

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002300.D
 Acq On : 05 Jun 2018 12:51
 Operator : JC/MD
 Sample : J3234-12RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-FB-2018-1RE

Quant Time: Jun 06 05:06:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

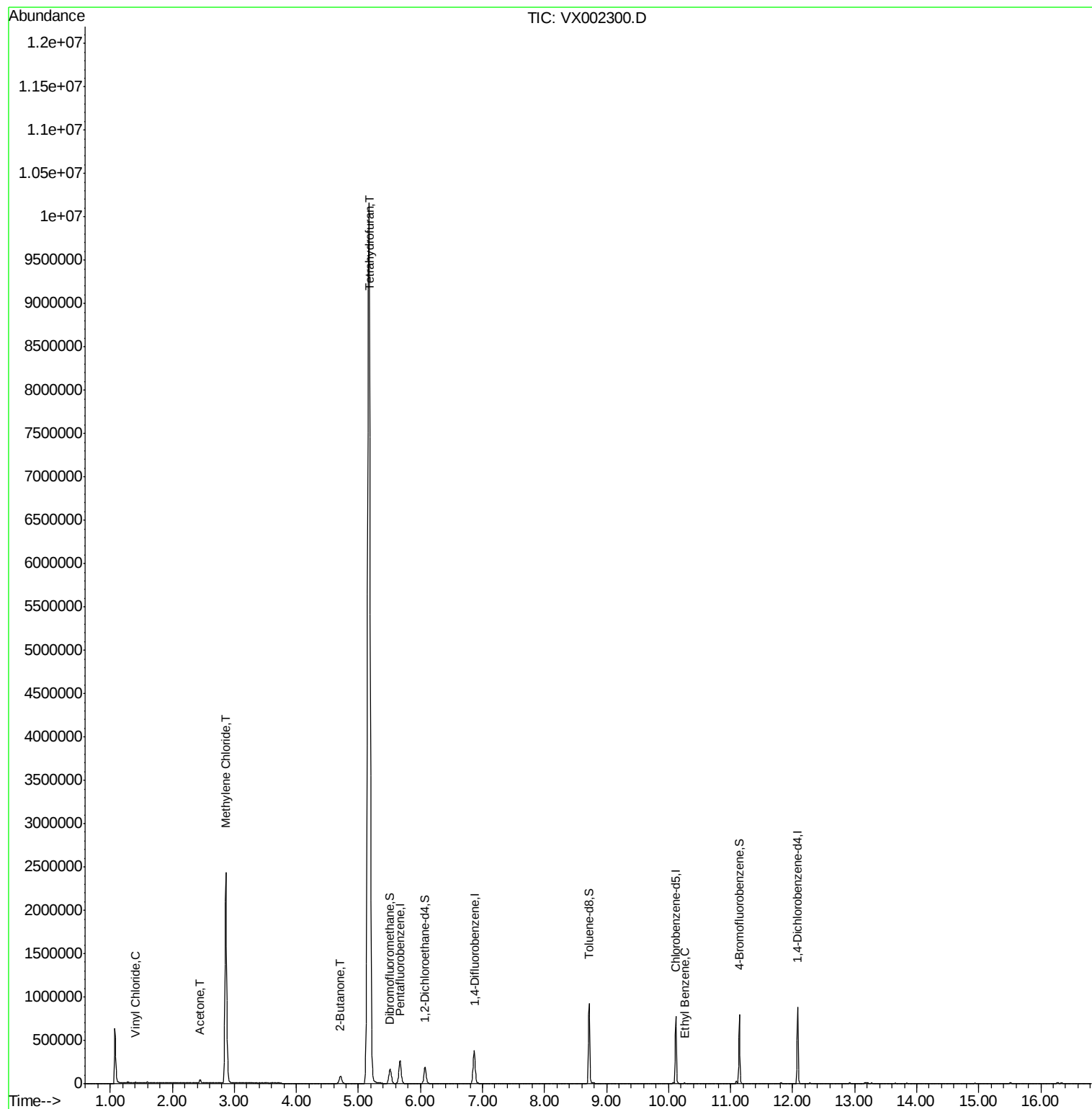
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	373942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	185833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	178614	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
35) Dibromofluoromethane	5.51	113	132337	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
50) Toluene-d8	8.72	98	529566	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
62) 4-Bromofluorobenzene	11.14	95	182885	42.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.16%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	5846	1.732	ug/l	99
16) Acetone	2.45	43	41827	7.832	ug/l	98
20) Methylene Chloride	2.86	84	1089194	392.900	ug/l	98
25) 2-Butanone	4.71	43	162391	64.294	ug/l	100
29) Tetrahydrofuran	5.17	42	9390562	5766.526	ug/l	99
67) Ethyl Benzene	10.26	91	4194	0.300	ug/l	97

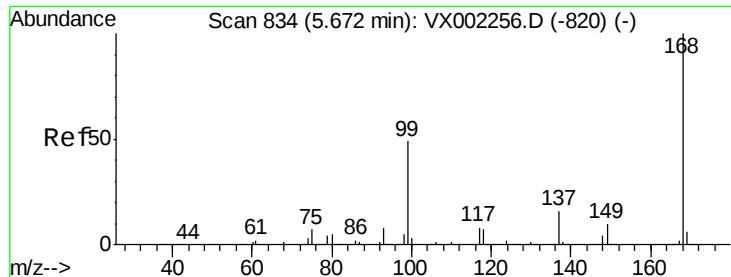
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

