

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
 Data File : VX014923.D
 Acq On : 12 Feb 2020 14:16
 Operator : JC/SP
 Sample : L1495-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW002-200211

Quant Time: Feb 13 04:00:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

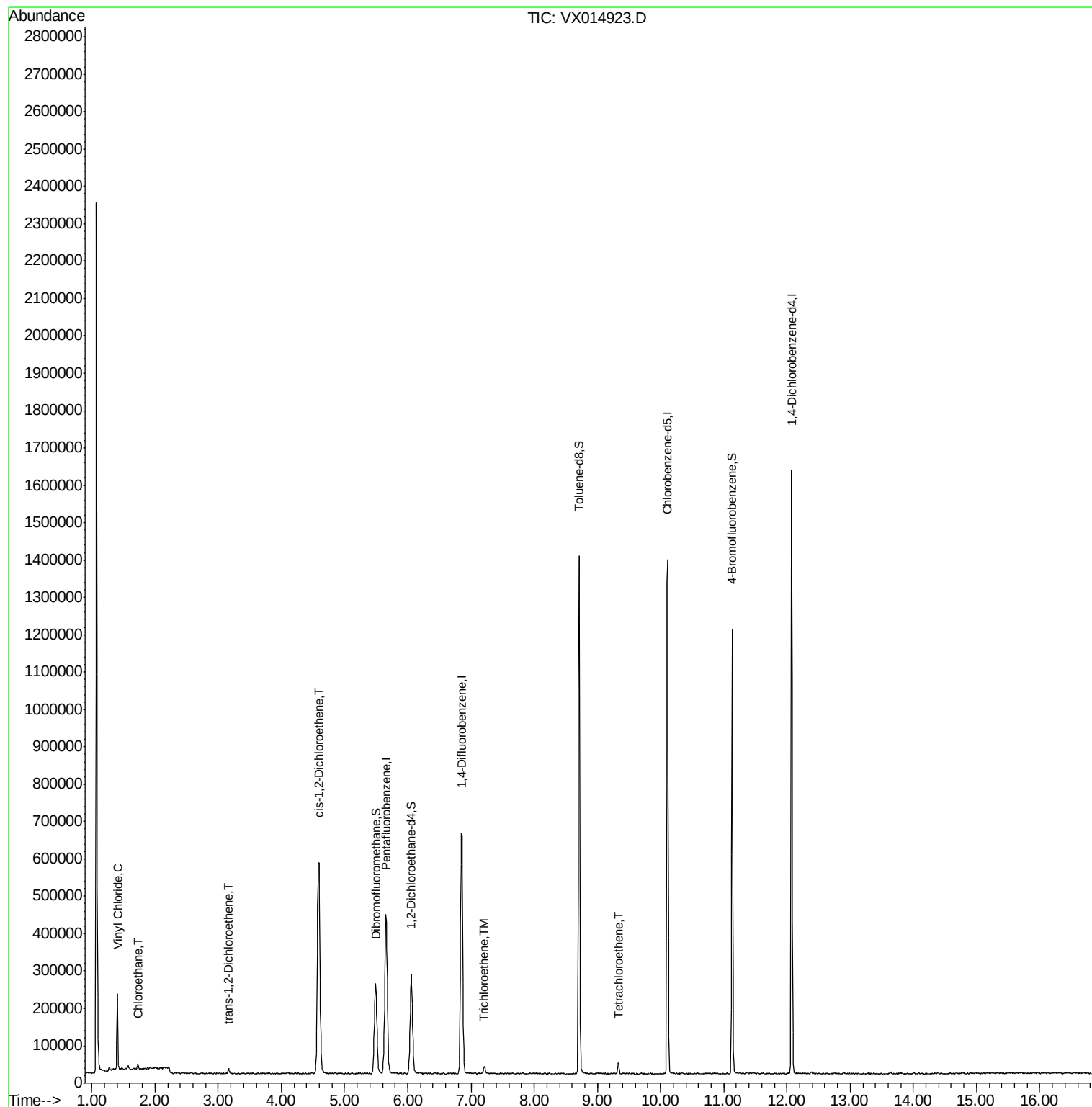
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	439534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	679762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	654251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	251233	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
35) Dibromofluoromethane	5.49	113	211031	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	8.71	98	818099	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.13	95	303768	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
Target Compounds						
4) Vinyl Chloride	1.41	62	130786	25.726	ug/l	95
6) Chloroethane	1.73	64	7384	2.270	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	5721	1.287	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	374908	75.446	ug/l	89
44) Trichloroethene	7.21	130	9026	1.711	ug/l	82
64) Tetrachloroethene	9.33	164	6544	1.070	ug/l	95

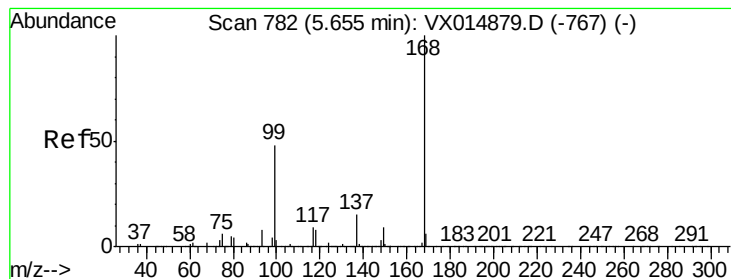
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014923.D

