

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056256.D
 Acq On : 12 Jun 2019 18:13
 Operator : JC/SP
 Sample : K3315-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20190610

Quant Time: Jun 13 05:34:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	312269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	465146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	456843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	143669	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	157361	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
35) Dibromofluoromethane	7.59	113	147195	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
50) Toluene-d8	10.09	98	577857	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.40	95	178653	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	

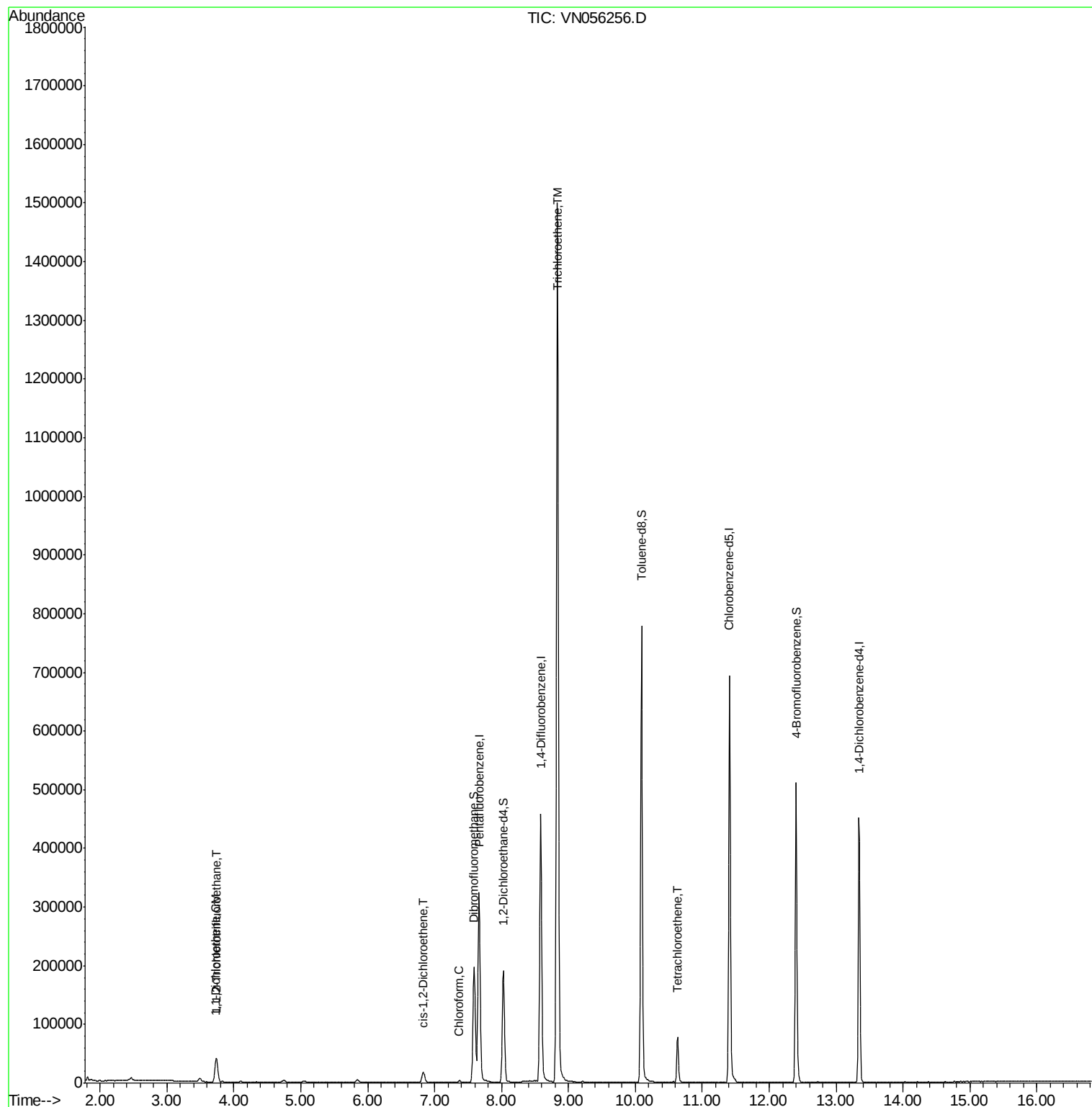
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	3.74	101	23458	8.909	ug/l	97
12) 1,1-Dichloroethene	3.72	96	4709	1.796	ug/l	92
27) cis-1,2-Dichloroethene	6.82	96	12513	3.790	ug/l	87
30) Chloroform	7.37	83	3155	0.635	ug/l #	80
44) Trichloroethene	8.83	130	618282	177.127	ug/l	97
64) Tetrachloroethene	10.63	164	20909	5.287	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056256.D

