

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050652.D
 Acq On : 15 Aug 2018 13:59
 Operator : MD\SY
 Sample : J4465-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 941-MW-02(23.8)

Quant Time: Aug 16 03:19:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	632097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	957998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	846547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	319867	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	408899	51.32	ug/l	0.00
Spiked Amount						
			Recovery	=	102.64%	
35) Dibromofluoromethane	7.59	113	384814	50.31	ug/l	0.00
Spiked Amount						
			Recovery	=	100.62%	
50) Toluene-d8	10.09	98	1363861	47.38	ug/l	0.00
Spiked Amount						
			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	12.40	95	390341	41.05	ug/l	0.00
Spiked Amount						
			Recovery	=	82.10%	

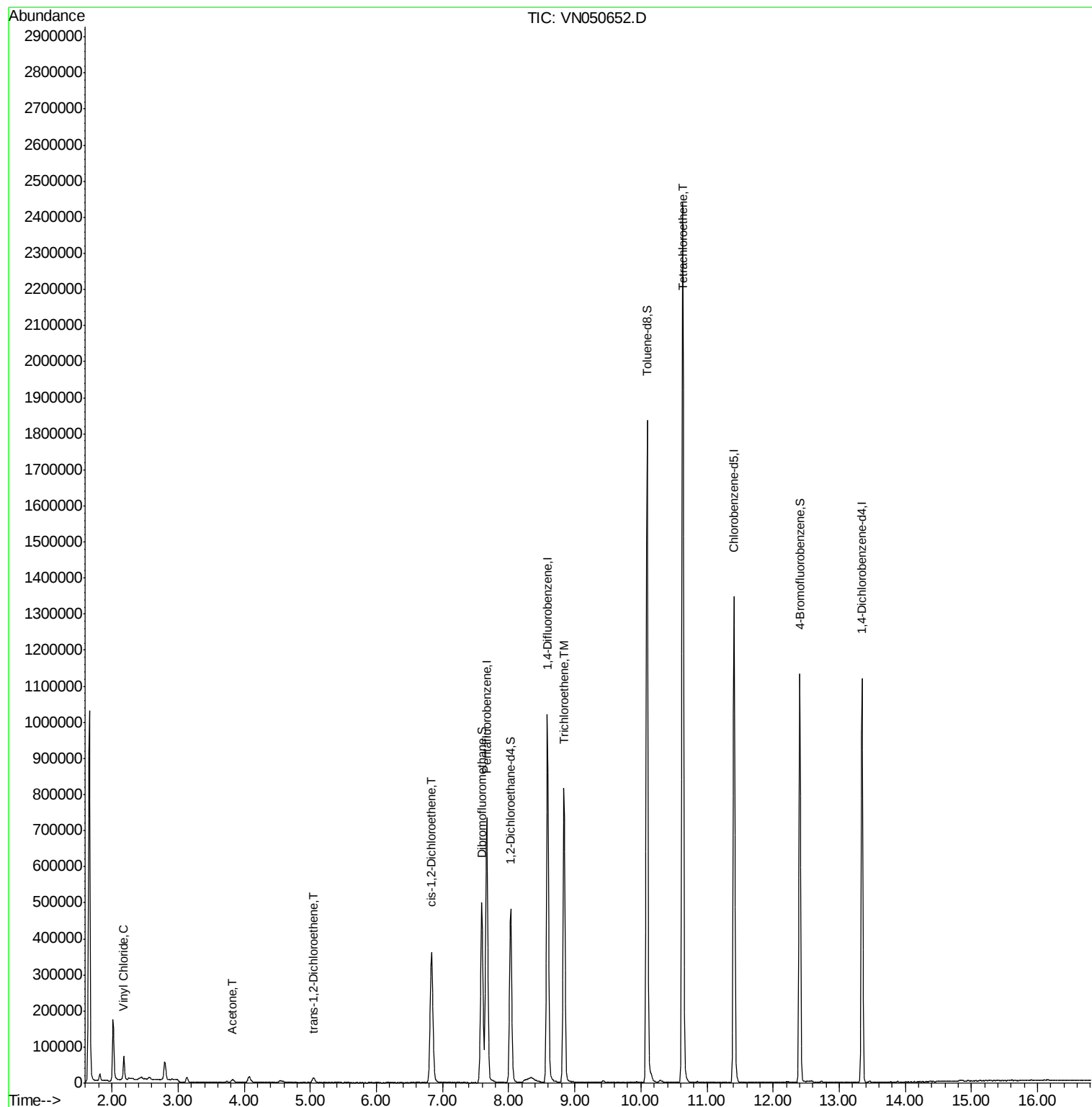
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.18	62	9882	1.04	ug/l	94
16) Acetone	3.83	43	16916	7.09	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	8563	1.15	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	255963	30.91	ug/l	92
44) Trichloroethene	8.84	130	320094	36.83	ug/l	100
64) Tetrachloroethene	10.63	164	624177	79.39	ug/l	100

