

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016661.D
 Acq On : 09 Jun 2020 14:08
 Operator : JC/SP
 Sample : L2949-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jun 10 05:49:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

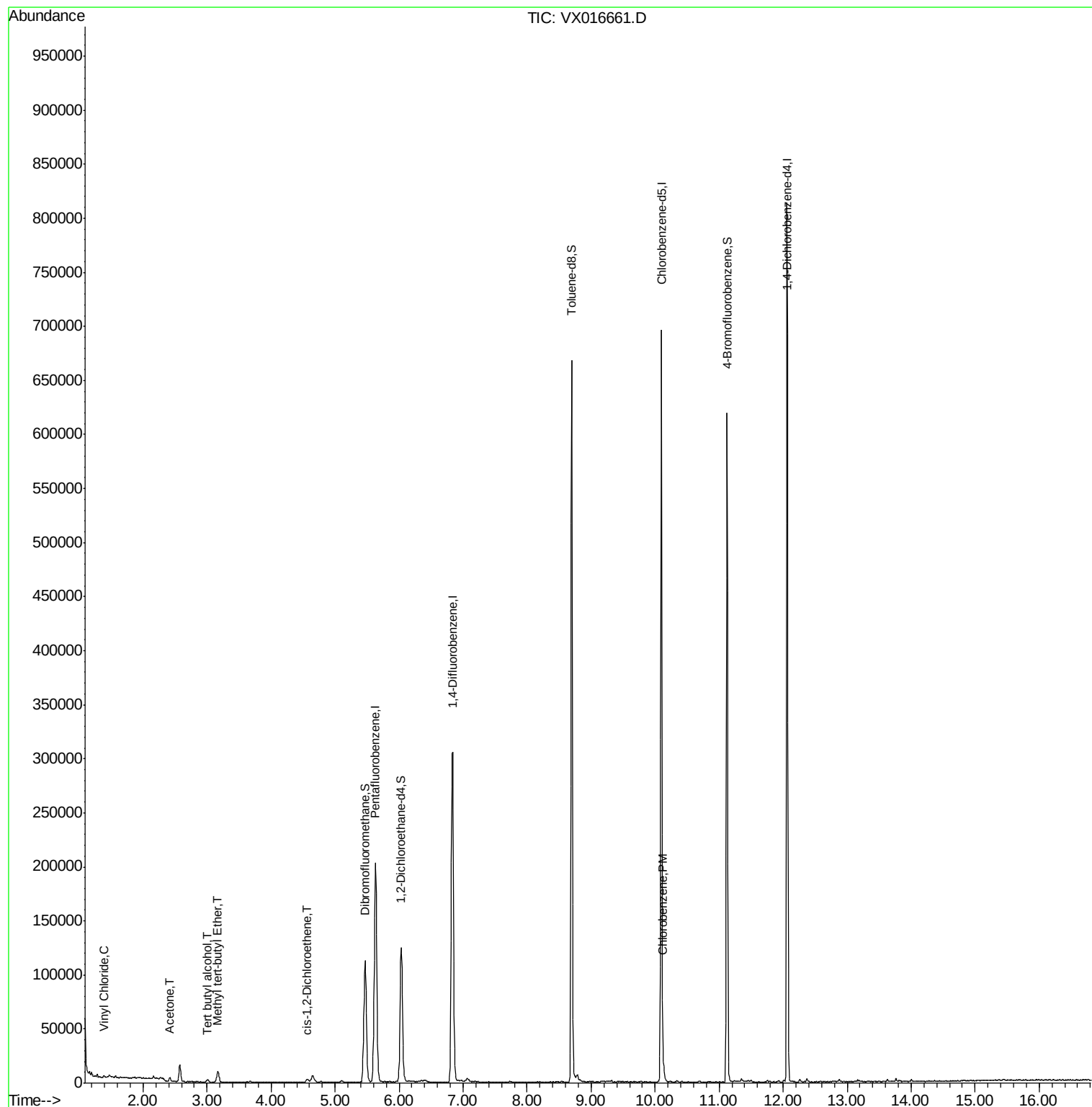
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	201512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	322310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	330197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	121543	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	5.46	113	98256	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.70	98	395670	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.12	95	160170	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	842	0.332	ug/l #	88
11) Tert butyl alcohol	3.00	59	2420	3.771	ug/l	99
16) Acetone	2.42	43	4040	3.685	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	11883	1.707	ug/l	92
27) cis-1,2-Dichloroethene	4.56	96	2214	0.892	ug/l	82
65) Chlorobenzene	10.12	112	3663	0.544	ug/l	94

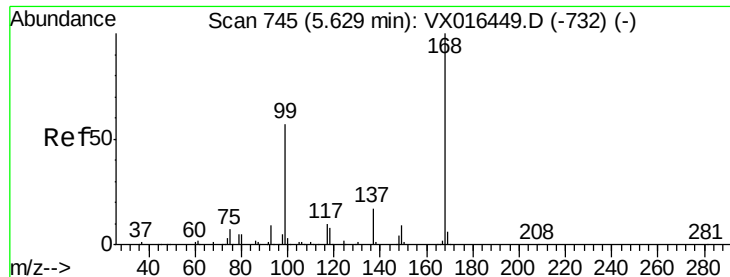
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016661.D

