

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX018009.D
 Acq On : 20 Aug 2020 01:58
 Operator : JC/SP
 Sample : L3694-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP

Quant Time: Aug 20 06:11:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

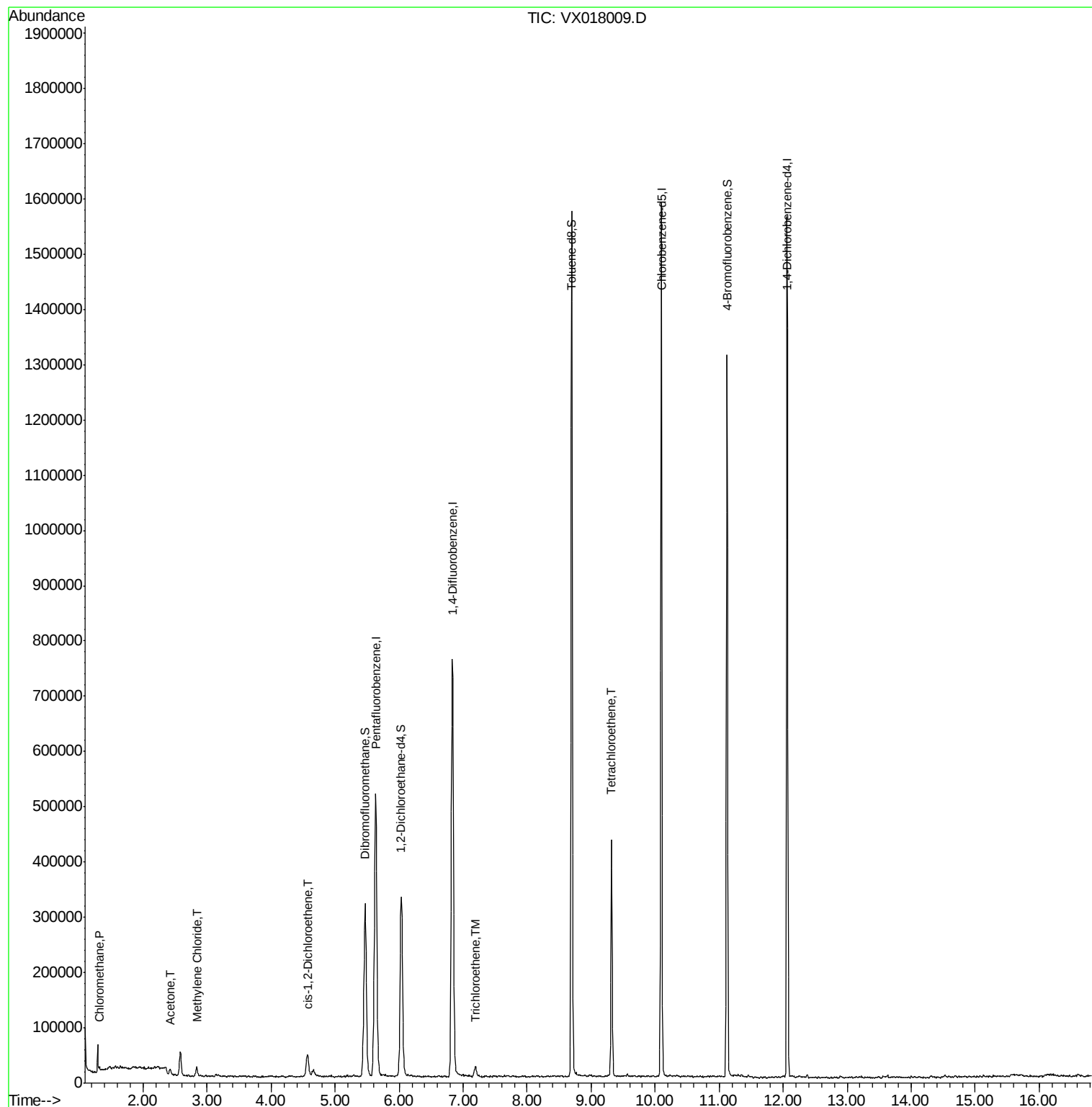
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	482259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	753755	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	703119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	309692	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	333108	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
35) Dibromofluoromethane	5.47	113	263221	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
50) Toluene-d8	8.70	98	907439	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
62) 4-Bromofluorobenzene	11.12	95	327932	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	5413	0.821	ug/l	95
16) Acetone	2.42	43	10174	3.658	ug/l	90
20) Methylene Chloride	2.84	84	7652	1.493	ug/l #	91
27) cis-1,2-Dichloroethene	4.57	96	26344	4.997	ug/l	86
44) Trichloroethene	7.19	130	6915	1.227	ug/l	89
64) Tetrachloroethene	9.32	164	80005	14.900	ug/l	96

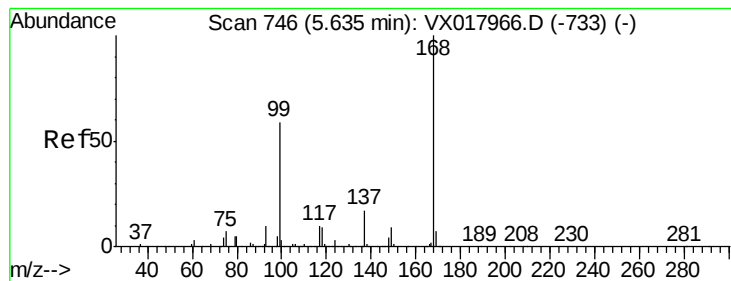
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018009.D

