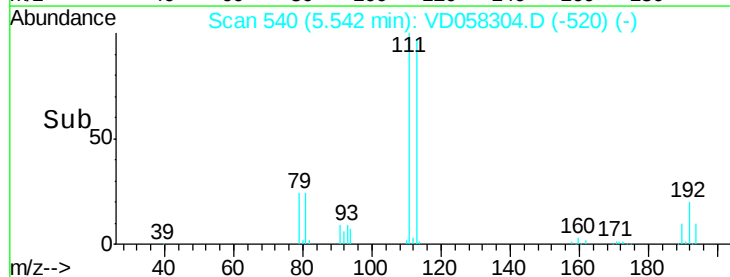
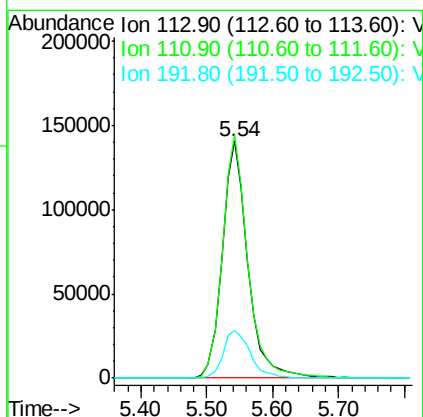
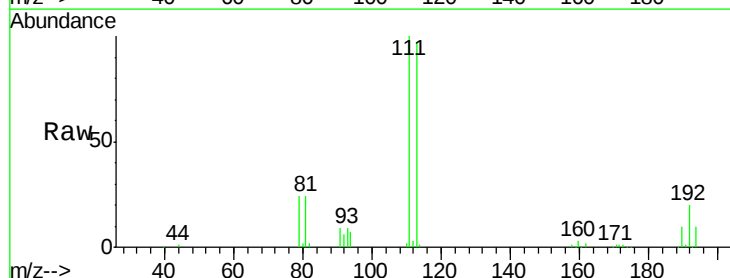
Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-30-32-180618

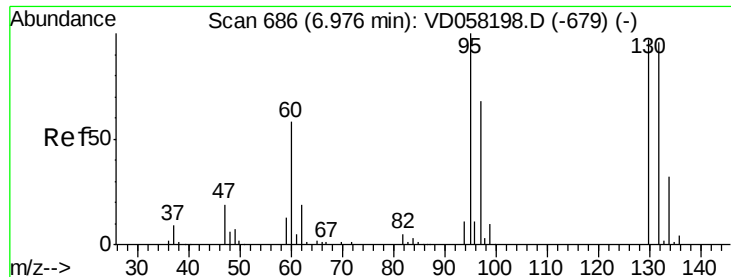
Tot Ion:114 Resp: 811856
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.6
88 19.2 0.0 40.6



#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion:113 Resp: 380352
Ion Ratio Lower Upper
113 100
111 102.7 80.6 121.0
192 20.1 17.8 26.6

