

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040920\
 Data File : VX015604.D
 Acq On : 09 Apr 2020 18:15
 Operator : JC/SP
 Sample : L2190-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW167-200406

Quant Time: Apr 10 09:05:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

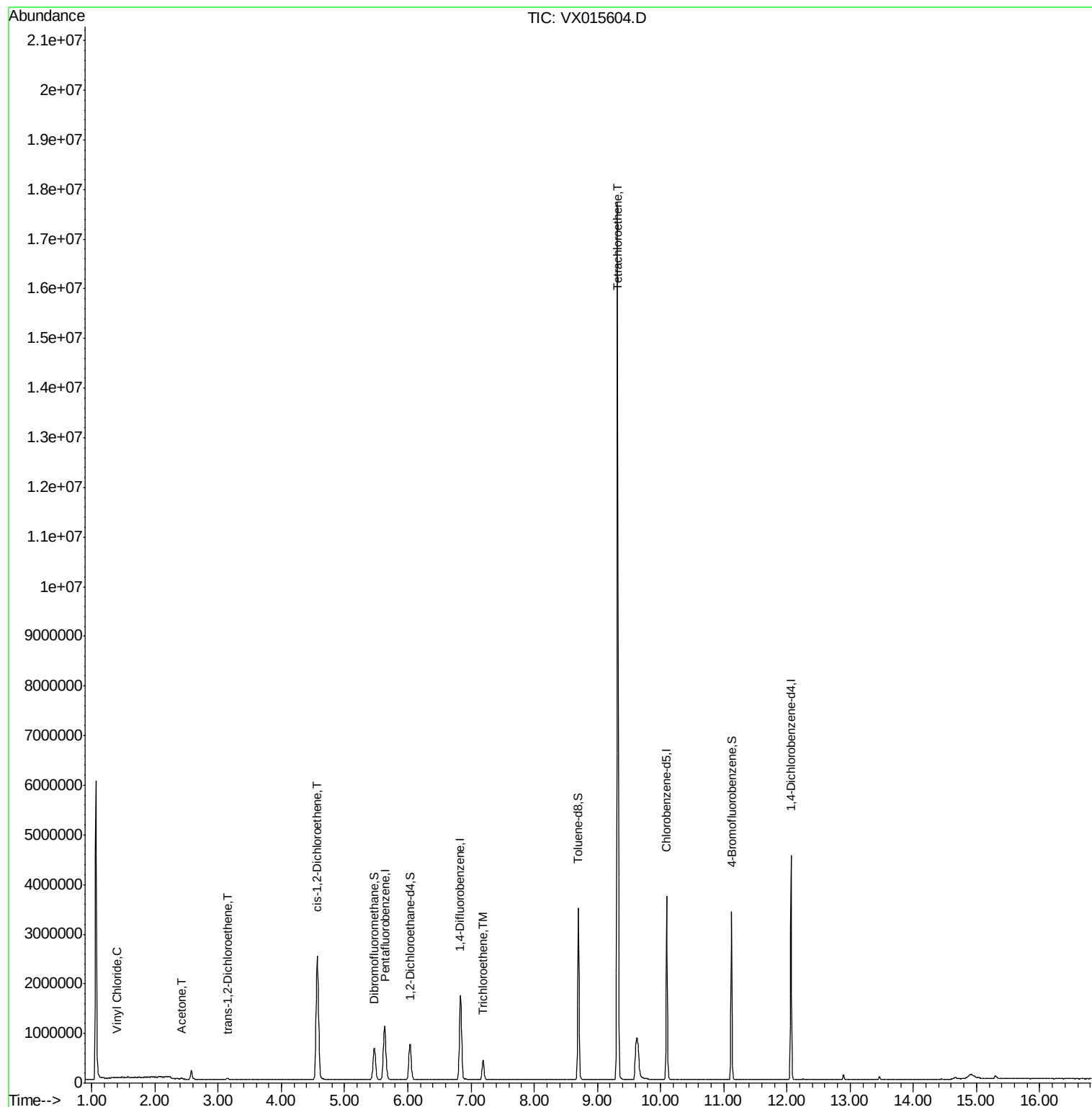
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1076018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1689302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1619111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	889959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	714640	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
35) Dibromofluoromethane	5.47	113	526586	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	8.70	98	2013295	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.12	95	857396	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
Target Compounds						
4) Vinyl Chloride	1.39	62	3557	0.321	ug/l #	74
16) Acetone	2.42	43	28802	4.417	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	10207	0.905	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	1539740	118.044	ug/l	91
44) Trichloroethene	7.19	130	148099	11.910	ug/l	97
64) Tetrachloroethene	9.32	164	3441298	281.634	ug/l	97

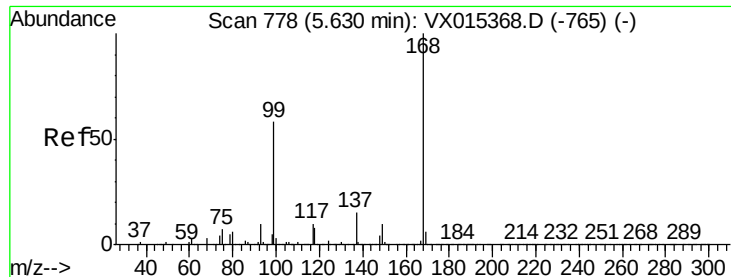
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015604.D