Acq: 09 Jun 2020 14:08

Instrument :

MSVOA_X

ClientSampled :

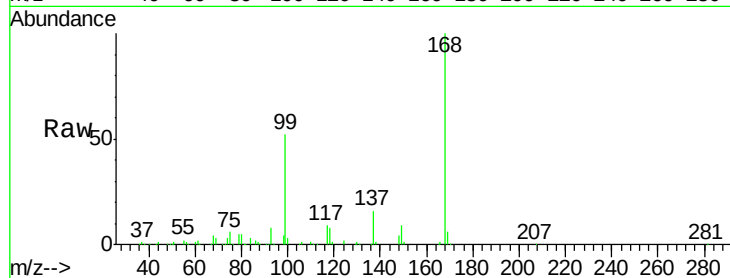
MW-2

Tot Ion:168 Resp: 201512

Ion Ratio Lower Upper

168 100

99 52.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

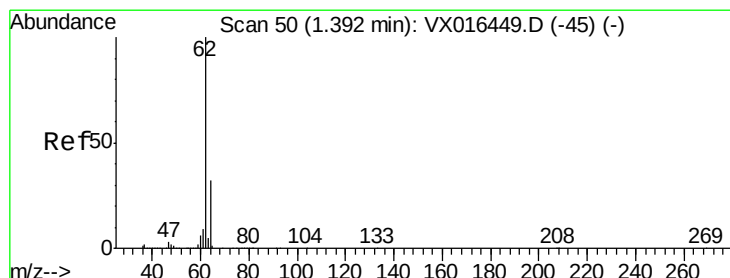
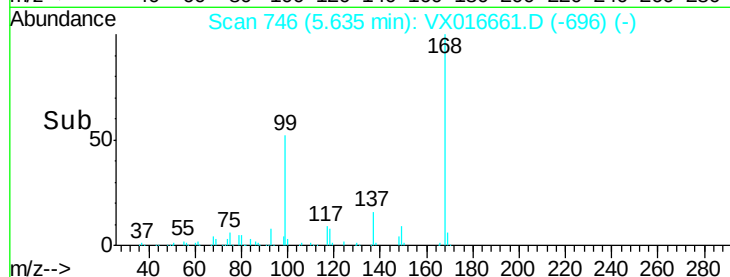
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.332 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016661.D