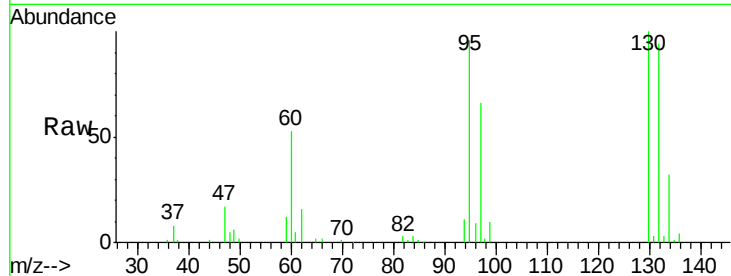




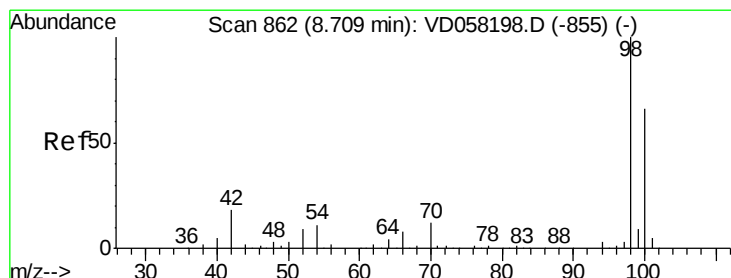
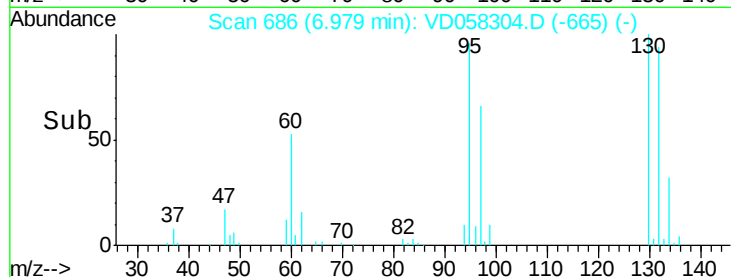
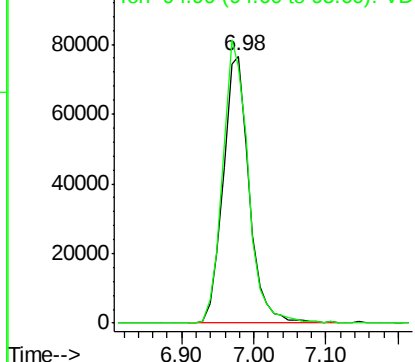
#44
 Trichloroethene
 Concen: 33.18 ug/l
 RT: 6.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: VD058304.D
 Acq: 22 Jun 2018 18:51

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB472-30-32-180618

Tot Ion:130 Resp: 190609
 Ion Ratio Lower Upper
 130 100
 95 95.9 0.0 205.6

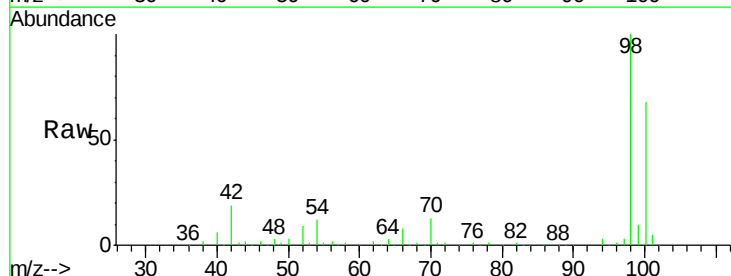


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VDC

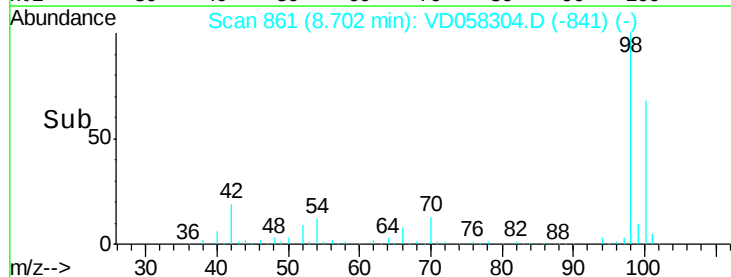
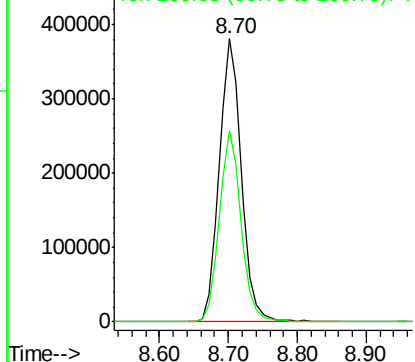