Acq: 12 Feb 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

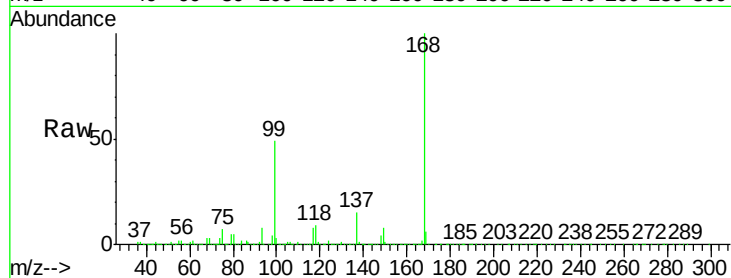
ST008MW002-200211

Tot Ion:168 Resp: 439534

Ion Ratio Lower Upper

168 100

99 48.6 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

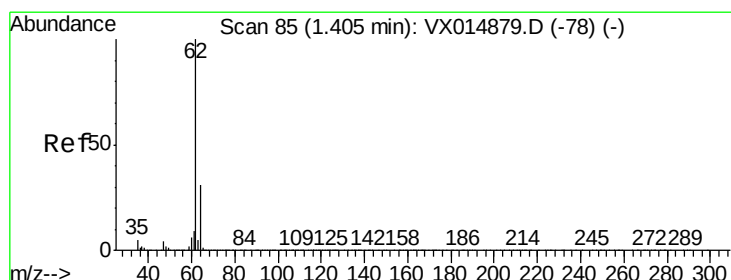
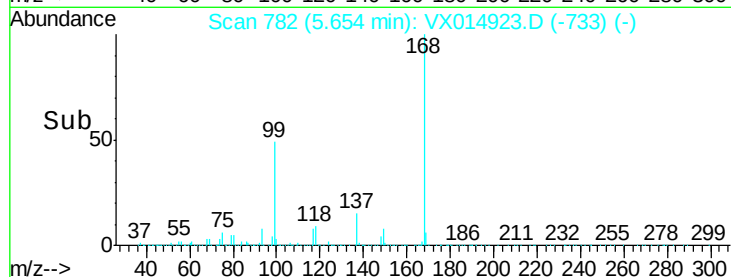
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 25.726 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX014923.D