Acq: 20 Aug 2020 01:58

Instrument :

MSVOA_X

ClientSampleId :

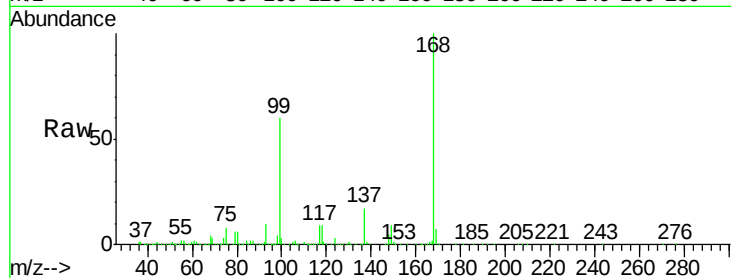
DUP

Tot Ion:168 Resp: 482259

Ion Ratio Lower Upper

168 100

99 59.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

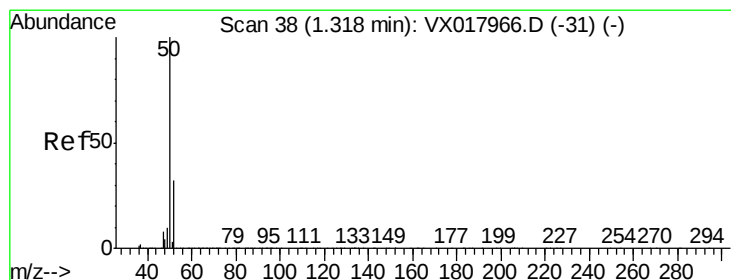
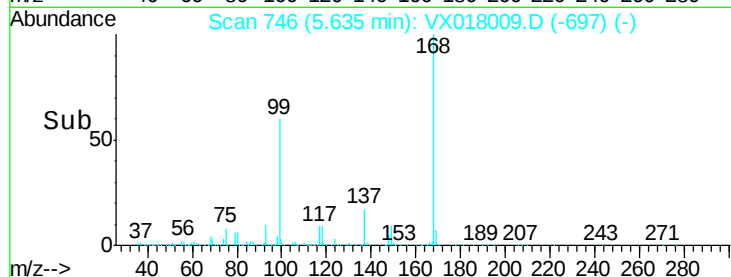
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.821 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX018009.D

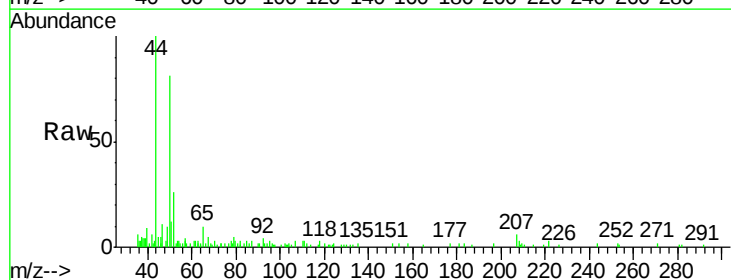
Acq: 20 Aug 2020 01:58

Tgt Ion: 50 Resp: 5413

Ion Ratio Lower Upper

50 100

52 29.0 25.4 38.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

5000

4000

3000

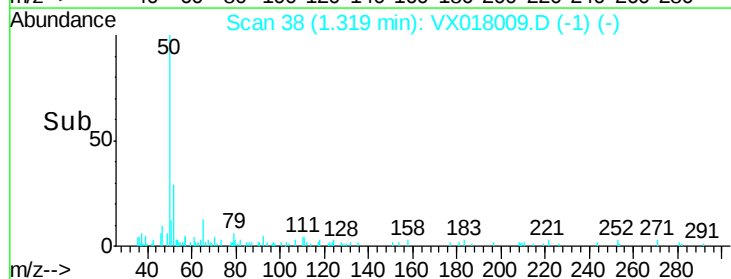
2000

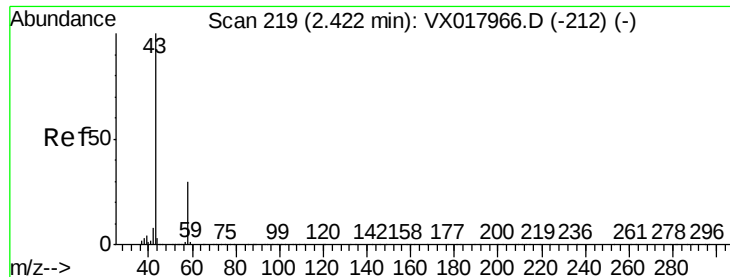
1000

0

Time-->

1.25 1.30 1.35





#16

Acetone

Concen: 3.658 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018009.D

Acq: 20 Aug 2020 01:58

Instrument :

MSVOA_X

ClientSampleId :