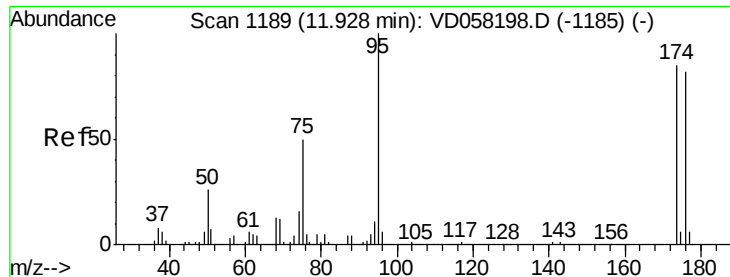
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.70 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VD058304.D
 Acq: 22 Jun 2018 18:51

Tgt Ion: 98 Resp: 845780
 Ion Ratio Lower Upper
 98 100
 100 67.6 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD058304.D

Acq: 22 Jun 2018 18:51

Instrument :

MSVOA_D

ClientSampleId :

WP021SB472-30-32-180618

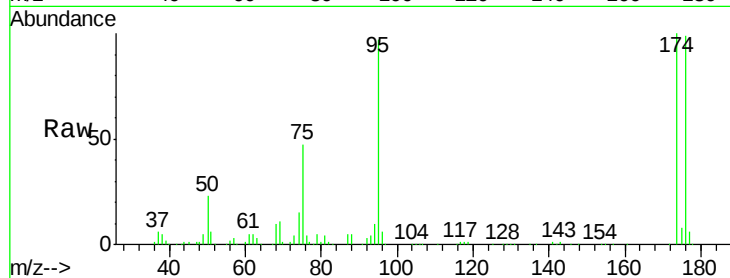
Tot Ion: 95 Resp: 375072

Ion Ratio Lower Upper

95 100

174 103.0 0.0 170.2

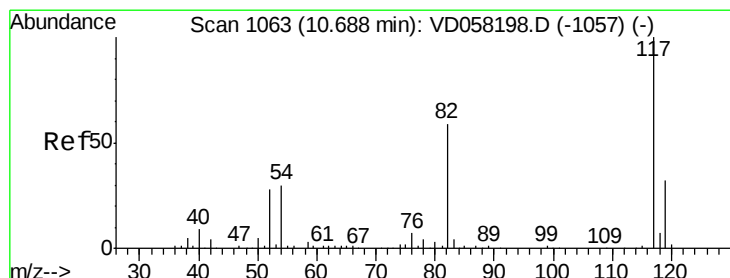
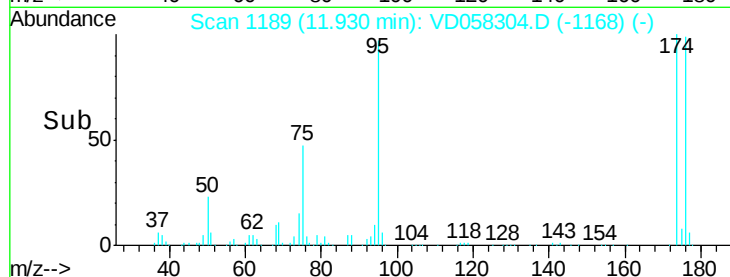
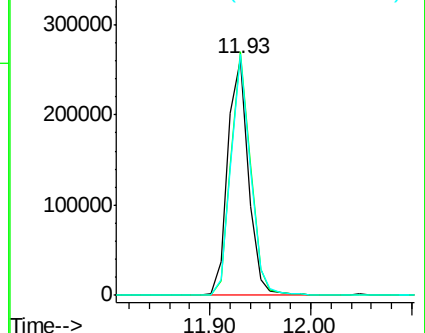
176 102.0 0.0 164.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VD058304.D

