

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007908.D
 Acq On : 08 Mar 2019 02:57
 Operator : JC/SP
 Sample : K1757-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6CD-D

Quant Time: Mar 08 08:17:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

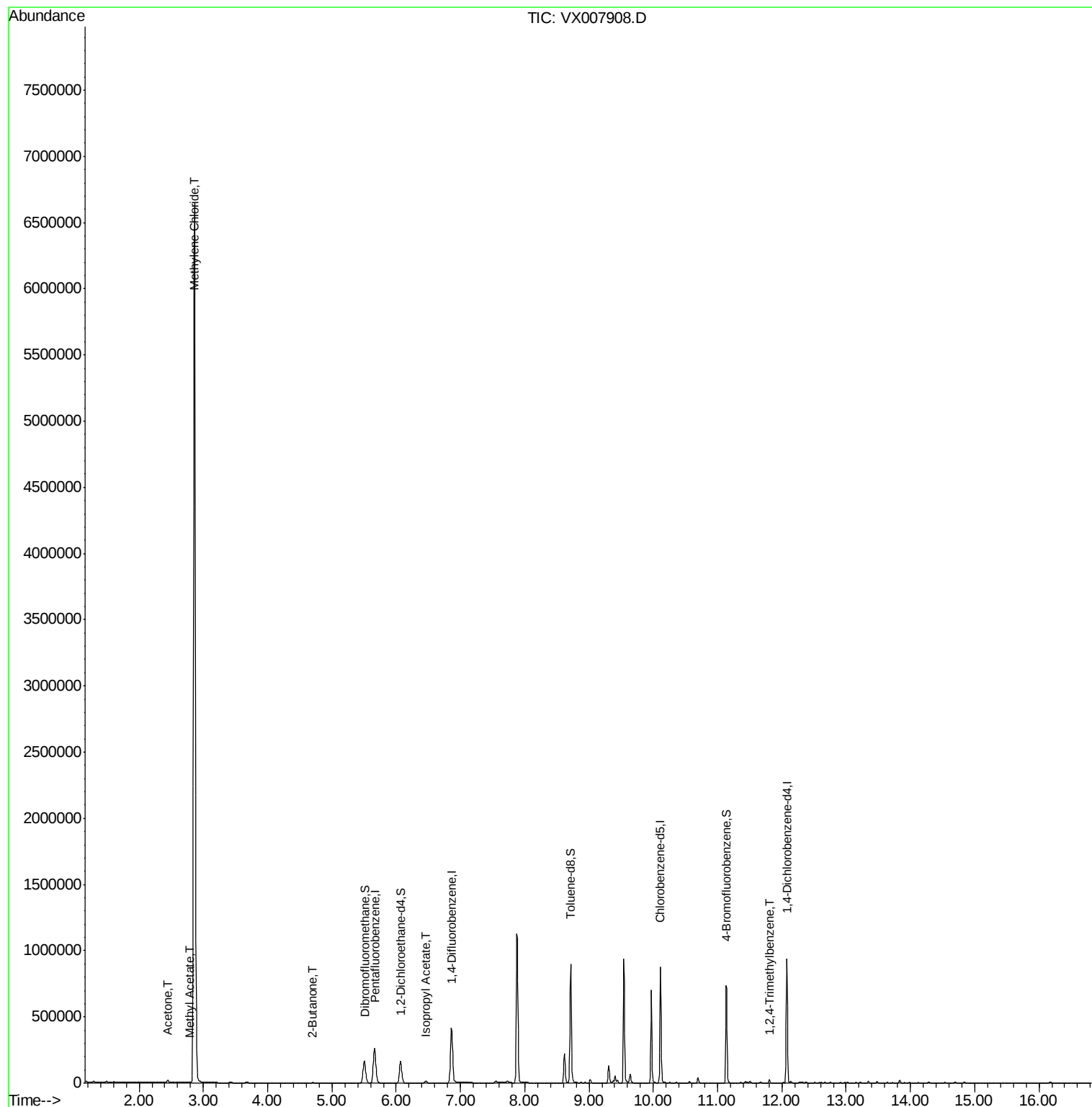
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	433948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	425161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	152926	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
35) Dibromofluoromethane	5.50	113	141905	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
50) Toluene-d8	8.71	98	542591	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	11.13	95	199491	55.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.62%	
Target Compounds						
16) Acetone	2.45	43	19807	11.674	ug/l	100
18) Methyl Acetate	2.78	43	6519	1.809	ug/l	98
20) Methylene Chloride	2.86	84	3081200	1141.106	ug/l	98
25) 2-Butanone	4.70	43	5300	2.207	ug/l	99
43) Isopropyl Acetate	6.46	43	15487	2.244	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	12632	1.069	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007908.D

Acq: 08 Mar 2019 02:57

Instrument :

MSVOA_X

ClientSampleId :