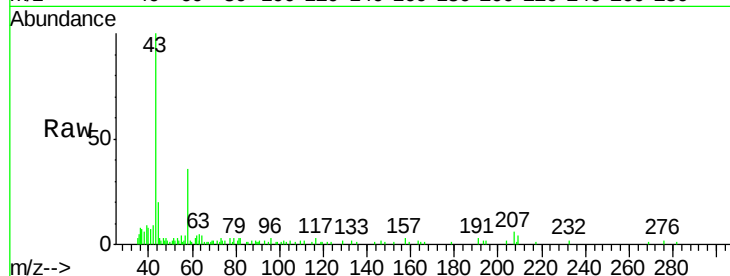
DUP

Tot Ion: 43 Resp: 10174

Ion Ratio Lower Upper

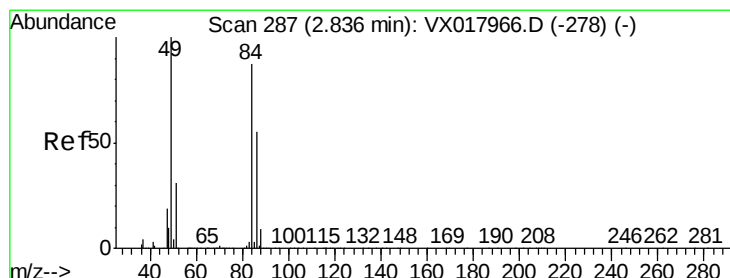
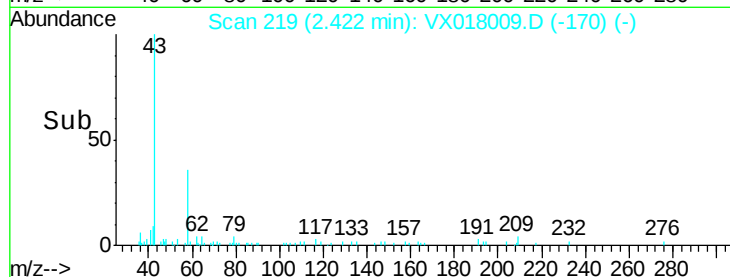
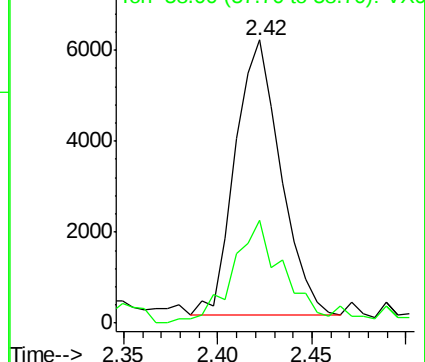
43 100

58 35.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 1.493 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX018009.D

Acq: 20 Aug 2020 01:58

Tgt Ion: 84 Resp: 7652

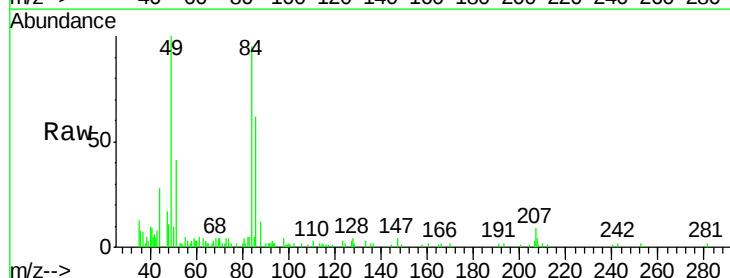
Ion Ratio Lower Upper

84 100

49 102.6 91.8 137.6

51 42.1 27.8 41.8#

86 65.4 50.5 75.7

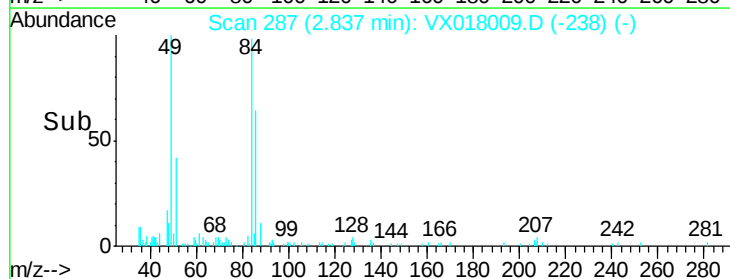
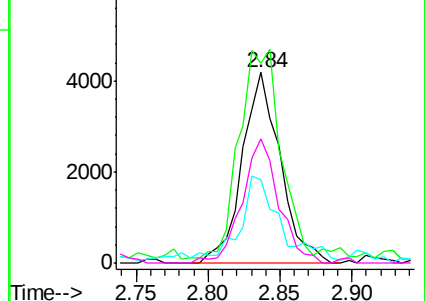


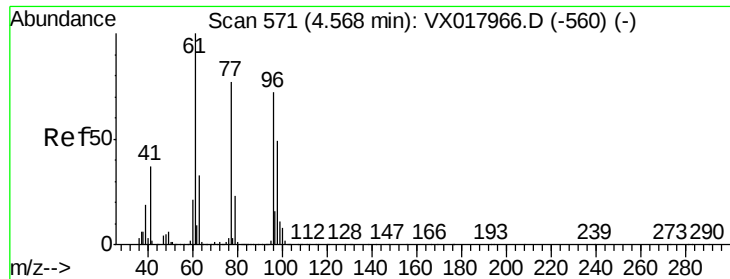
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