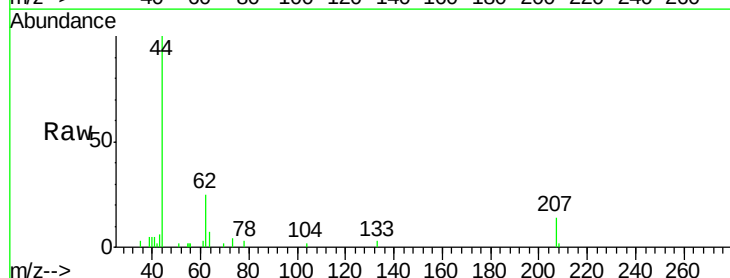
Acq: 09 Jun 2020 14:08

Tgt Ion: 62 Resp: 842

Ion Ratio Lower Upper

62 100

64 25.7 25.9 38.9#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

800

600

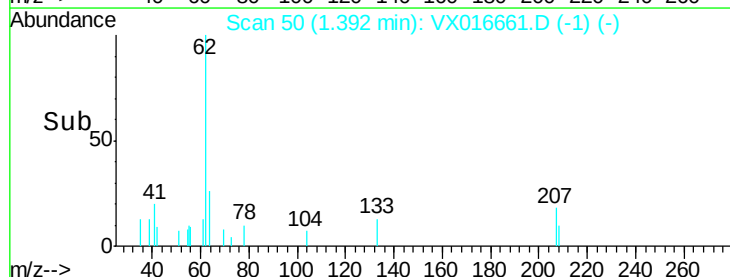
400

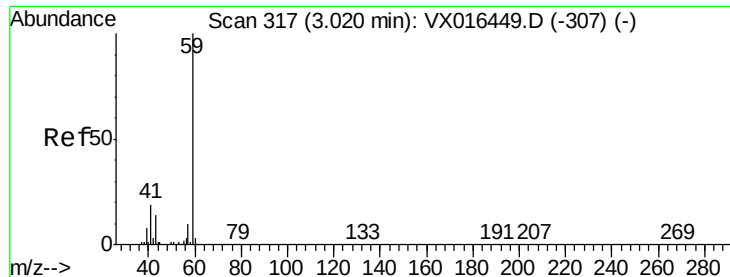
200

0

Time-->

1.35 1.40



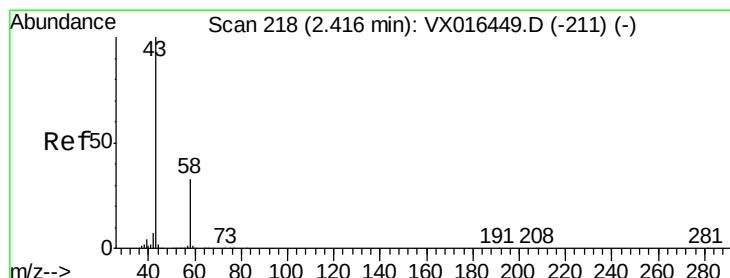
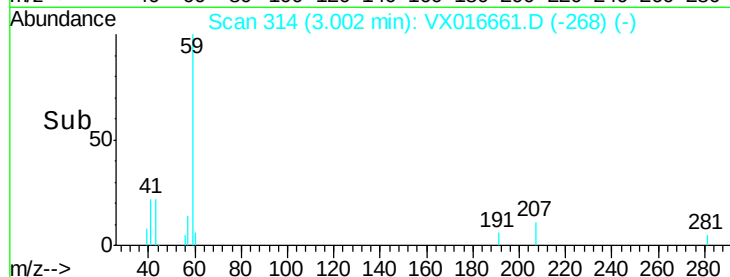
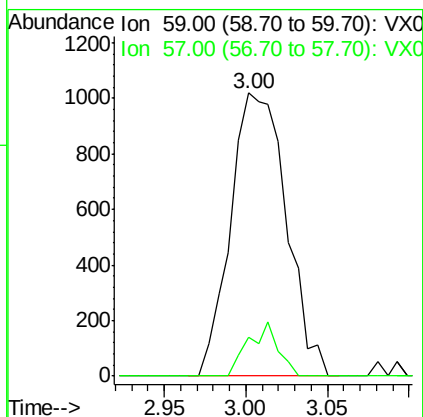
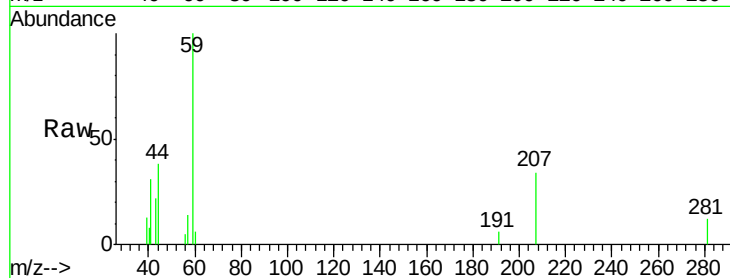


#11

Tert butyl alcohol
 Concen: 3.771 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: VX016661.D
 Acq: 09 Jun 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

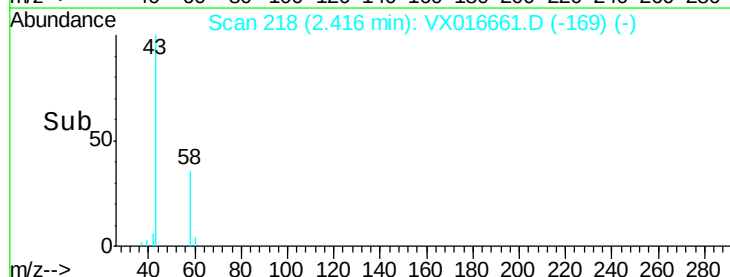
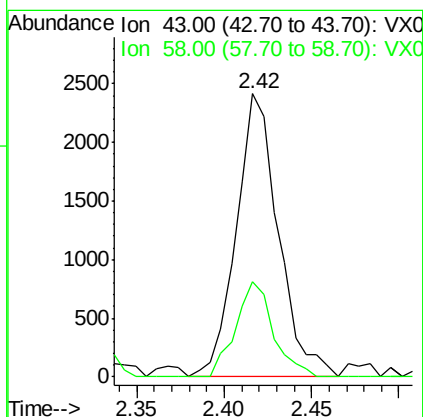
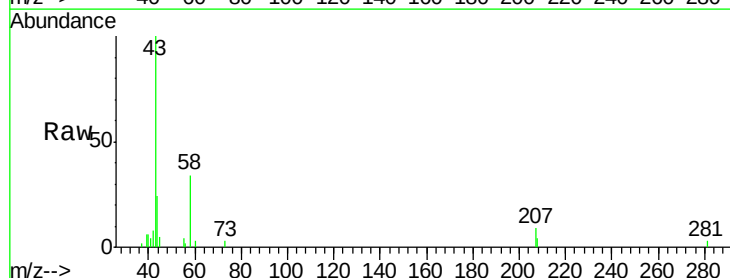
Tot Ion: 59 Resp: 2420
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

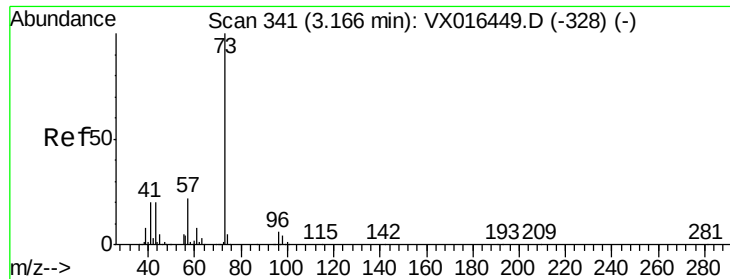


#16

Acetone
 Concen: 3.685 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016661.D
 Acq: 09 Jun 2020 14:08