Acq: 09 Apr 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

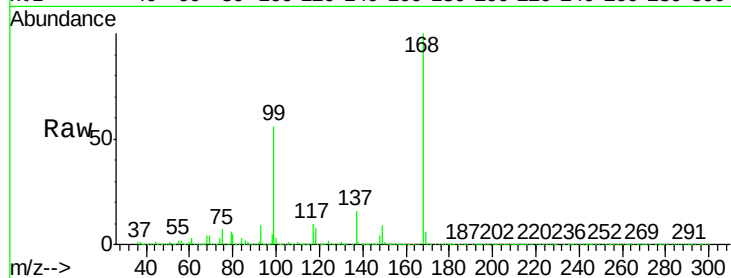
ST008MW167-200406

Tot Ion:168 Resp: 1076018

Ion Ratio Lower Upper

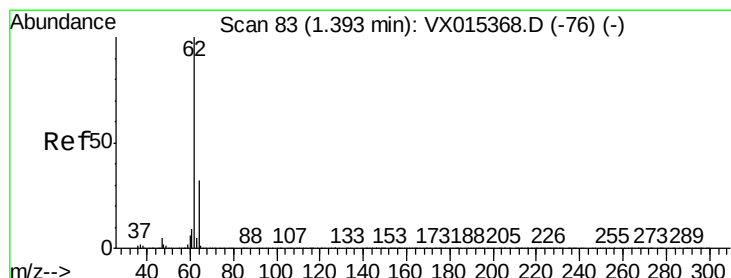
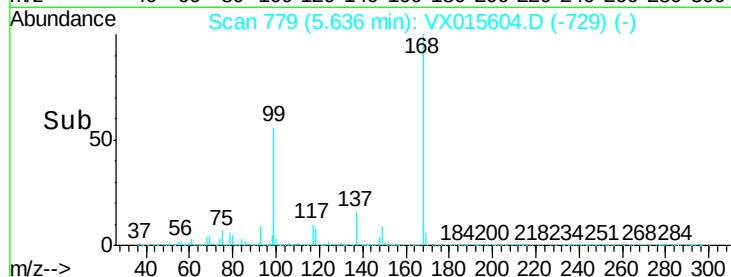
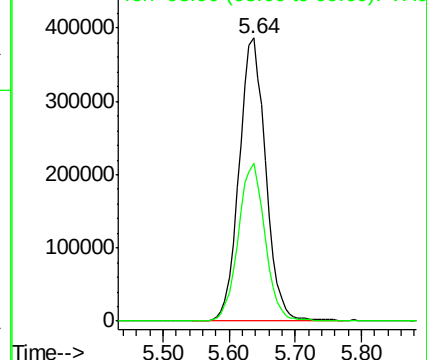
168 100

99 55.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.321 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015604.D

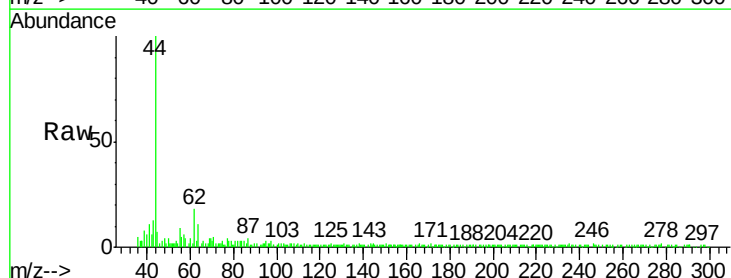
Acq: 09 Apr 2020 18:15

Tgt Ion: 62 Resp: 3557

Ion Ratio Lower Upper

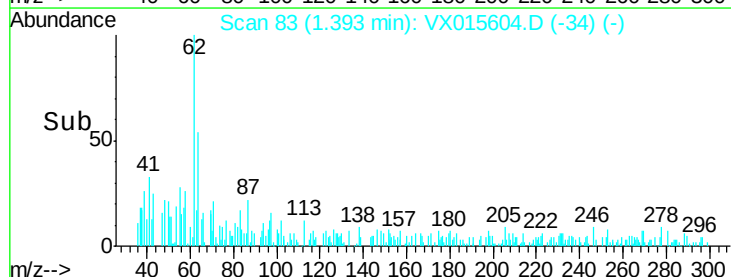
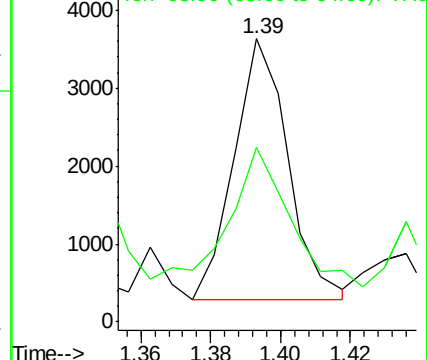
62 100