Acq: 22 Jun 2018 18:51

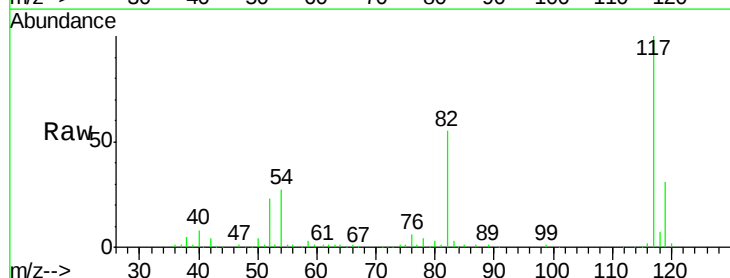
Tgt Ion: 117 Resp: 638040

Ion Ratio Lower Upper

117 100

82 55.3 47.0 70.6

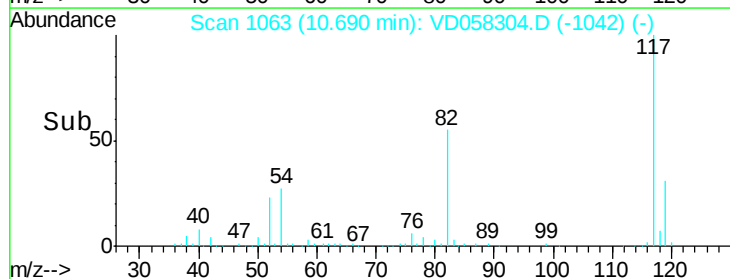
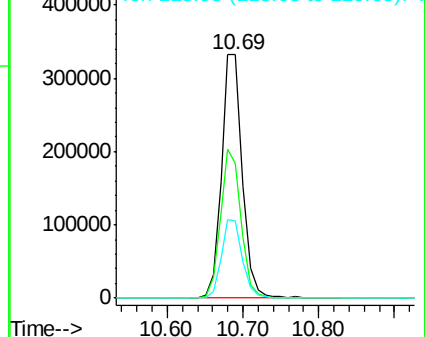
119 31.5 25.3 37.9

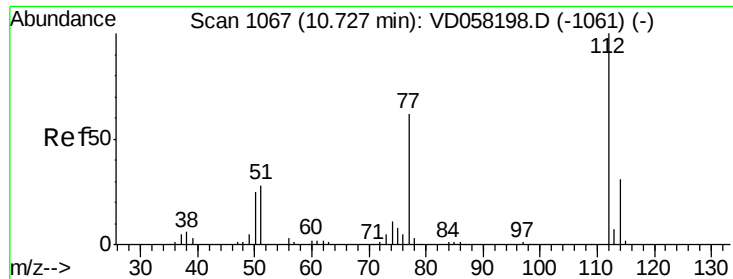


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

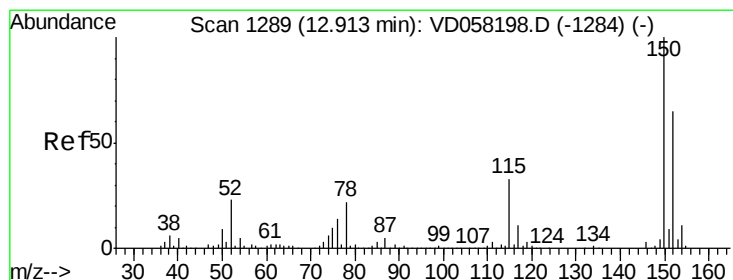
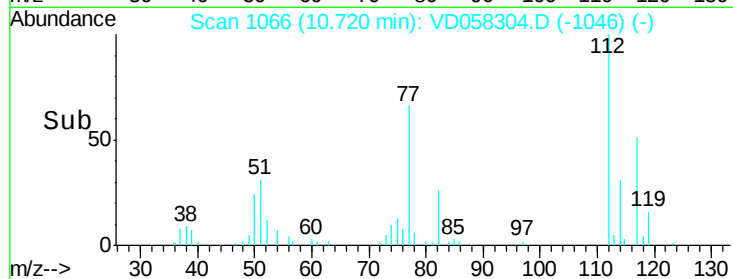
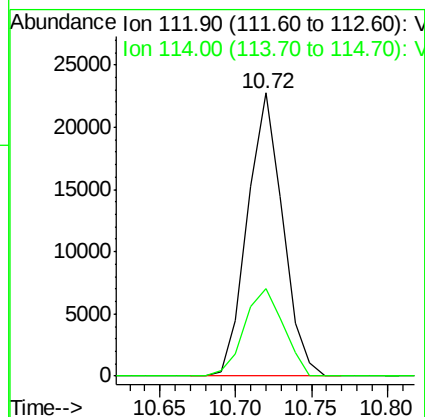
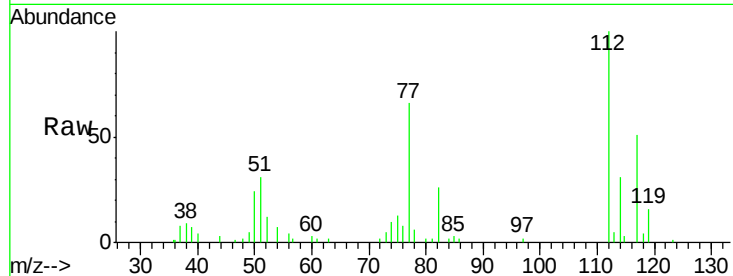




