

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020619\
 Data File : VX007396.D
 Acq On : 06 Feb 2019 13:44
 Operator : JC/SP
 Sample : K1380-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS035-190204

Quant Time: Feb 07 01:01:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

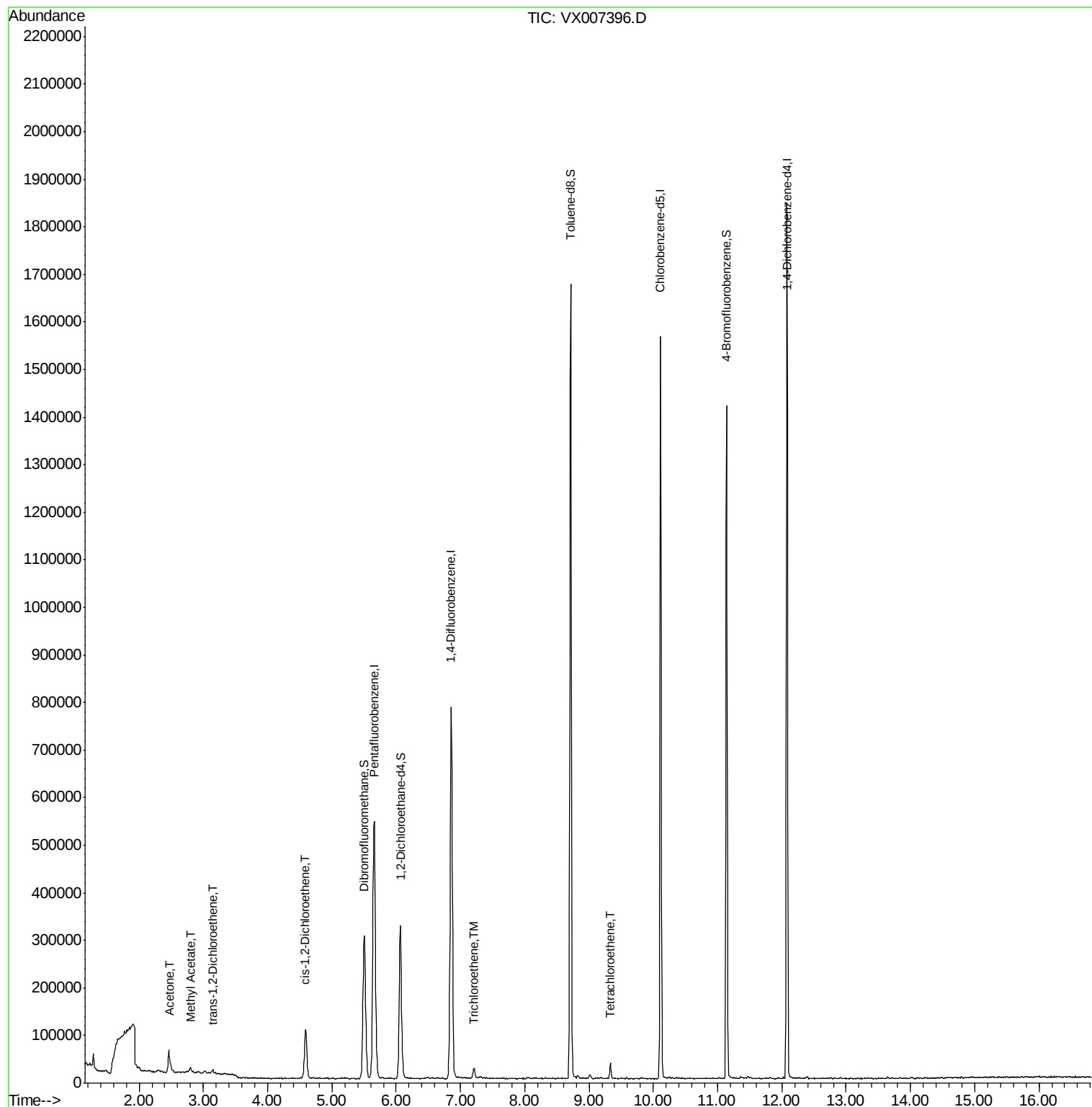
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	571824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	849487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	773137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	389108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	296567	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
35) Dibromofluoromethane	5.51	113	256496	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	8.71	98	1008833	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.14	95	348782	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
Target Compounds						
					Qvalue	
16) Acetone	2.48	43	15580	5.604	ug/l #	81
18) Methyl Acetate	2.80	43	10209	1.986	ug/l #	84
21) trans-1,2-Dichloroethene	3.14	96	2876	0.494	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	70767	11.140	ug/l	90
44) Trichloroethene	7.21	130	7903	1.169	ug/l	95
64) Tetrachloroethene	9.34	164	7341	1.007	ug/l	94

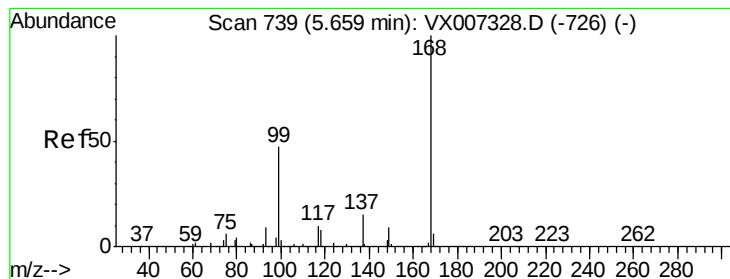
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007396.D