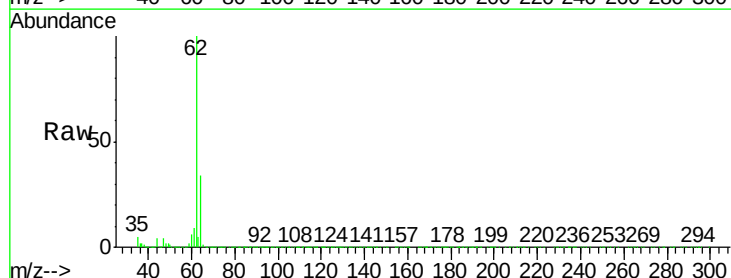
Acq: 12 Feb 2020 14:16

Tgt Ion: 62 Resp: 130786

Ion Ratio Lower Upper

62 100

64 33.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

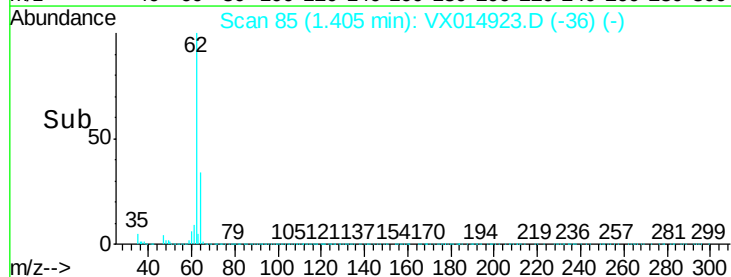
1.41

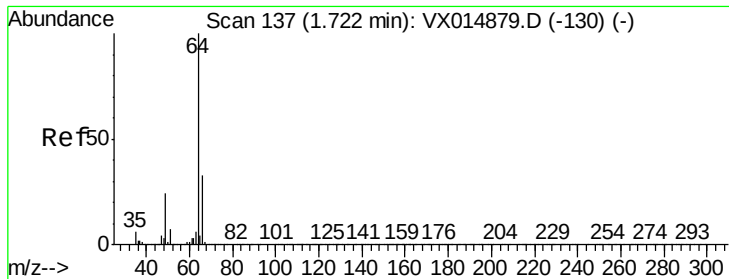
100000

50000

0

Time-->





#6

Chloroethane

Concen: 2.270 ug/l

RT: 1.73 min Scan# 138

Delta R.T. 0.01 min

Lab File: VX014923.D

Acq: 12 Feb 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

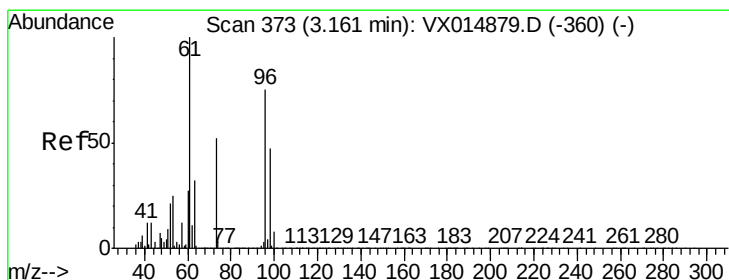
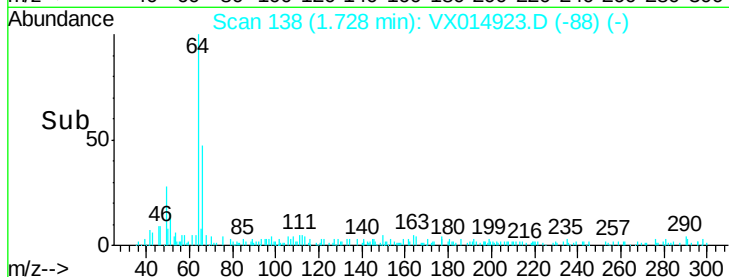
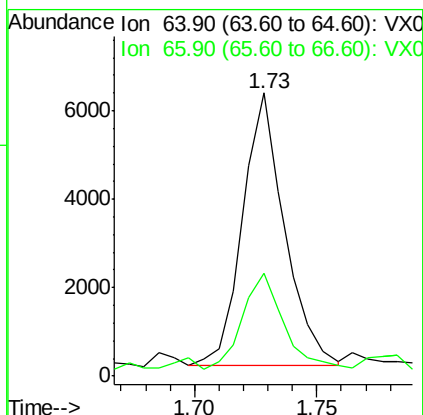
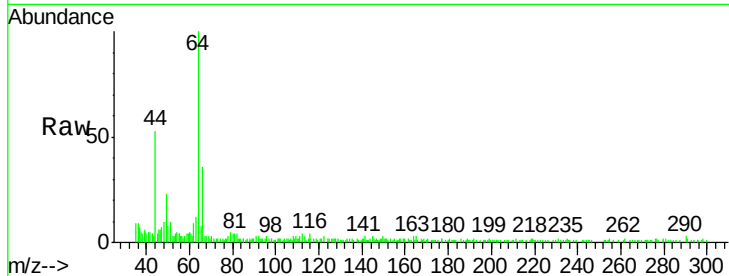
ST008MW002-200211

Tot Ion: 64 Resp: 7384

Ion Ratio Lower Upper

64 100

66 33.5 26.2 39.4



#21

trans-1,2-Dichloroethene

Concen: 1.287 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX014923.D

Acq: 12 Feb 2020 14:16

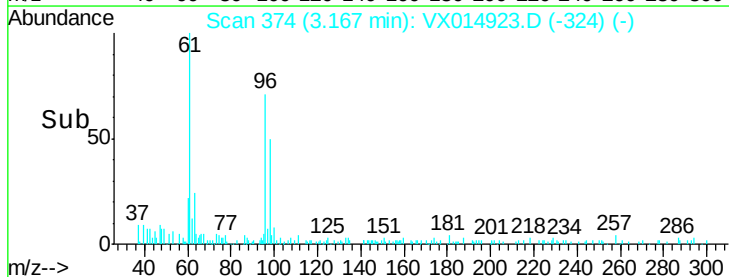
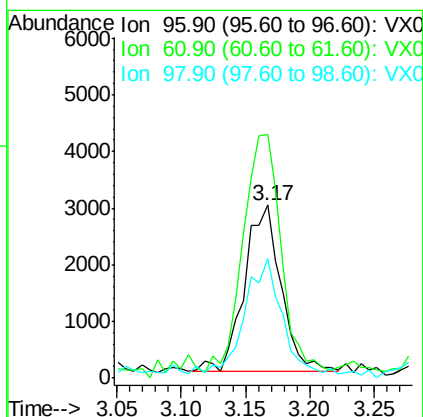
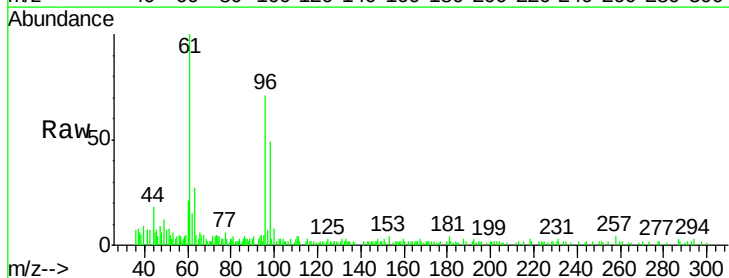
Tgt Ion: 96 Resp: 5721

