

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058228.D
 Acq On : 20 Sep 2019 00:24
 Operator : JC/SP
 Sample : K4974-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D2-20190916

Quant Time: Sep 20 07:42:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

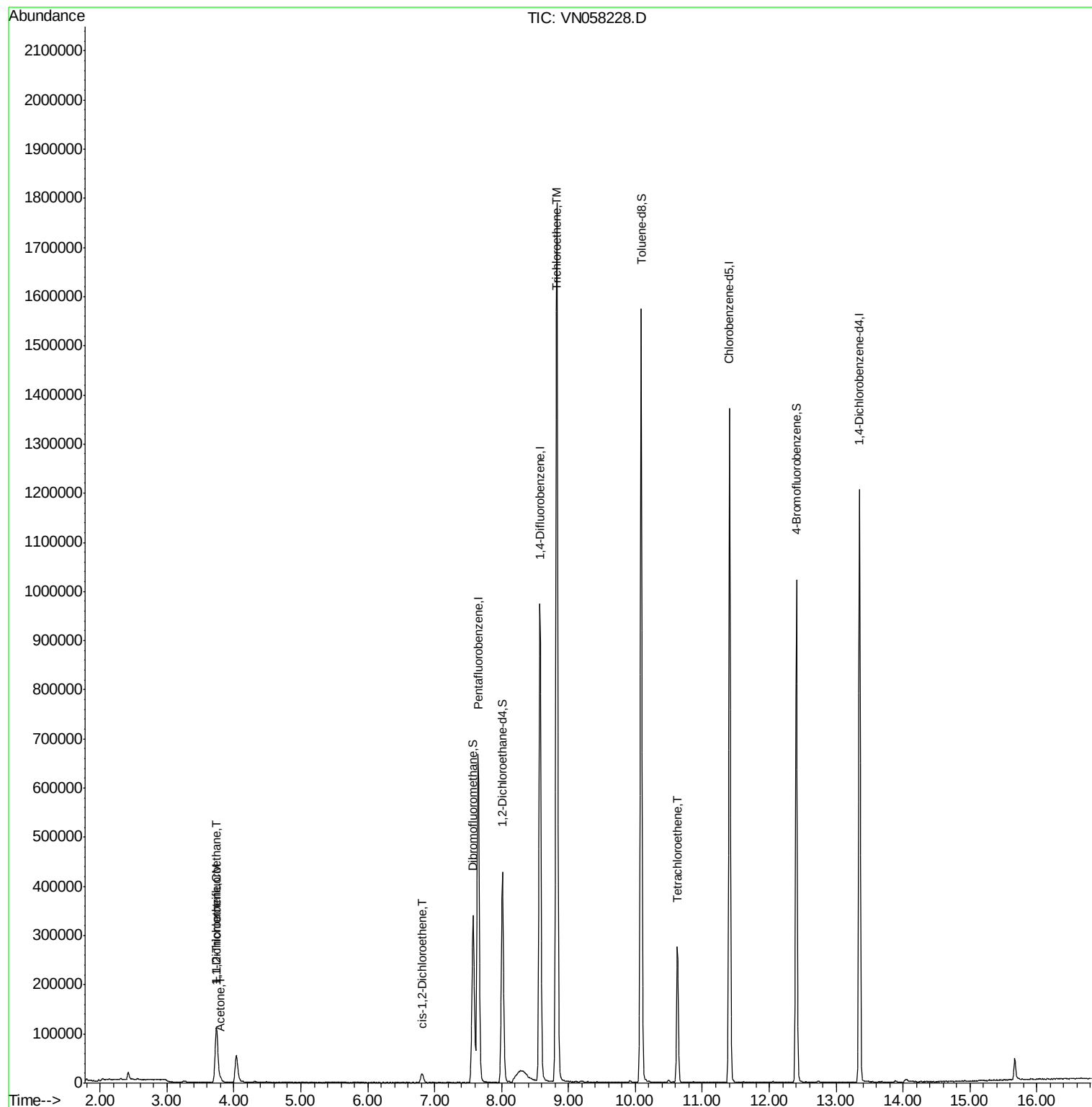
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	524020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	849898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	733167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	304667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	373244	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
35) Dibromofluoromethane	7.57	113	257717	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
50) Toluene-d8	10.08	98	1061851	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.40	95	346577	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.74	101	69566	16.421	ug/l	98
12) 1,1-Dichloroethene	3.72	96	2024	0.276	ug/l	80
16) Acetone	3.80	43	12581	5.078	ug/l	91
27) cis-1,2-Dichloroethene	6.81	96	11158	2.100	ug/l	87
44) Trichloroethene	8.82	130	629364	137.384	ug/l	98
64) Tetrachloroethene	10.63	164	61660	17.252	ug/l	97

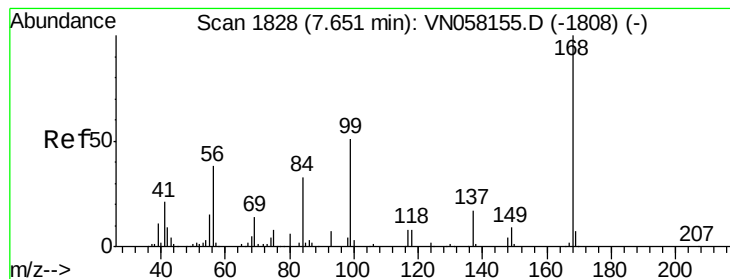
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058228.D