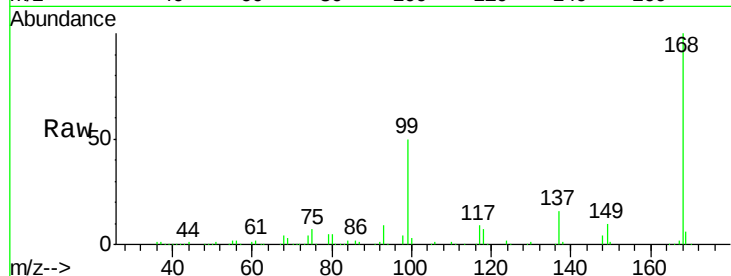
LF6-FB-2018-1RE

Tot Ion:168 Resp: 257601

Ion Ratio Lower Upper

168 100

99 49.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

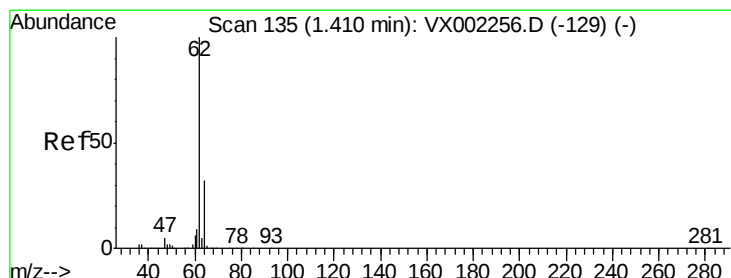
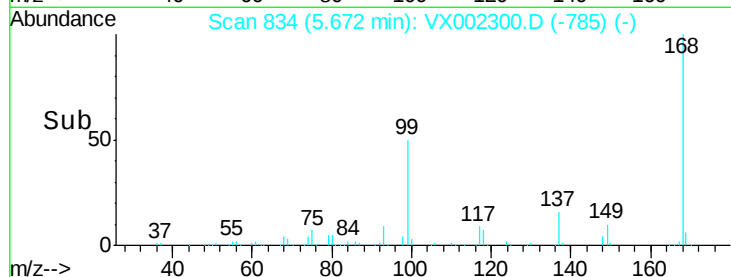
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.732 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002300.D

