

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092419\
 Data File : VX012641.D
 Acq On : 24 Sep 2019 18:27
 Operator : JC/SP
 Sample : K5013-05RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0545RE

Quant Time: Sep 25 06:45:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

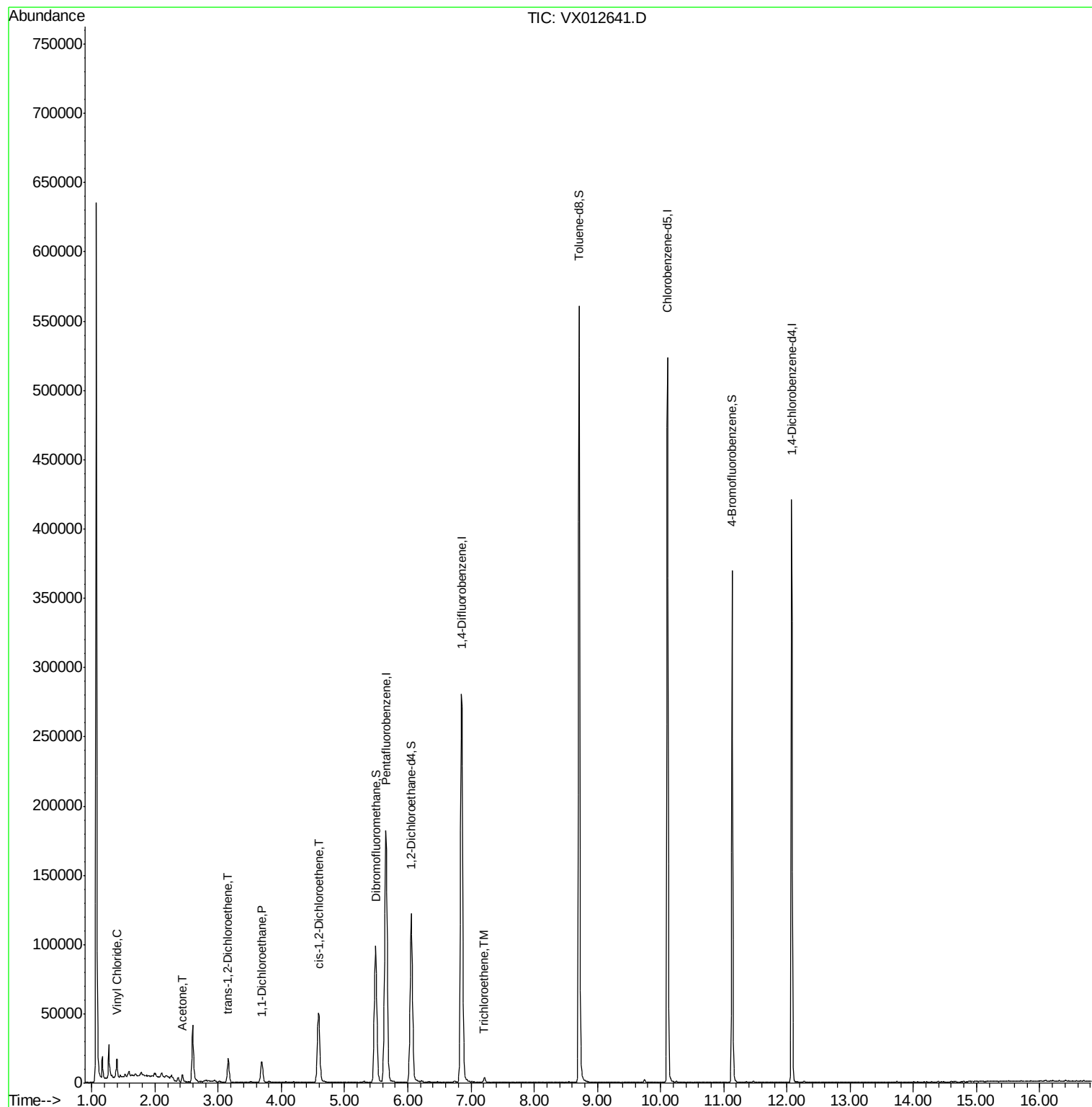
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275191	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	81331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116331	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
35) Dibromofluoromethane	5.49	113	84036	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	8.71	98	326752	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.14	95	103984	41.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.80%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	4121	2.008	ug/l	94
16) Acetone	2.43	43	5527	4.482	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	6575	3.453	ug/l	96
24) 1,1-Dichloroethane	3.69	63	17165	4.792	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	30714	13.900	ug/l	85
44) Trichloroethene	7.21	130	1471	0.737	ug/l	75

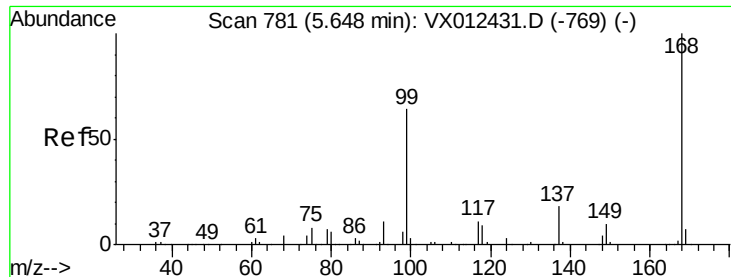
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 25 06:45:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012641.D