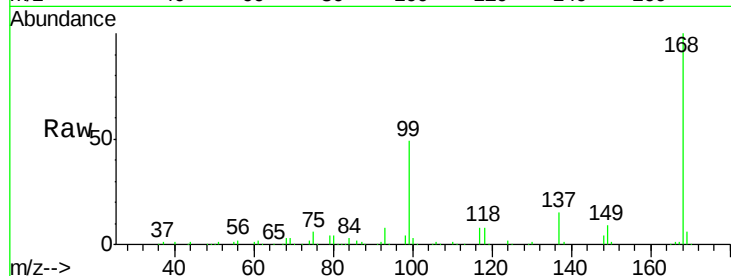
TP-6CD-D

Tot Ion:168 Resp: 277868

Ion Ratio Lower Upper

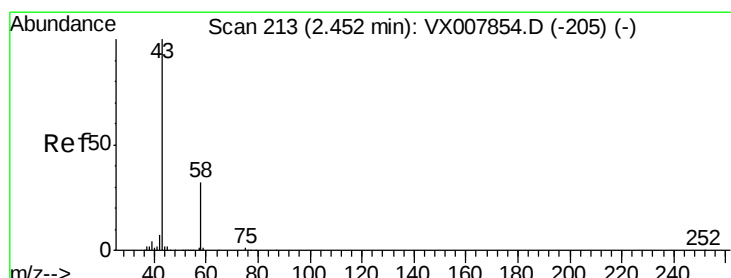
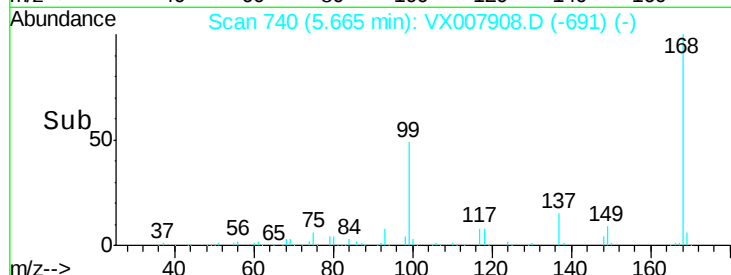
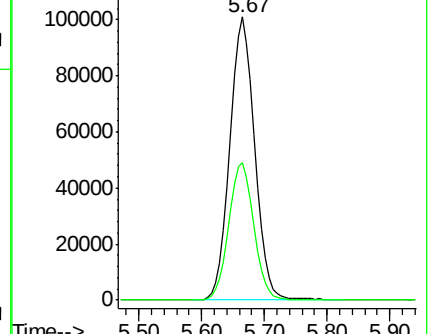
168 100

99 48.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 11.674 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007908.D

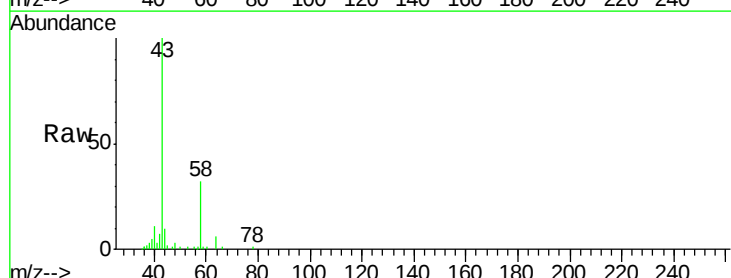
Acq: 08 Mar 2019 02:57

Tgt Ion: 43 Resp: 19807

Ion Ratio Lower Upper

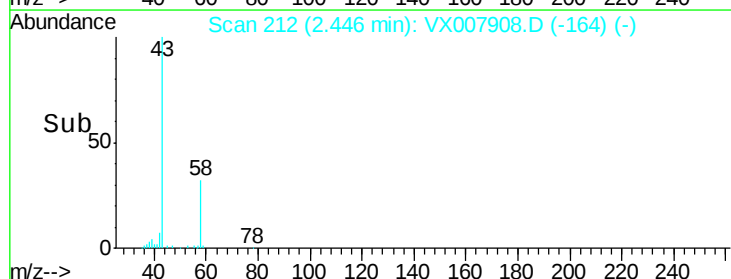
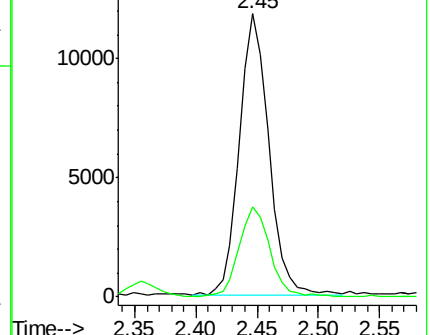
43 100

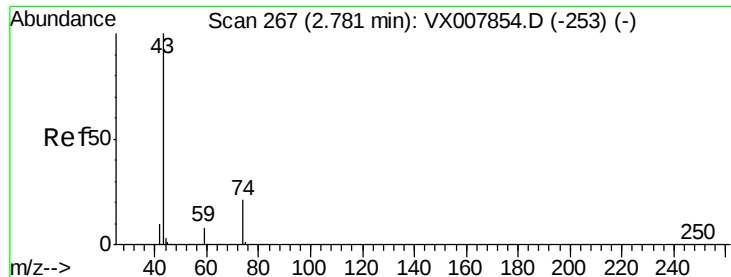
58 32.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