Acq: 06 Feb 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

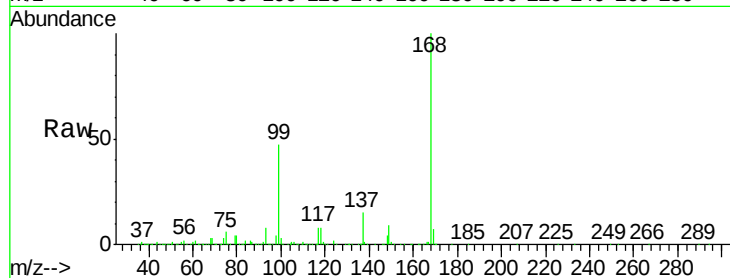
KY038PS035-190204

Tot Ion:168 Resp: 571824

Ion Ratio Lower Upper

168 100

99 47.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

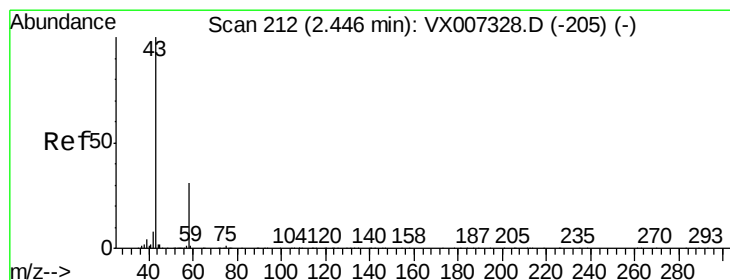
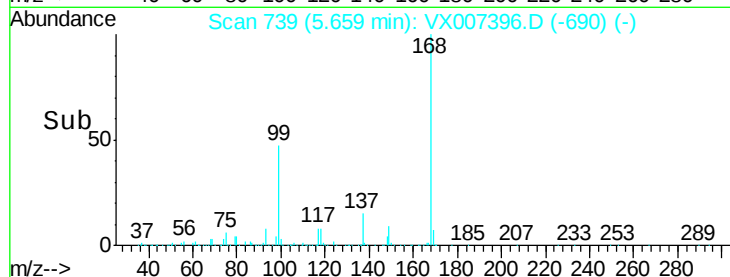
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.604 ug/l