Acq: 24 Sep 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

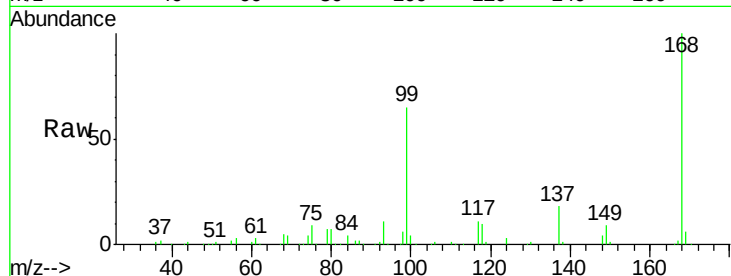
S49-0545RE

Tot Ion:168 Resp: 159873

Ion Ratio Lower Upper

168 100

99 64.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

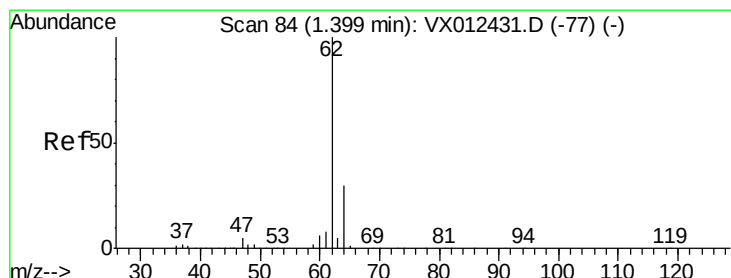
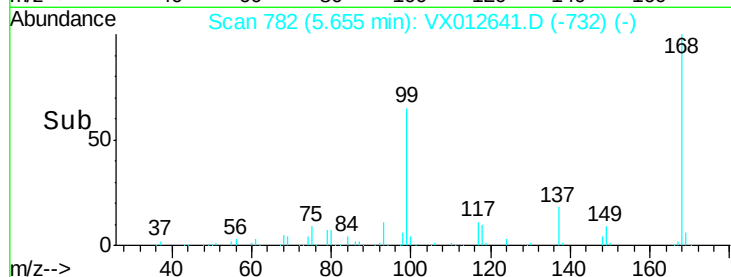
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#4