Tgt Ion: 43 Resp: 4040
 Ion Ratio Lower Upper
 43 100
 58 33.6 26.1 39.1



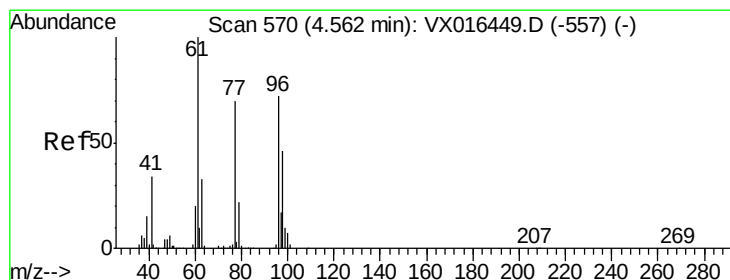
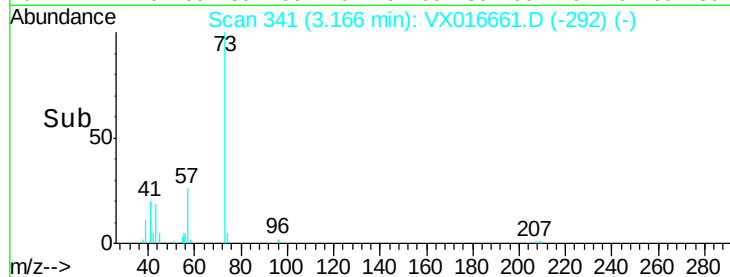
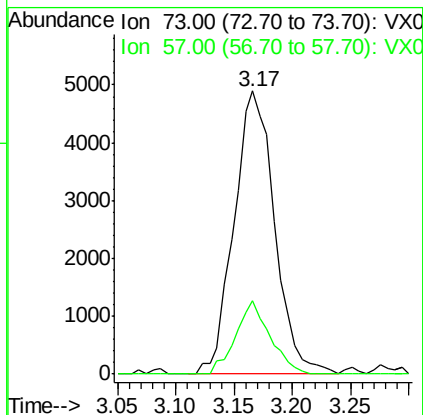
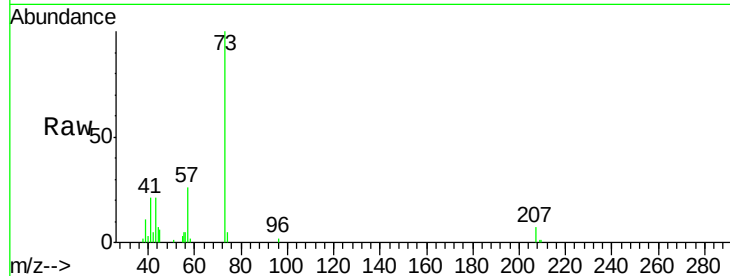


#19

Methyl tert-butyl Ether
 Concen: 1.707 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016661.D
 Acq: 09 Jun 2020 14:08

Instrument :
 MSVOA_X
 ClientSampled :
 MW-2

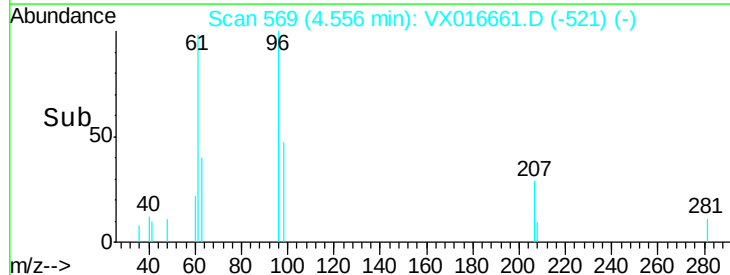
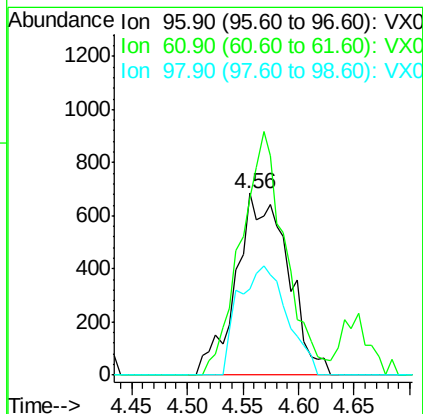
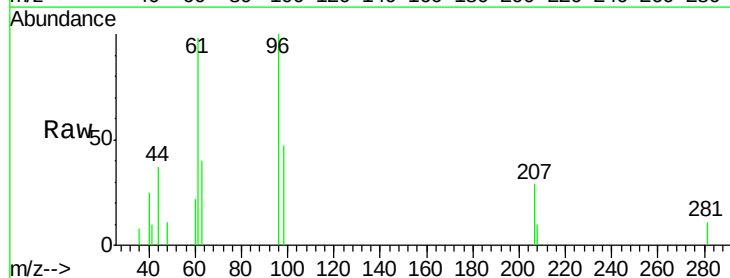
Tot Ion: 73 Resp: 11883
 Ion Ratio Lower Upper
 73 100
 57 25.9 17.8 26.6

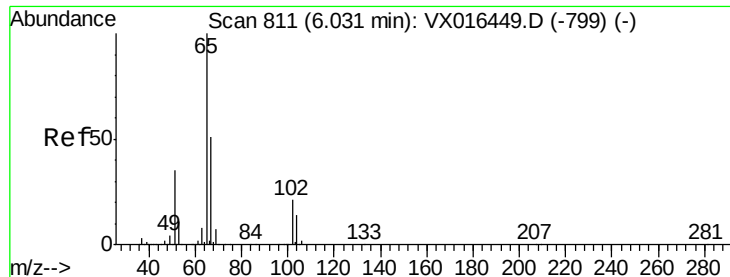


#27

cis-1,2-Dichloroethene
 Concen: 0.892 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX016661.D
 Acq: 09 Jun 2020 14:08