Acq: 20 Sep 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

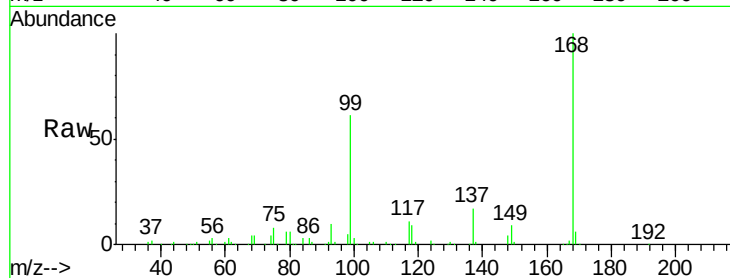
RE134D2-20190916

Tot Ion:168 Resp: 524020

Ion Ratio Lower Upper

168 100

99 60.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

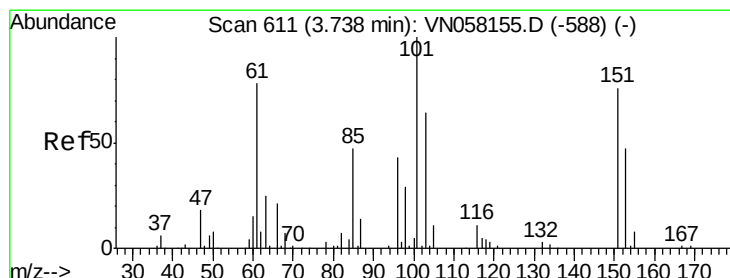
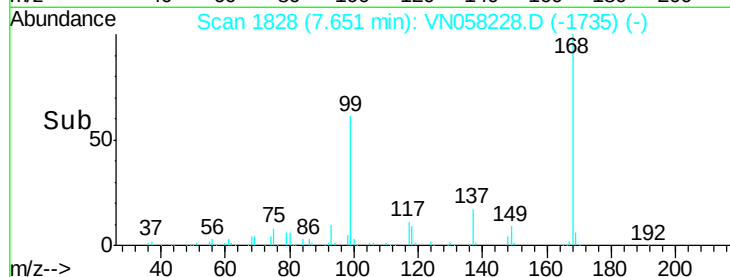
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.421 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN058228.D

Acq: 20 Sep 2019 00:24

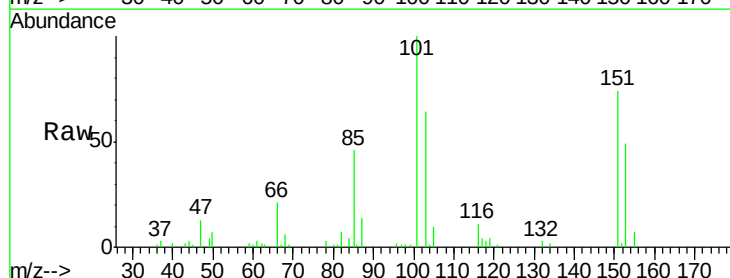
Tgt Ion:101 Resp: 69566

Ion Ratio Lower Upper

101 100

85 45.0 37.3 55.9

151 73.2 59.6 89.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.74

30000

25000

20000

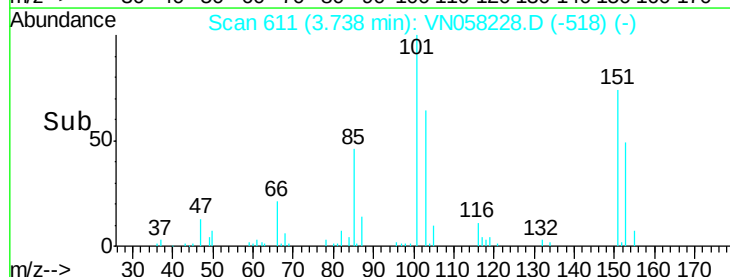
15000

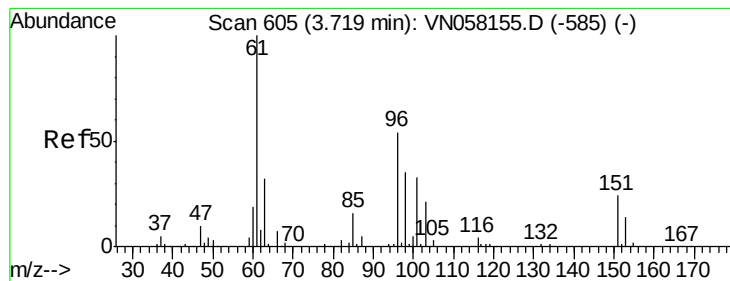
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.276 ug/l