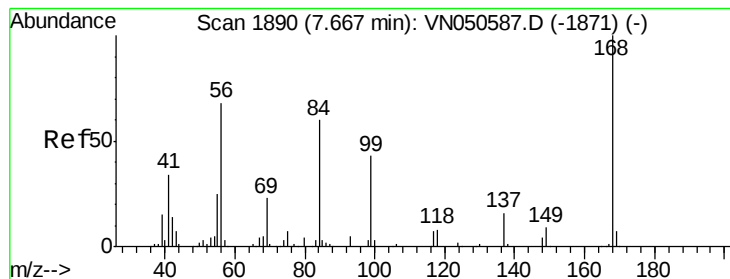
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081518\
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Acq On : 15 Aug 2018 13:59
Operator : MD\SY
Sample : J4465-02
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
941-MW-02(23.8)

Quant Time: Aug 16 03:19:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

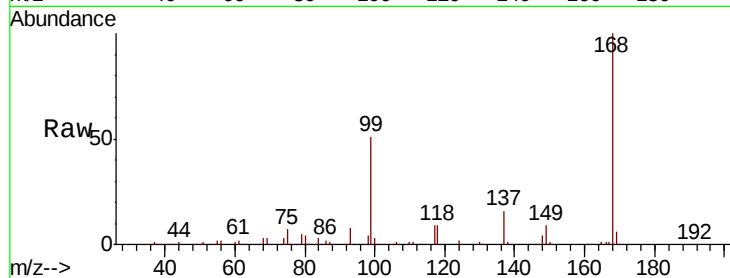
941-MW-02(23.8)

Tot Ion:168 Resp: 632097

Ion Ratio Lower Upper

168 100

99 50.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

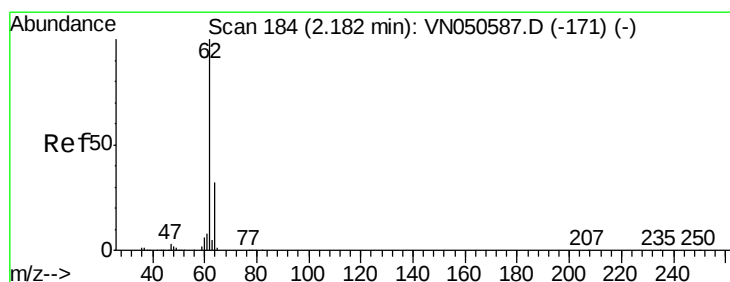
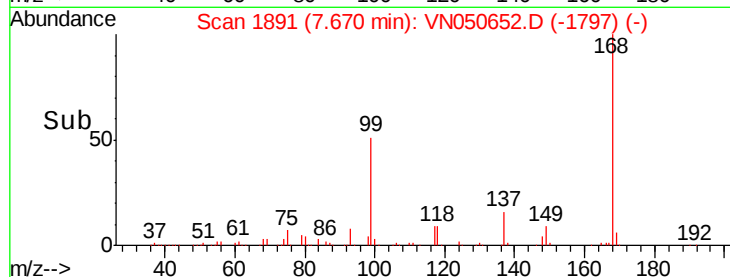
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 1.04 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050652.D