RT: 2.48 min Scan# 218

Delta R.T. 0.04 min

Lab File: VX007396.D

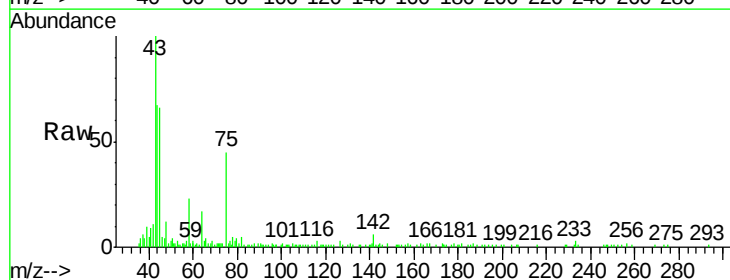
Acq: 06 Feb 2019 13:44

Tgt Ion: 43 Resp: 15580

Ion Ratio Lower Upper

43 100

58 20.7 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.48

8000

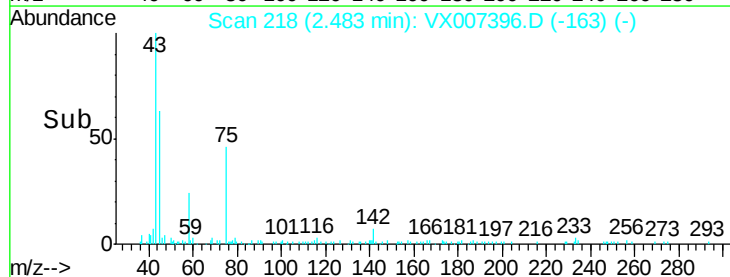
6000

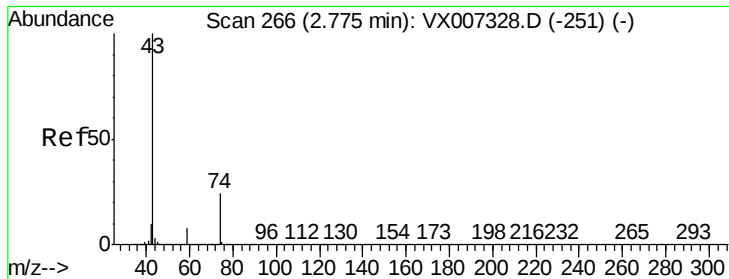
4000

2000

0

Time-->

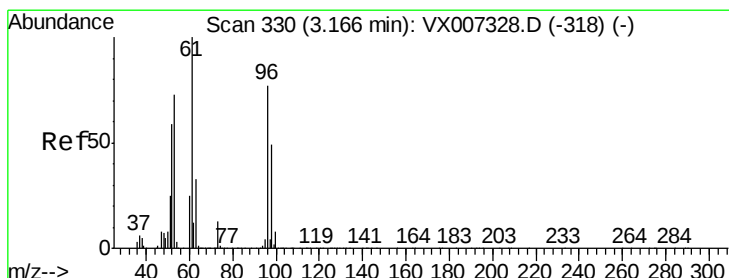
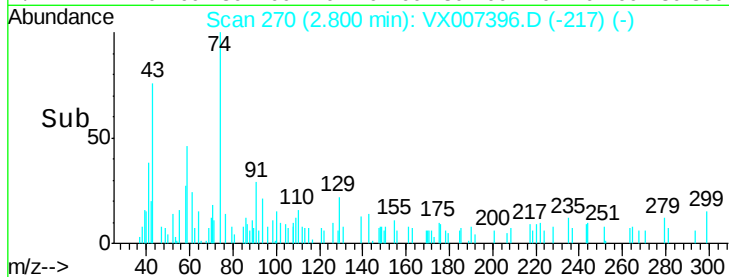
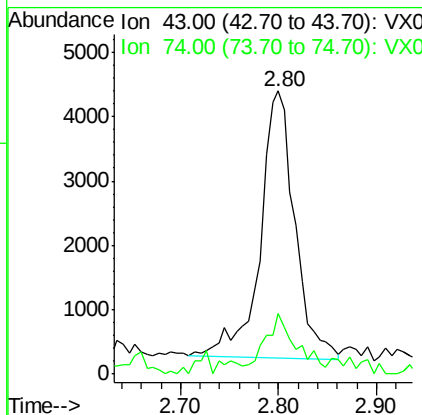
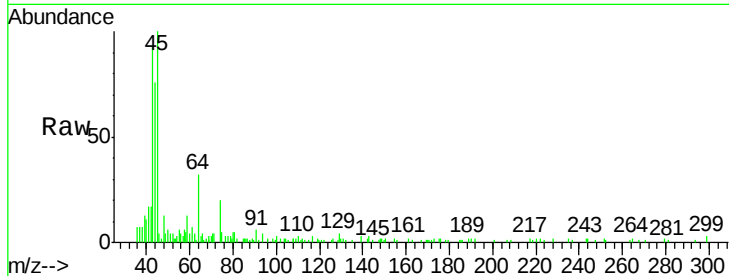




#18
Methyl Acetate
Concen: 1.986 ug/l
RT: 2.80 min Scan# 270
Delta R.T. 0.02 min
Lab File: VX007396.D
Acq: 06 Feb 2019 13:44

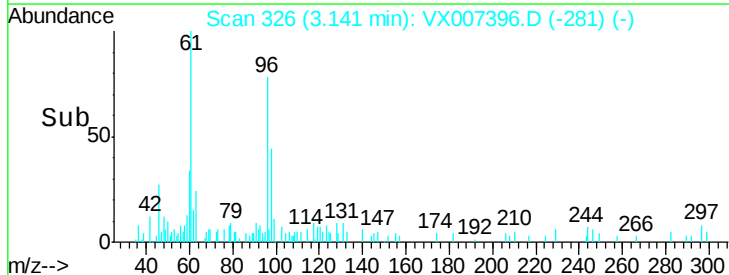
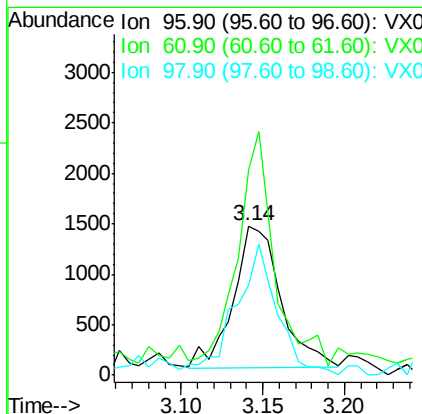
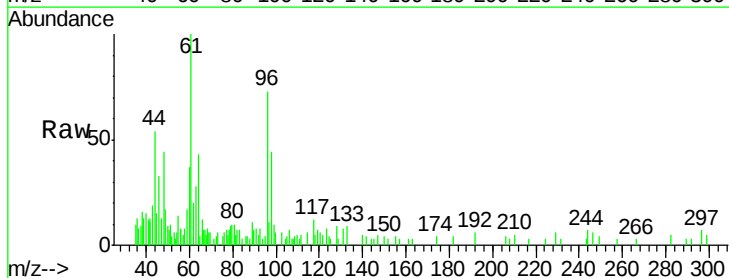
Instrument :
MSVOA_X
ClientSampleId :
KY038PS035-190204

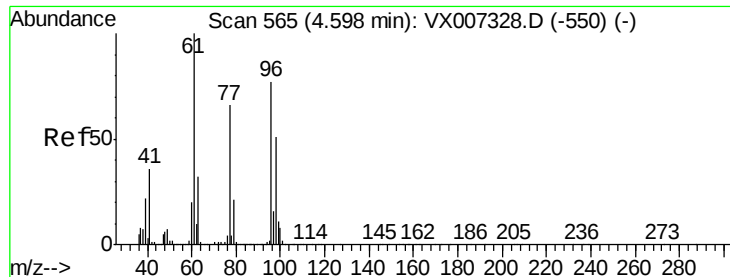
Tot Ion: 43 Resp: 10209
Ion Ratio Lower Upper
43 100
74 16.4 19.4 29.2#