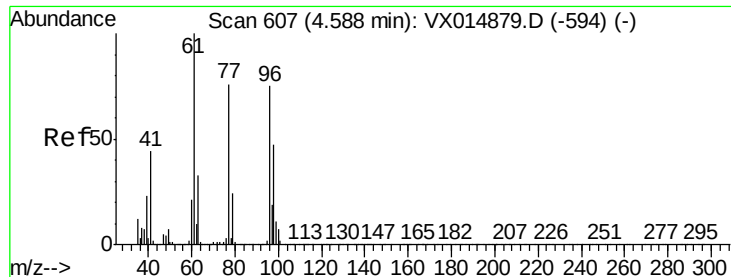
Ion Ratio Lower Upper

96 100

61 140.8 106.9 160.3

98 69.6 50.7 76.1



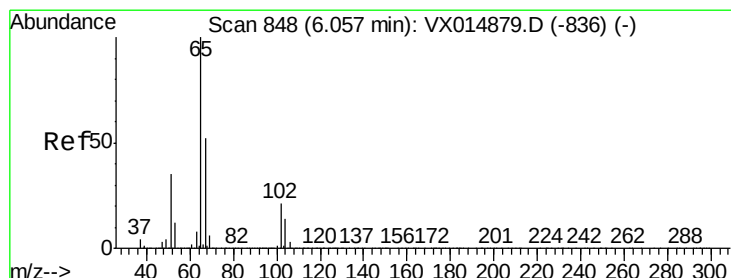
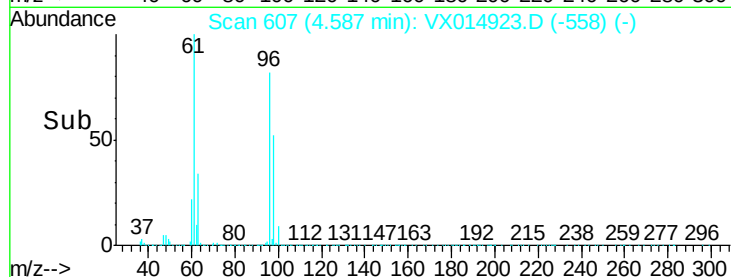
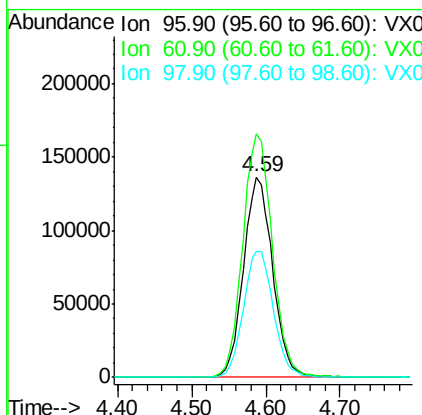
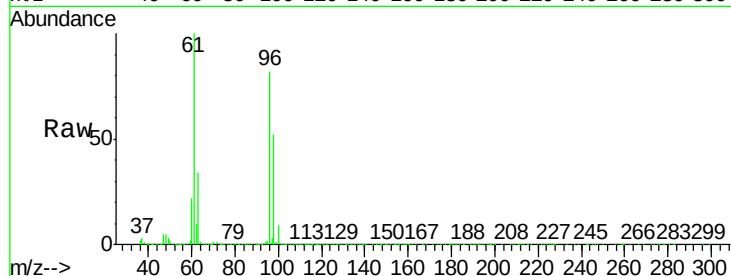


#27

cis-1,2-Dichloroethene
Concen: 75.446 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014923.D
Acq: 12 Feb 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
ST008MW002-200211

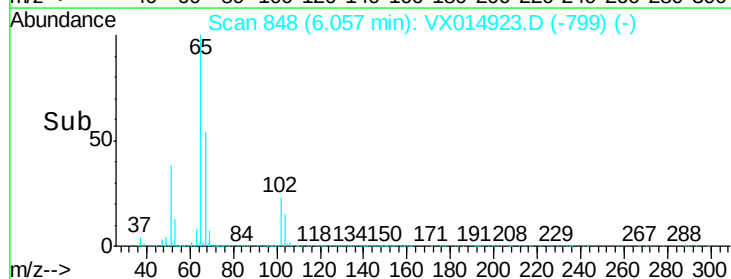
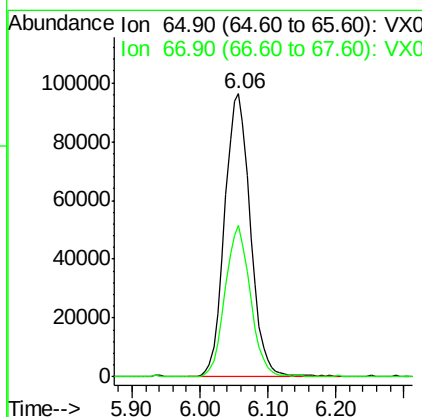
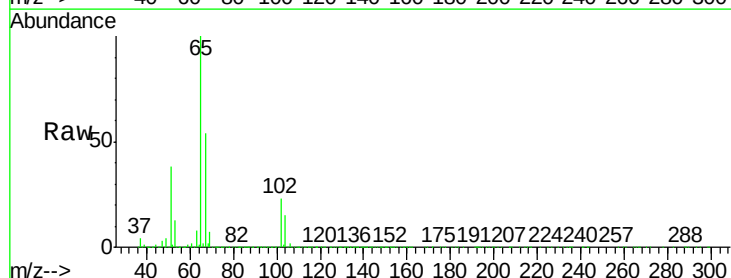
Tot Ion	Ratio	Lower	Upper
96	100		
61	123.4	0.0	286.2
98	64.9	0.0	131.0

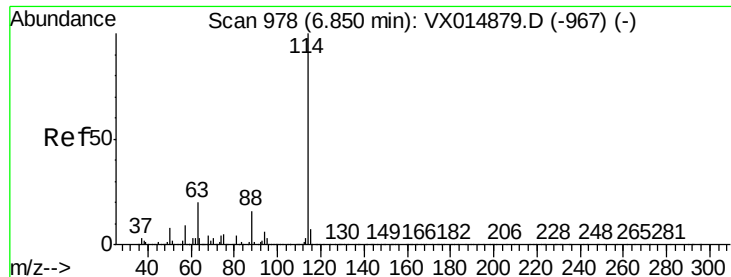


#33

1,2-Dichloroethane-d4
Concen: 50.647 ug/l
RT: 6.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: VX014923.D
Acq: 12 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	103.0