Vinyl Chloride

Concen: 2.008 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012641.D

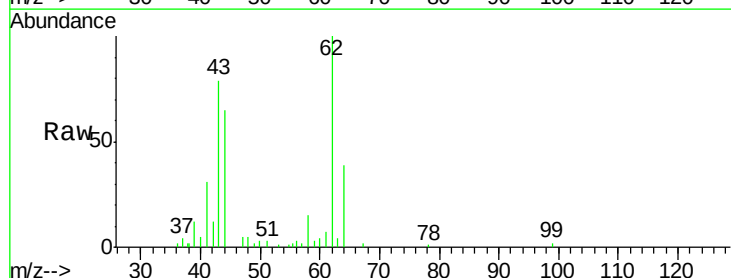
Acq: 24 Sep 2019 18:27

Tgt Ion: 62 Resp: 4121

Ion Ratio Lower Upper

62 100

64 33.6 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

4000

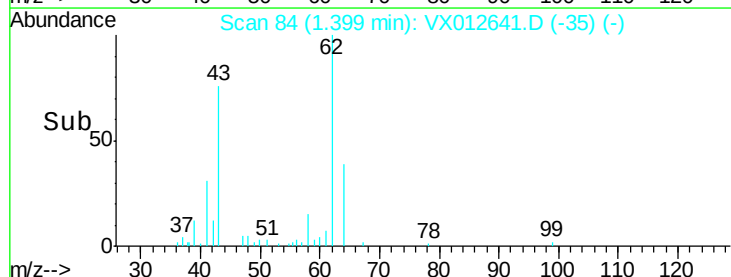
3000

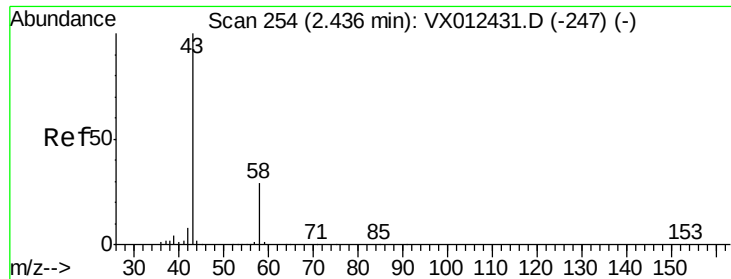
2000

1000

0

Time--> 1.35 1.40 1.45





#16

Acetone

Concen: 4.482 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012641.D

Acq: 24 Sep 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

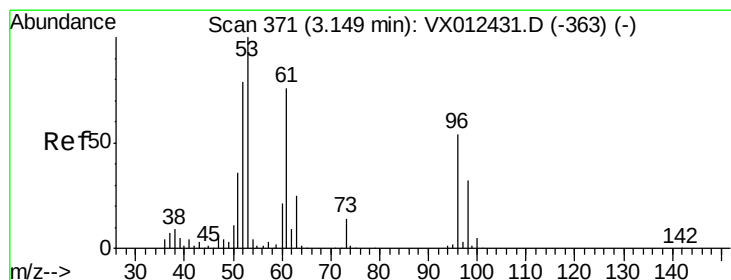
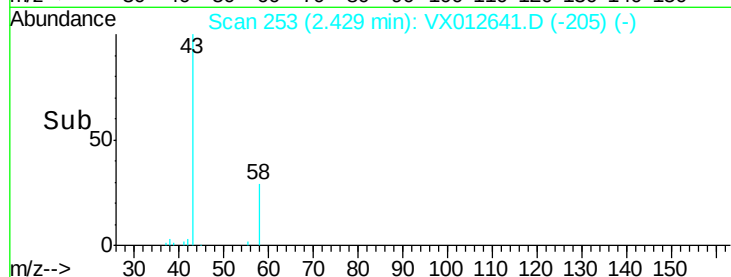
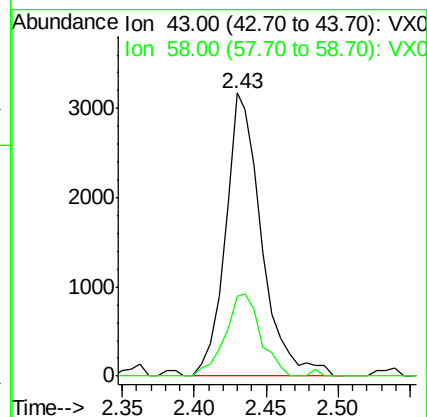
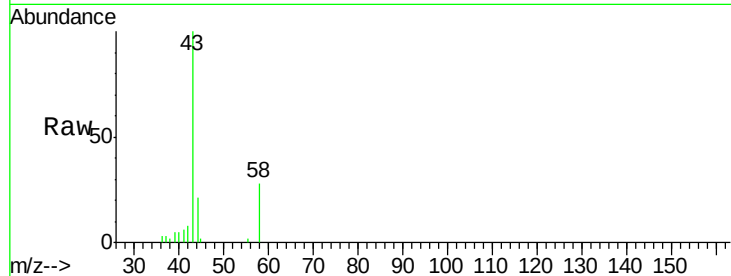
S49-0545RE

Tot Ion: 43 Resp: 5527

Ion Ratio Lower Upper

43 100

58 28.3 23.3 34.9



#21

trans-1,2-Dichloroethene

Concen: 3.453 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012641.D

Acq: 24 Sep 2019 18:27

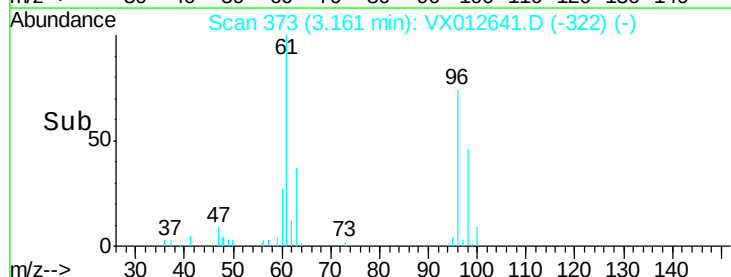
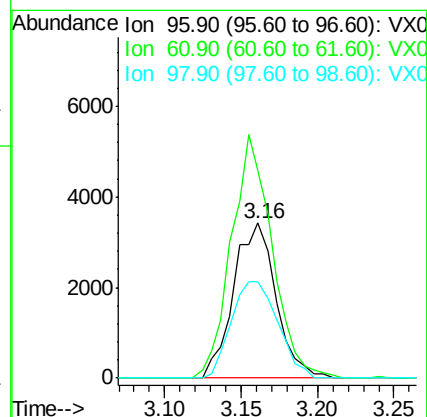
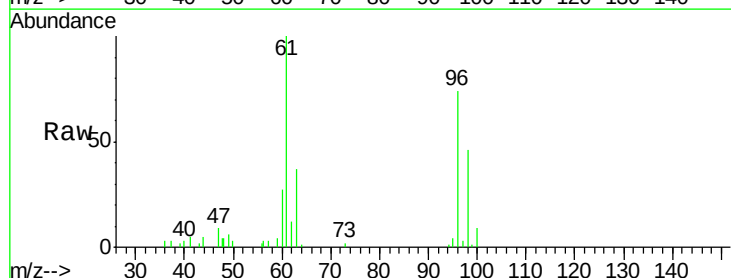
Tgt Ion: 96 Resp: 6575