#65
Chlorobenzene
Concen: 3.10 ug/l
RT: 10.72 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

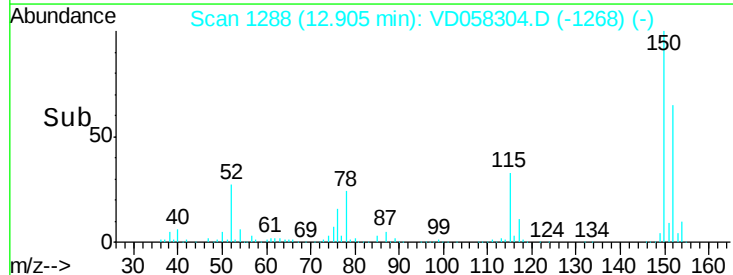
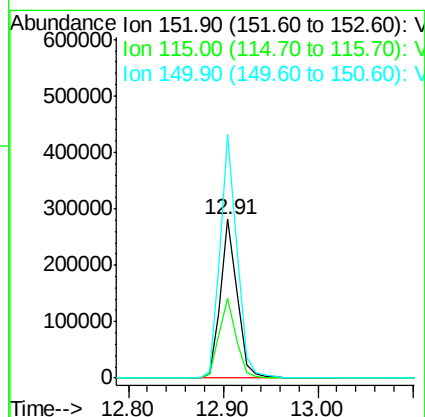
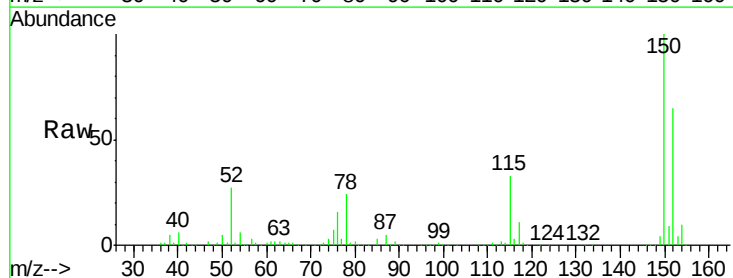
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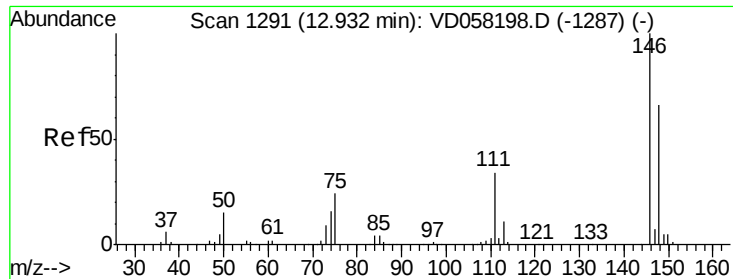
Tot Ion:112 Resp: 37043
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion:152 Resp: 344127
Ion Ratio Lower Upper
152 100
115 50.0 25.1 75.3
150 153.5 0.0 308.8