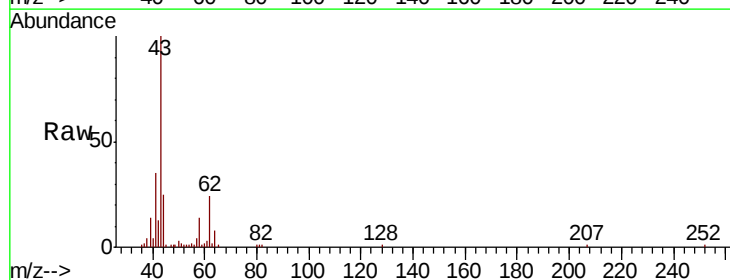
Acq: 15 Aug 2018 13:59

Tgt Ion: 62 Resp: 9882

Ion Ratio Lower Upper

62 100

64 34.7 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

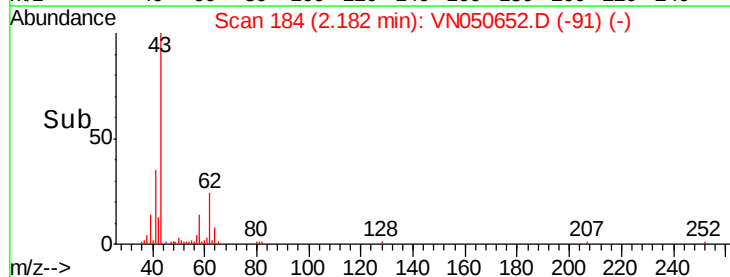
6000

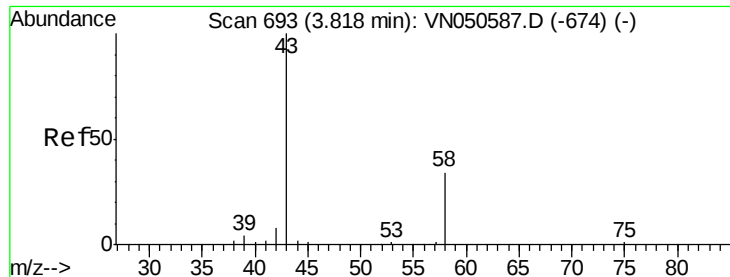
4000

2000

0

Time-->





#16

Acetone

Concen: 7.09 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

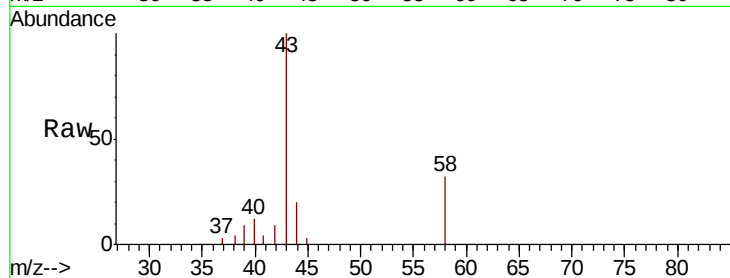
941-MW-02(23.8)

Tot Ion: 43 Resp: 16916

Ion Ratio Lower Upper

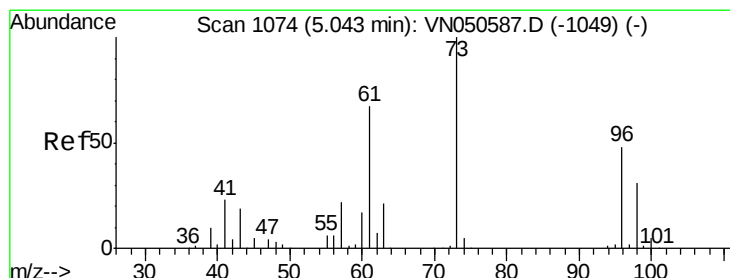
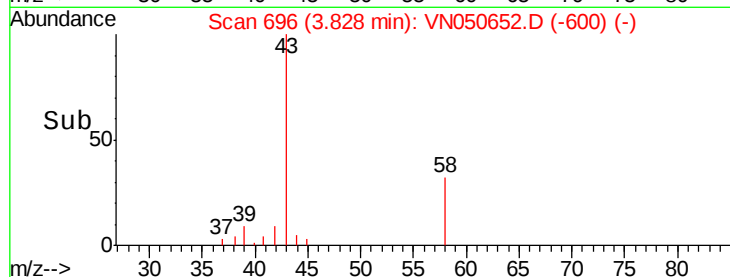
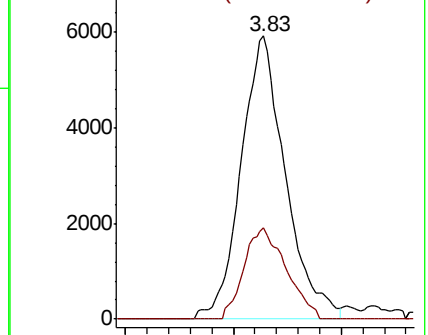
43 100

58 32.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#21

trans-1,2-Dichloroethene

Concen: 1.15 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

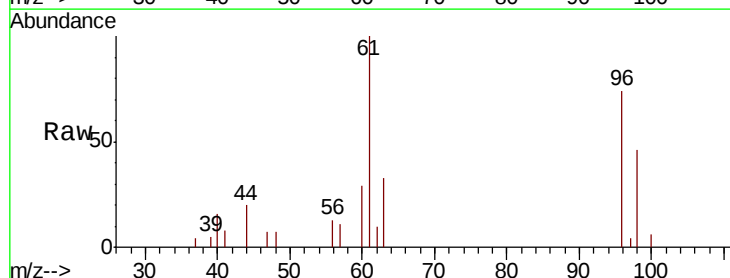
Tgt Ion: 96 Resp: 8563

Ion Ratio Lower Upper

96 100

61 134.4 111.2 166.8

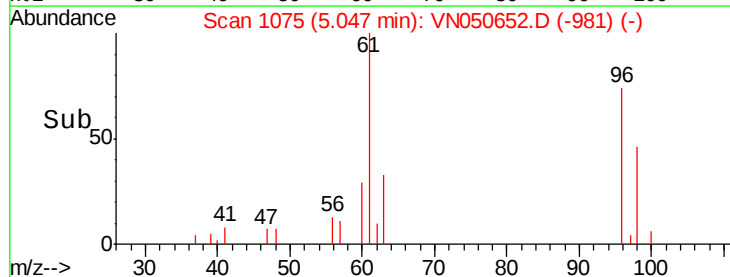
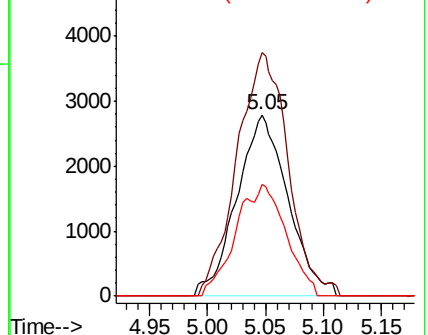
98 61.5 51.6 77.4