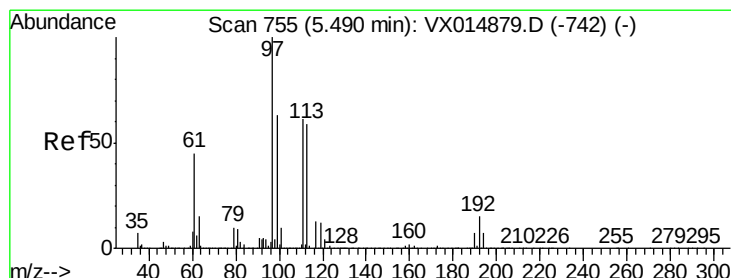
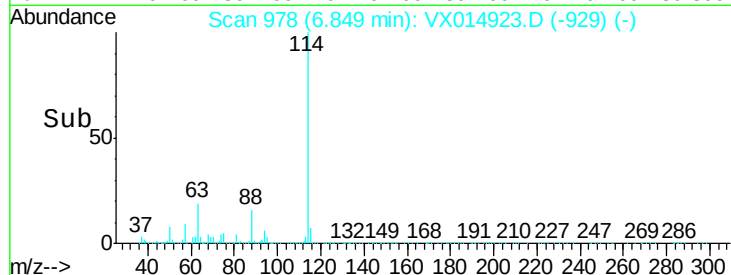
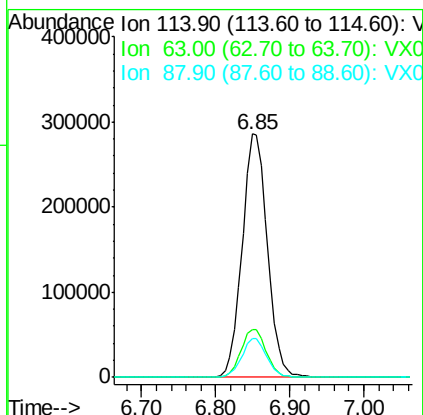
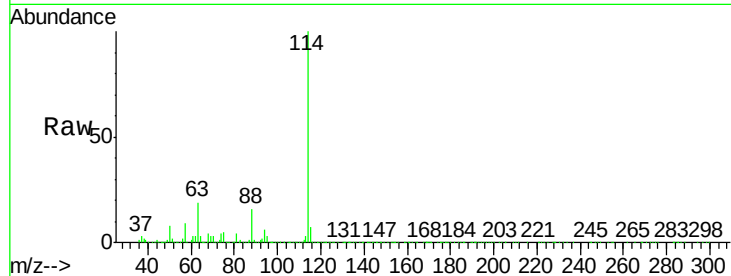




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014923.D
Acq: 12 Feb 2020 14:16

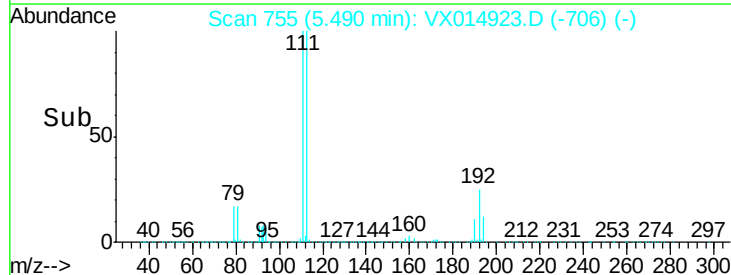
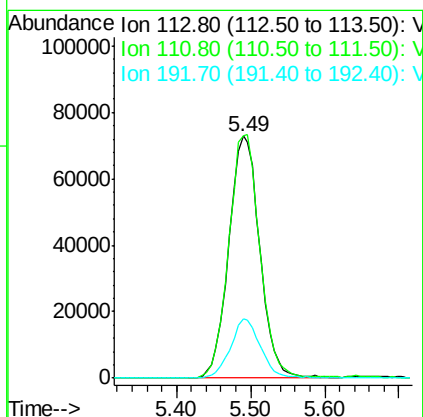
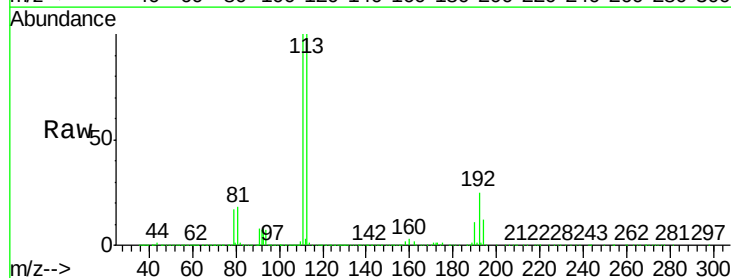
Instrument :
MSVOA_X
ClientSampleId :
ST008MW002-200211