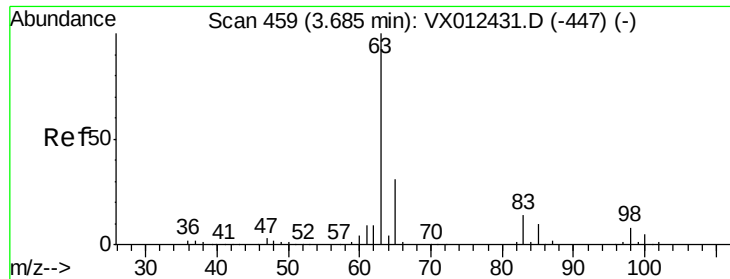
Ion Ratio Lower Upper

96 100

61 134.2 112.0 168.0

98 61.8 47.8 71.8





#24

1,1-Dichloroethane

Concen: 4.792 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012641.D

Acq: 24 Sep 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

S49-0545RE

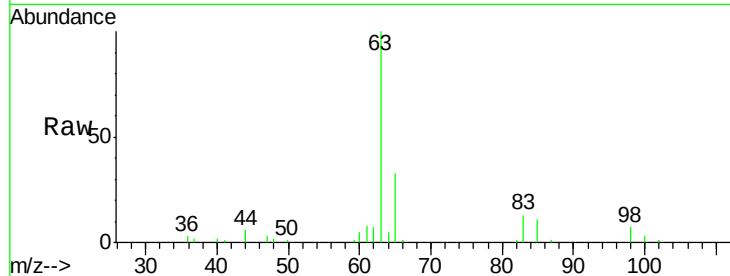
Tot Ion: 63 Resp: 17165

Ion Ratio Lower Upper

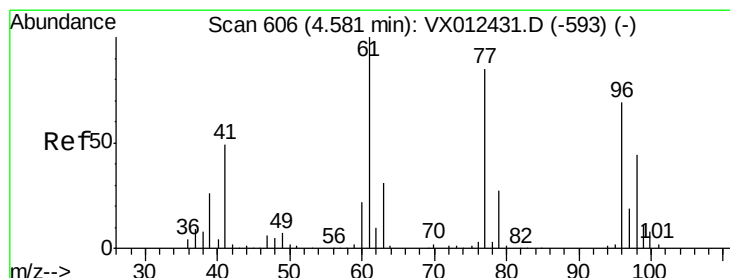
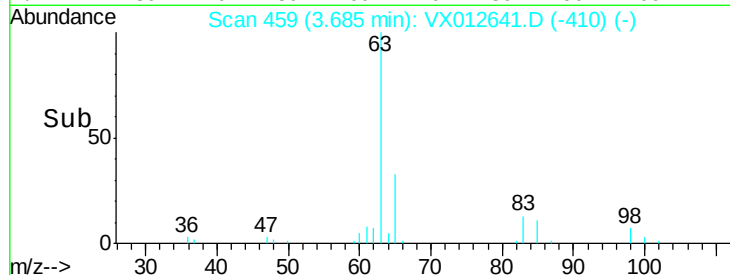
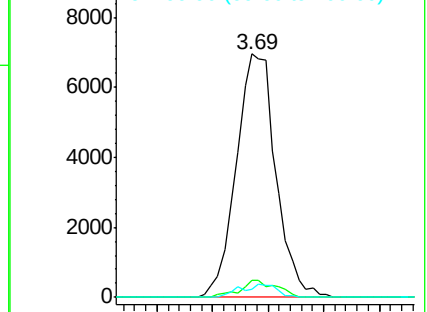
63 100

98 7.2 3.9 11.7

100 3.5 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 13.900 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012641.D

Acq: 24 Sep 2019 18:27

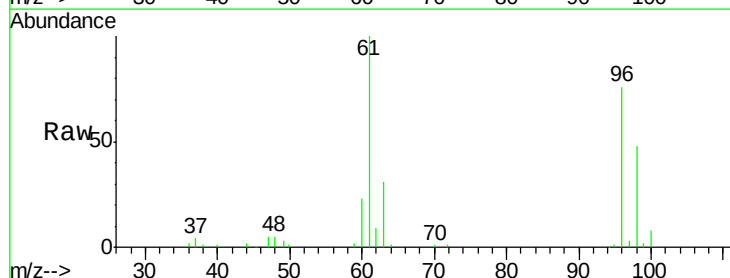
Tgt Ion: 96 Resp: 30714

Ion Ratio Lower Upper

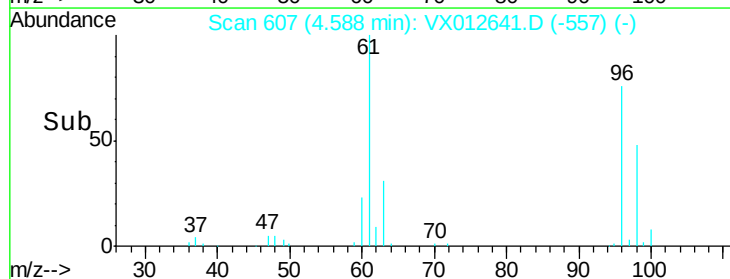
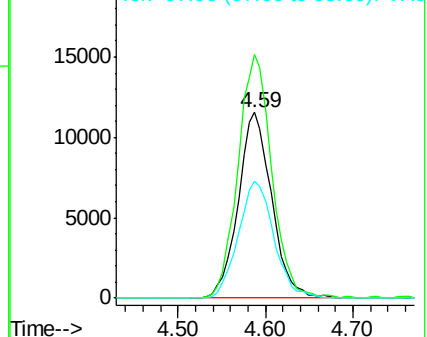
96 100