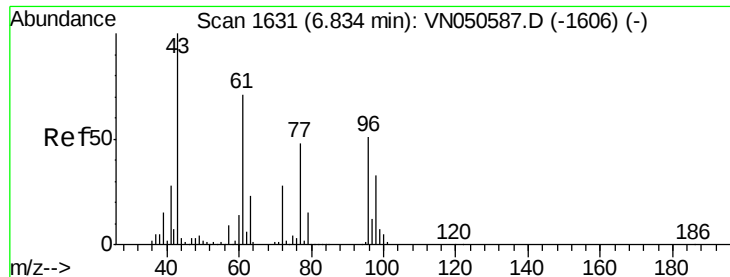


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 30.91 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

941-MW-02(23.8)

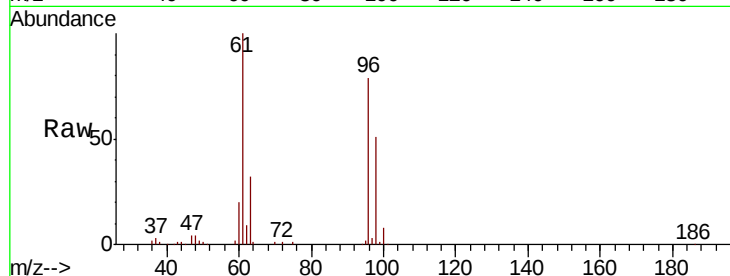
Tot Ion: 96 Resp: 255963

Ion Ratio Lower Upper

96 100

61 125.5 0.0 278.2

98 63.8 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VN0
150000 Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

100000

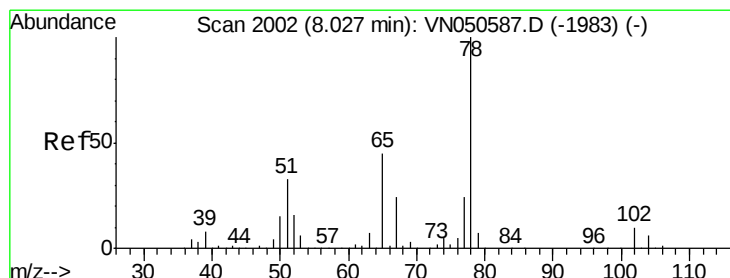
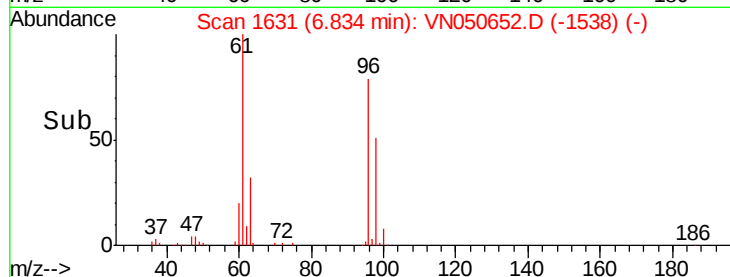
50000

0

6.83

6.70 6.80 6.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.32 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050652.D

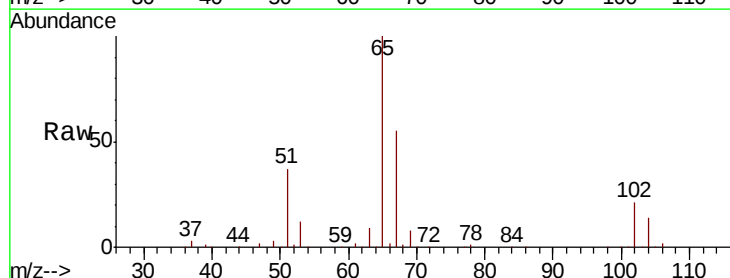
Acq: 15 Aug 2018 13:59

Tgt Ion: 65 Resp: 408899

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
200000 Ion 66.90 (66.60 to 67.60): VN0

150000

100000

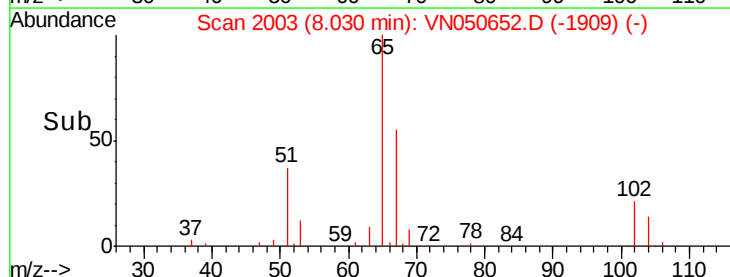
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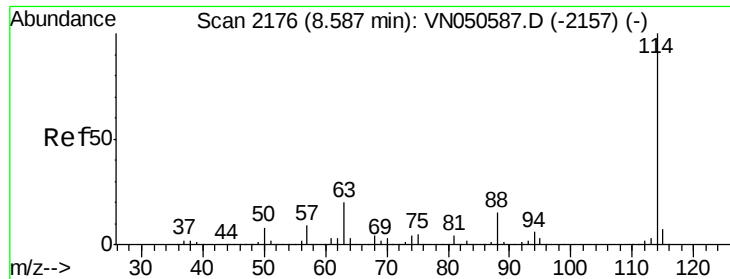
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8.03