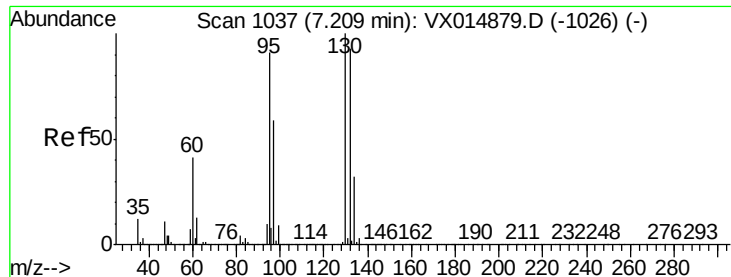
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	15.6	0.0	32.0



#35
Dibromofluoromethane
Concen: 50.498 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014923.D
Acq: 12 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.4	123.6
192	23.9	19.1	28.7





#44

Trichloroethene

Concen: 1.711 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014923.D

Acq: 12 Feb 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

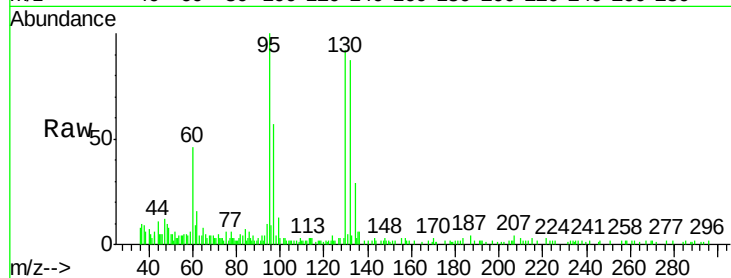
ST008MW002-200211

Tot Ion:130 Resp: 9026

Ion Ratio Lower Upper

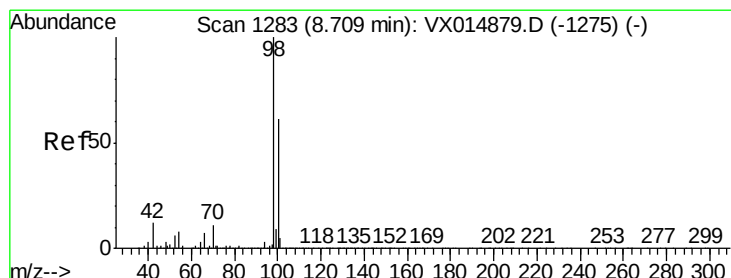
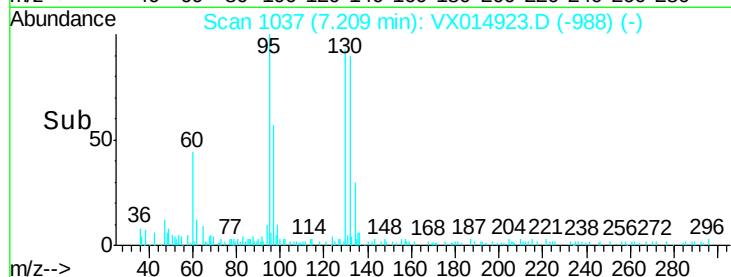
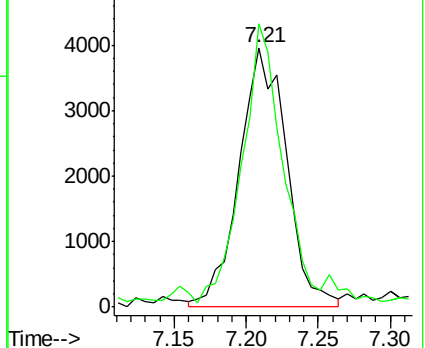
130 100

95 108.5 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.286 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014923.D

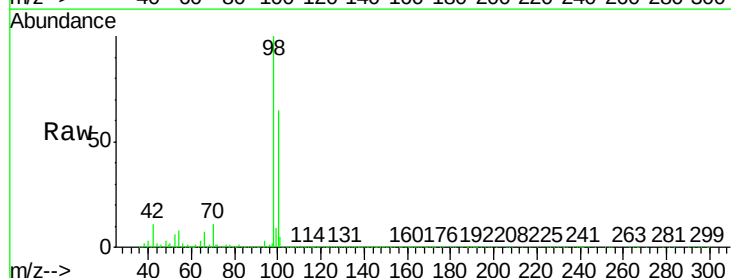
Acq: 12 Feb 2020 14:16

Tgt Ion: 98 Resp: 818099

Ion Ratio Lower Upper

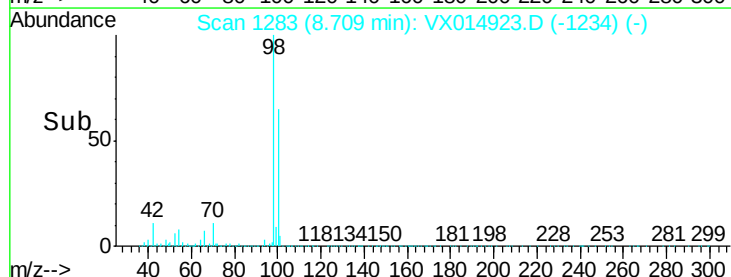
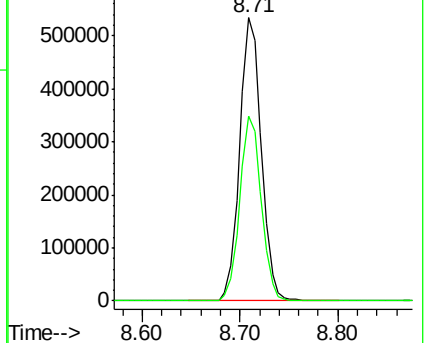
98 100