#21
trans-1,2-Dichloroethene
Concen: 0.494 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.02 min
Lab File: VX007396.D
Acq: 06 Feb 2019 13:44

Tgt Ion: 96 Resp: 2876
Ion Ratio Lower Upper
96 100
61 134.2 104.6 156.8
98 64.0 51.0 76.4



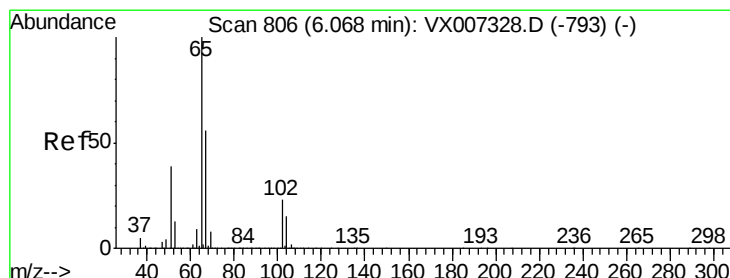
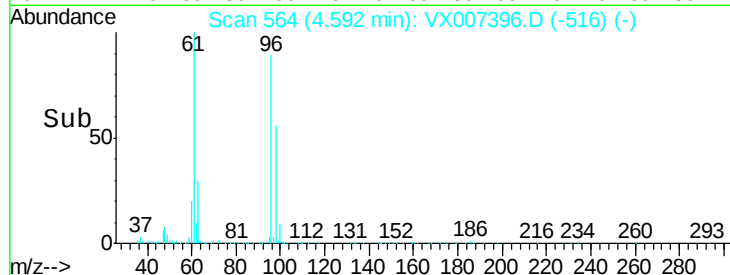
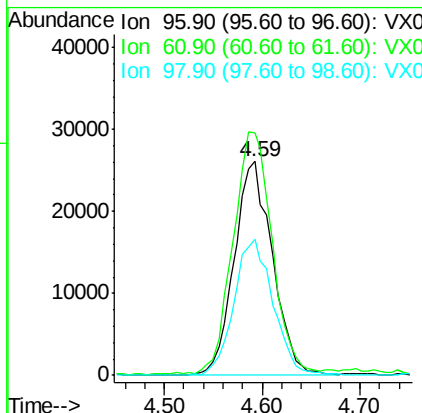
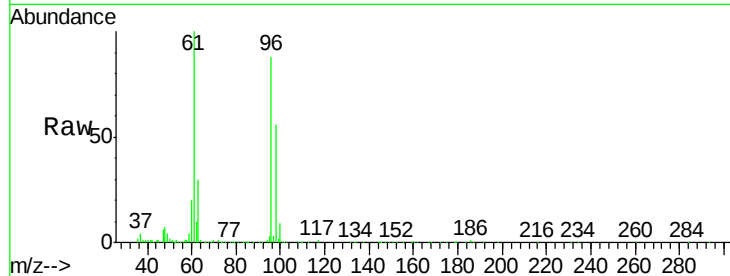


#27

cis-1,2-Dichloroethene
 Concen: 11.140 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX007396.D
 Acq: 06 Feb 2019 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS035-190204

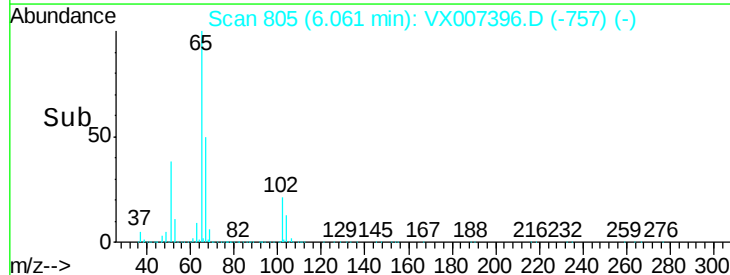
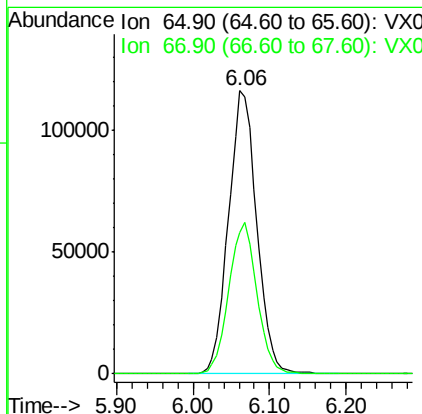
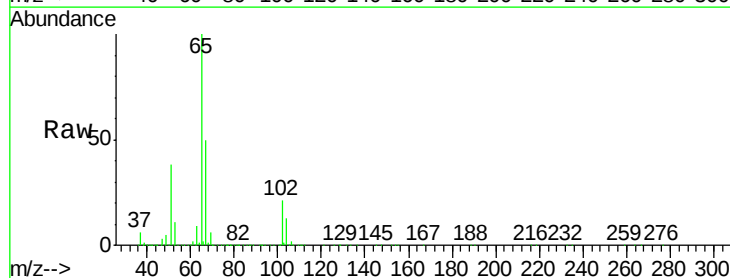
Tot Ion	96	Resp	70767
Ion	Ratio	Lower	Upper
96	100		
61	116.0	0.0	265.6
98	65.1	0.0	131.6