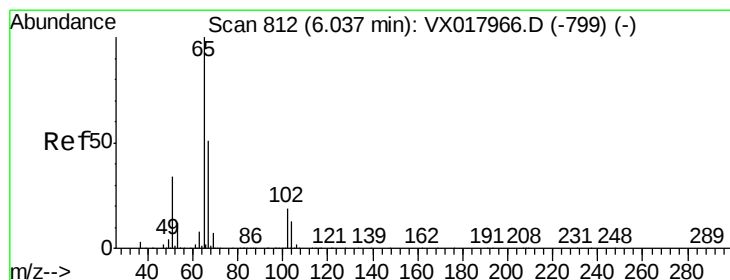
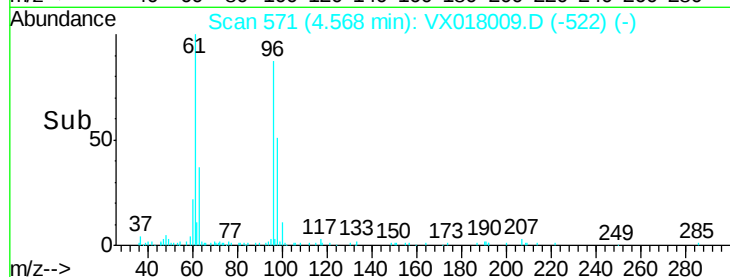
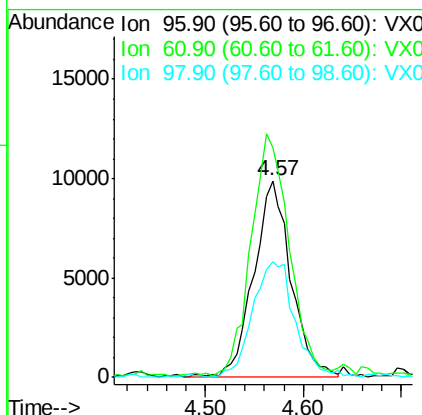
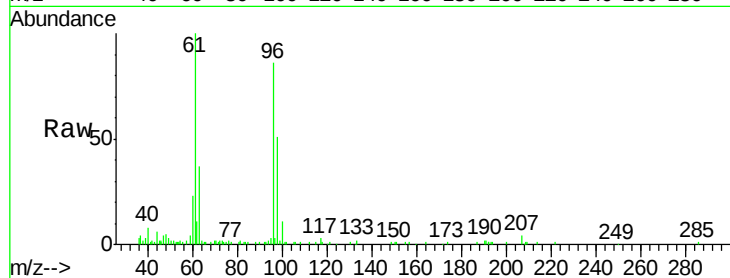


#27

cis-1,2-Dichloroethene
Concen: 4.997 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018009.D
Acq: 20 Aug 2020 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP

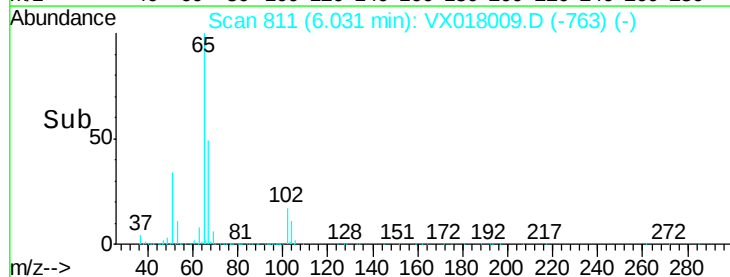
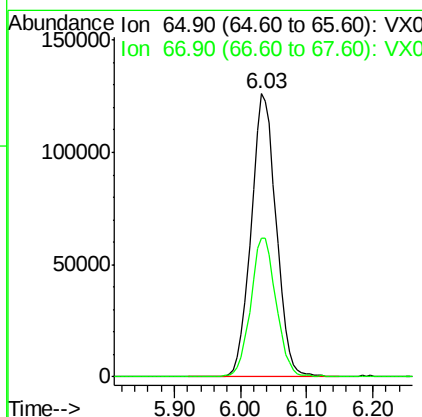
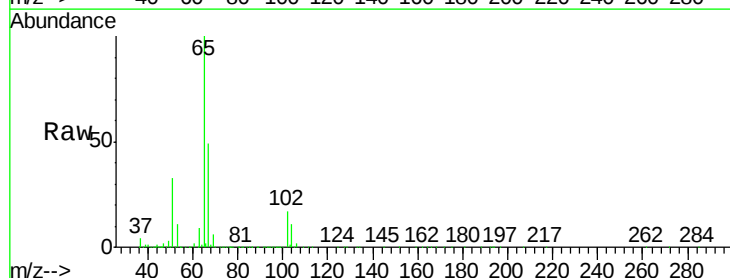
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	298.8
98	66.8	0.0	130.2

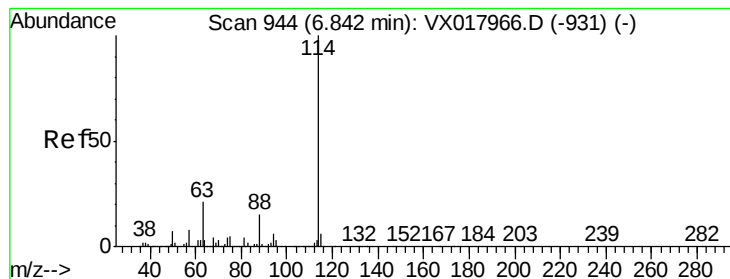


#33

1,2-Dichloroethane-d4
Concen: 47.119 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.01 min
Lab File: VX018009.D
Acq: 20 Aug 2020 01:58