7.90 8.00 8.10

Time-->

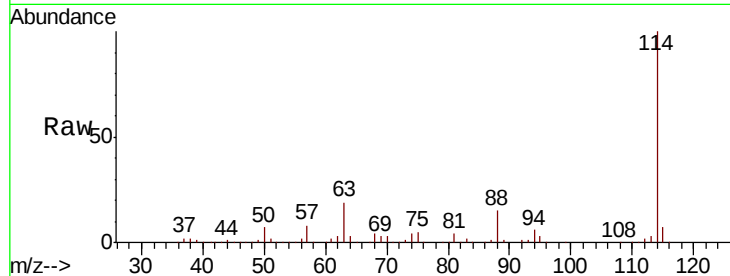




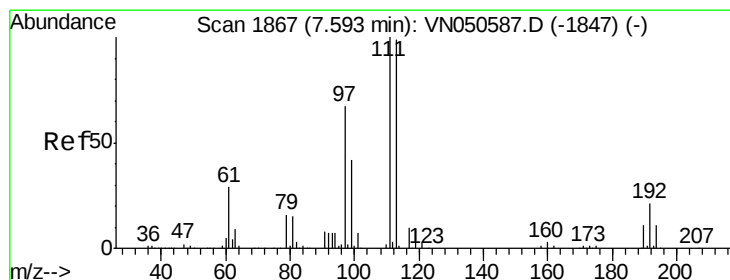
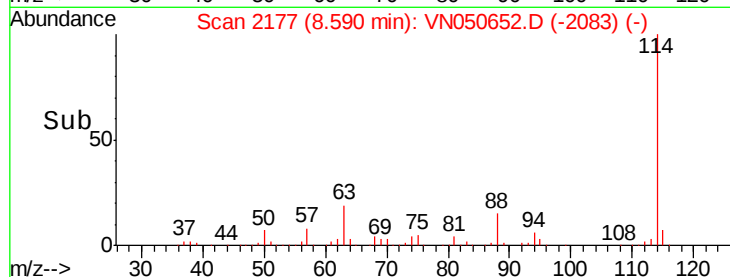
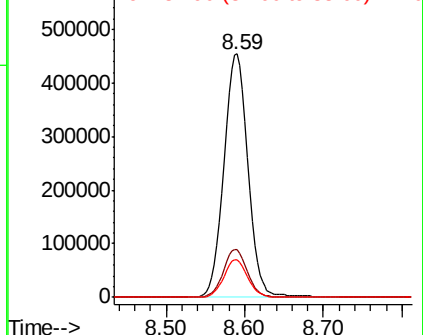
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050652.D
 Acq: 15 Aug 2018 13:59

Instrument :
 MSVOA_N
 ClientSampleId :
 941-MW-02(23.8)

Tot Ion:114 Resp: 957998
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.3 0.0 30.8

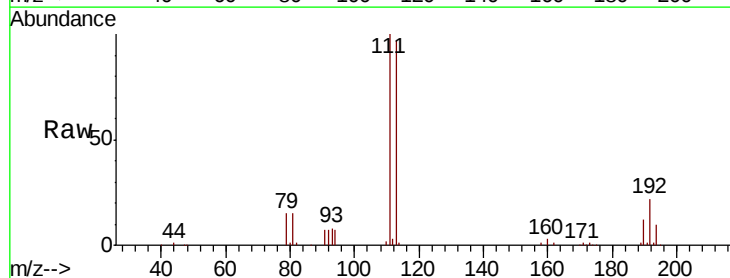


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

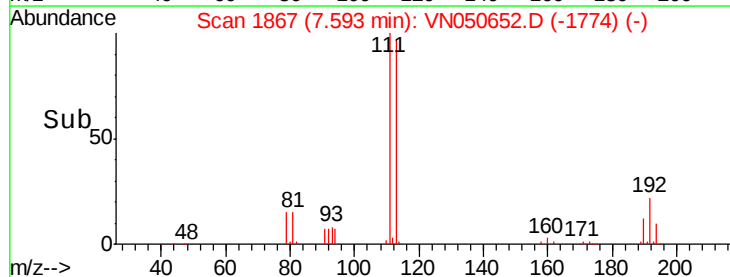
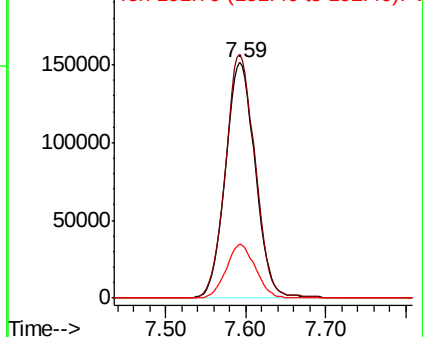