#88

1,4-Dichlorobenzene

Concen: 1.39 ug/l

RT: 12.92 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VD058304.D

Acq: 22 Jun 2018 18:51

Instrument :

MSVOA_D

ClientSampleId :

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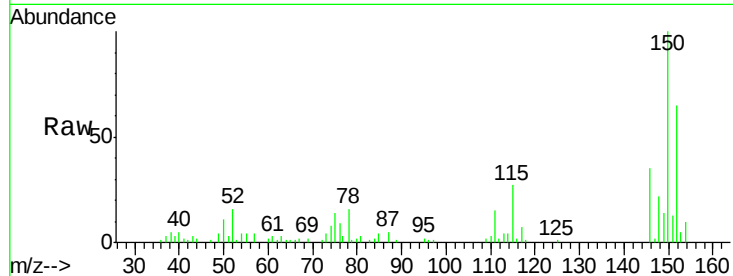
Tot Ion:146 Resp: 14536

Ion Ratio Lower Upper

146 100

111 41.9 17.2 51.5

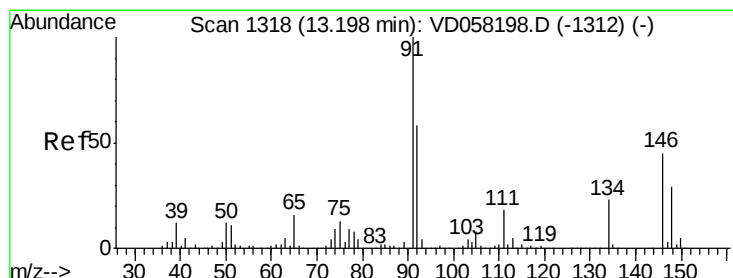
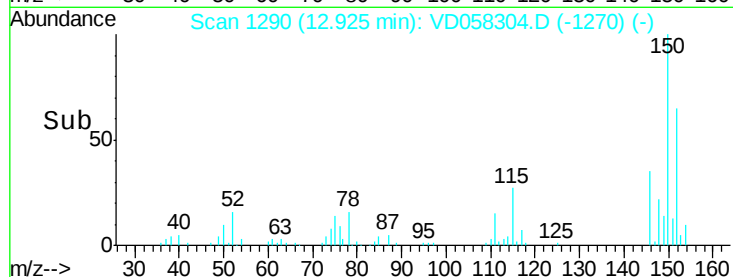
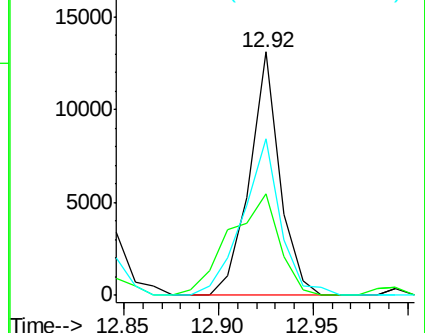
148 64.2 33.1 99.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 5.63 ug/l

RT: 13.19 min Scan# 1317

Delta R.T. -0.01 min

Lab File: VD058304.D

Acq: 22 Jun 2018 18:51

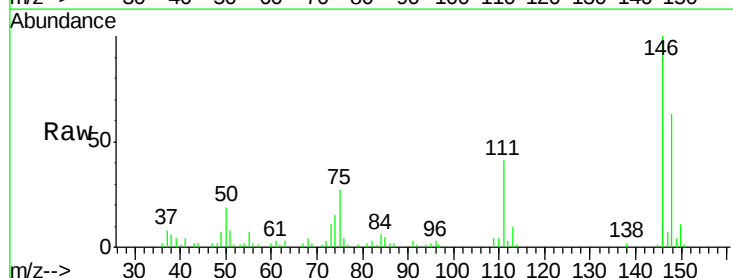
Tgt Ion:146 Resp: 51338

Ion Ratio Lower Upper

146 100

111 40.5 19.6 58.7

148 63.5 32.0 96.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