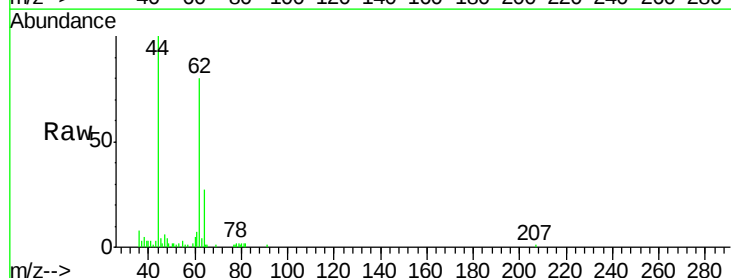
Acq: 05 Jun 2018 12:51

Tgt Ion: 62 Resp: 5846

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

5000

4000

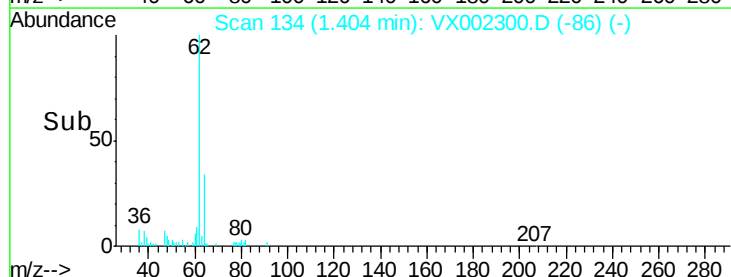
3000

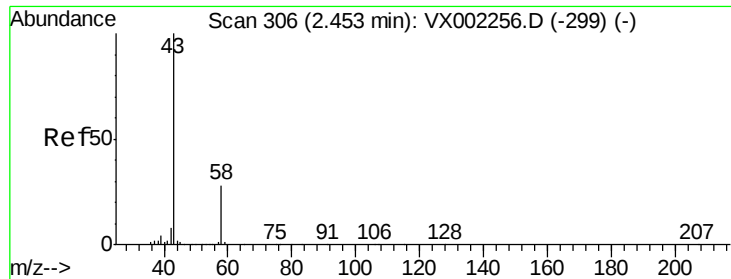
2000

1000

0

Time--> 1.35 1.40 1.45





#16

Acetone

Concen: 7.832 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

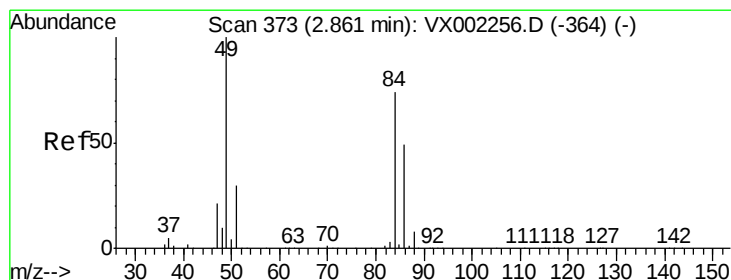
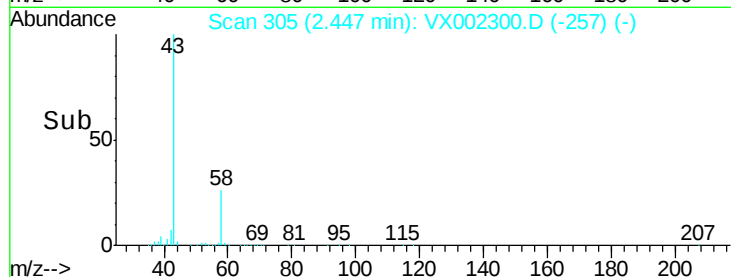
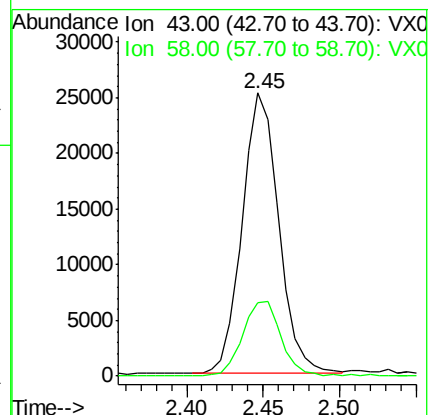
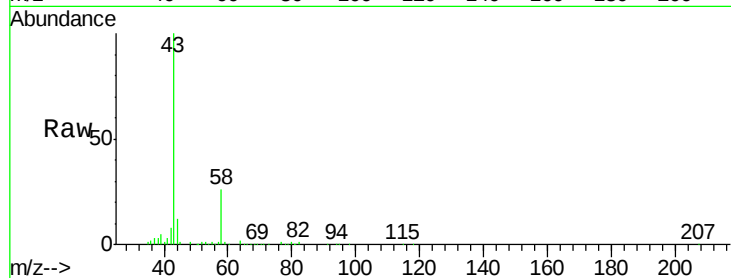
LF6-FB-2018-1RE

Tot Ion: 43 Resp: 41827

Ion Ratio Lower Upper

43 100

58 26.4 22.1 33.1



#20

Methylene Chloride

Concen: 392.900 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Tgt Ion: 84 Resp: 1089194

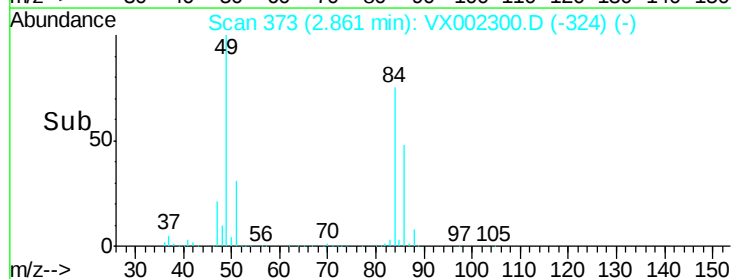
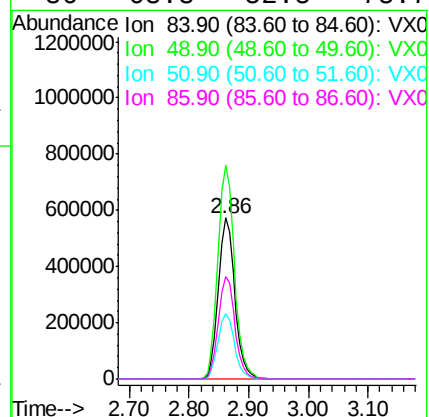
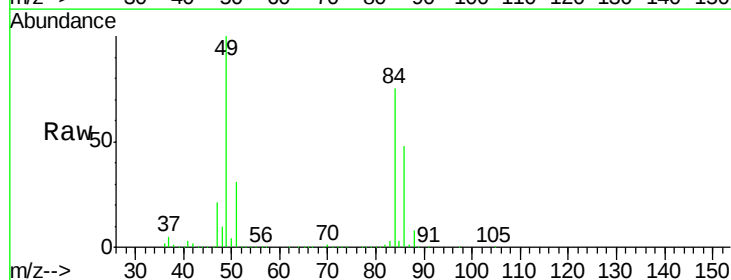
Ion Ratio Lower Upper