RT: 3.72 min Scan# 607

Delta R.T. 0.01 min

Lab File: VN058228.D

Acq: 20 Sep 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

RE134D2-20190916

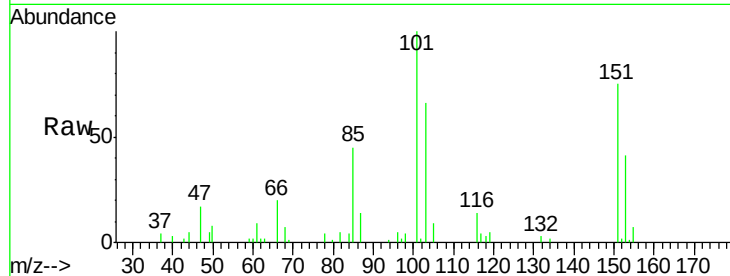
Tot Ion: 96 Resp: 2024

Ion Ratio Lower Upper

96 100

61 152.3 149.5 224.3

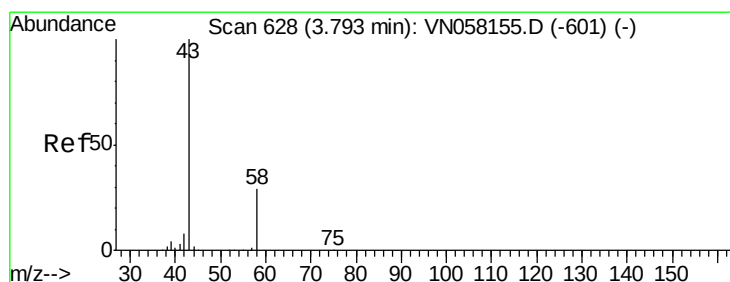
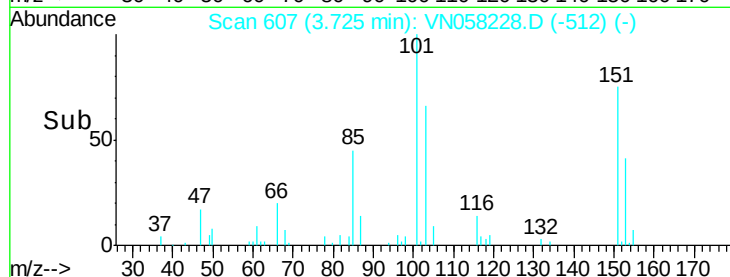
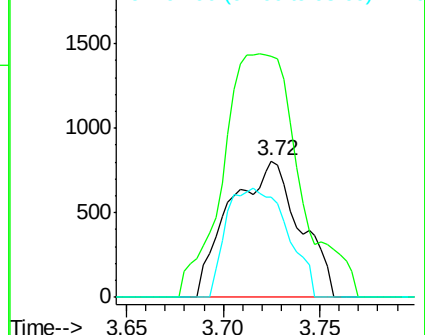
98 74.0 52.4 78.6



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



#16

Acetone

Concen: 5.078 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058228.D

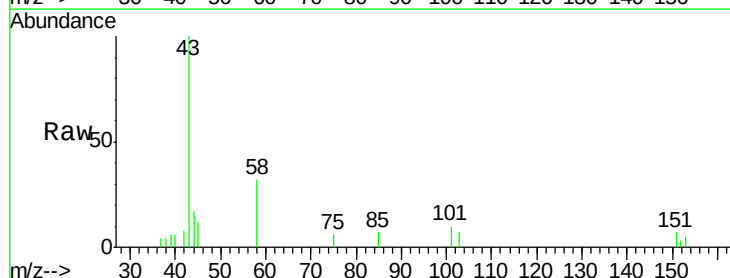
Acq: 20 Sep 2019 00:24

Tgt Ion: 43 Resp: 12581

Ion Ratio Lower Upper

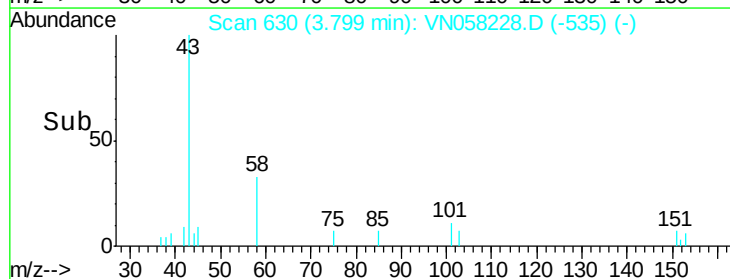
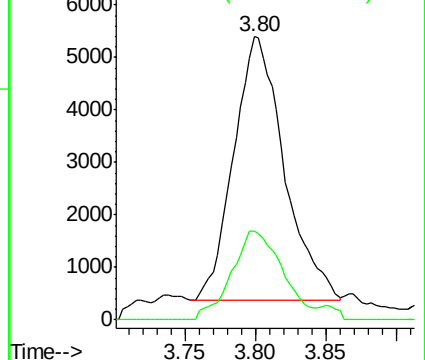
43 100

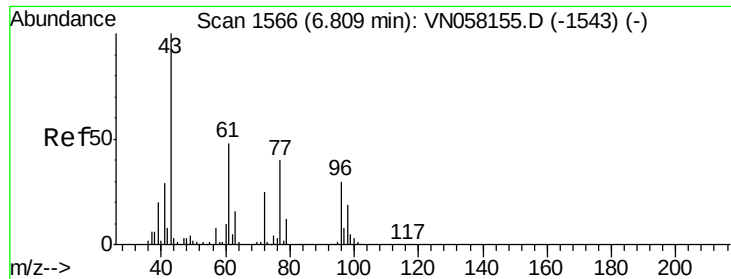
58 33.9 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