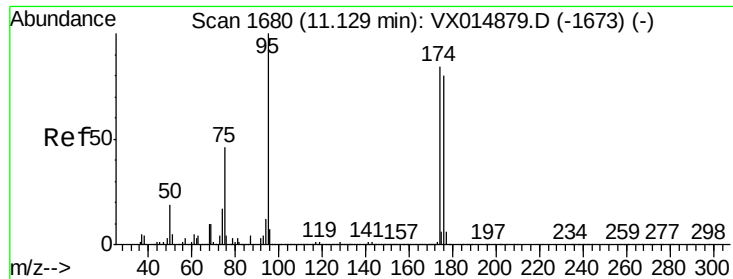
100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.863 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014923.D

Acq: 12 Feb 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

ST008MW002-200211

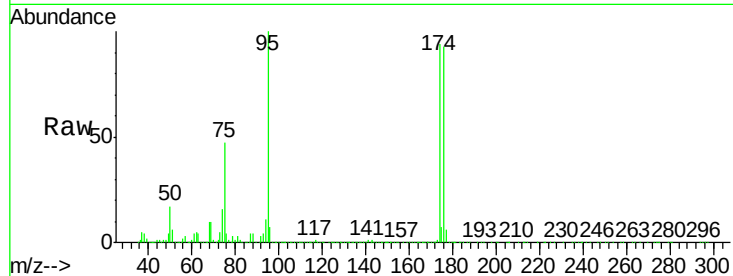
Tot Ion: 95 Resp: 303768

Ion Ratio Lower Upper

95 100

174 91.5 0.0 183.0

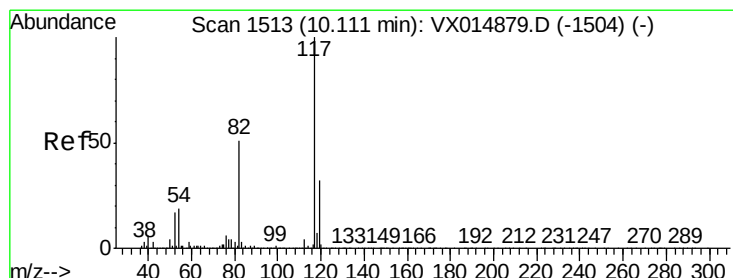
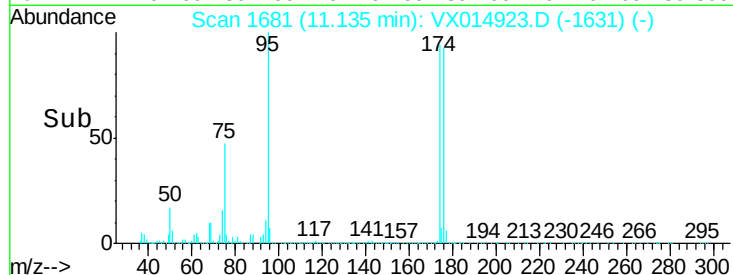
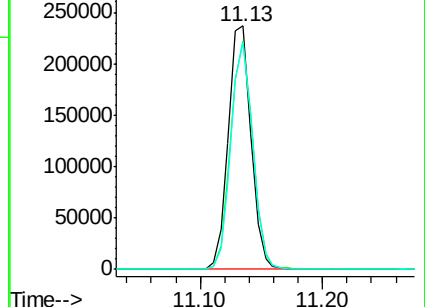
176 89.4 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX014879.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX014879.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX014879.D (-1673) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014923.D

Acq: 12 Feb 2020 14:16

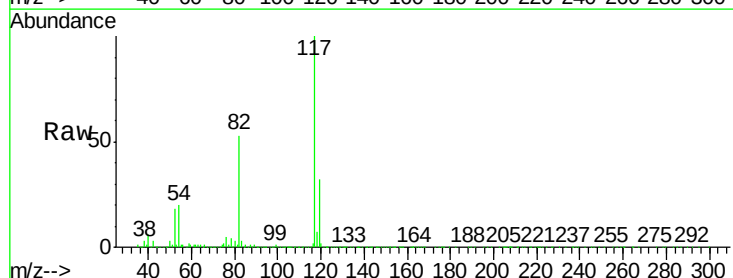
Tgt Ion: 117 Resp: 654251

Ion Ratio Lower Upper

117 100

82 52.7 40.5 60.7

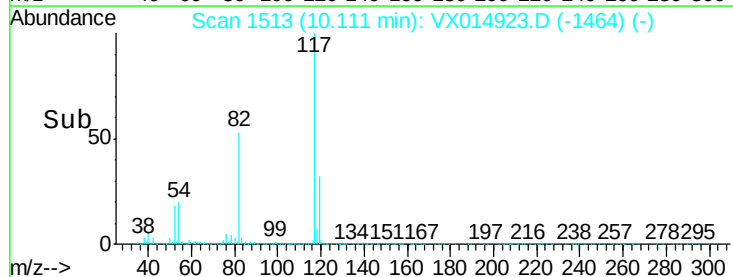
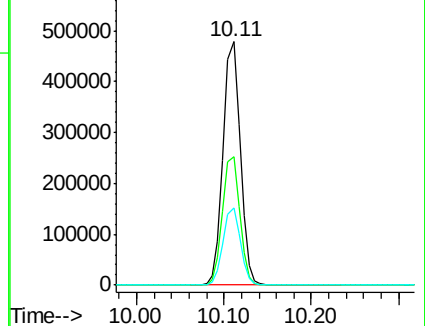
119 31.8 25.8 38.6