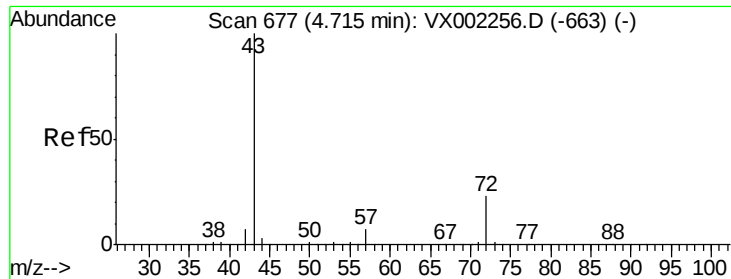
84 100

49 132.5 107.8 161.6

51 40.4 32.8 49.2

86 63.8 52.5 78.7





#25

2-Butanone

Concen: 64.294 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

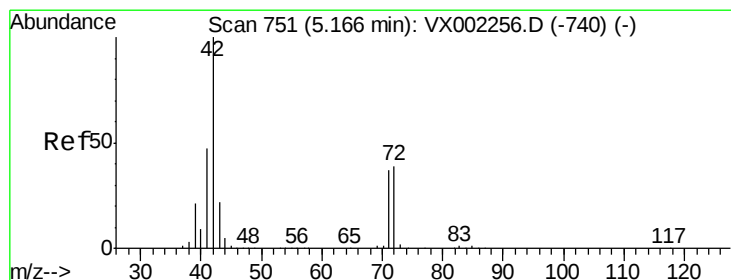
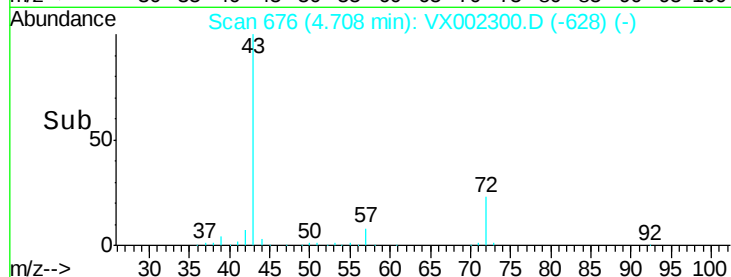
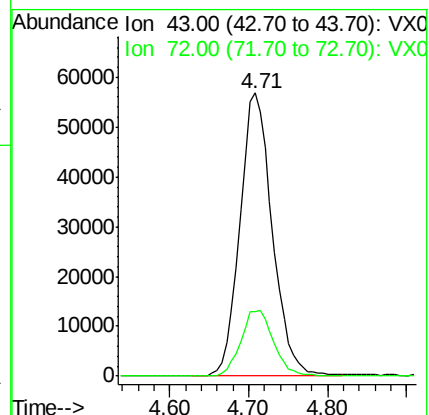
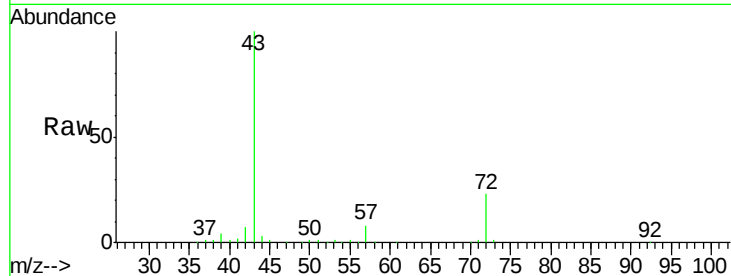
LF6-FB-2018-1RE

Tot Ion: 43 Resp: 162391

Ion Ratio Lower Upper

43 100

72 23.0 18.5 27.7



#29

Tetrahydrofuran

Concen: 5766.526 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

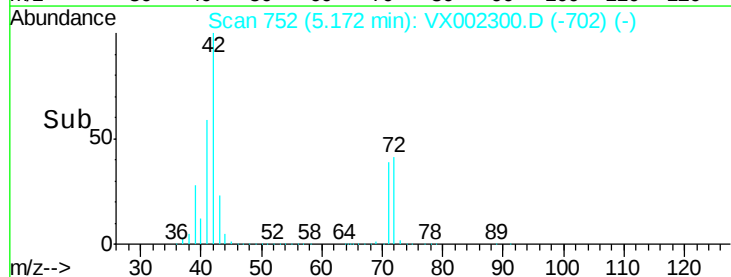
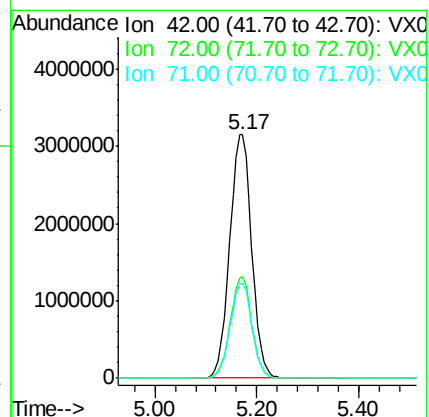
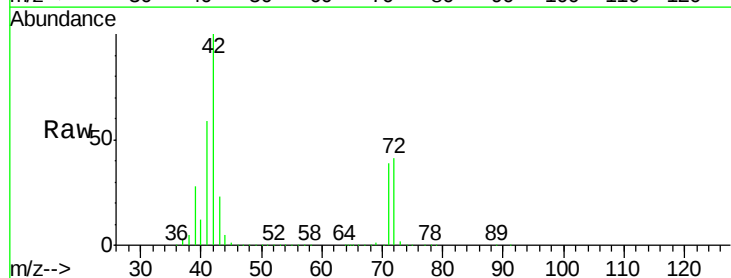
Tgt Ion: 42 Resp: 9390562