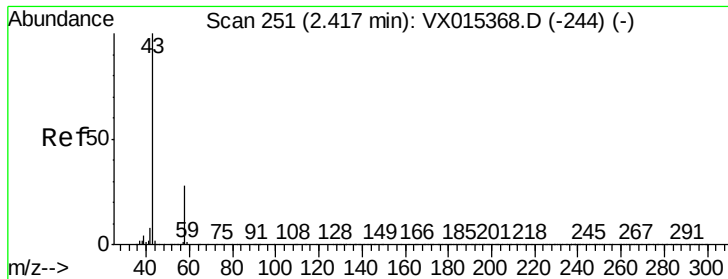
64 47.1 26.0 39.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 4.417 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015604.D

Acq: 09 Apr 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

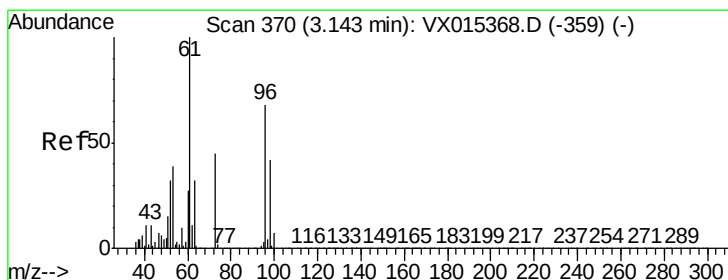
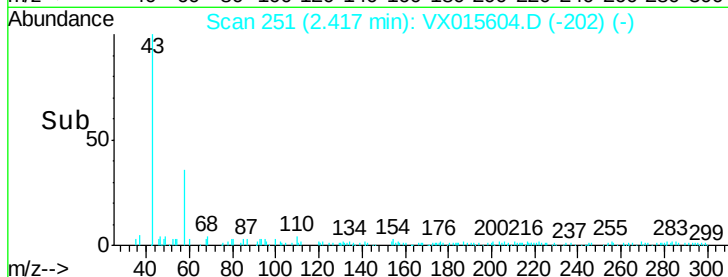
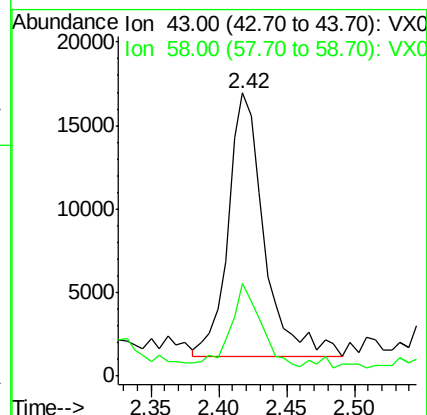
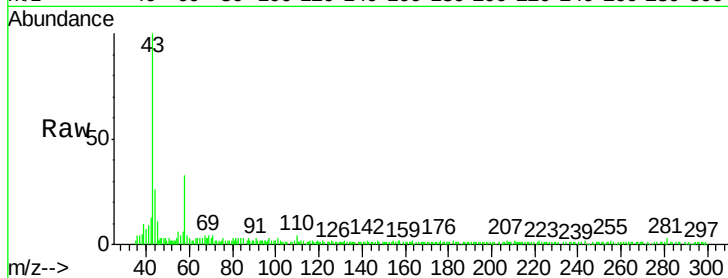
ST008MW167-200406

Tot Ion: 43 Resp: 28802

Ion Ratio Lower Upper

43 100

58 30.7 22.1 33.1



#21

trans-1,2-Dichloroethene

Concen: 0.905 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015604.D

Acq: 09 Apr 2020 18:15

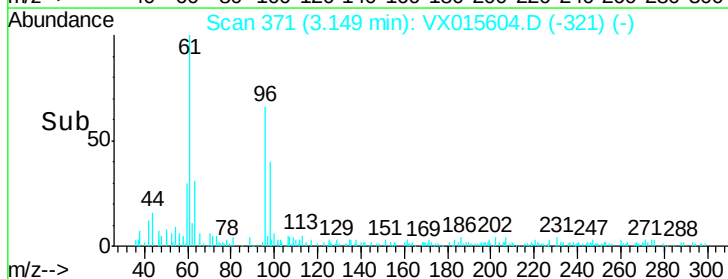
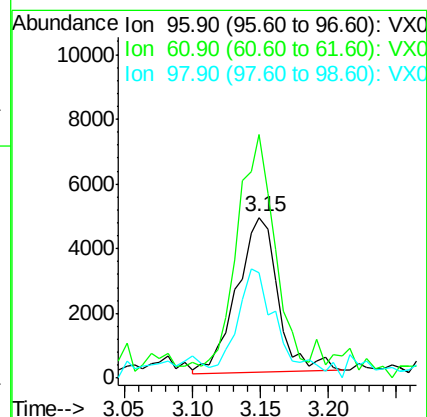
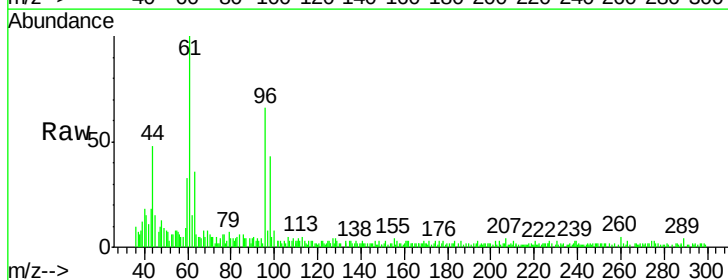
Tgt Ion: 96 Resp: 10207