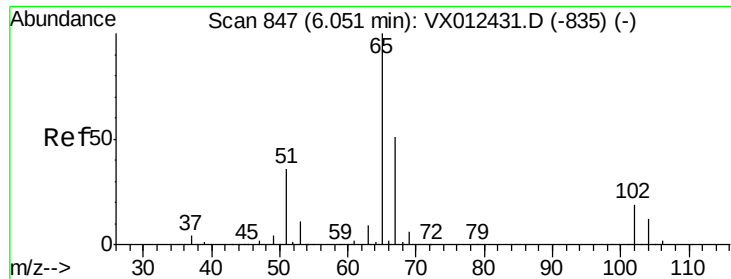
61 132.3 0.0 319.4

98 66.5 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

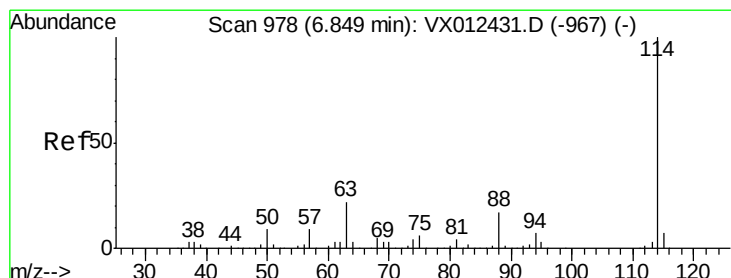
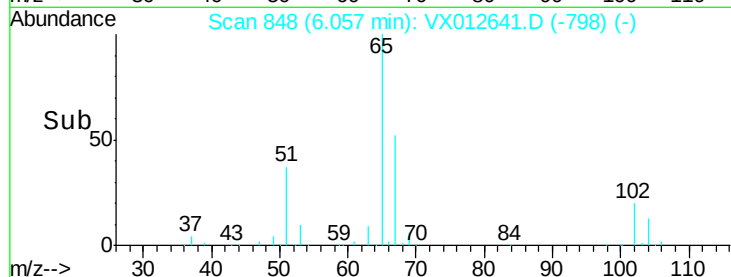
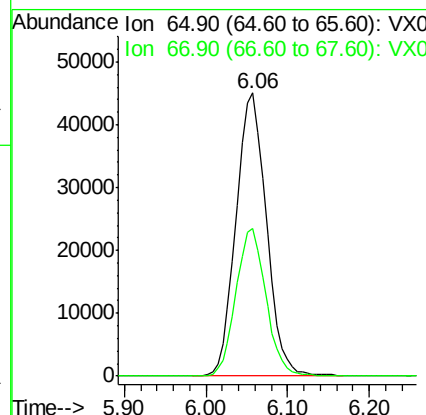
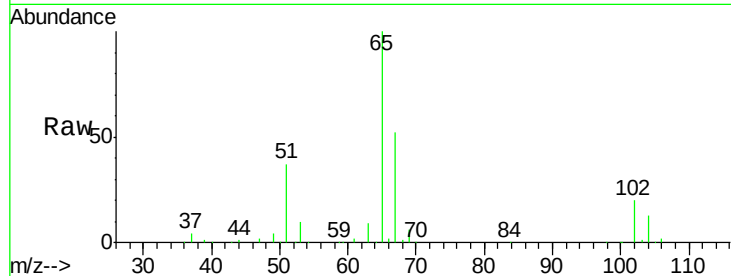




#33
 1,2-Dichloroethane-d4
 Concen: 49.969 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012641.D
 Acq: 24 Sep 2019 18:27

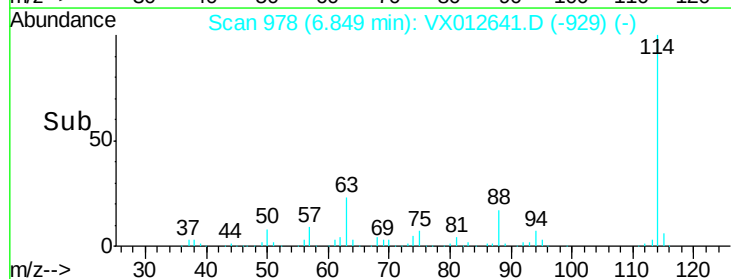
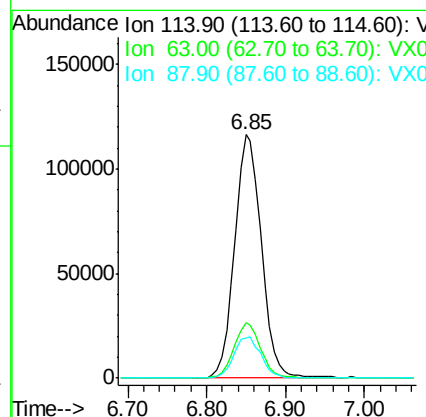
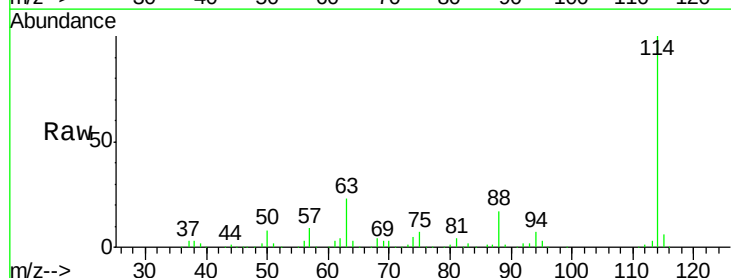
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0545RE