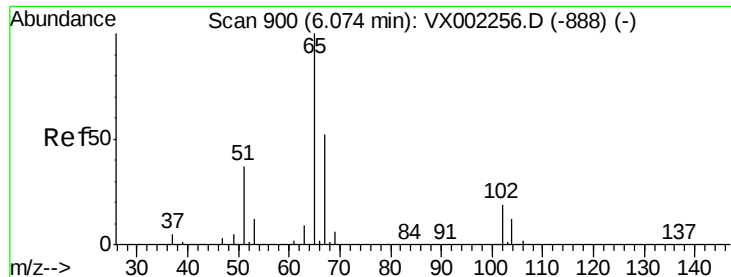
Ion Ratio Lower Upper

42 100

72 40.7 32.0 48.0

71 38.6 30.1 45.1





#33

1,2-Dichloroethane-d4

Concen: 48.375 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

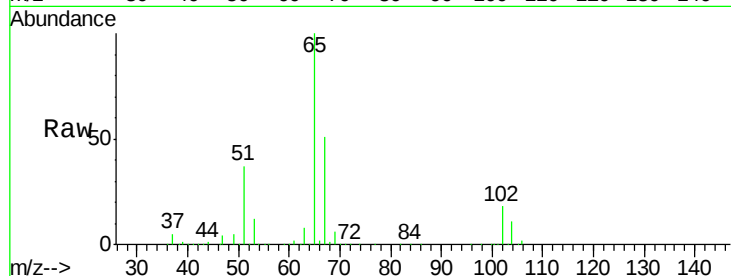
LF6-FB-2018-1RE

Tot Ion: 65 Resp: 178614

Ion Ratio Lower Upper

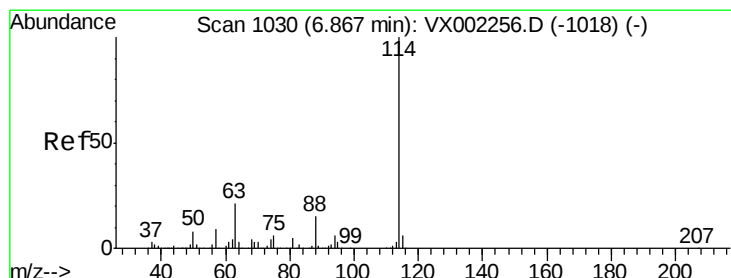
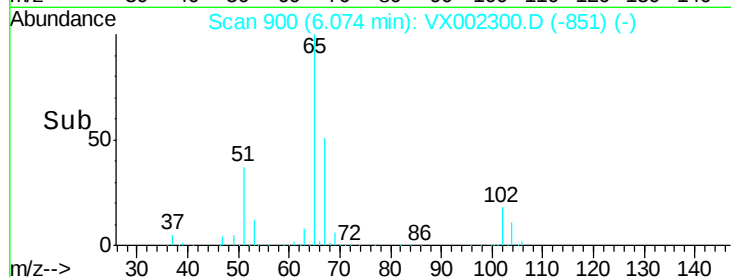
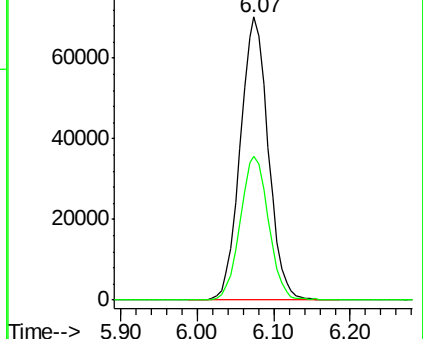
65 100

67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

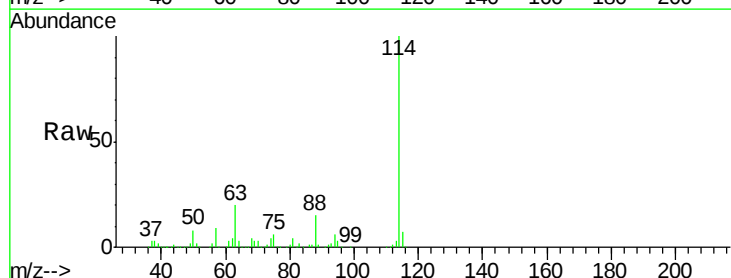
Tgt Ion: 114 Resp: 373942

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

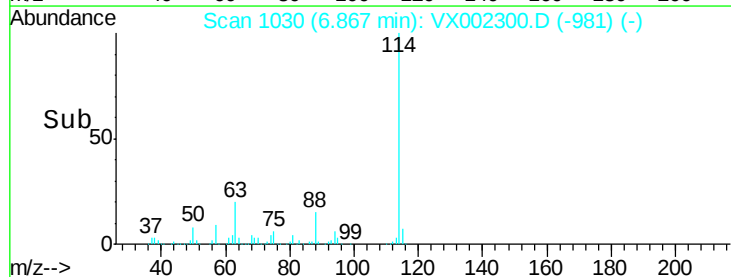
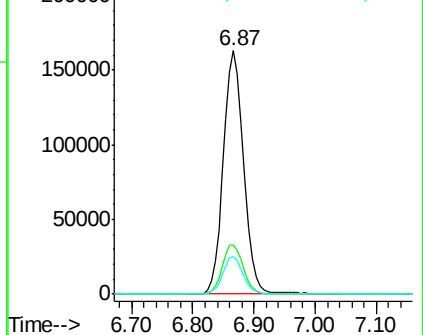
88 15.5 0.0 30.0