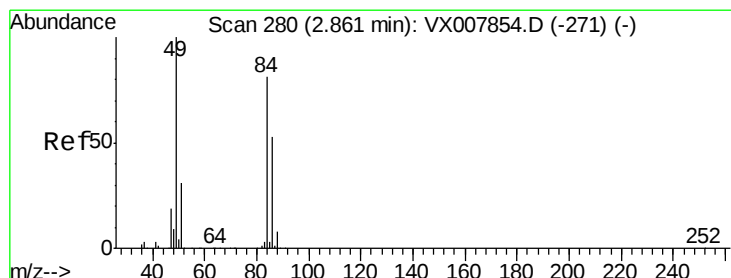
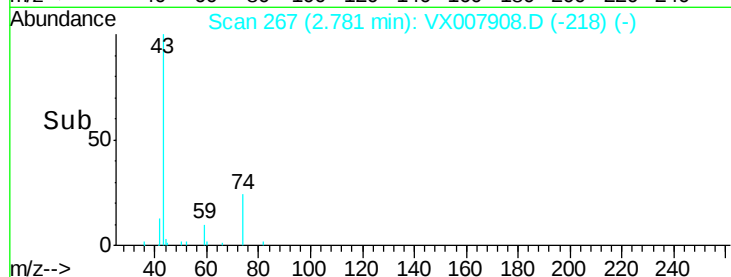
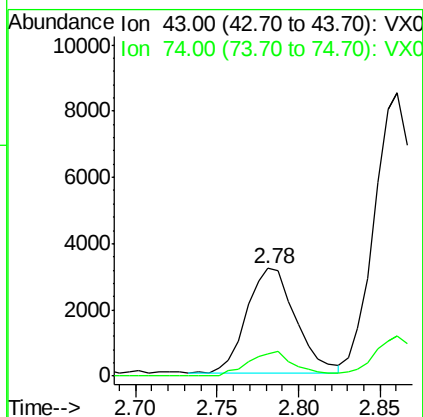
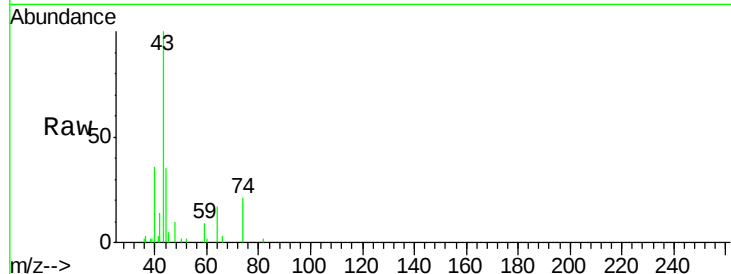




#18
Methyl Acetate
Concen: 1.809 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007908.D
Acq: 08 Mar 2019 02:57

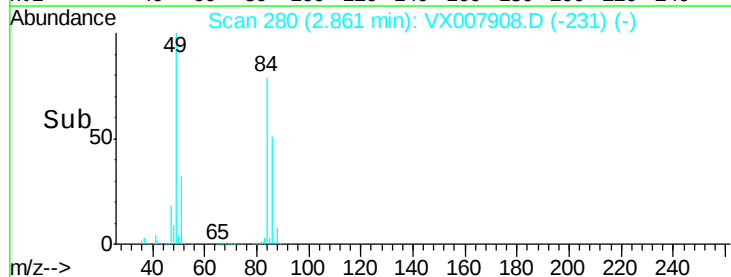
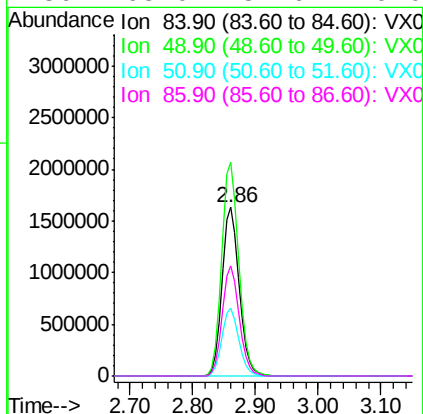
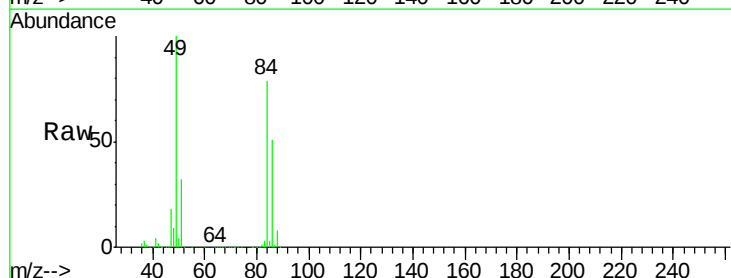
Instrument :
MSVOA_X
ClientSampled :
TP-6CD-D

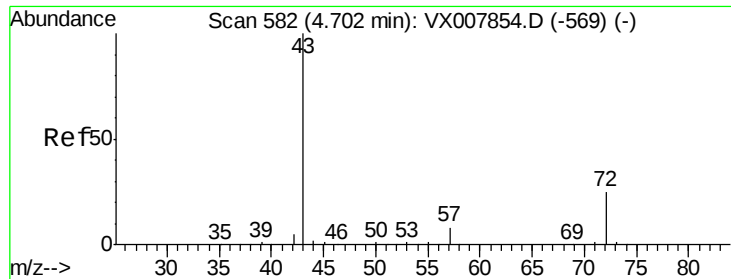
Tot Ion: 43 Resp: 6519
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.6



#20
Methylene Chloride
Concen: 1141.106 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007908.D
Acq: 08 Mar 2019 02:57