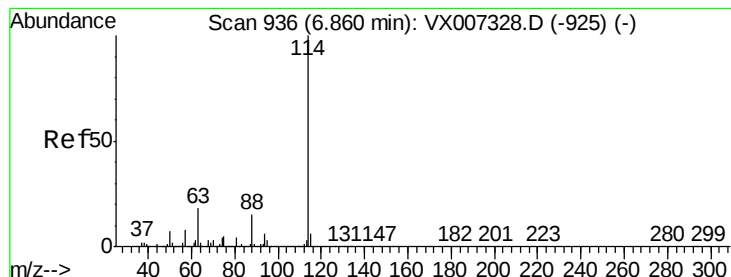


#33

1,2-Dichloroethane-d4
 Concen: 48.862 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007396.D
 Acq: 06 Feb 2019 13:44

Tgt Ion	65	Resp	296567
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007396.D

Acq: 06 Feb 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

KY038PS035-190204

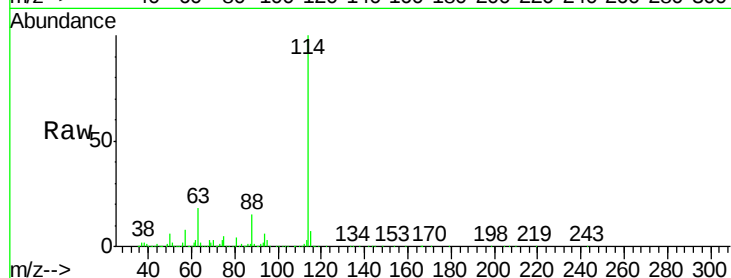
Tot Ion:114 Resp: 849487

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

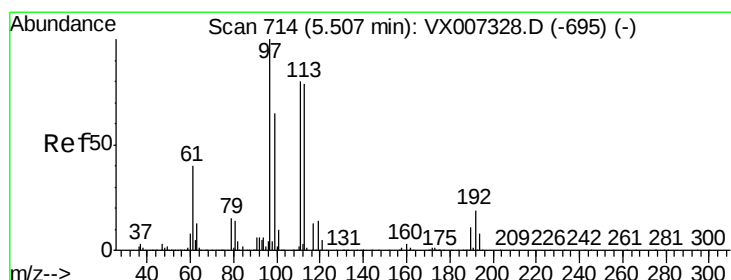
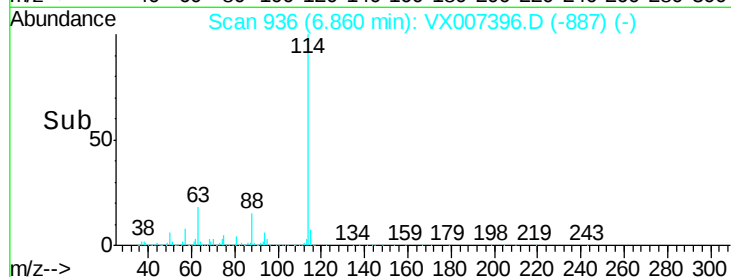
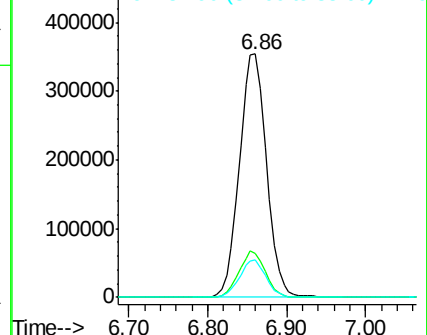
88 15.3 0.0 29.6



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: 46.405 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007396.D