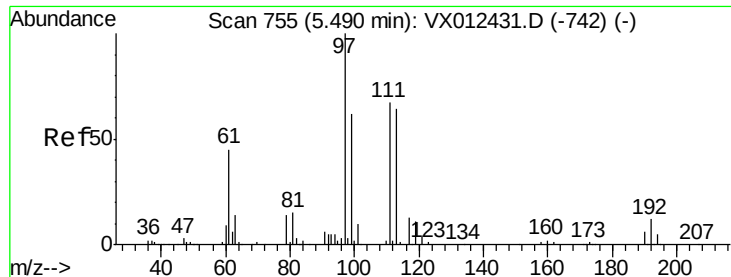
Tot Ion: 65 Resp: 116331
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012641.D
 Acq: 24 Sep 2019 18:27

Tgt Ion: 114 Resp: 275191
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.2
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.276 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012641.D

Acq: 24 Sep 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

S49-0545RE

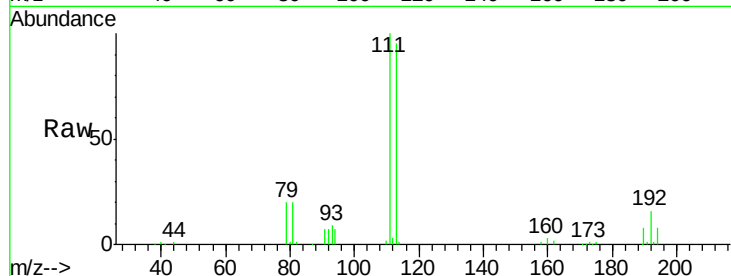
Tot Ion:113 Resp: 84036

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

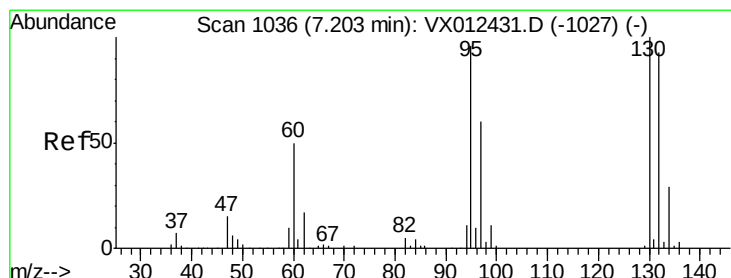
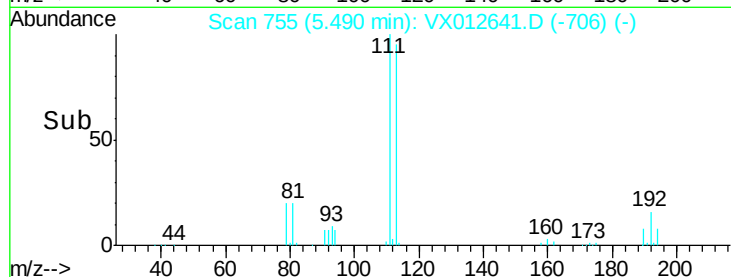
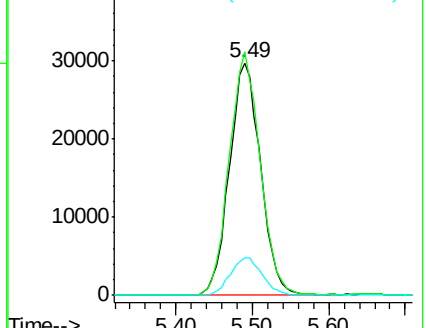
192 16.6 14.4 21.6



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: 0.737 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012641.D

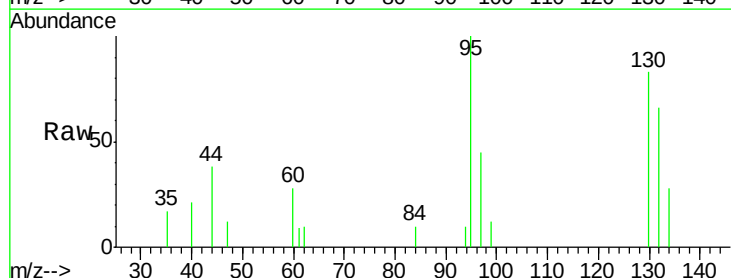
Acq: 24 Sep 2019 18:27

Tgt Ion:130 Resp: 1471

Ion Ratio Lower Upper

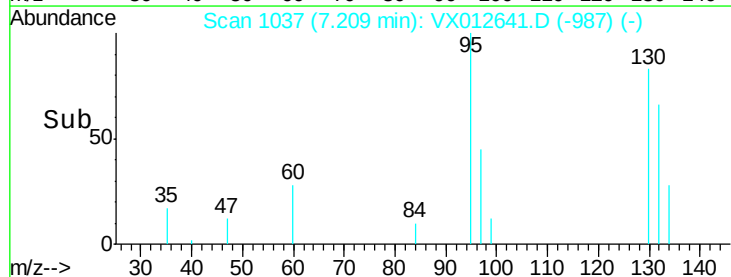
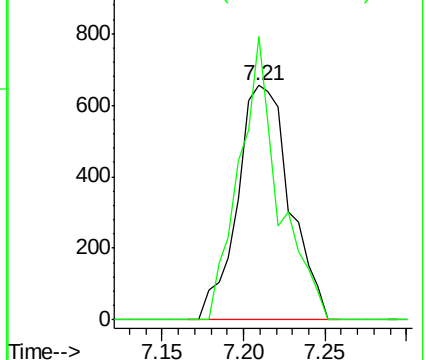
130 100