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018009.D

Acq: 20 Aug 2020 01:58

Instrument :

MSVOA_X

ClientSampleId :

DUP

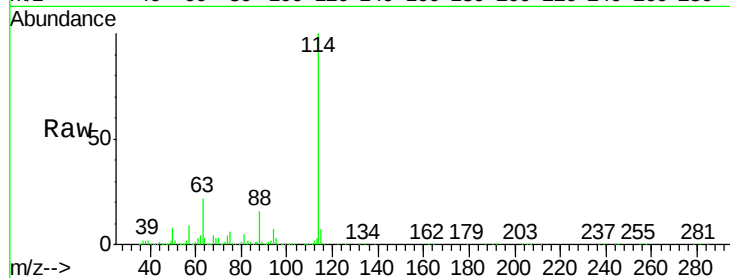
Tot Ion:114 Resp: 753755

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.6

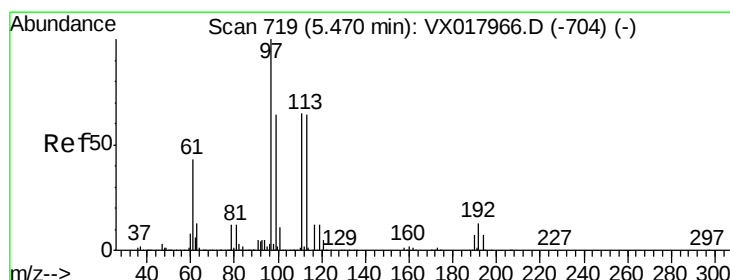
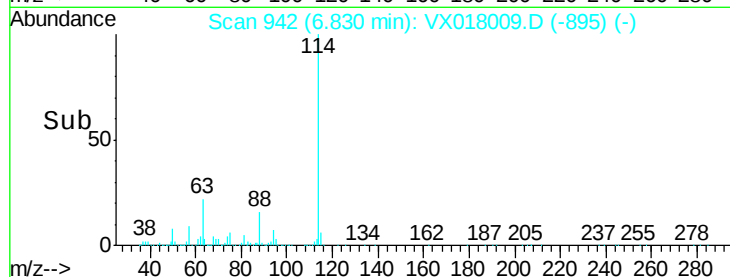
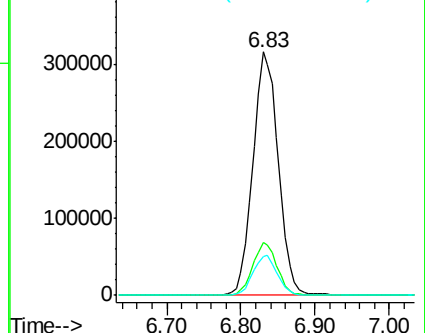
88 16.0 0.0 30.2



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: 46.894 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018009.D

Acq: 20 Aug 2020 01:58

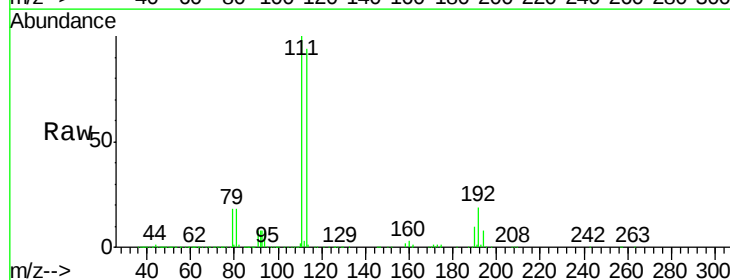
Tgt Ion:113 Resp: 263221

Ion Ratio Lower Upper

113 100

111 101.2 83.5 125.3

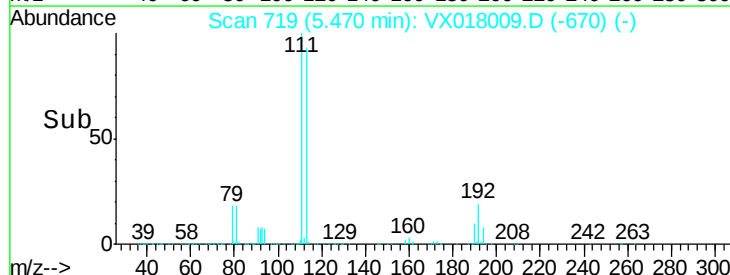
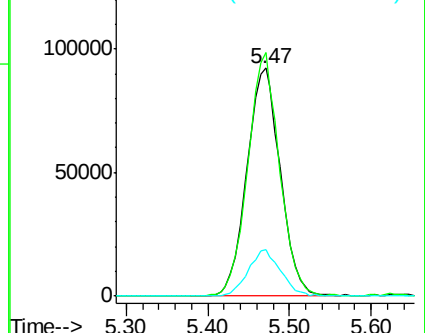
192 19.7 16.2 24.4