Acq: 06 Feb 2019 13:44

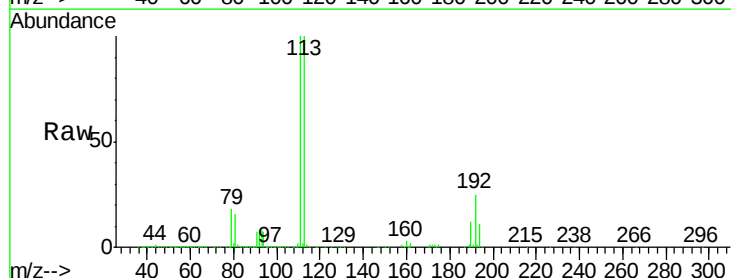
Tgt Ion:113 Resp: 256496

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

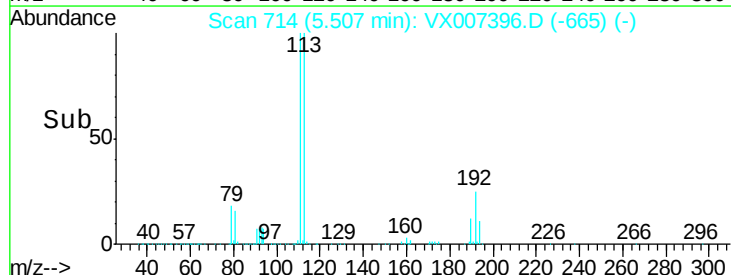
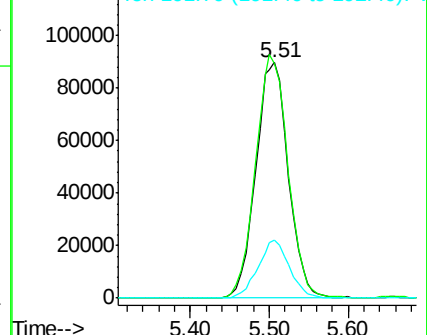
192 23.6 18.5 27.7

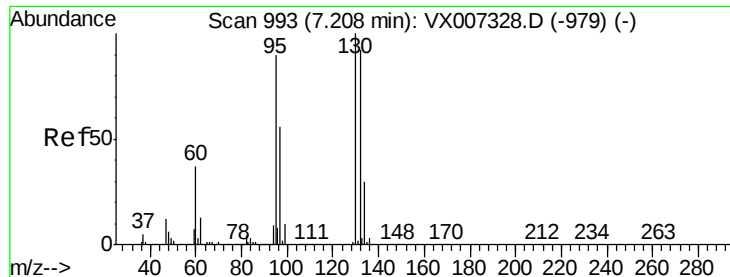


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.169 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX007396.D

Acq: 06 Feb 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

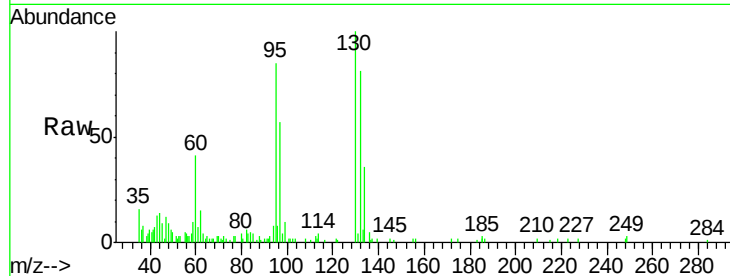
KY038PS035-190204

Tot Ion:130 Resp: 7903

Ion Ratio Lower Upper

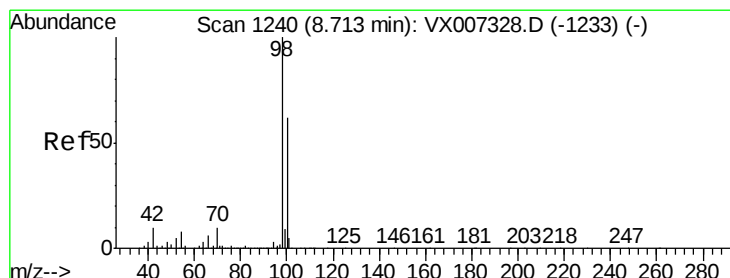
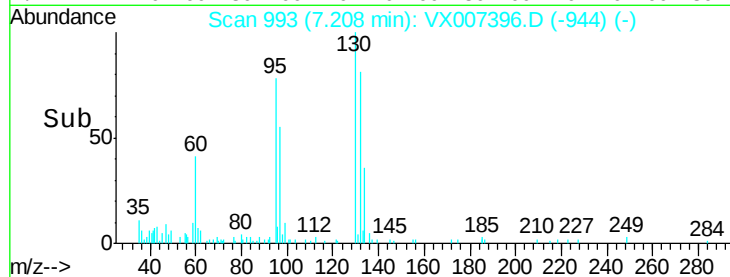
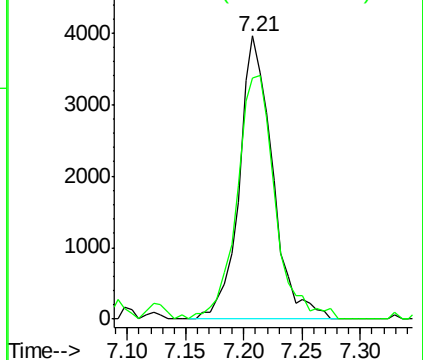
130 100

95 85.3 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.194 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007396.D