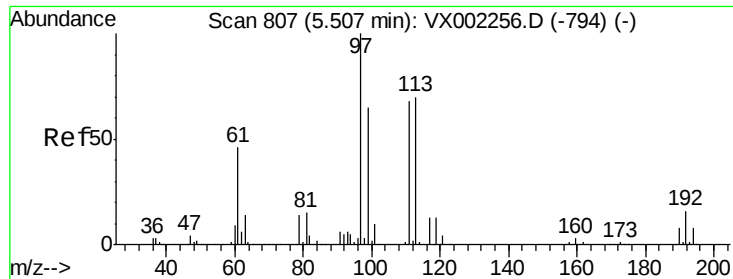


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

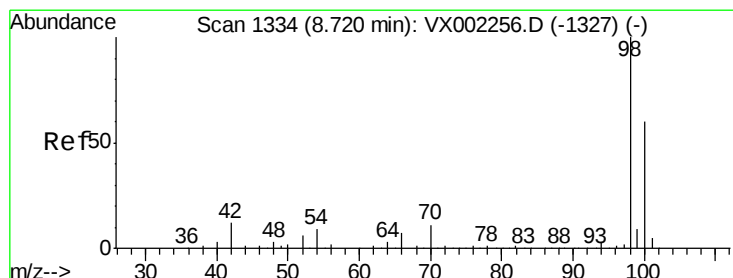
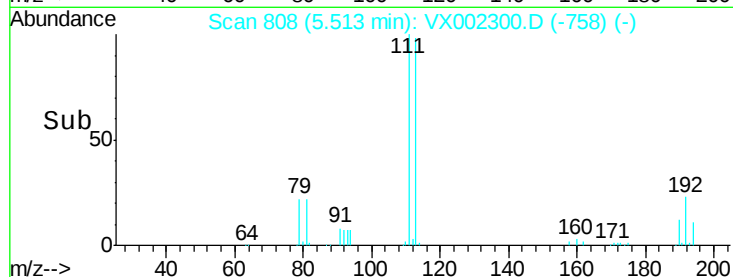
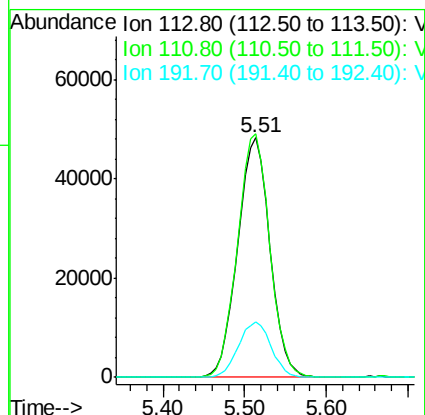
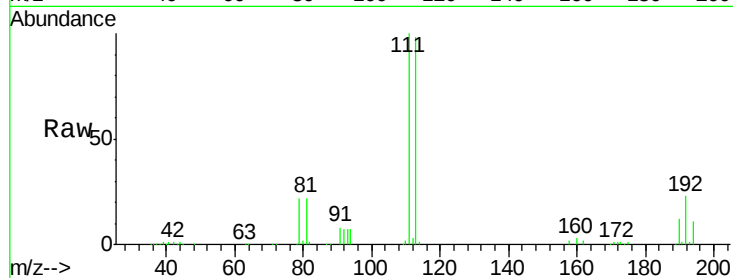




#35
 Dibromofluoromethane
 Concen: 45.002 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002300.D
 Acq: 05 Jun 2018 12:51

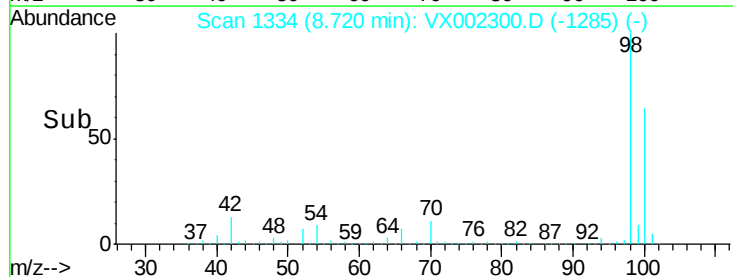
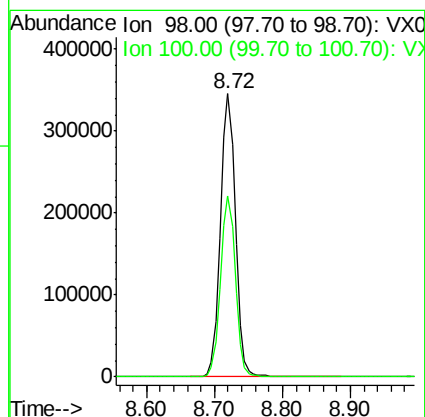
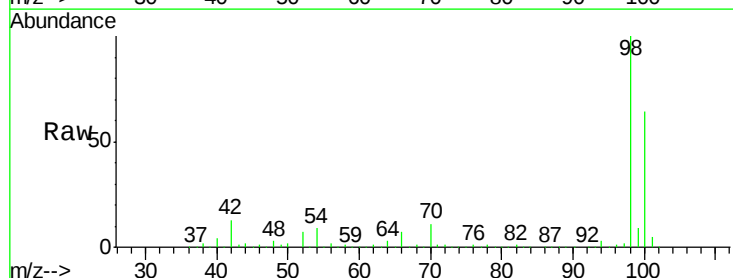
Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-FB-2018-1RE