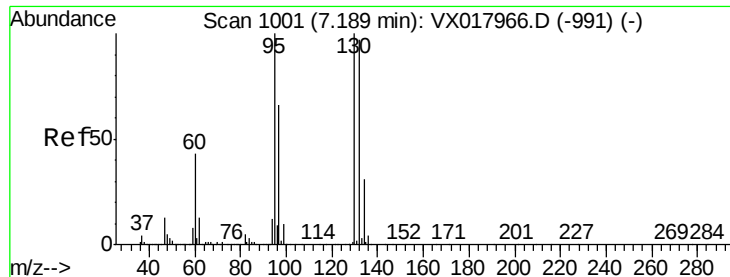


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.227 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018009.D

Acq: 20 Aug 2020 01:58

Instrument :

MSVOA_X

ClientSampleId :

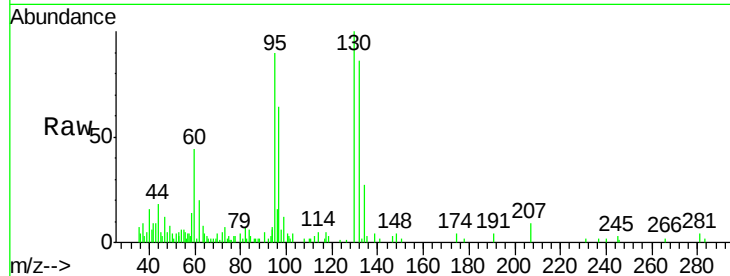
DUP

Tot Ion:130 Resp: 6915

Ion Ratio Lower Upper

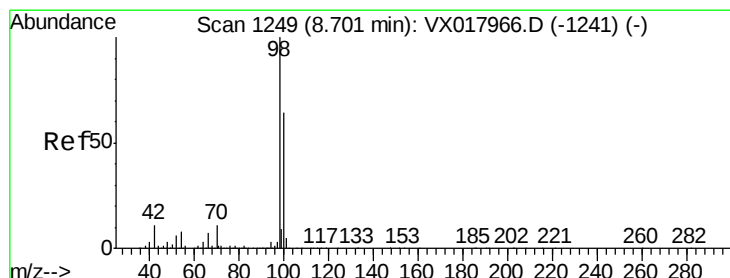
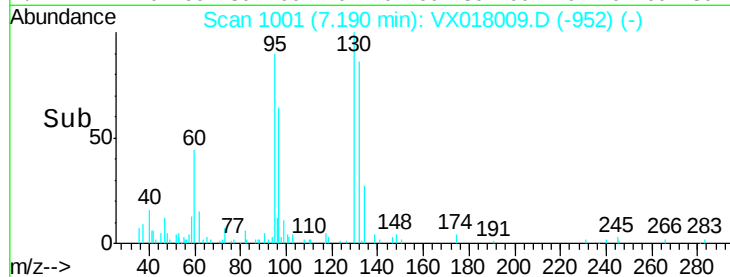
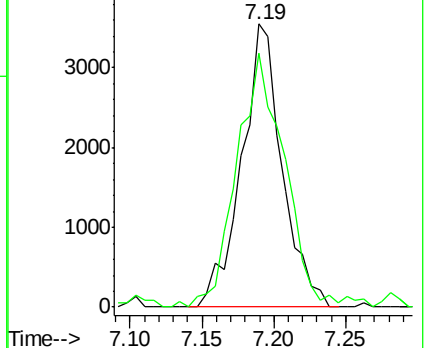
130 100

95 89.5 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 45.736 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX018009.D

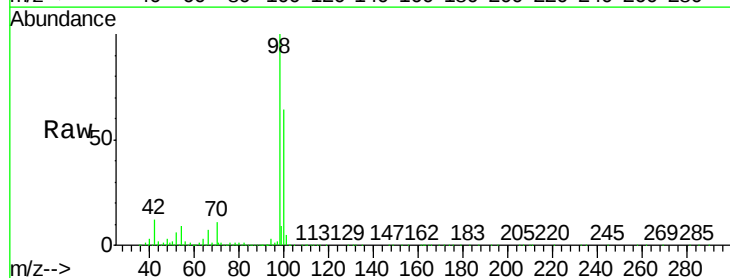
Acq: 20 Aug 2020 01:58

Tgt Ion: 98 Resp: 907439

Ion Ratio Lower Upper

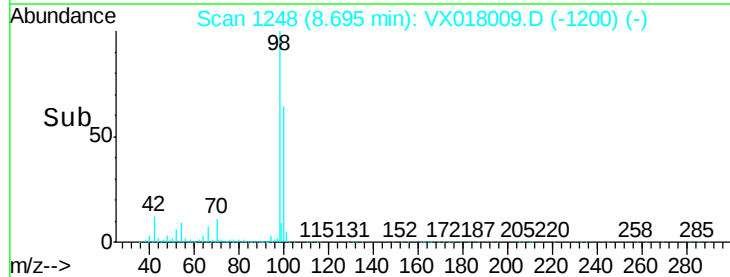
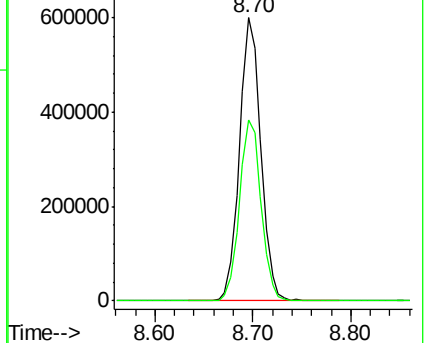
98 100