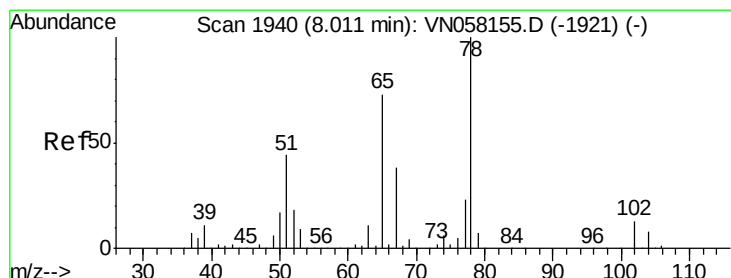
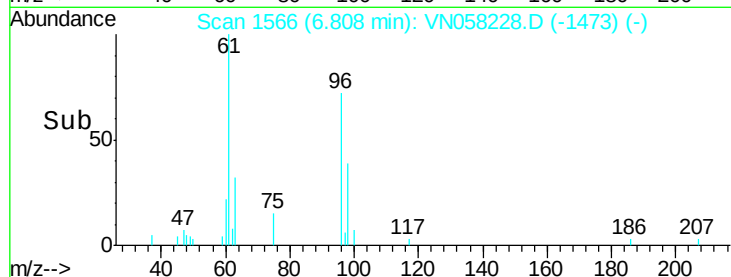
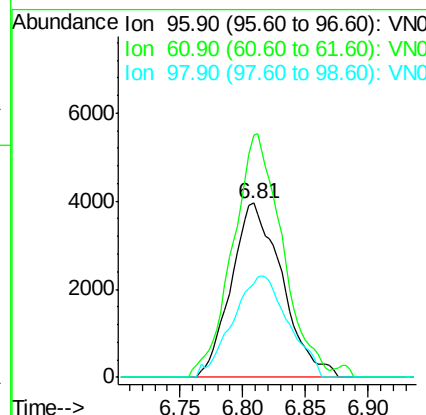
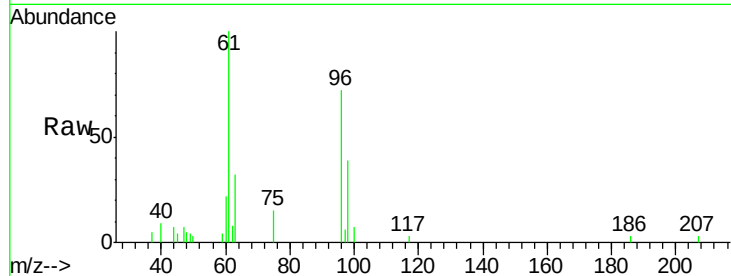




#27
 cis-1,2-Dichloroethene
 Concen: 2.100 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN058228.D
 Acq: 20 Sep 2019 00:24

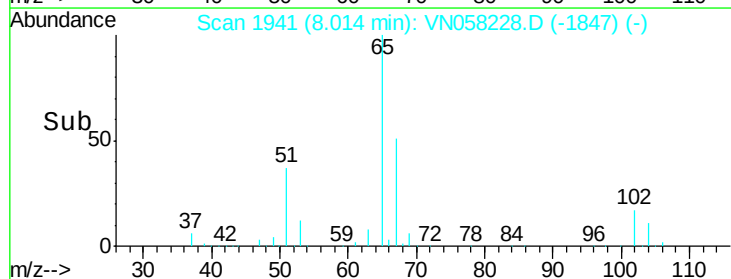
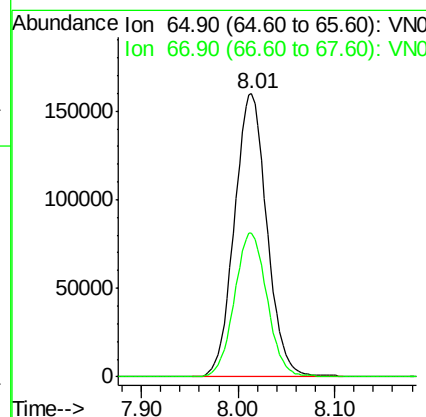
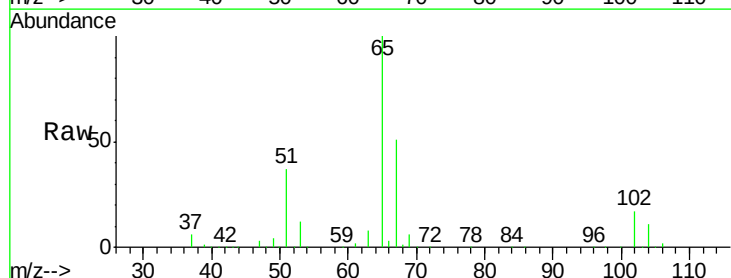
Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D2-20190916