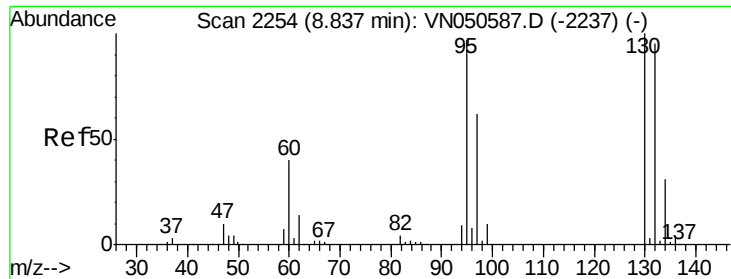
#35
 Dibromofluoromethane
 Concen: 50.31 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050652.D
 Acq: 15 Aug 2018 13:59

Tgt Ion:113 Resp: 384814
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.0 121.6
 192 22.3 17.6 26.4



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: 36.83 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

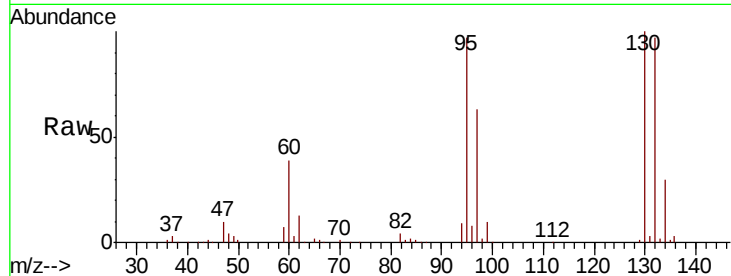
941-MW-02(23.8)

Tot Ion:130 Resp: 320094

Ion Ratio Lower Upper

130 100

95 96.9 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.84

150000

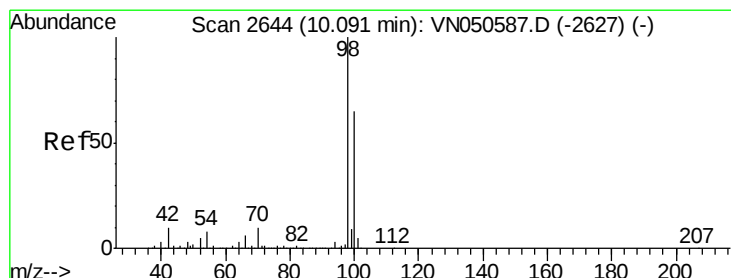
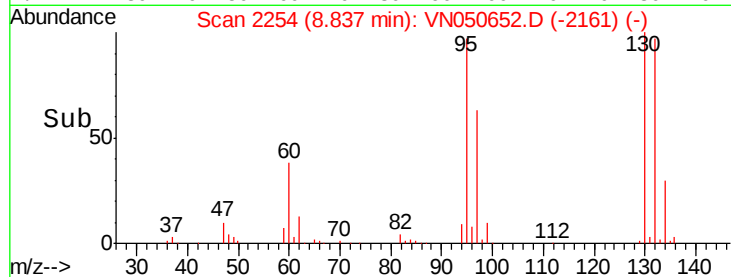
100000