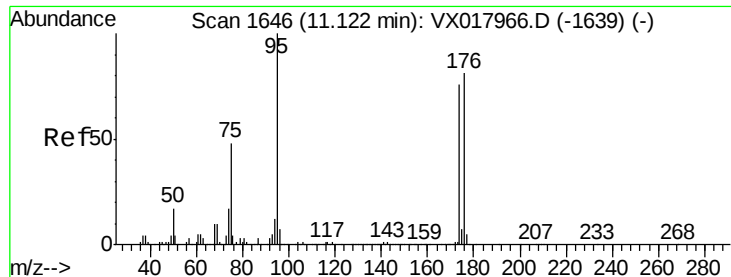
100 65.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.750 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018009.D

Acq: 20 Aug 2020 01:58

Instrument :

MSVOA_X

ClientSampleId :

DUP

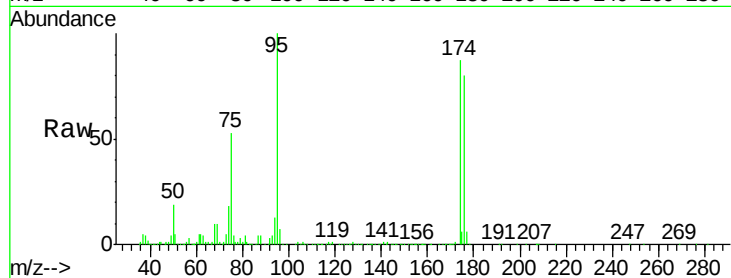
Tot Ion: 95 Resp: 327932

Ion Ratio Lower Upper

95 100

174 83.6 0.0 166.0

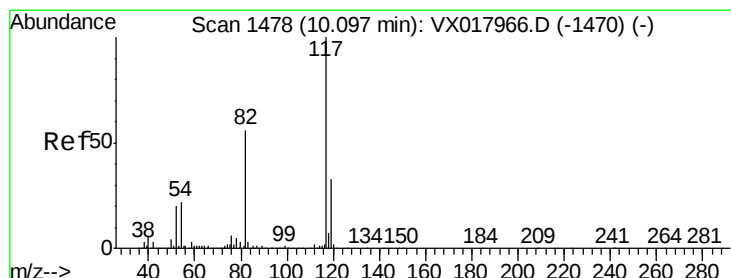
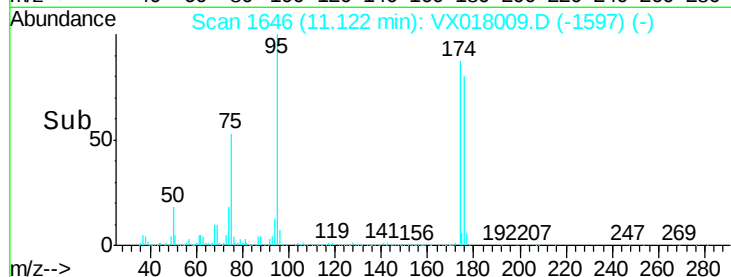
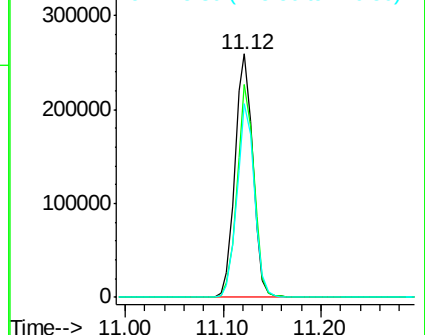
176 77.4 0.0 161.0



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: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018009.D

Acq: 20 Aug 2020 01:58

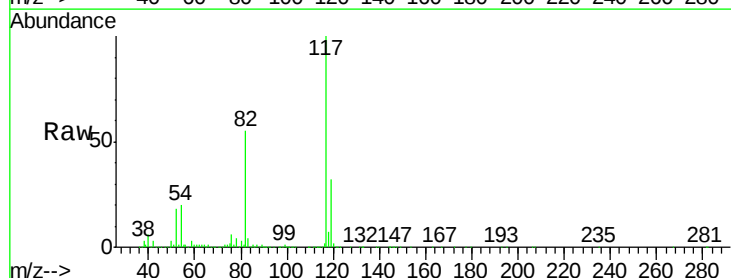
Tgt Ion: 117 Resp: 703119

Ion Ratio Lower Upper

117 100

82 55.0 44.6 66.8

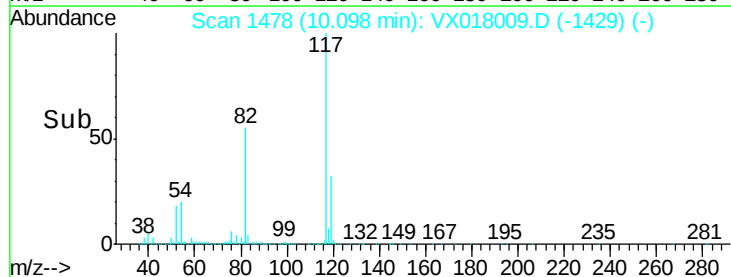
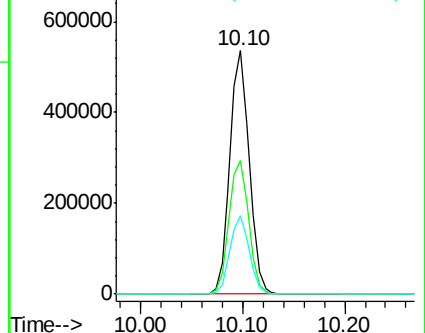
119 32.4 26.2 39.4