Tgt Ion: 96 Resp: 2214
 Ion Ratio Lower Upper
 96 100
 61 115.2 0.0 284.6
 98 56.2 0.0 127.2

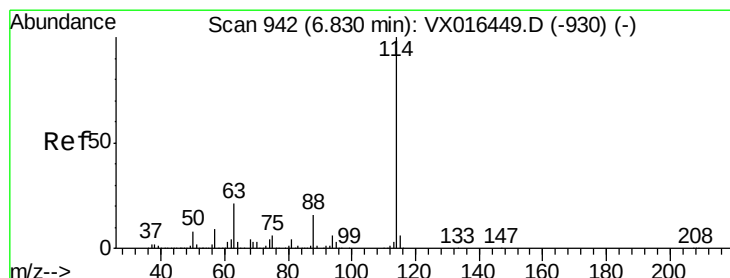
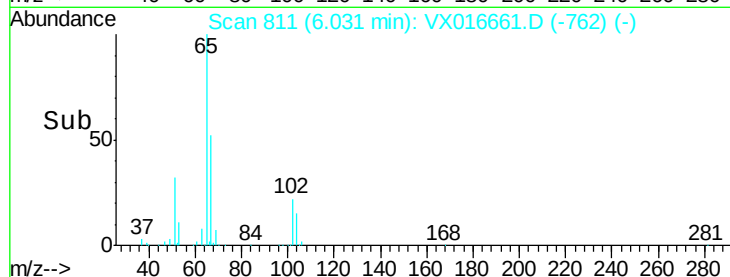
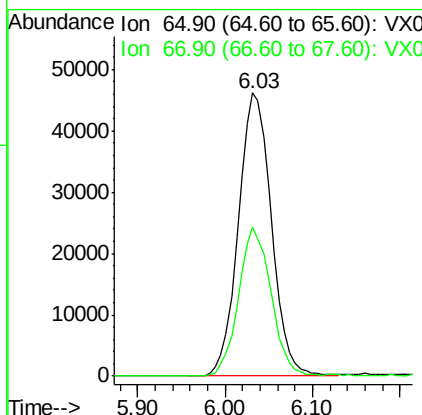
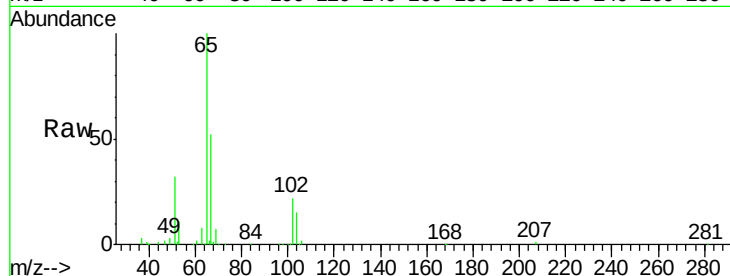




#33
 1,2-Dichloroethane-d4
 Concen: 48.568 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016661.D
 Acq: 09 Jun 2020 14:08

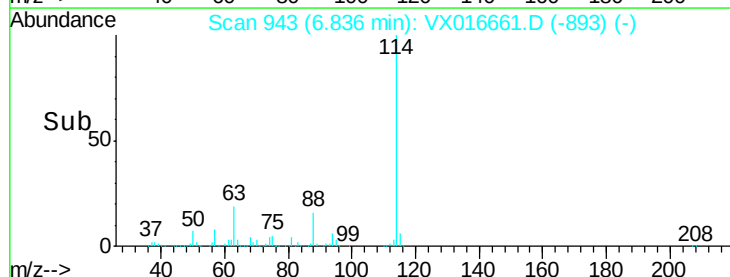
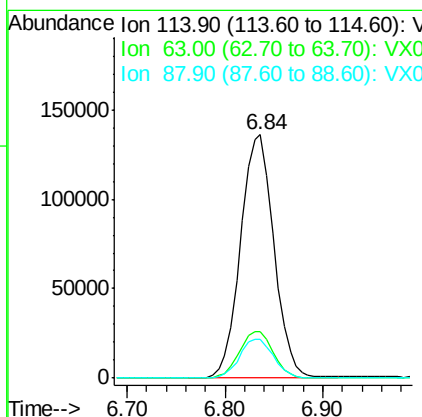
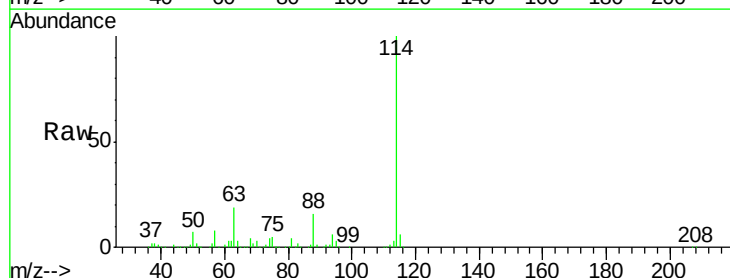
Instrument :
 MSVOA_X
 ClientSampled :
 MW-2