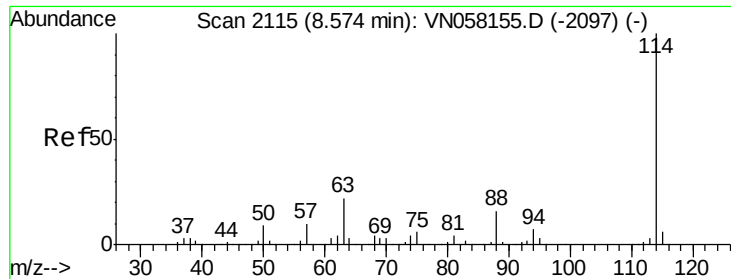
Tot Ion: 96 Resp: 11158
 Ion Ratio Lower Upper
 96 100
 61 135.9 0.0 319.0
 98 63.4 0.0 126.6



#33
 1,2-Dichloroethane-d4
 Concen: 51.139 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058228.D
 Acq: 20 Sep 2019 00:24

Tgt Ion: 65 Resp: 373244
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058228.D

Acq: 20 Sep 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

RE134D2-20190916

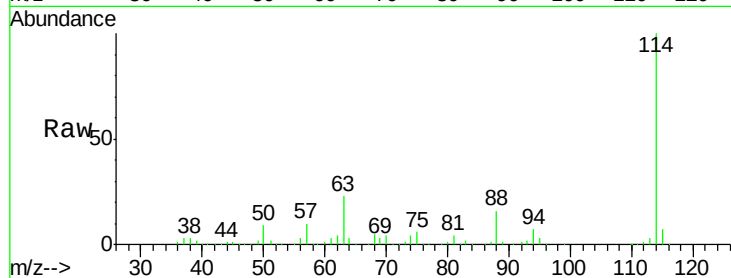
Tot Ion:114 Resp: 849898

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.2

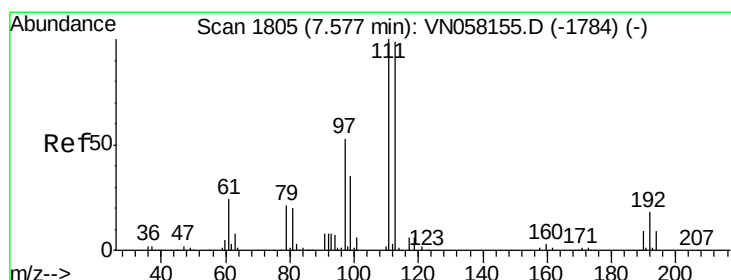
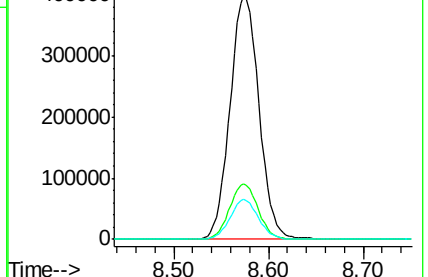
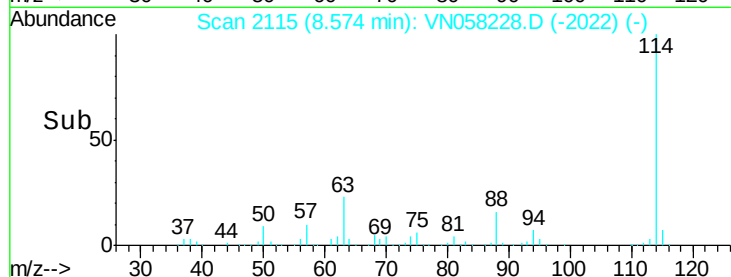
88 16.3 0.0 31.6



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: 49.881 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058228.D

Acq: 20 Sep 2019 00:24

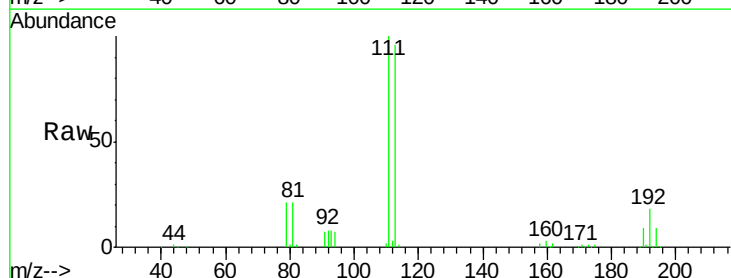
Tgt Ion:113 Resp: 257717

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.6

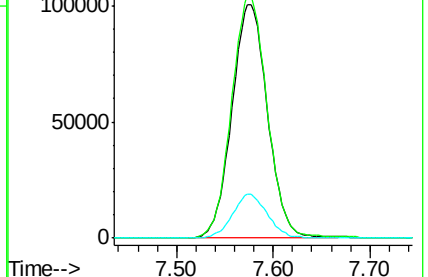
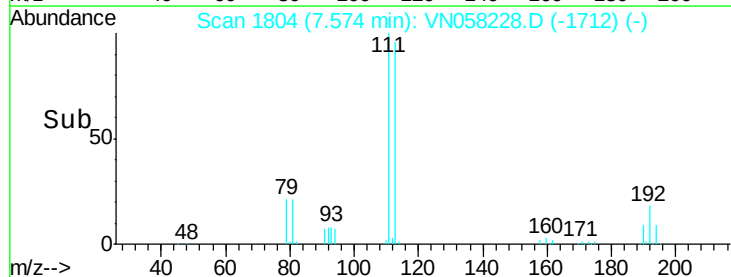
192 18.3 14.5 21.7