50000

0

8.80 8.90

Time-->



#50

Toluene-d8

Concen: 47.38 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050652.D

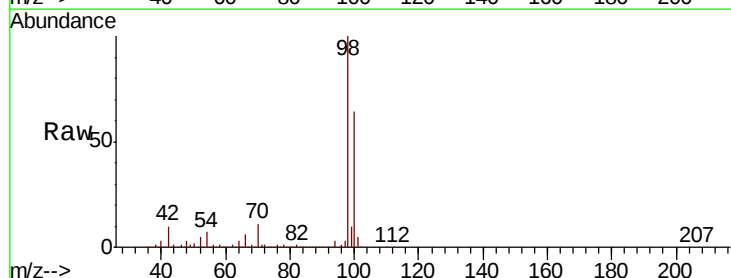
Acq: 15 Aug 2018 13:59

Tgt Ion: 98 Resp: 1363861

Ion Ratio Lower Upper

98 100

100 63.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

800000

600000

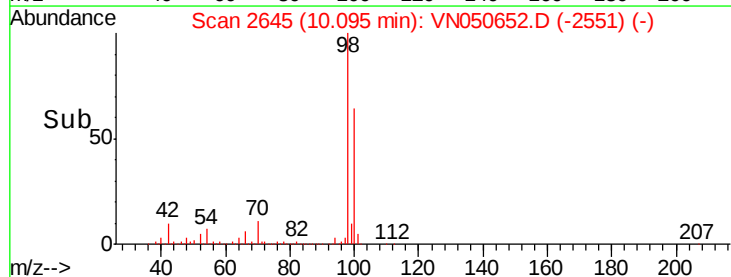
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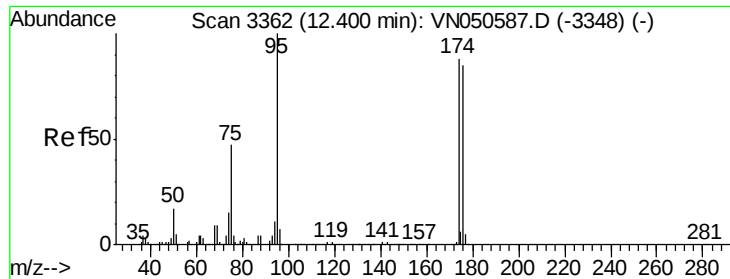
200000

0

10.00 10.10 10.20

Time-->





#62

4-Bromofluorobenzene

Concen: 41.05 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

941-MW-02(23.8)

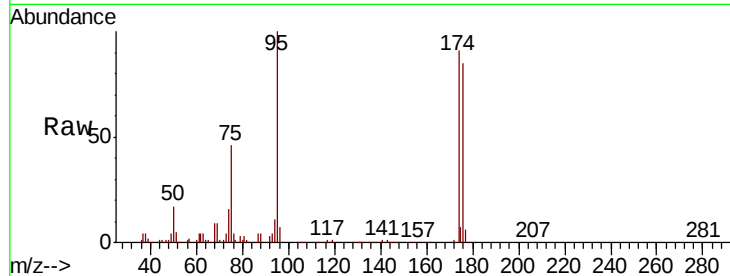
Tot Ion: 95 Resp: 390341

Ion Ratio Lower Upper

95 100

174 91.3 0.0 177.8

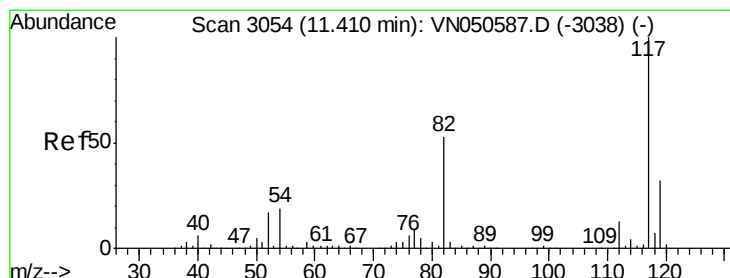
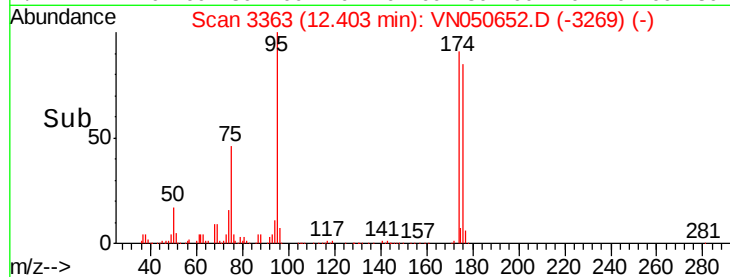
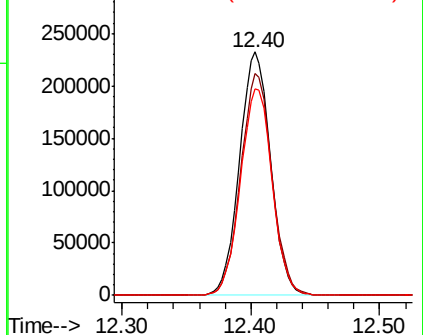
176 86.5 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

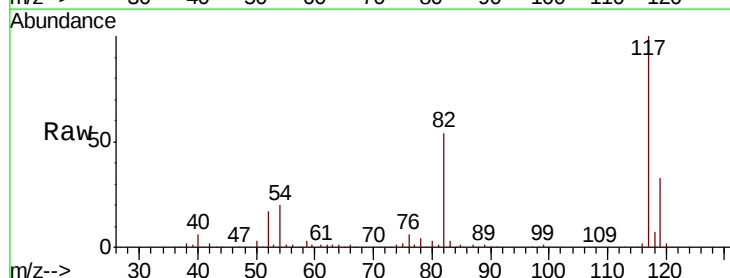
Tgt Ion: 117 Resp: 846547

Ion Ratio Lower Upper

117 100

82 54.2 42.4 63.6

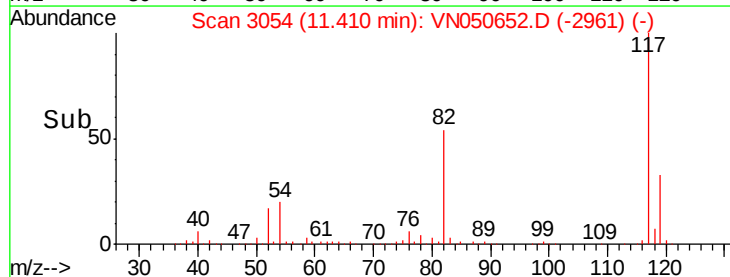
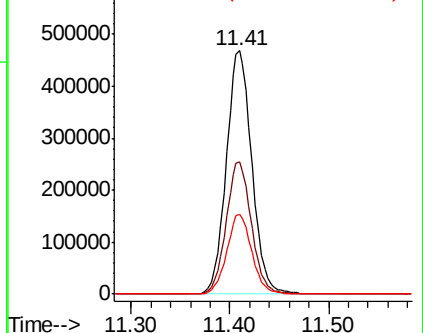
119 32.8 25.8 38.8