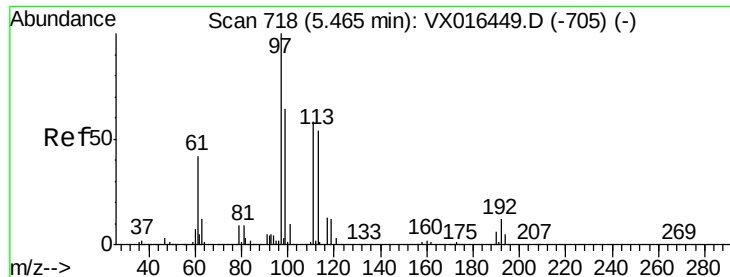
Tot Ion: 65 Resp: 121543
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016661.D
 Acq: 09 Jun 2020 14:08

Tgt Ion: 114 Resp: 322310
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.6
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.509 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016661.D

Acq: 09 Jun 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

MW-2

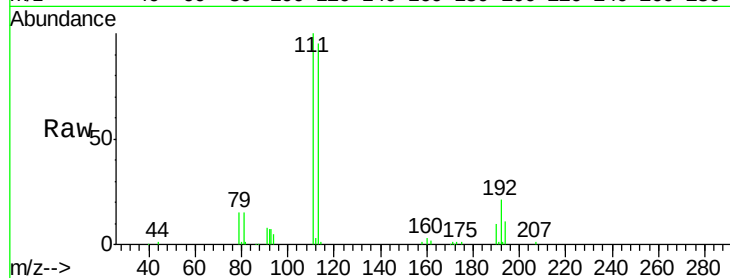
Tot Ion:113 Resp: 98256

Ion Ratio Lower Upper

113 100

111 104.2 83.0 124.6

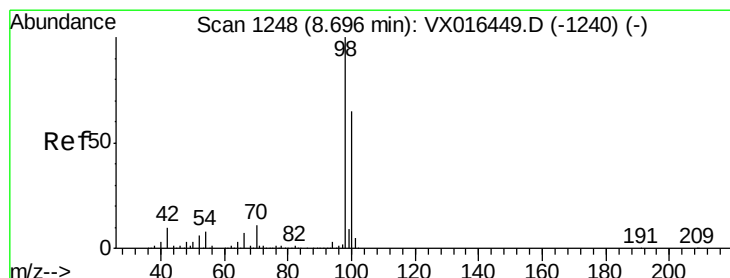
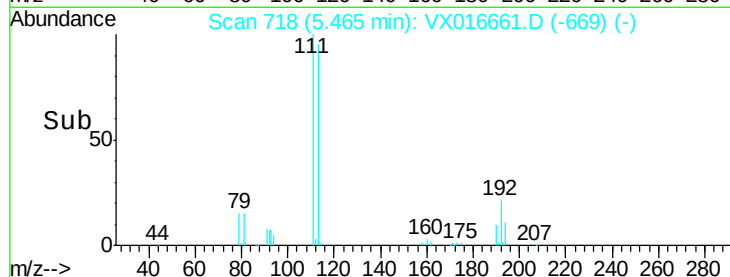
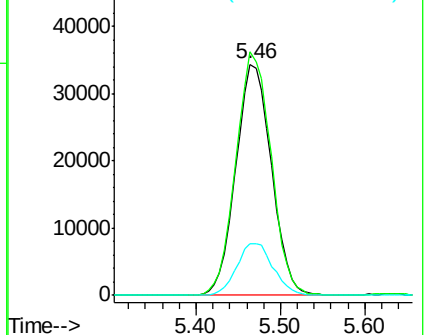
192 22.9 17.7 26.5



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



#50

Toluene-d8

Concen: 51.223 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016661.D

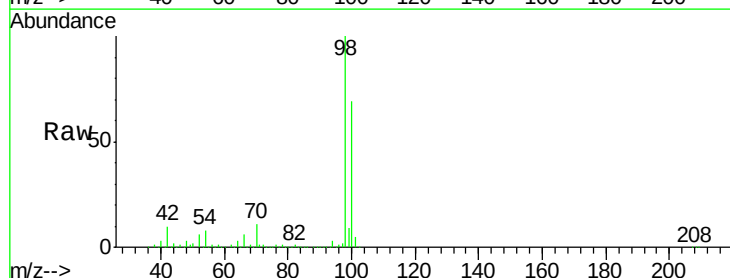
Acq: 09 Jun 2020 14:08

Tgt Ion: 98 Resp: 395670

Ion Ratio Lower Upper

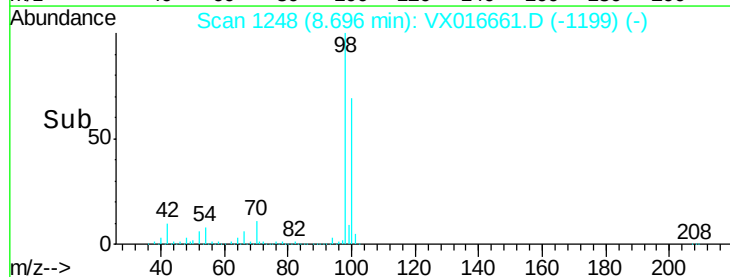
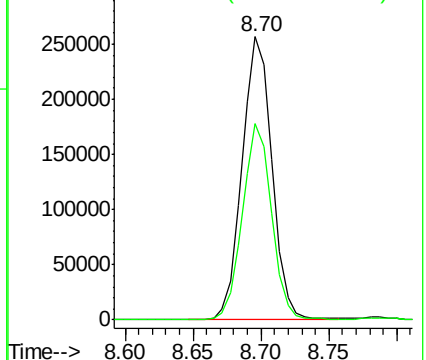
98 100