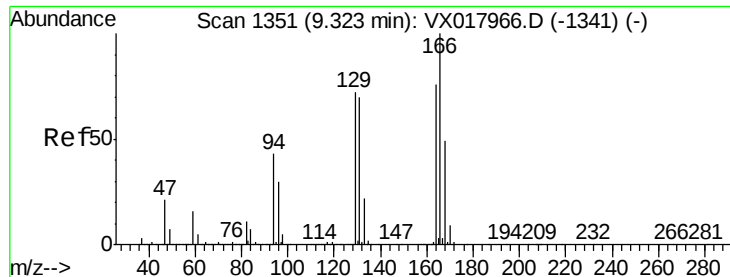


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 14.900 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.01 min

Lab File: VX018009.D

Acq: 20 Aug 2020 01:58

Instrument :

MSVOA_X

ClientSampled :

DUP

Tot Ion:164 Resp: 80005

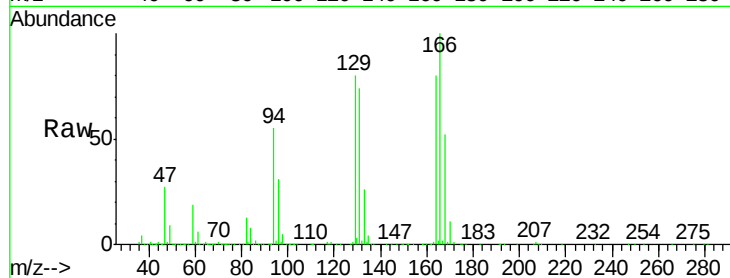
Ion Ratio Lower Upper

164 100

166 124.3 105.7 158.5

129 99.1 75.8 113.8

131 92.1 74.2 111.4

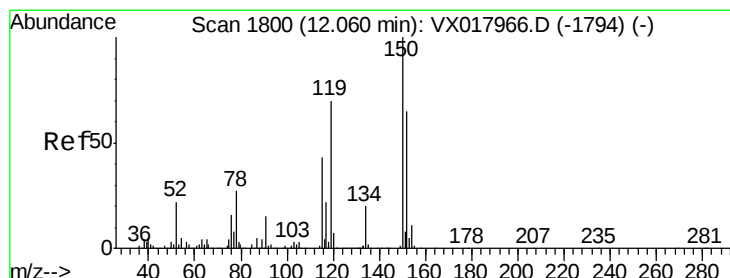
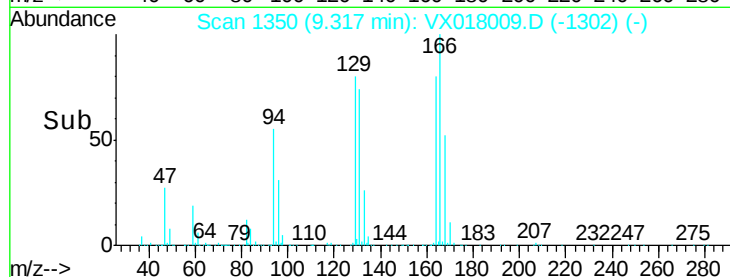
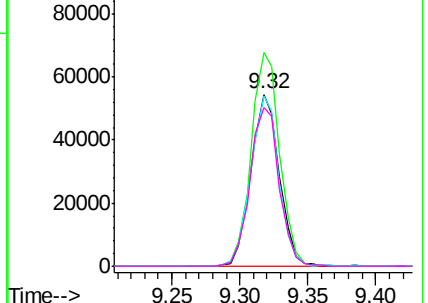


Abundance Ion 163.80 (163.50 to 164.50): V

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# 1800

Delta R.T. 0.00 min

Lab File: VX018009.D

Acq: 20 Aug 2020 01:58

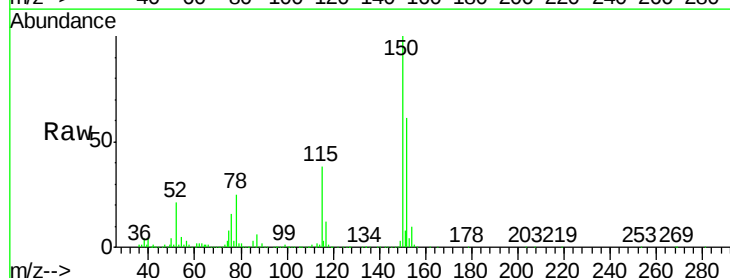
Tgt Ion:152 Resp: 309692

Ion Ratio Lower Upper

152 100

115 60.3 40.6 121.7

150 161.9 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