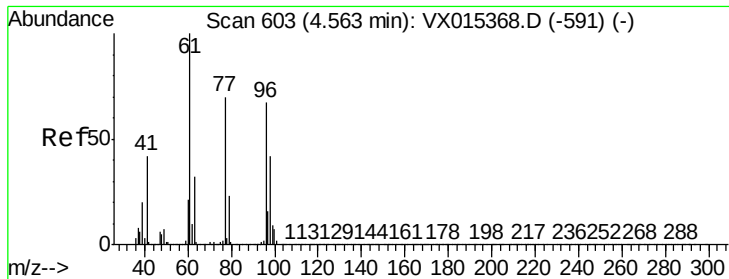
Ion Ratio Lower Upper

96 100

61 149.3 116.9 175.3

98 69.0 48.6 73.0



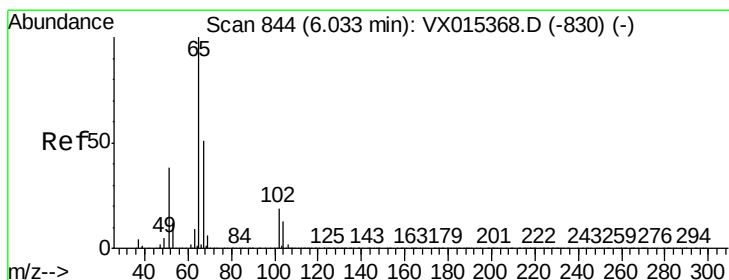
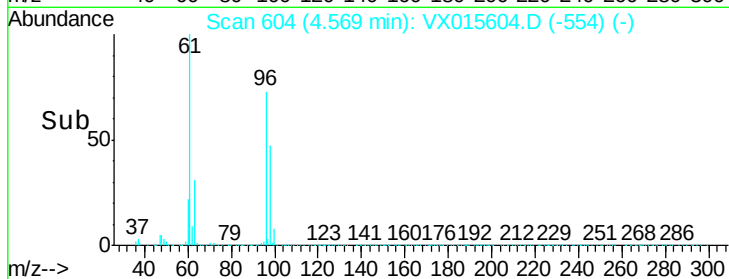
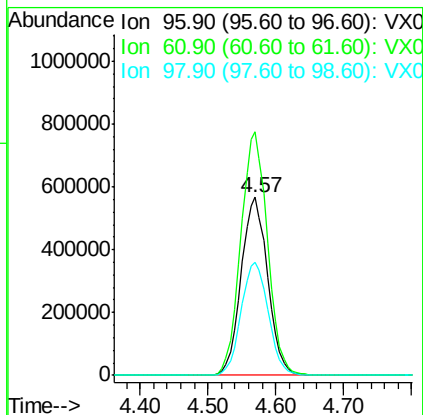
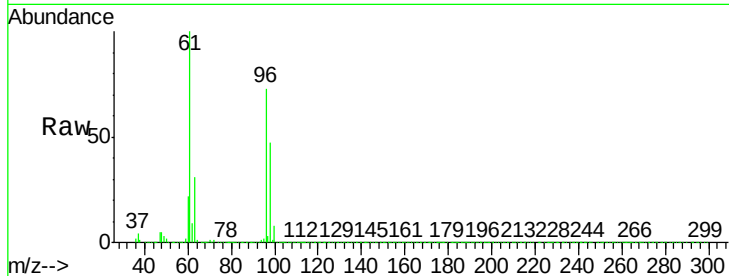


#27

cis-1,2-Dichloroethene
Concen: 118.044 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015604.D
Acq: 09 Apr 2020 18:15

Instrument :
MSVOA_X
ClientSampleId :
ST008MW167-200406

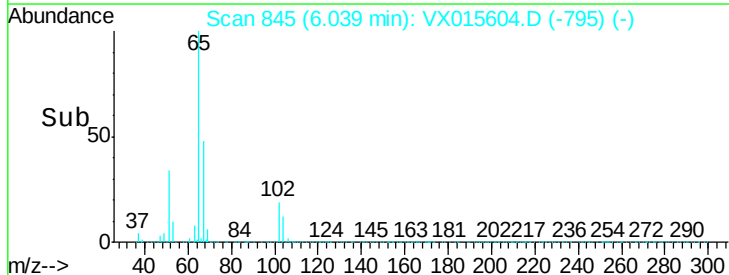
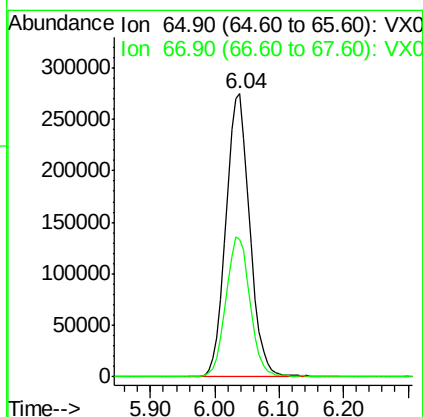
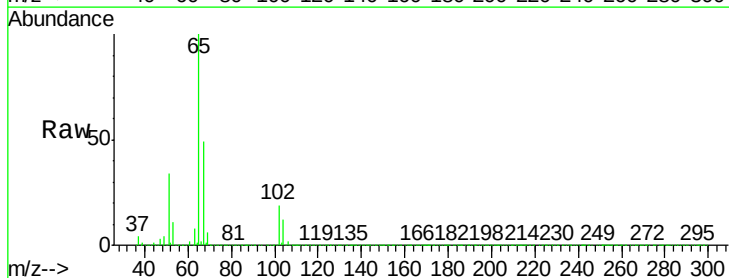
Tot Ion: 96 Resp: 1539740
Ion Ratio Lower Upper
96 100
61 137.2 0.0 308.4
98 64.6 0.0 129.2