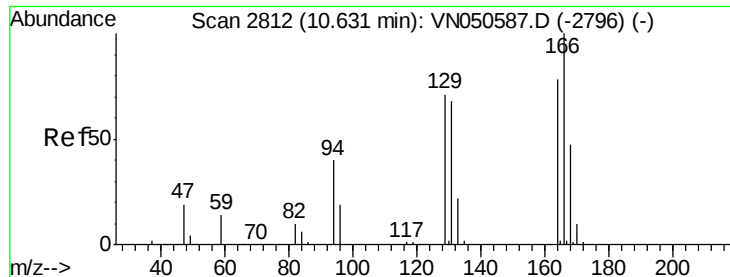


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 79.39 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

941-MW-02(23.8)

Tot Ion:164 Resp: 624177

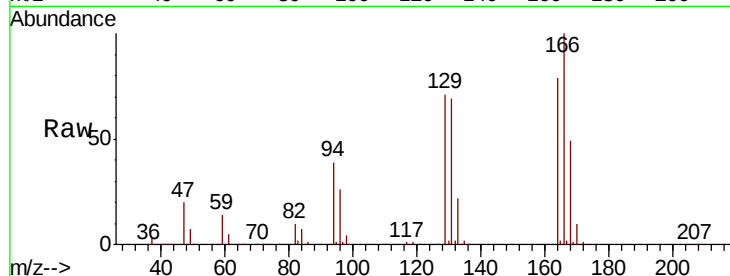
Ion Ratio Lower Upper

164 100

166 127.4 102.1 153.1

129 90.3 72.7 109.1

131 87.3 69.9 104.9

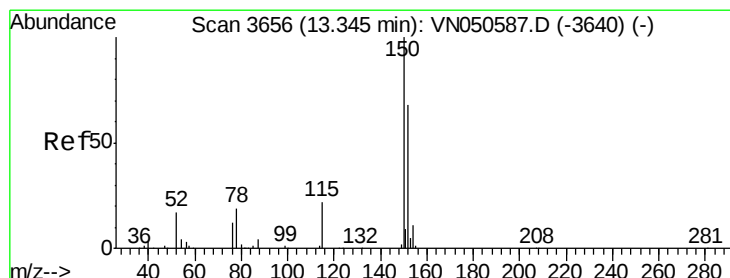
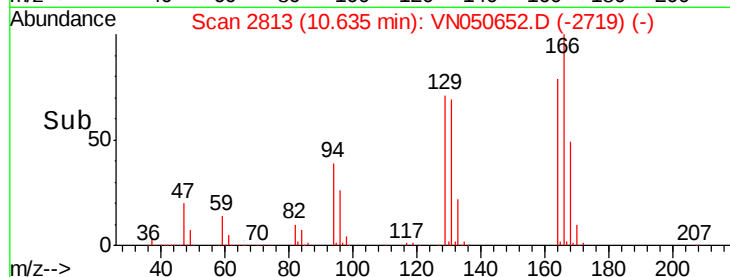
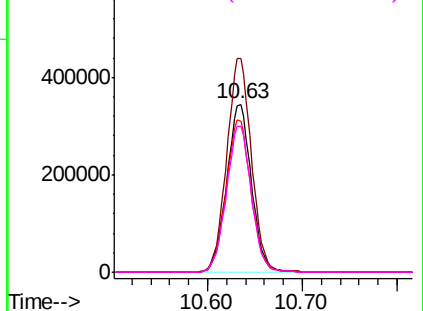


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

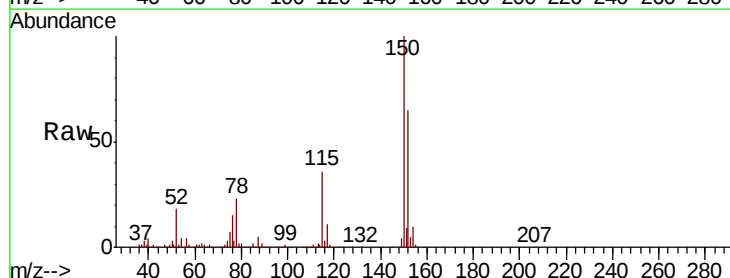
Tgt Ion:152 Resp: 319867

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 157.2 0.0 347.8



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