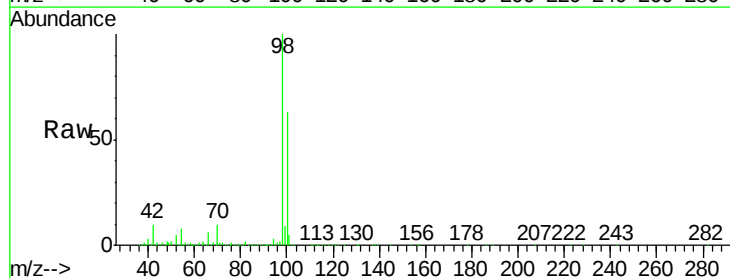
Acq: 06 Feb 2019 13:44

Tgt Ion: 98 Resp: 1008833

Ion Ratio Lower Upper

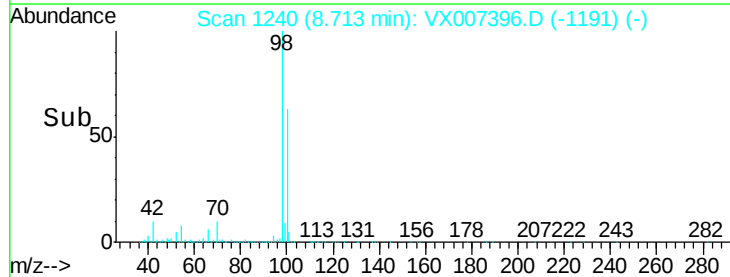
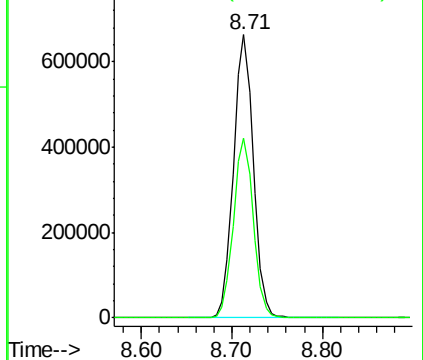
98 100

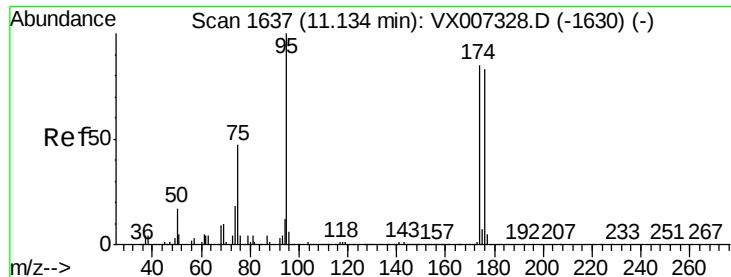
100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.584 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007396.D

Acq: 06 Feb 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

KY038PS035-190204

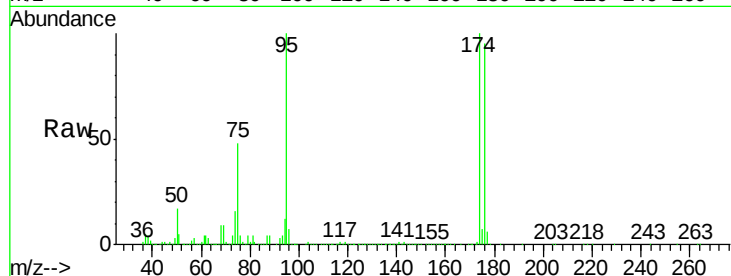
Tot Ion: 95 Resp: 348782

Ion Ratio Lower Upper

95 100

174 96.4 0.0 189.2

176 92.9 0.0 186.2

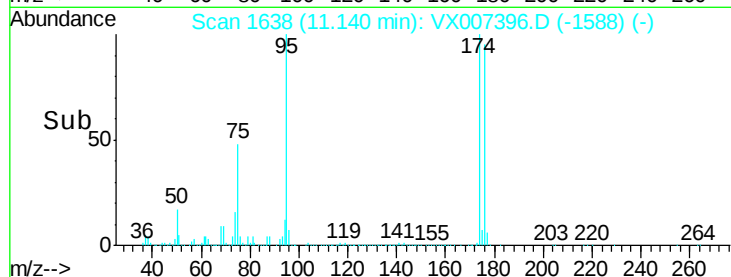


Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)

Time--> 11.00 11.10 11.20

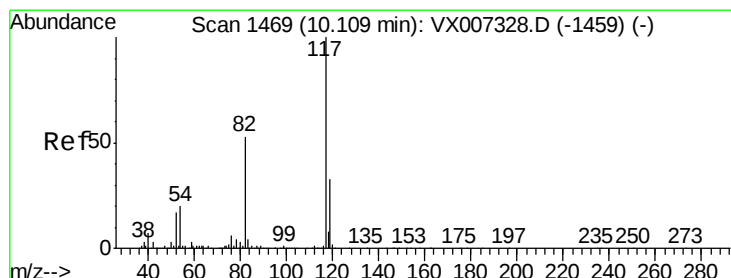


Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)

Time--> 11.00 11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007396.D

Acq: 06 Feb 2019 13:44

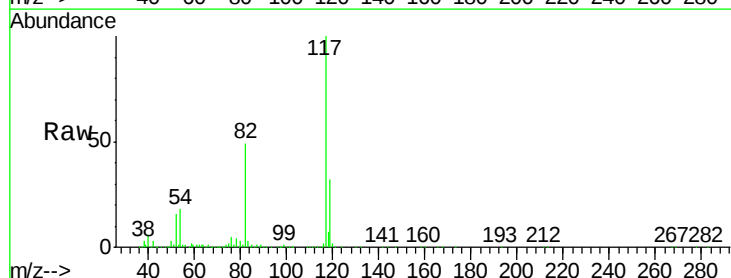
Tgt Ion: 117 Resp: 773137

Ion Ratio Lower Upper

117 100

82 49.2 42.1 63.1

119 32.4 26.5 39.7

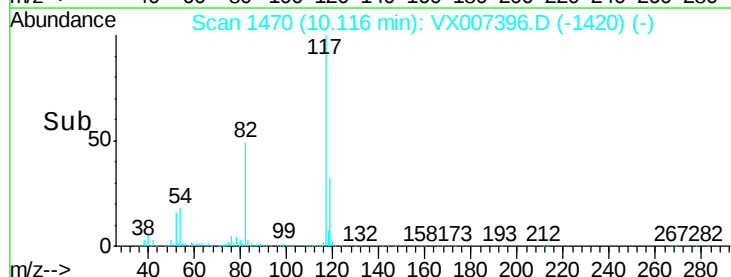


Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)