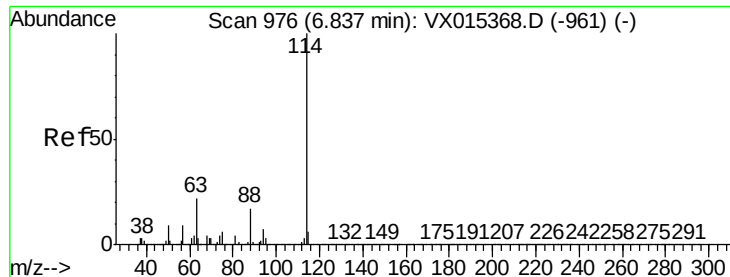


#33

1,2-Dichloroethane-d4
Concen: 47.090 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015604.D
Acq: 09 Apr 2020 18:15

Tgt Ion: 65 Resp: 714640
Ion Ratio Lower Upper
65 100
67 50.0 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015604.D

Acq: 09 Apr 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

ST008MW167-200406

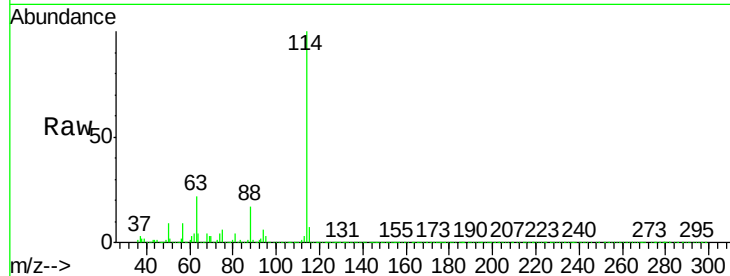
Tot Ion:114 Resp: 1689302

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.2

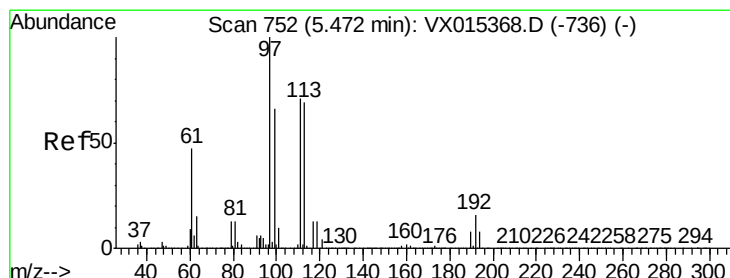
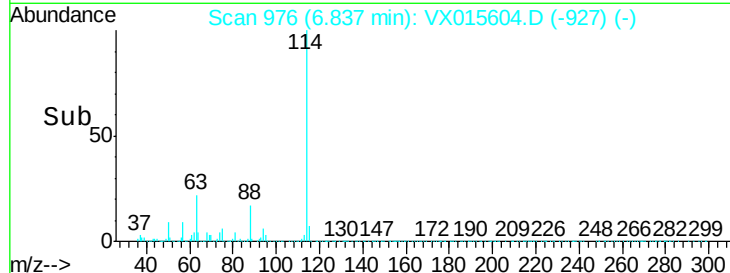
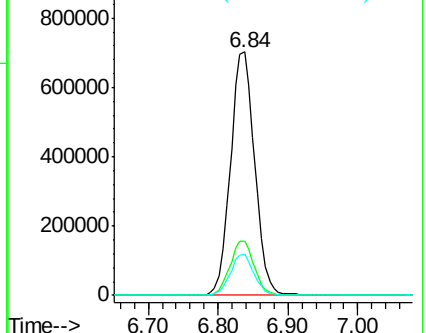
88 16.8 0.0 33.8



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: 48.765 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015604.D