Tgt Ion: 84 Resp: 3081200
Ion Ratio Lower Upper
84 100
49 126.7 99.3 148.9
51 40.3 31.3 46.9
86 65.0 52.6 79.0





#25

2-Butanone

Concen: 2.207 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007908.D

Acq: 08 Mar 2019 02:57

Instrument :

MSVOA_X

ClientSampleId :

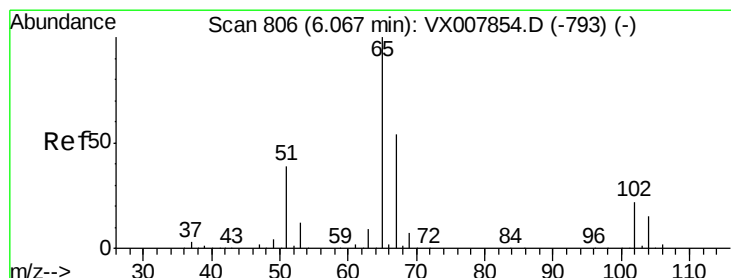
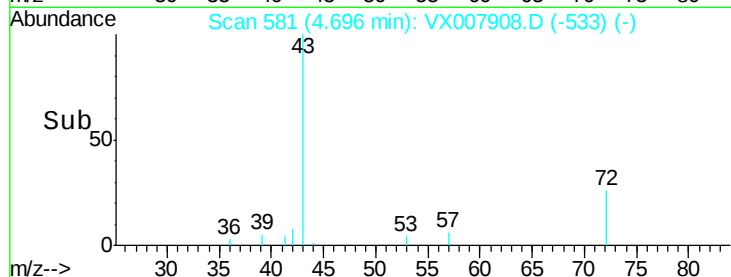
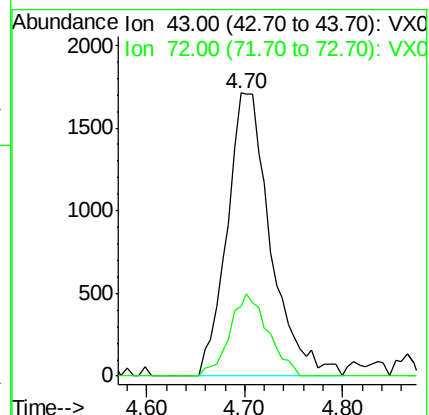
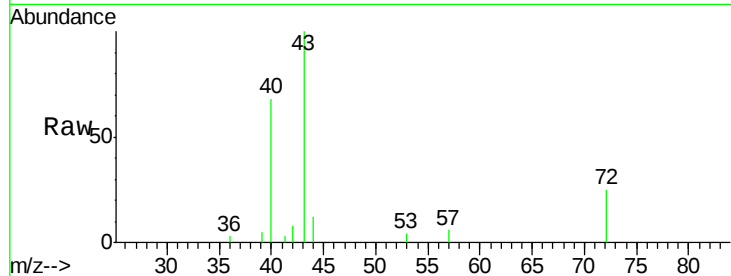
TP-6CD-D

Tot Ion: 43 Resp: 5300

Ion Ratio Lower Upper

43 100

72 24.6 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 52.171 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007908.D

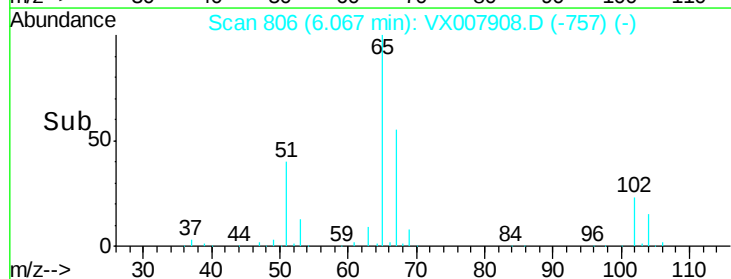
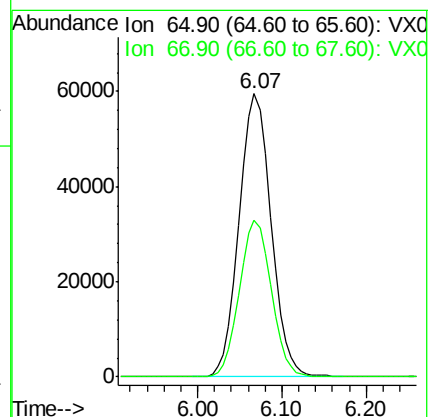
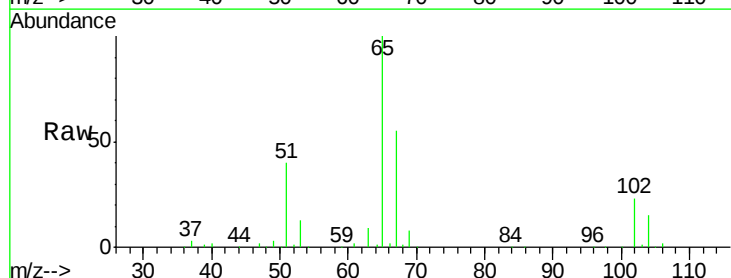
Acq: 08 Mar 2019 02:57