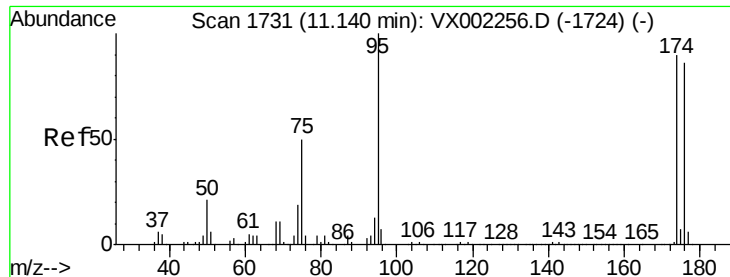
Tot Ion:113 Resp: 132337
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 23.5 19.1 28.7



#50
 Toluene-d8
 Concen: 46.982 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX002300.D
 Acq: 05 Jun 2018 12:51

Tgt Ion: 98 Resp: 529566
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 42.077 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

LF6-FB-2018-1RE

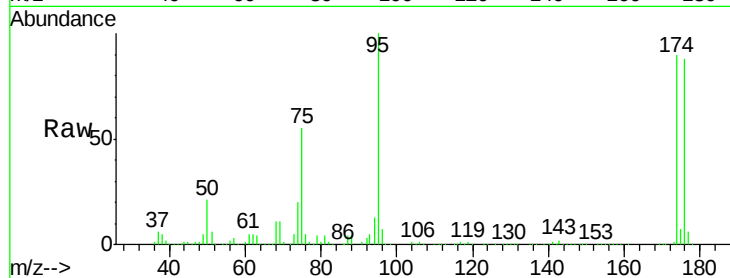
Tot Ion: 95 Resp: 182885

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.4

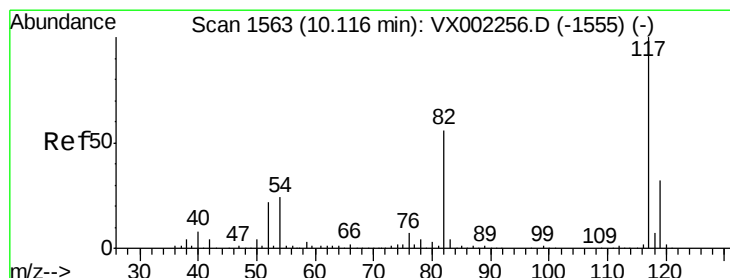
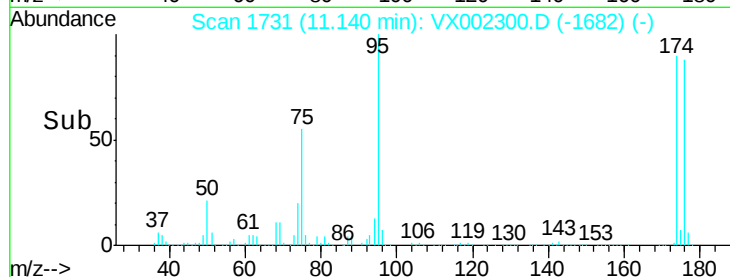
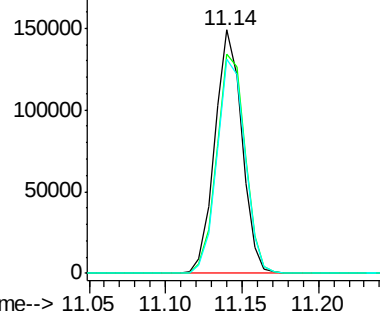
176 91.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