Acq: 09 Apr 2020 18:15

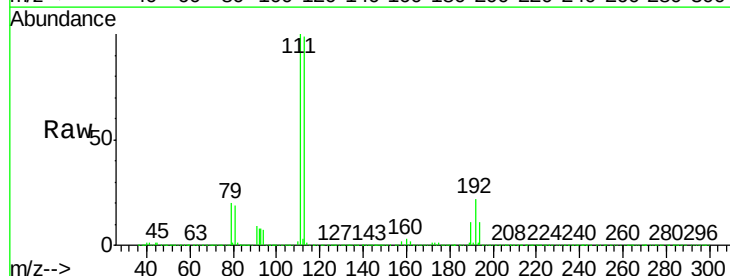
Tgt Ion:113 Resp: 526586

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

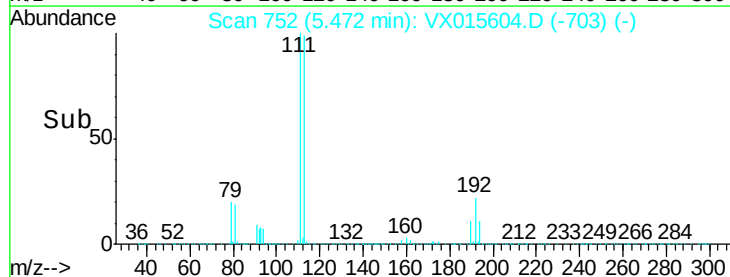
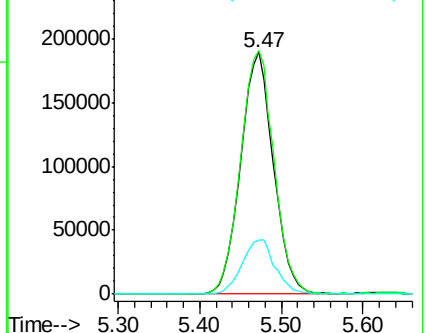
192 22.7 17.8 26.6

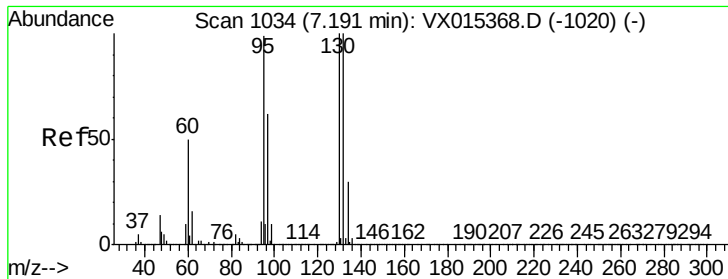


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 11.910 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015604.D

Acq: 09 Apr 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

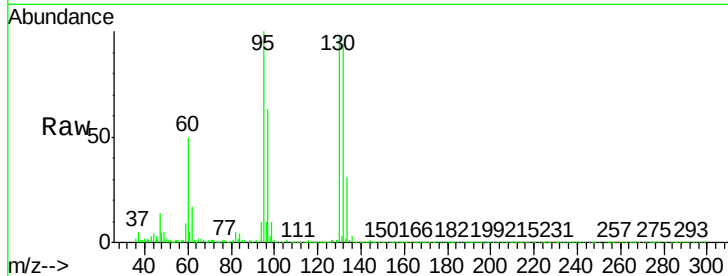
ST008MW167-200406

Tot Ion:130 Resp: 148099

Ion Ratio Lower Upper

130 100

95 102.8 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

80000

60000

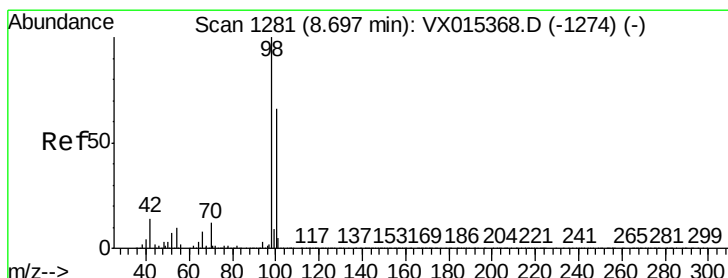
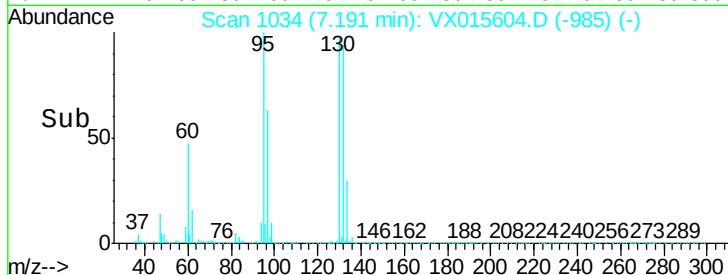
40000