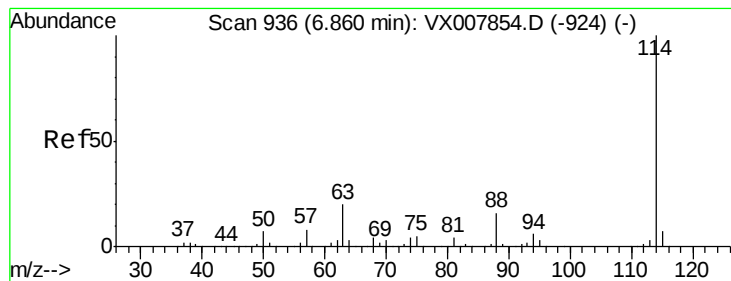
Tgt Ion: 65 Resp: 152926

Ion Ratio Lower Upper

65 100

67 55.4 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007908.D

Acq: 08 Mar 2019 02:57

Instrument :

MSVOA_X

ClientSampleId :

TP-6CD-D

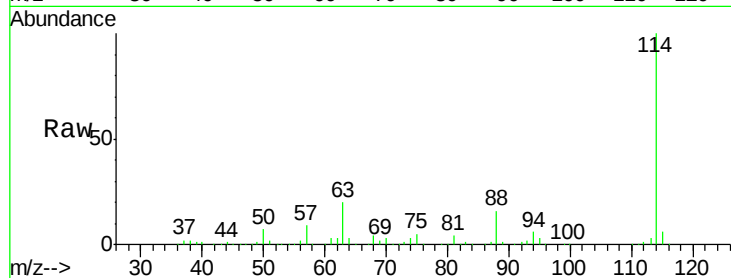
Tot Ion:114 Resp: 433948

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

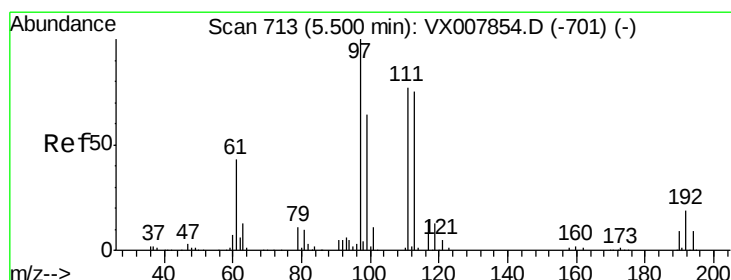
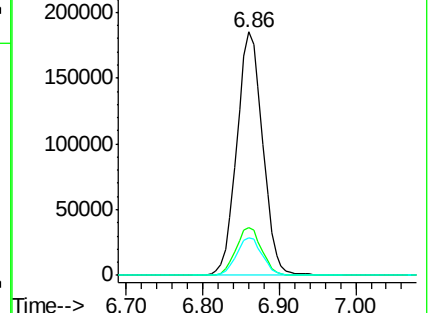
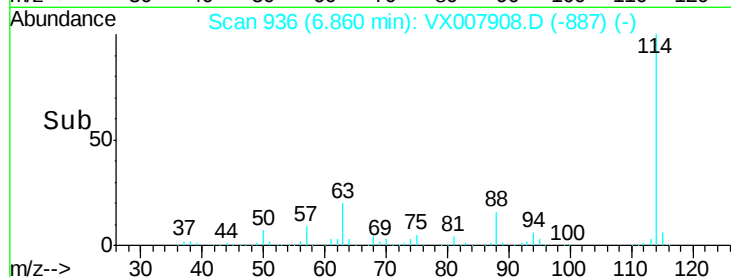
88 15.6 0.0 31.4



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: 51.122 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007908.D

Acq: 08 Mar 2019 02:57

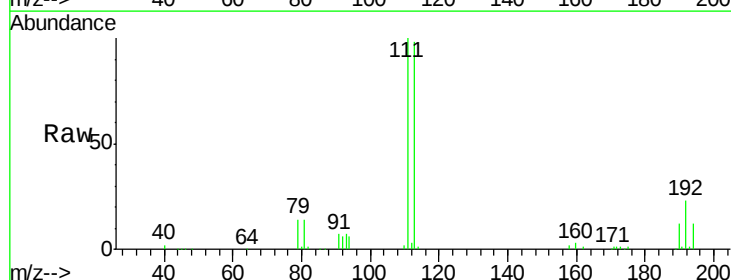
Tgt Ion:113 Resp: 141905

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

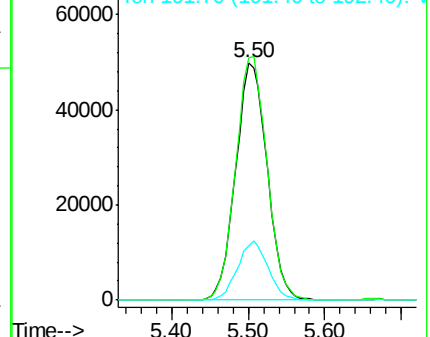
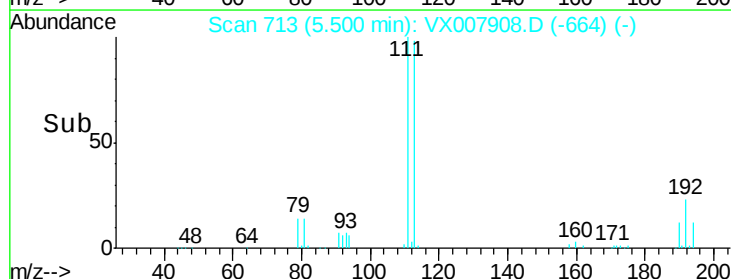
192 24.2 19.4 29.0