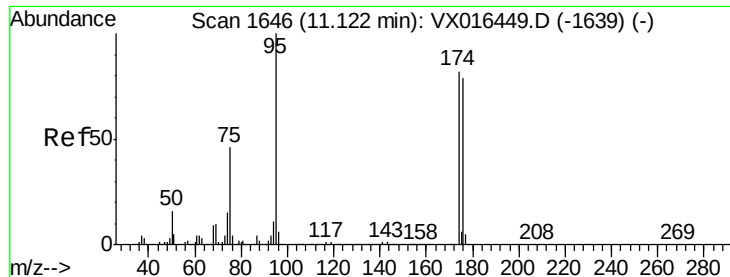
100 67.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.663 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016661.D

Acq: 09 Jun 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

MW-2

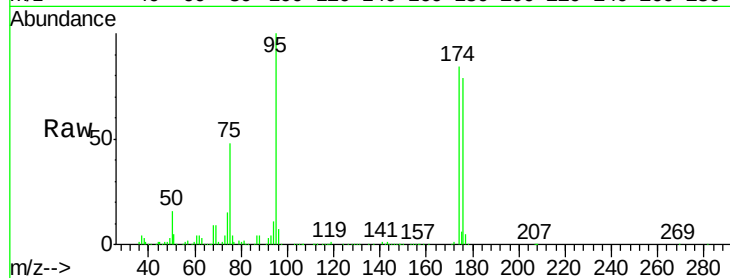
Tot Ion: 95 Resp: 160170

Ion Ratio Lower Upper

95 100

174 86.5 0.0 163.0

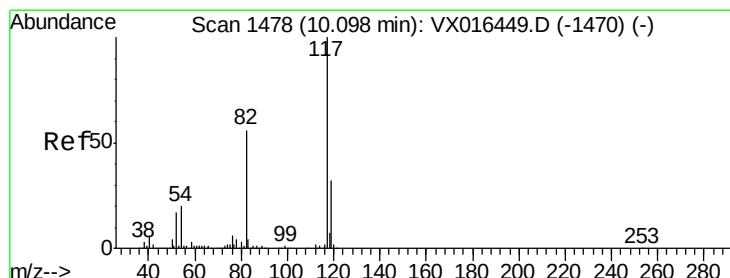
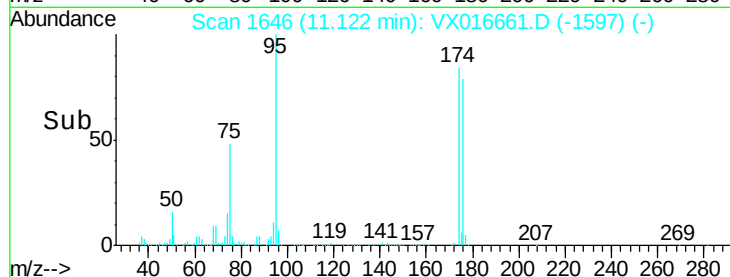
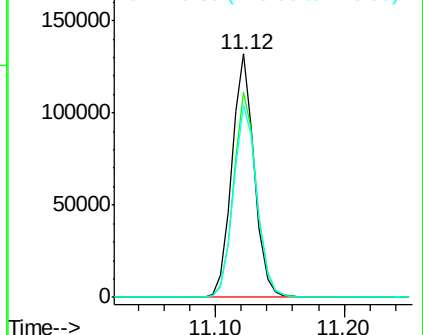
176 82.4 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016661.D