20000

0

7.10 7.20 7.30

Time-->



#50

Toluene-d8

Concen: 50.640 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015604.D

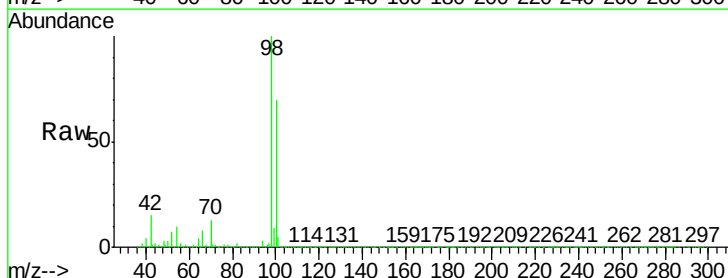
Acq: 09 Apr 2020 18:15

Tgt Ion: 98 Resp: 2013295

Ion Ratio Lower Upper

98 100

100 67.1 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

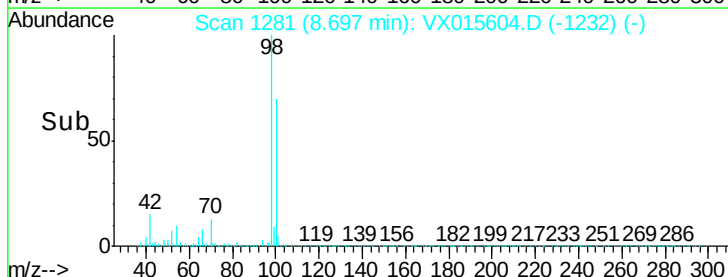
1000000

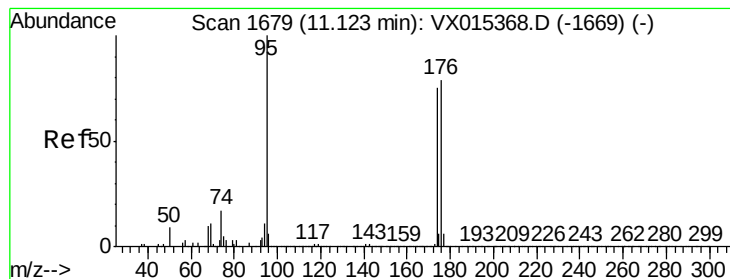
500000

0

8.60 8.70 8.80

Time-->





#62

4-Bromofluorobenzene

Concen: 53.065 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015604.D

Acq: 09 Apr 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

ST008MW167-200406

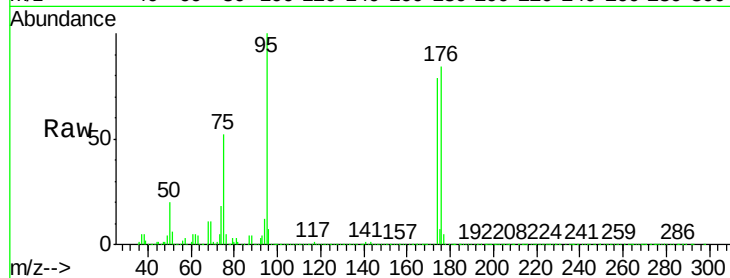
Tot Ion: 95 Resp: 857396

Ion Ratio Lower Upper

95 100

174 81.6 0.0 158.6

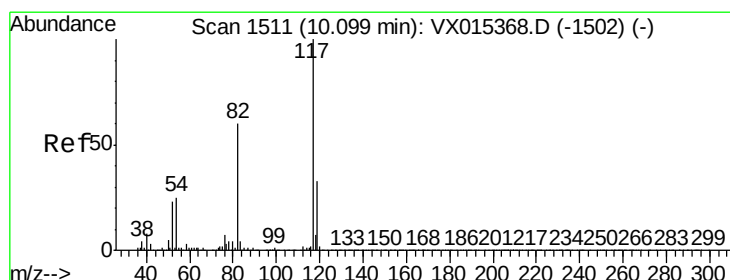
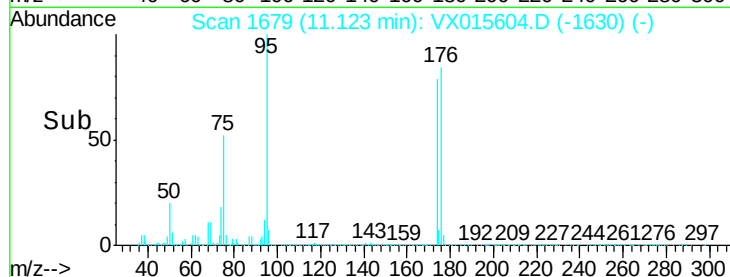
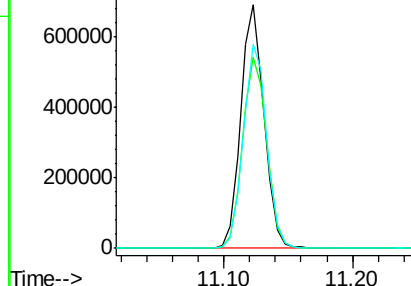
176 83.7 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015368.D (-1669) (-)

Ion 173.80 (173.50 to 174.50): VX015368.D (-1669) (-)

Ion 175.80 (175.50 to 176.50): VX015368.D (-1669) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015604.D

Acq: 09 Apr 2020 18:15

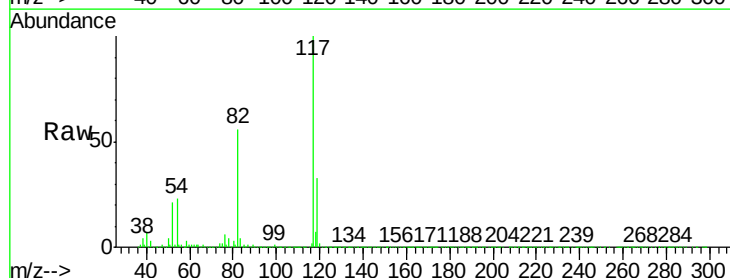
Tgt Ion: 117 Resp: 1619111

Ion Ratio Lower Upper

117 100

82 55.7 47.8 71.8

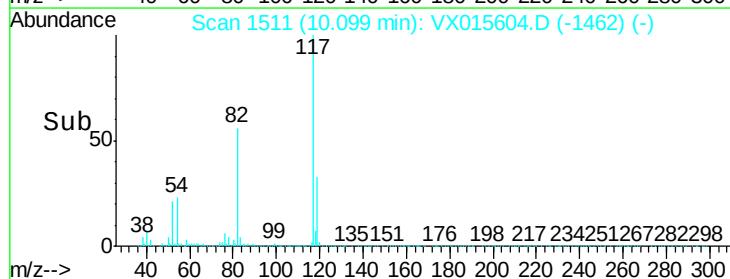
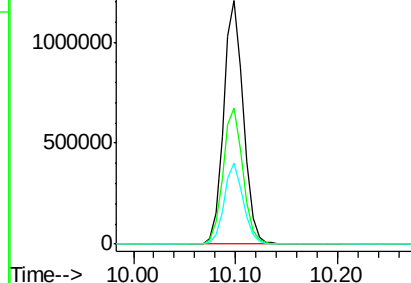
119 33.2 26.8 40.2