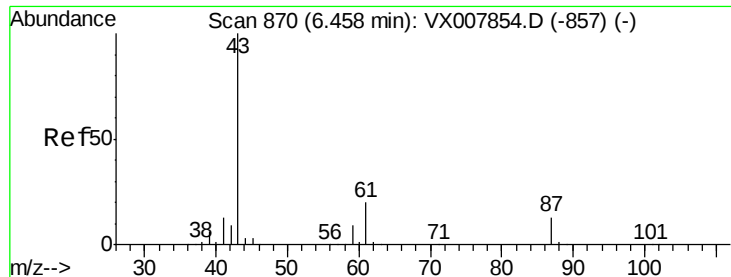


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.244 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007908.D

Acq: 08 Mar 2019 02:57

Instrument :

MSVOA_X

ClientSampleId :

TP-6CD-D

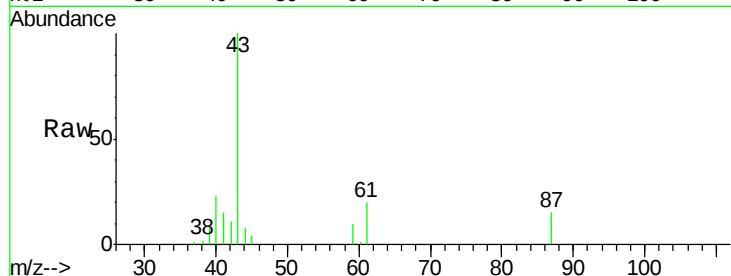
Tot Ion: 43 Resp: 15487

Ion Ratio Lower Upper

43 100

61 21.1 16.3 24.5

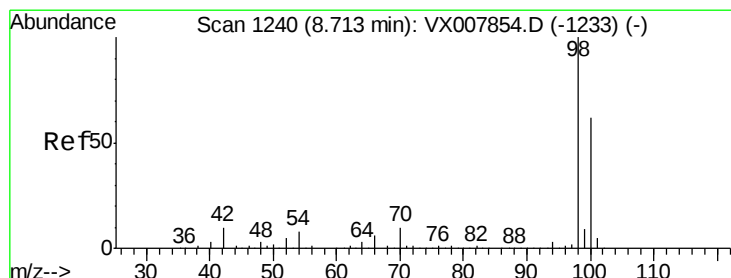
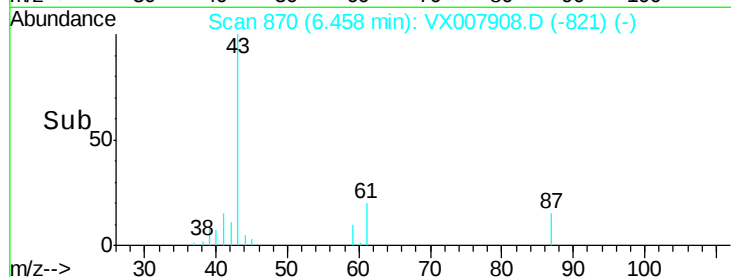
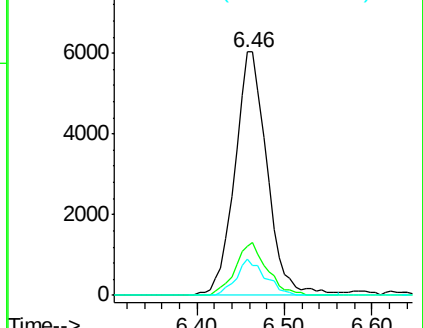
87 13.3 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 53.225 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007908.D

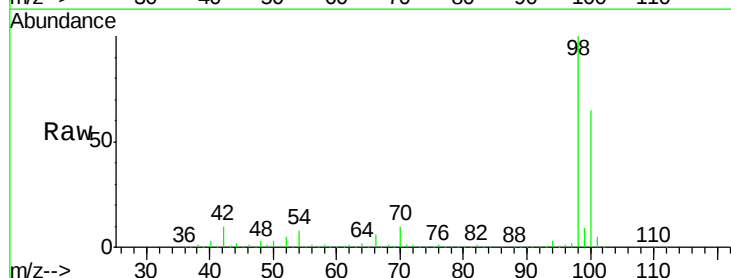
Acq: 08 Mar 2019 02:57

Tgt Ion: 98 Resp: 542591

Ion Ratio Lower Upper

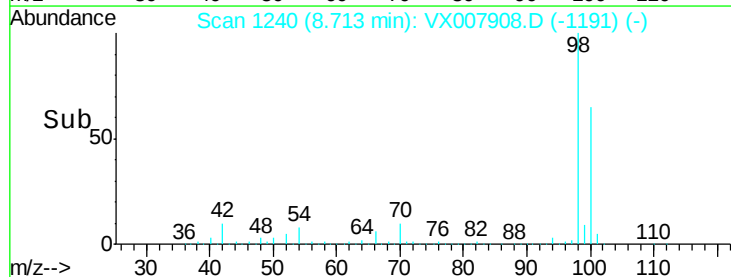
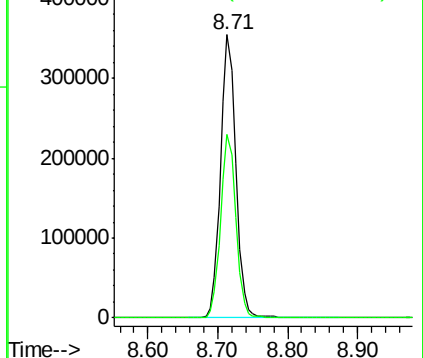
98 100