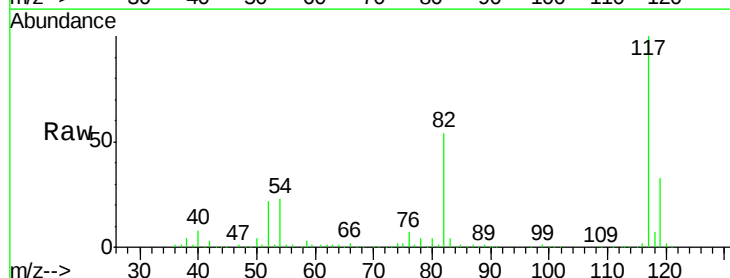
Tgt Ion: 117 Resp: 335519

Ion Ratio Lower Upper

117 100

82 54.4 45.0 67.4

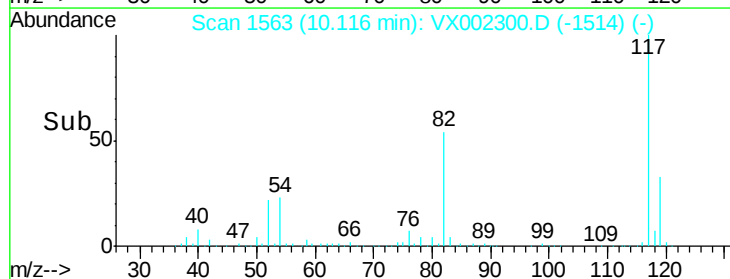
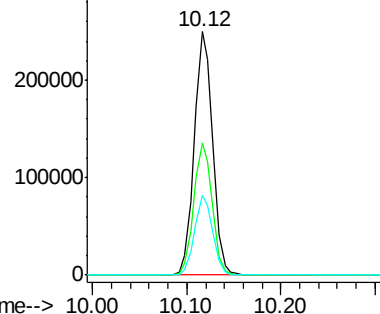
119 32.6 25.8 38.6

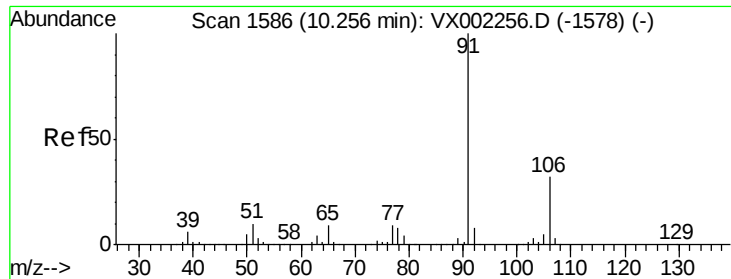


Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)





#67

Ethyl Benzene

Concen: 0.300 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

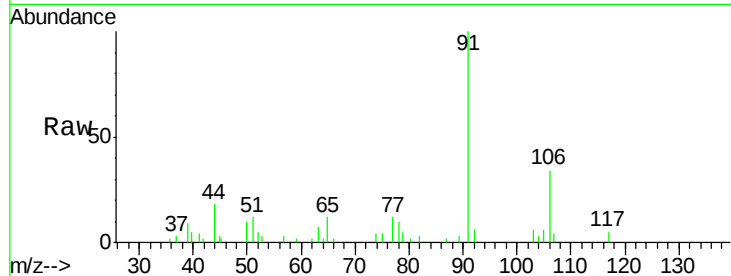
LF6-FB-2018-1RE

Tot Ion: 91 Resp: 4194

Ion Ratio Lower Upper

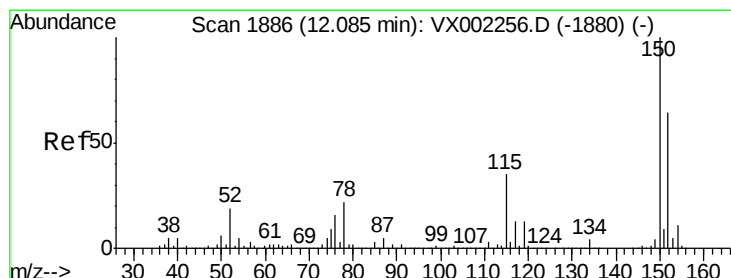
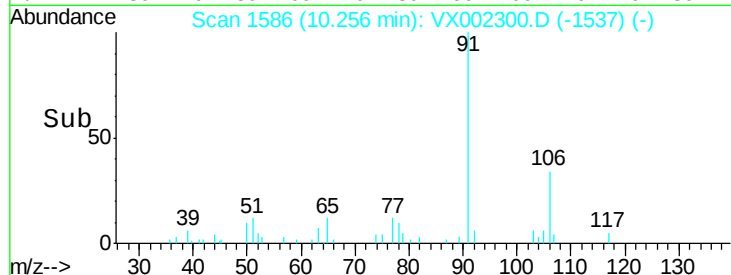
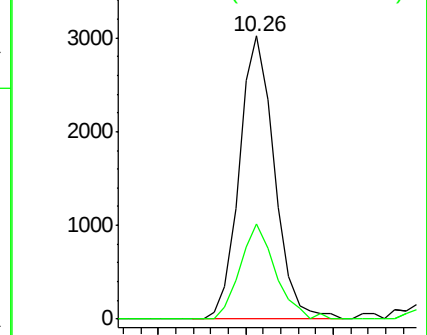
91 100

106 33.6 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

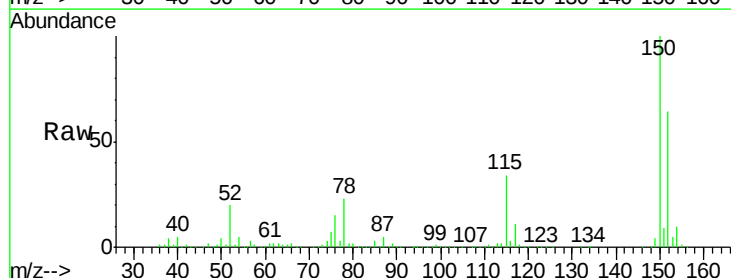
Tgt Ion: 152 Resp: 185833

Ion Ratio Lower Upper

152 100

115 55.0 40.1 120.2

150 156.5 0.0 347.2



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