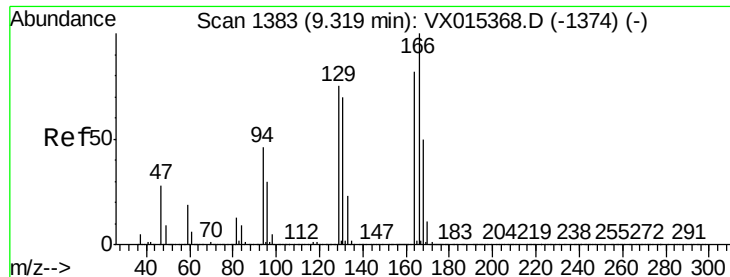


Abundance Ion 116.90 (116.60 to 117.60): VX015368.D (-1502) (-)

Ion 82.00 (81.70 to 82.70): VX015368.D (-1502) (-)

Ion 118.90 (118.60 to 119.60): VX015368.D (-1502) (-)





#64

Tetrachloroethene

Concen: 281.634 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015604.D

Acq: 09 Apr 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

ST008MW167-200406

Tot Ion:164 Resp: 3441298

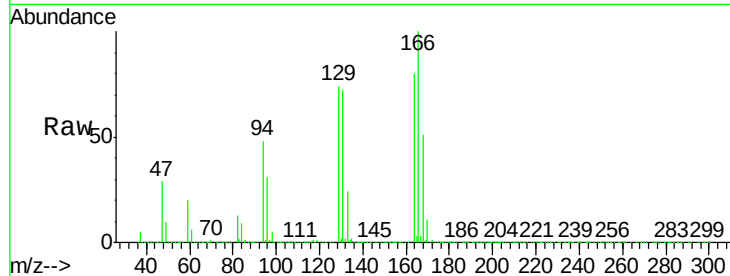
Ion Ratio Lower Upper

164 100

166 125.1 97.8 146.6

129 93.2 73.0 109.4

131 90.4 68.6 103.0

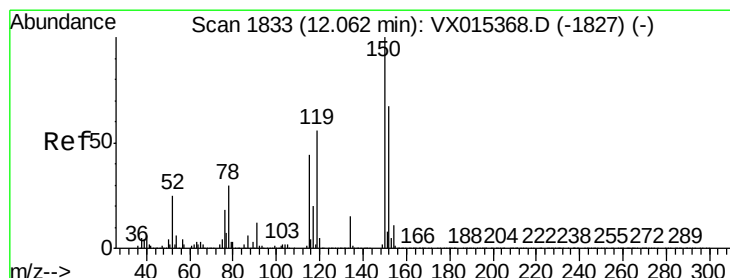
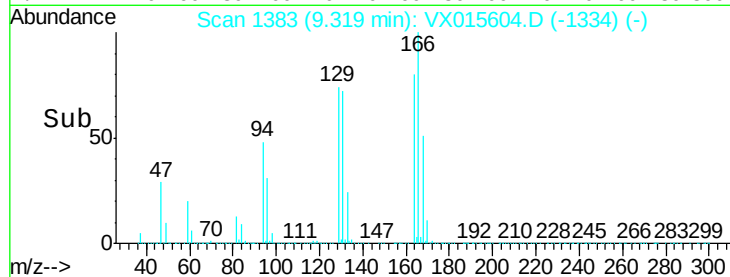
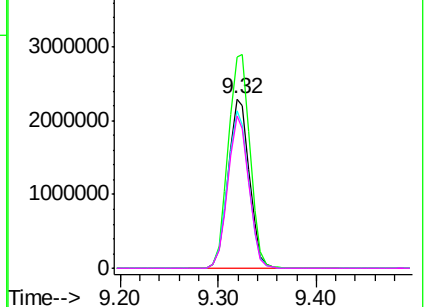


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015604.D

Acq: 09 Apr 2020 18:15

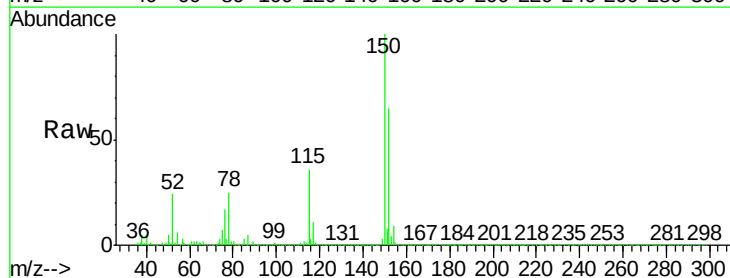
Tgt Ion:152 Resp: 889959

Ion Ratio Lower Upper

152 100

115 56.8 39.0 116.9

150 155.8 0.0 340.8



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