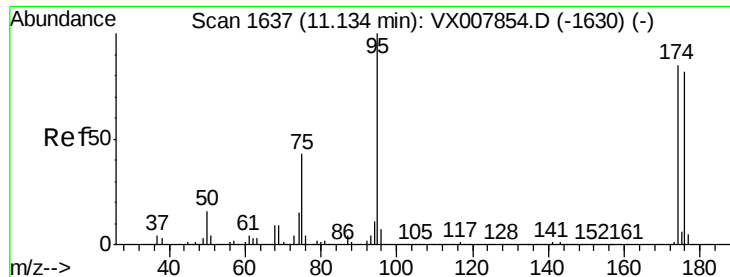
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

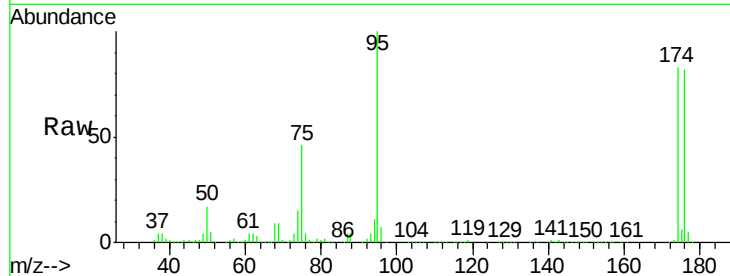




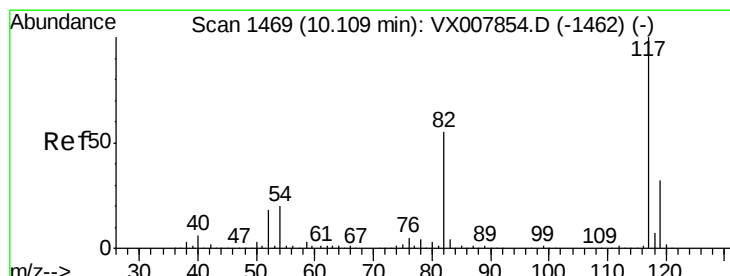
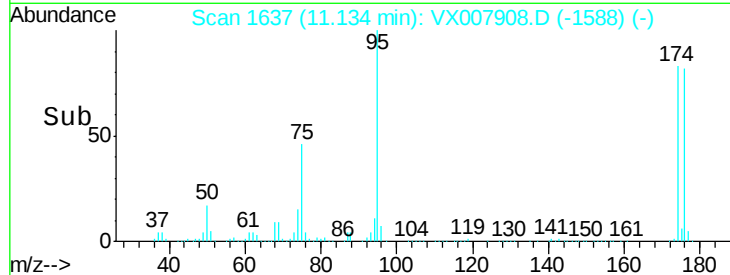
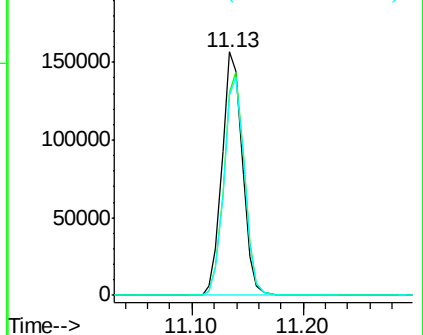
#62
4-Bromofluorobenzene
Concen: 55.815 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007908.D
Acq: 08 Mar 2019 02:57

Instrument :
MSVOA_X
ClientSampleId :
TP-6CD-D

Tot Ion: 95 Resp: 199491
Ion Ratio Lower Upper
95 100
174 91.7 0.0 182.8
176 89.7 0.0 178.0

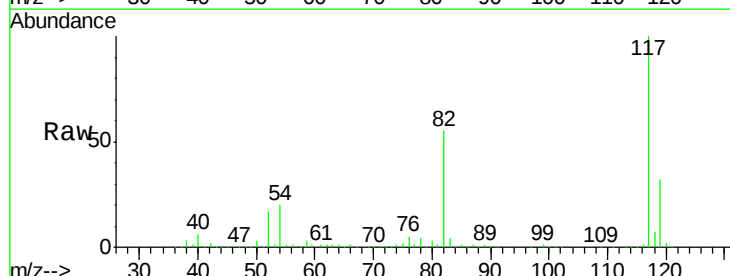


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

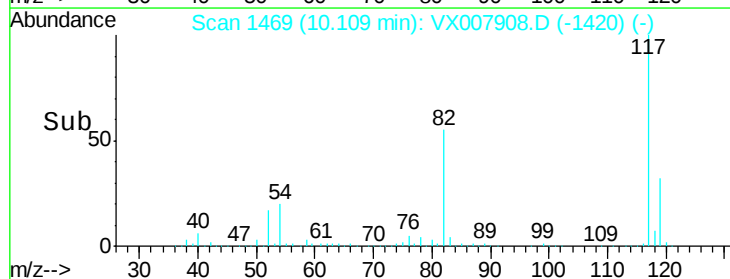
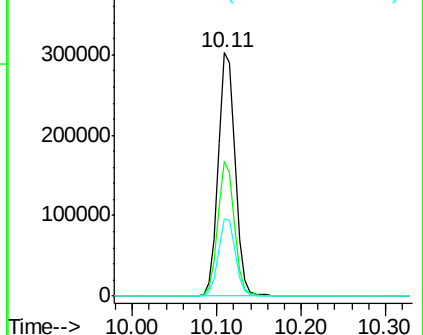