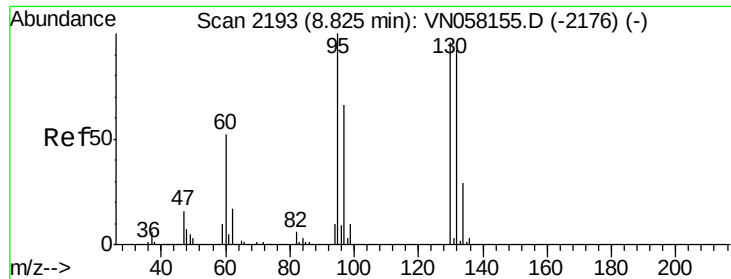


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 137.384 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058228.D

Acq: 20 Sep 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

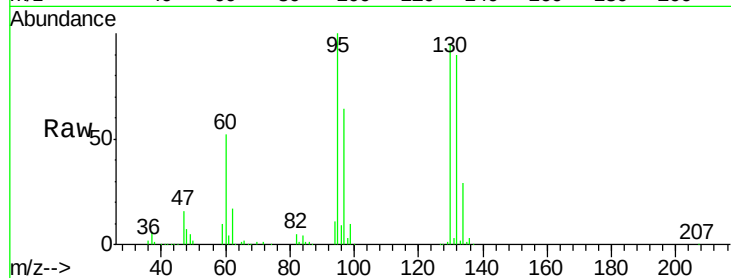
RE134D2-20190916

Tot Ion:130 Resp: 629364

Ion Ratio Lower Upper

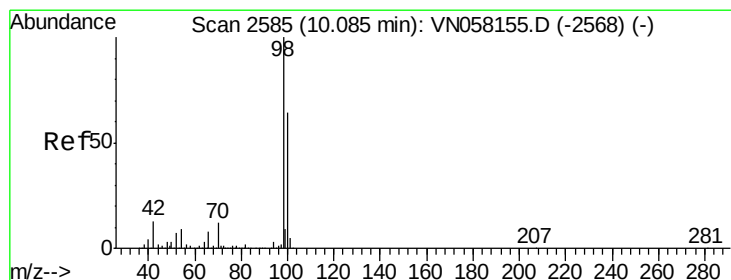
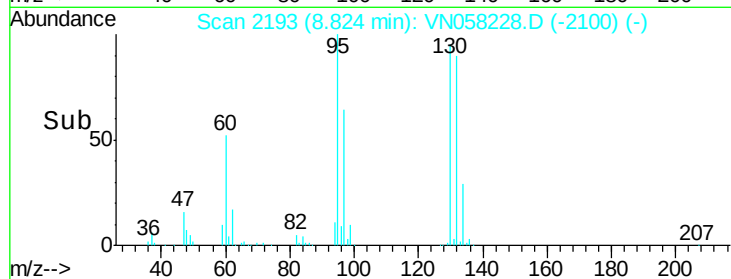
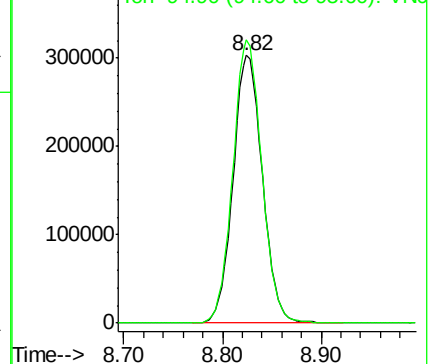
130 100

95 105.6 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#50

Toluene-d8

Concen: 52.749 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058228.D

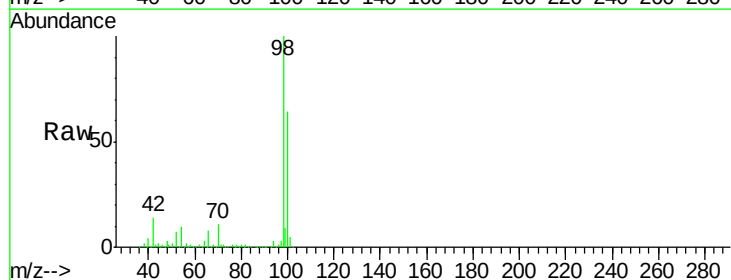
Acq: 20 Sep 2019 00:24

Tgt Ion: 98 Resp: 1061851

Ion Ratio Lower Upper

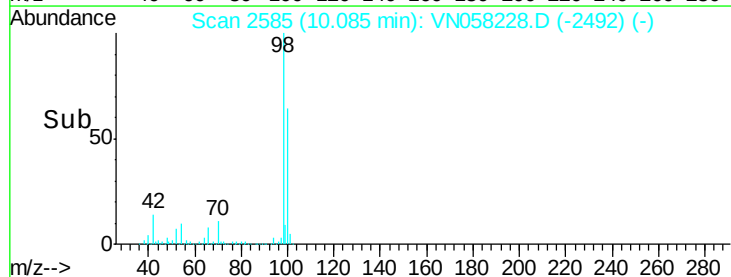
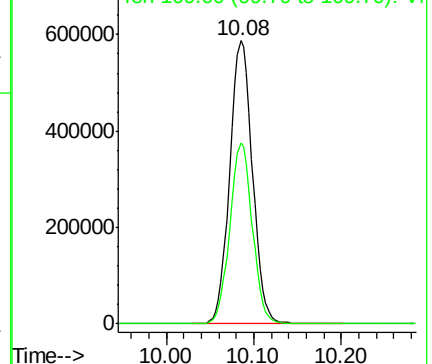
98 100