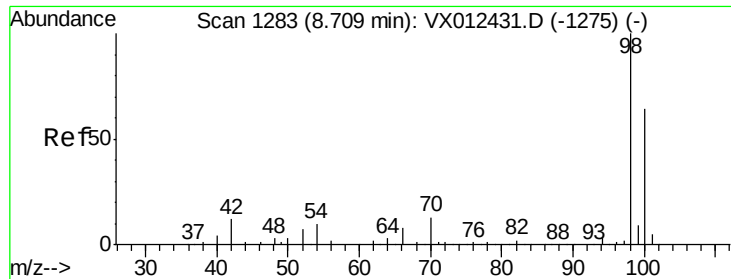
95 120.9 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

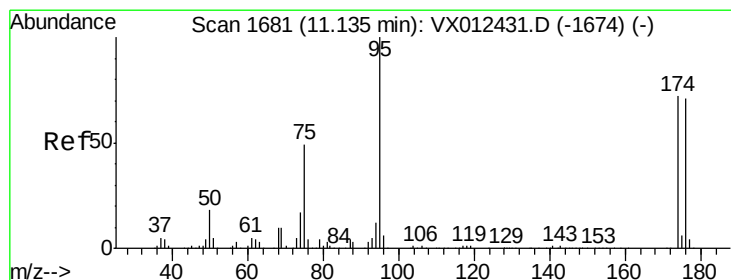
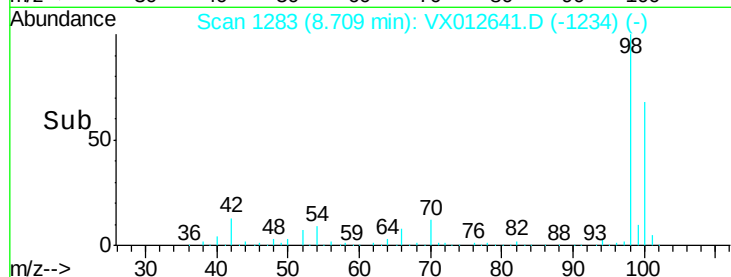
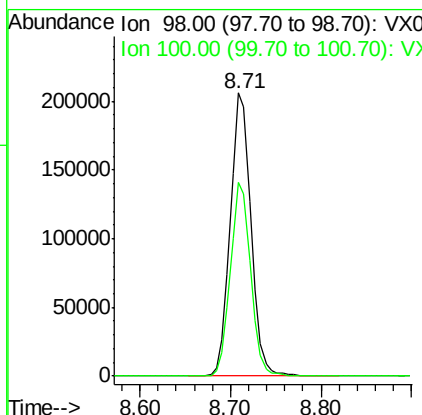
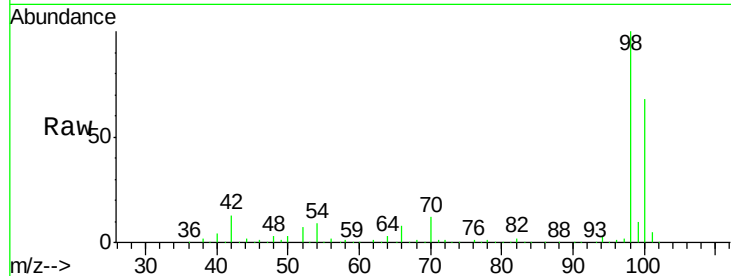




#50
Toluene-d8
Concen: 51.771 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

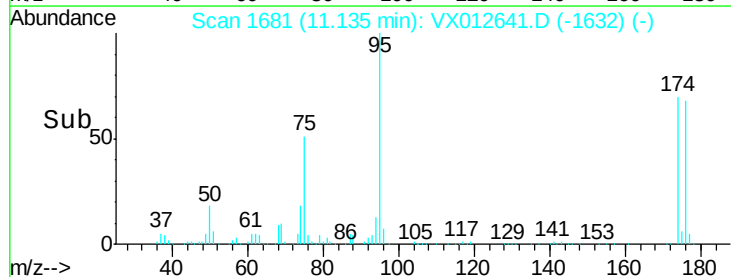
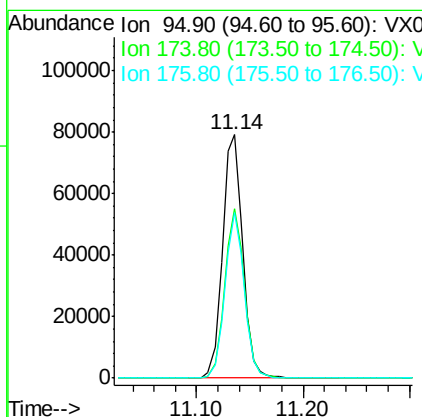
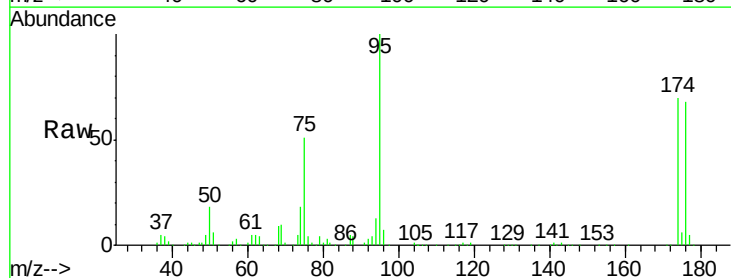
Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