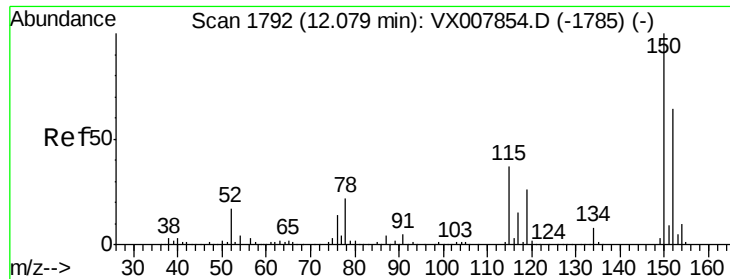
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007908.D
Acq: 08 Mar 2019 02:57

Tgt Ion: 117 Resp: 425161
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 31.8 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007908.D

Acq: 08 Mar 2019 02:57

Instrument :

MSVOA_X

ClientSampleId :

TP-6CD-D

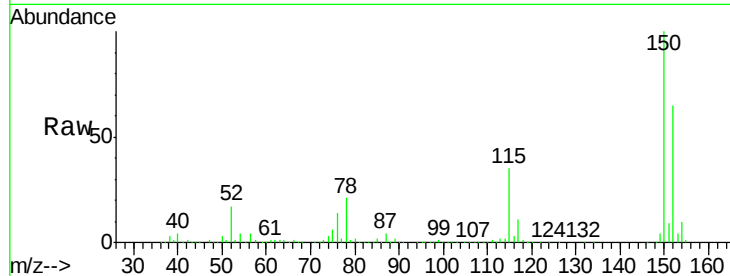
Tot Ion:152 Resp: 206984

Ion Ratio Lower Upper

152 100

115 54.8 38.6 115.7

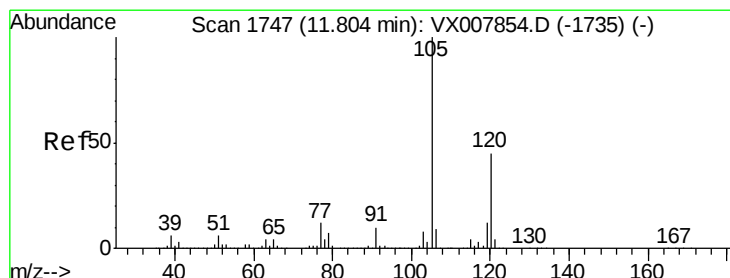
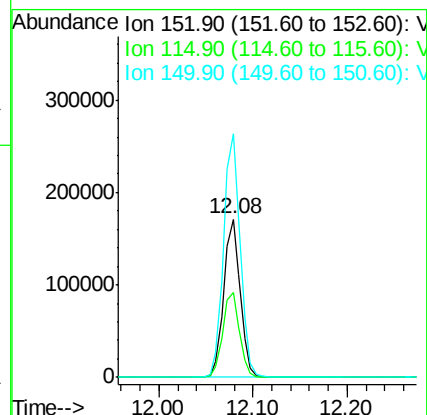
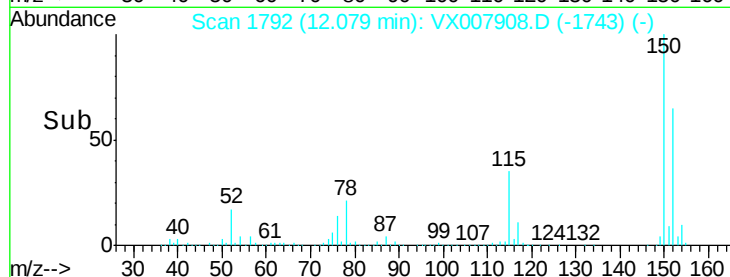
150 155.6 0.0 348.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.069 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007908.D

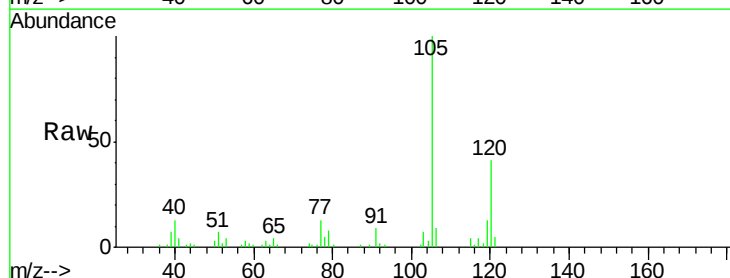
Acq: 08 Mar 2019 02:57

Tgt Ion:105 Resp: 12632

Ion Ratio Lower Upper

105 100

120 42.9 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