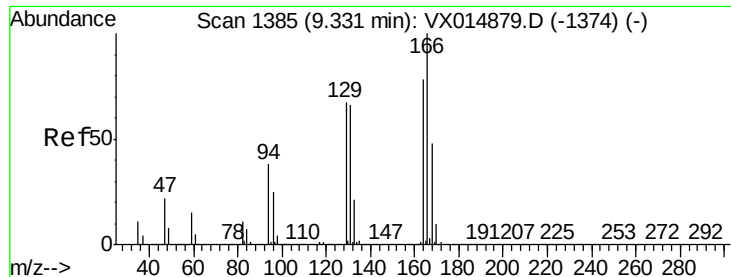


Abundance Ion 116.90 (116.60 to 117.60): VX014879.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX014879.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014879.D (-1504) (-)





#64

Tetrachloroethene

Concen: 1.070 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX014923.D

Acq: 12 Feb 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

ST008MW002-200211

Tot Ion:164 Resp: 6544

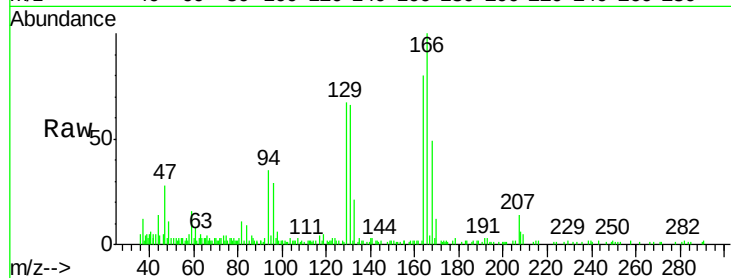
Ion Ratio Lower Upper

164 100

166 123.9 102.6 153.8

129 79.0 68.3 102.5

131 79.5 67.4 101.2



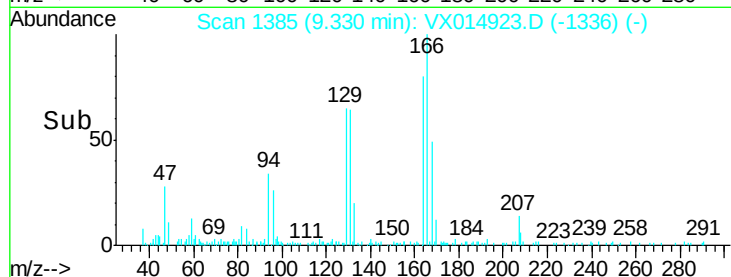
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



Abundance

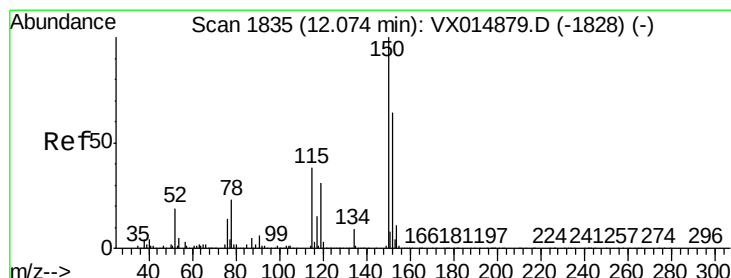
Ion 163.80 (163.50 to 164.50): V

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

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014923.D

Acq: 12 Feb 2020 14:16

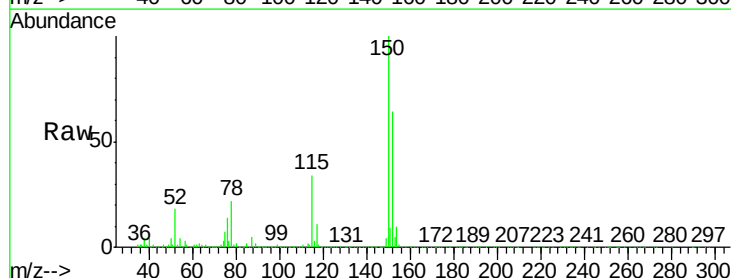
Tgt Ion:152 Resp: 341222

Ion Ratio Lower Upper

152 100

115 54.5 38.6 116.0

150 156.8 0.0 349.0

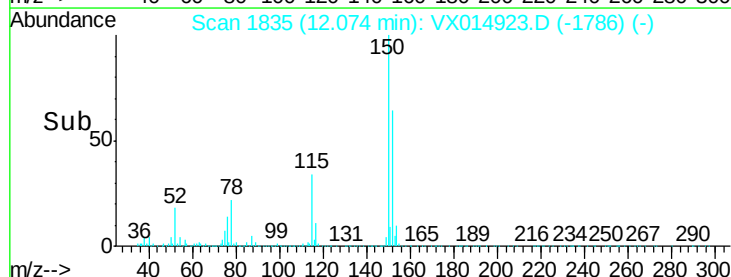


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



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

Time-->