Acq: 09 Jun 2020 14:08

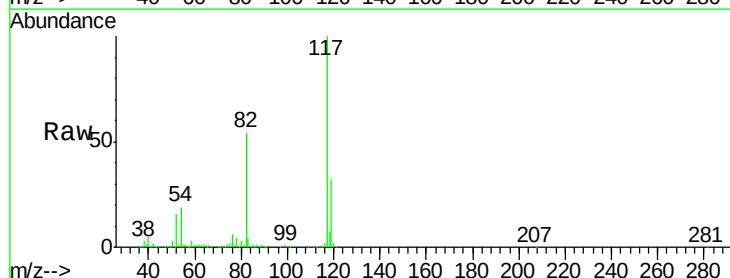
Tgt Ion: 117 Resp: 330197

Ion Ratio Lower Upper

117 100

82 54.1 45.0 67.6

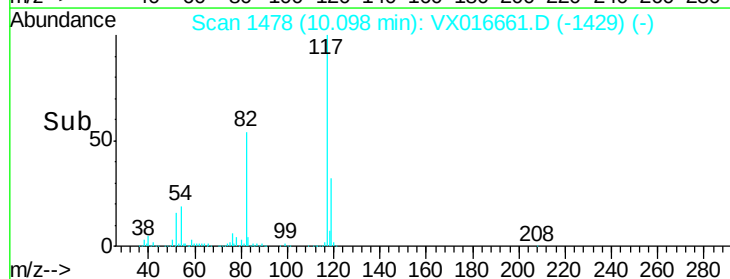
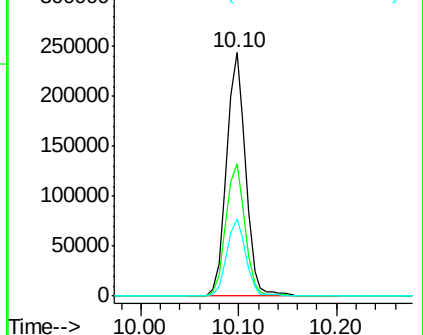
119 31.7 25.8 38.8

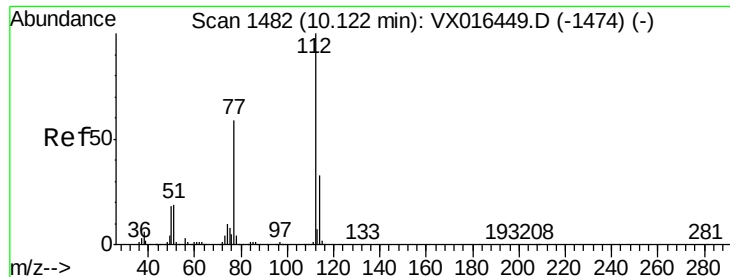


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#65

Chlorobenzene

Concen: 0.544 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016661.D

Acq: 09 Jun 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

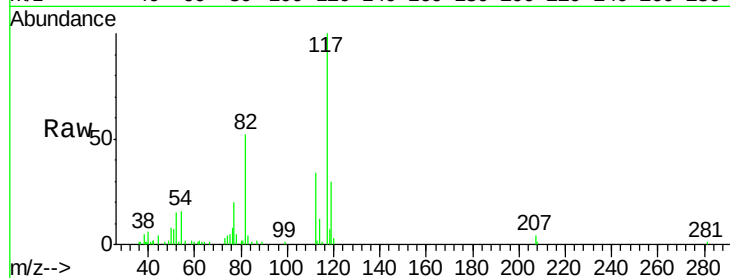
MW-2

Tot Ion:112 Resp: 3663

Ion Ratio Lower Upper

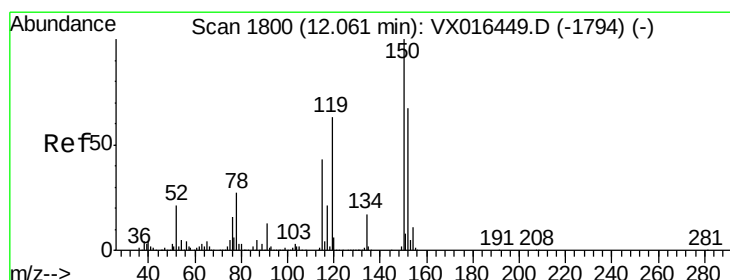
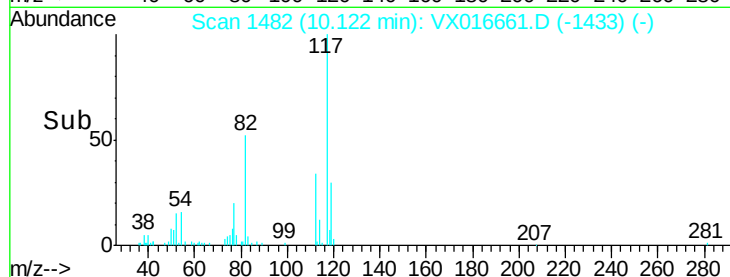
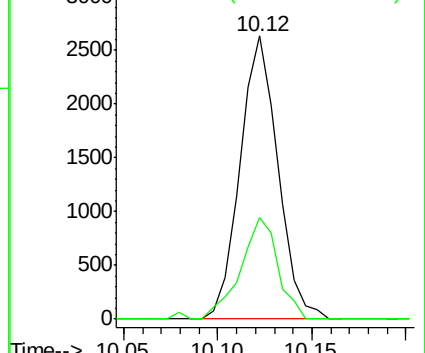
112 100

114 36.0 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016661.D

Acq: 09 Jun 2020 14:08

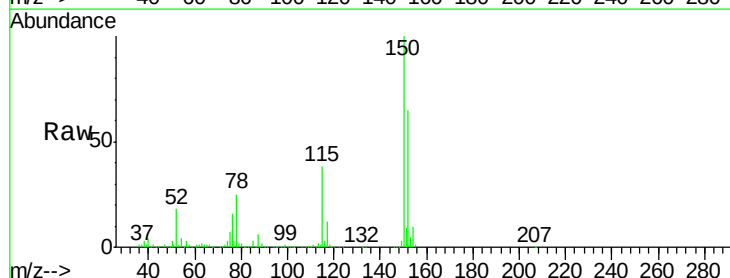
Tgt Ion:152 Resp: 168975

Ion Ratio Lower Upper

152 100

115 57.9 39.9 119.6

150 156.7 0.0 341.0



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