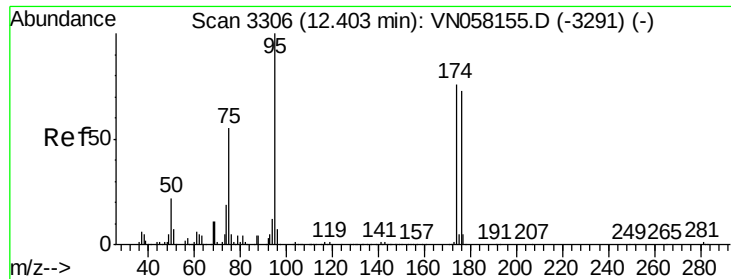
100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VNO

Ion 100.00 (99.70 to 100.70): VNO





#62

4-Bromofluorobenzene

Concen: 46.348 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058228.D

Acq: 20 Sep 2019 00:24

Instrument :

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RE134D2-20190916

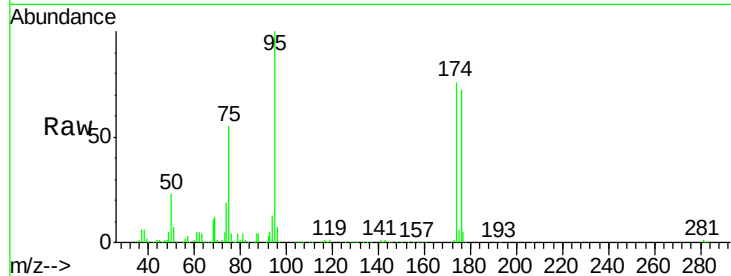
Tot Ion: 95 Resp: 346577

Ion Ratio Lower Upper

95 100

174 76.3 0.0 152.2

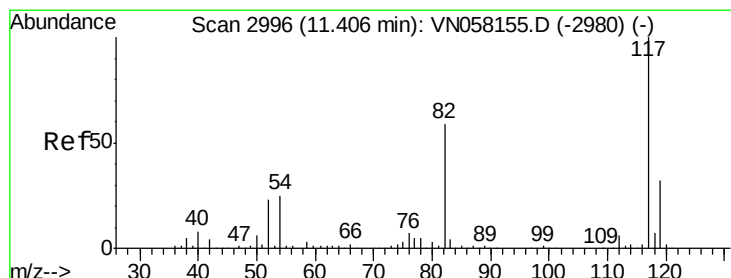
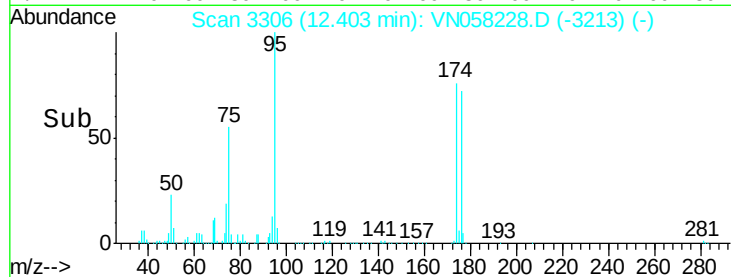
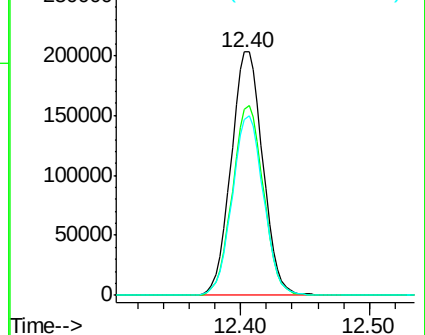
176 72.9 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058228.D

Acq: 20 Sep 2019 00:24

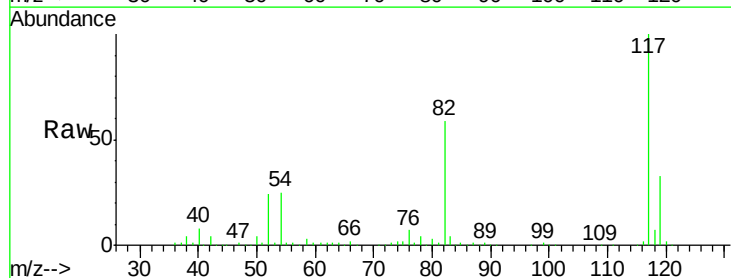
Tgt Ion: 117 Resp: 733167

Ion Ratio Lower Upper

117 100

82 58.7 46.9 70.3

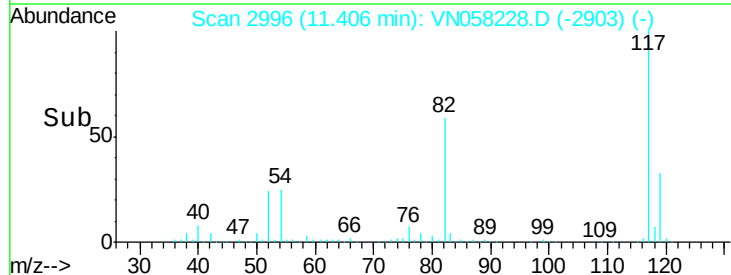
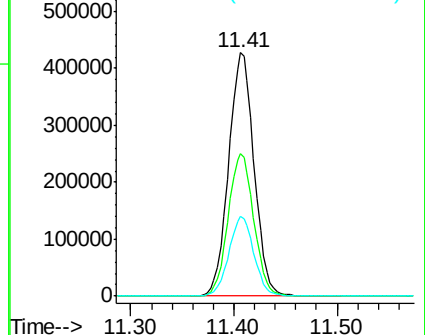
119 32.6 25.3 37.9