Time--> 10.00 10.10 10.20 10.30

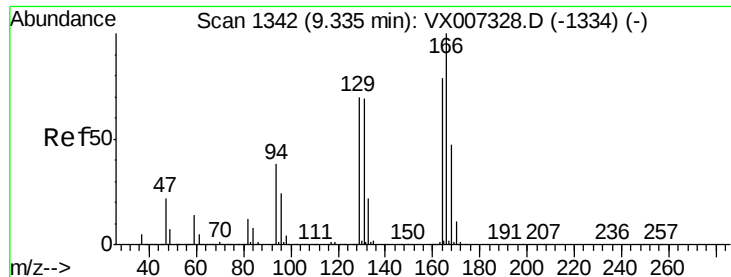


Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)

Time--> 10.00 10.10 10.20 10.30



#64

Tetrachloroethene

Concen: 1.007 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007396.D

Acq: 06 Feb 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

KY038PS035-190204

Tot Ion:164 Resp: 7341

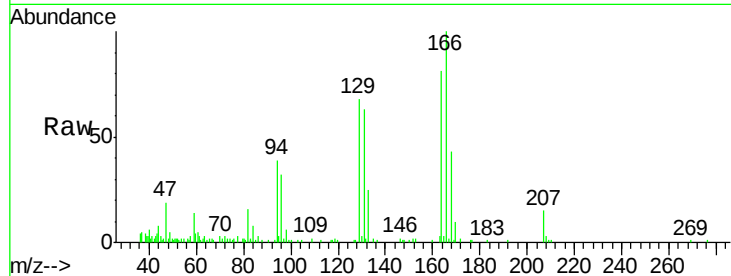
Ion Ratio Lower Upper

164 100

166 123.3 101.0 151.4

129 82.4 70.5 105.7

131 77.7 69.8 104.6

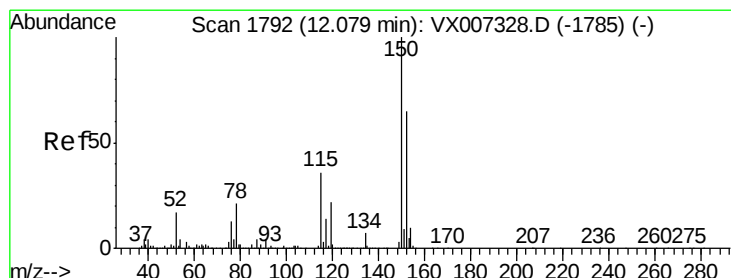
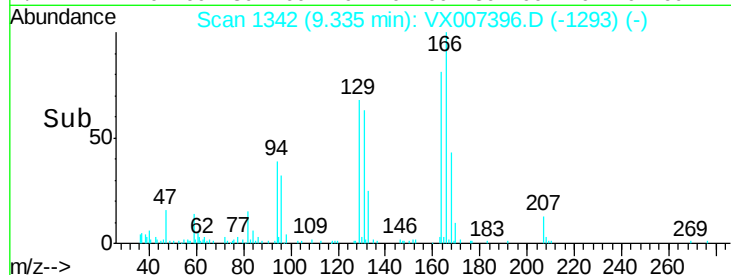
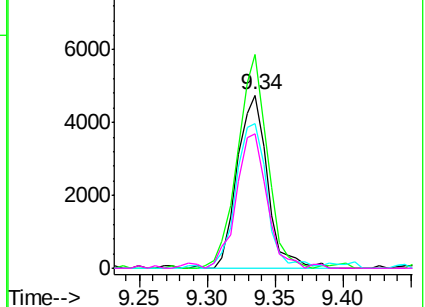


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX007396.D

Acq: 06 Feb 2019 13:44

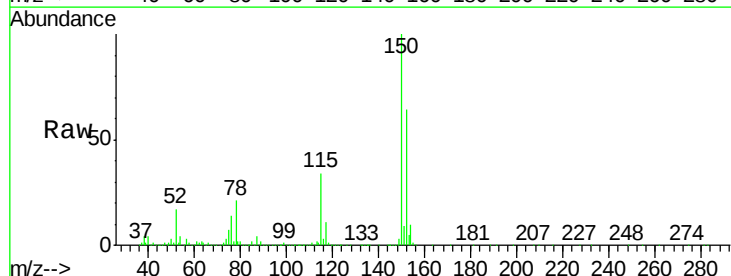
Tgt Ion:152 Resp: 389108

Ion Ratio Lower Upper

152 100

115 53.7 38.0 114.0

150 155.2 0.0 346.4



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