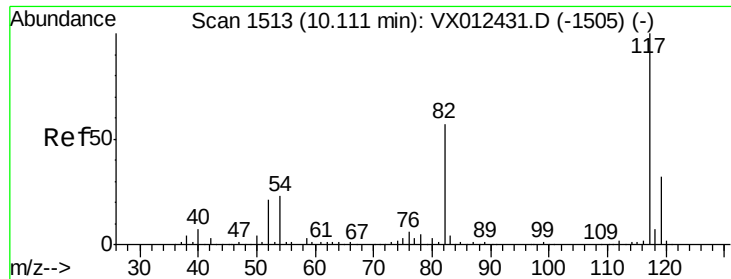
Tot Ion: 98 Resp: 326752
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 41.901 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion: 95 Resp: 103984
Ion Ratio Lower Upper
95 100
174 68.5 0.0 140.0
176 65.7 0.0 135.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012641.D

Acq: 24 Sep 2019 18:27

Instrument :

MSVOA_X

ClientSampled :

S49-0545RE

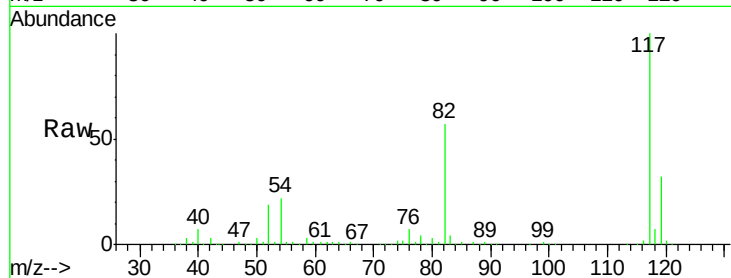
Tot Ion:117 Resp: 231544

Ion Ratio Lower Upper

117 100

82 57.1 45.9 68.9

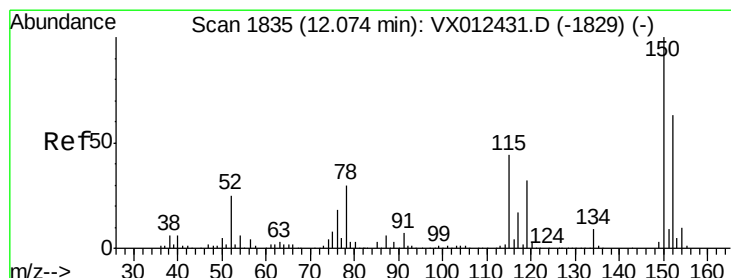
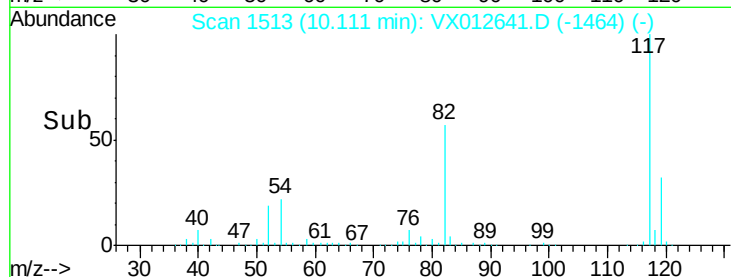
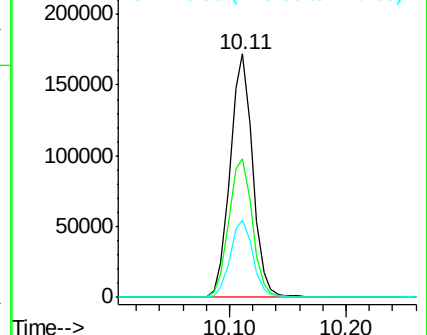
119 31.8 25.3 37.9



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012641.D

Acq: 24 Sep 2019 18:27

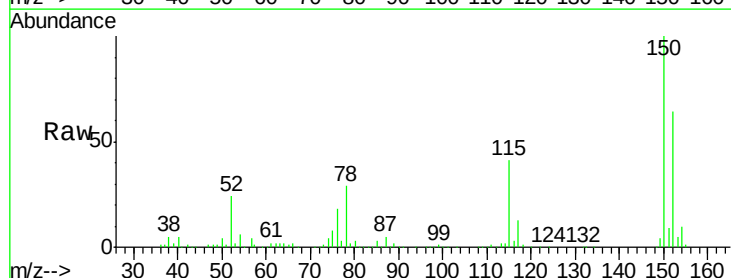
Tgt Ion:152 Resp: 81331

Ion Ratio Lower Upper

152 100

115 65.1 44.1 132.3

150 154.2 0.0 343.8



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