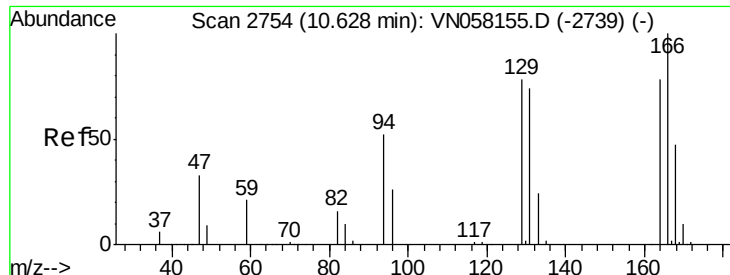


Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)





#64

Tetrachloroethene

Concen: 17.252 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN058228.D

Acq: 20 Sep 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

RE134D2-20190916

Tot Ion:164 Resp: 61660

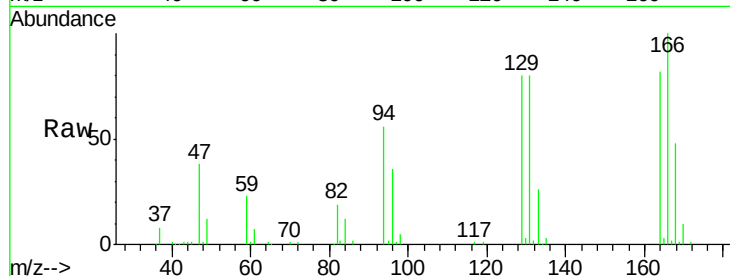
Ion Ratio Lower Upper

164 100

166 122.0 102.2 153.4

129 97.6 79.6 119.4

131 97.0 76.0 114.0

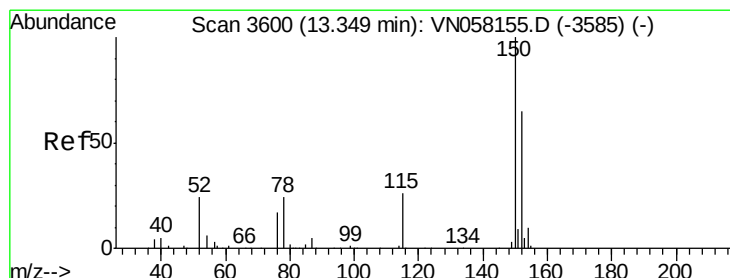
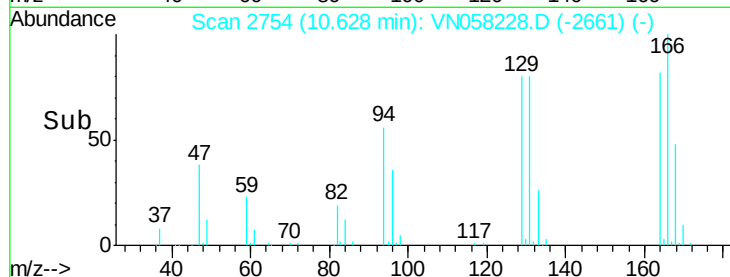
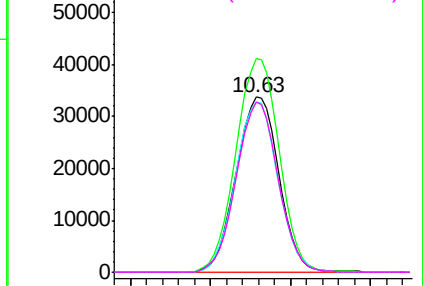


Abundance Ion 163.80 (163.50 to 164.50): V

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: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058228.D

Acq: 20 Sep 2019 00:24

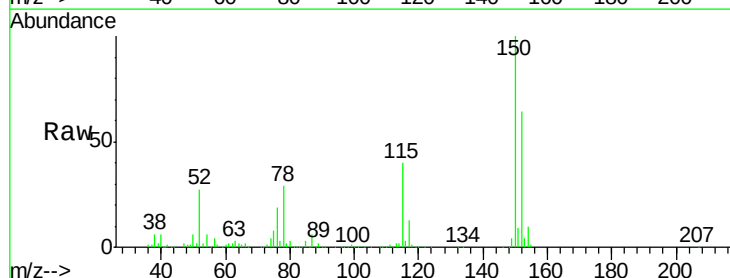
Tgt Ion:152 Resp: 304667

Ion Ratio Lower Upper

152 100

115 61.1 30.1 90.3

150 157.6 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