Acq: 12 Jun 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

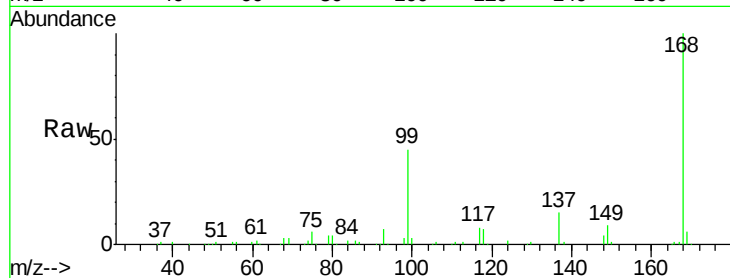
RE125D1-20190610

Tot Ion:168 Resp: 312269

Ion Ratio Lower Upper

168 100

99 44.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

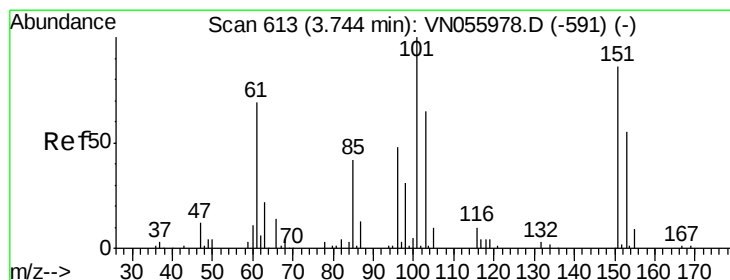
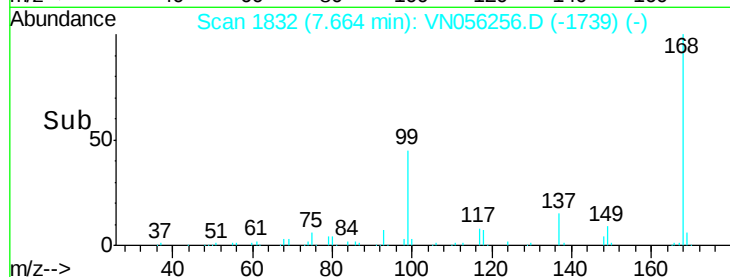
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.909 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056256.D

Acq: 12 Jun 2019 18:13

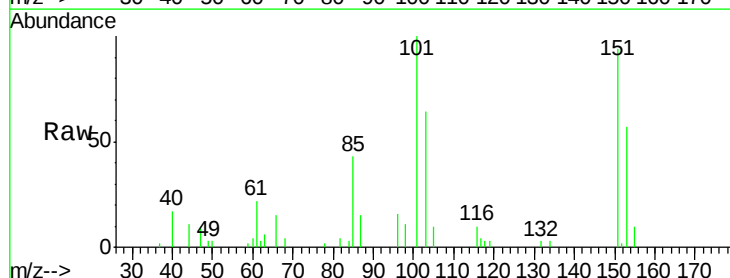
Tgt Ion:101 Resp: 23458

Ion Ratio Lower Upper

101 100

85 40.3 33.4 50.2

151 90.4 69.4 104.2



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

10000

8000

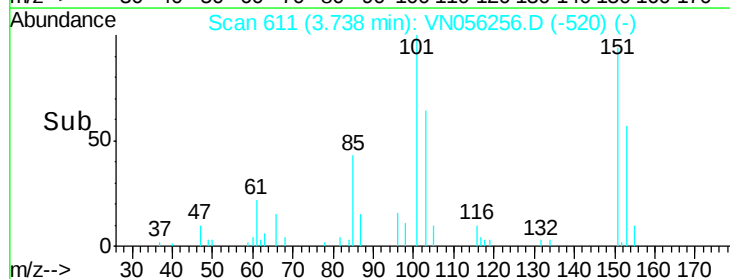
6000

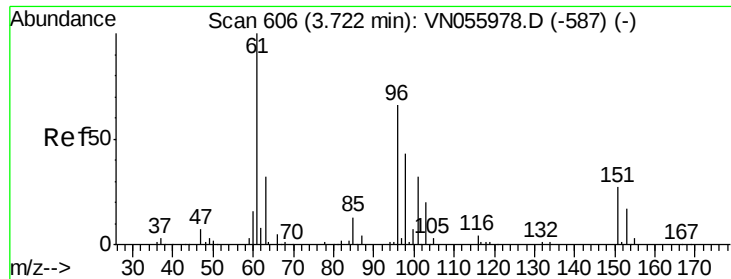
4000

2000

0

Time-->

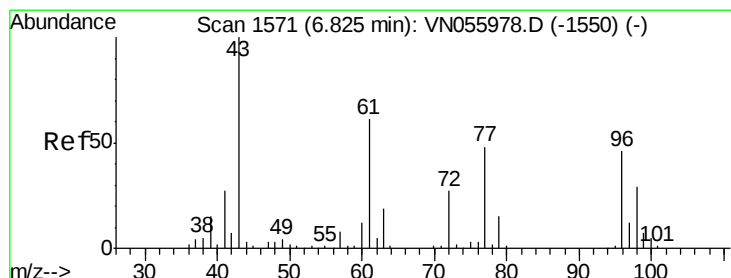
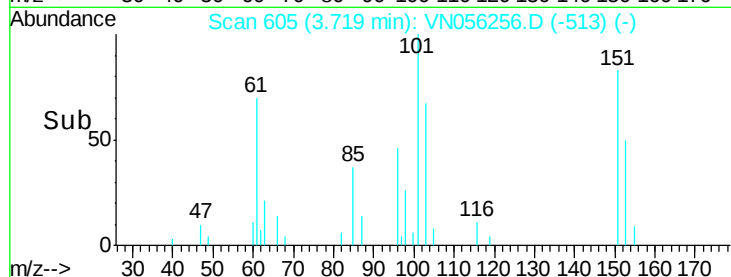
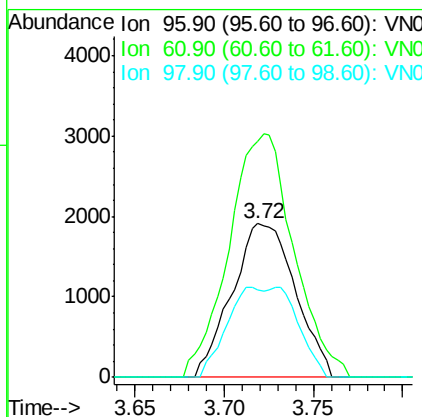
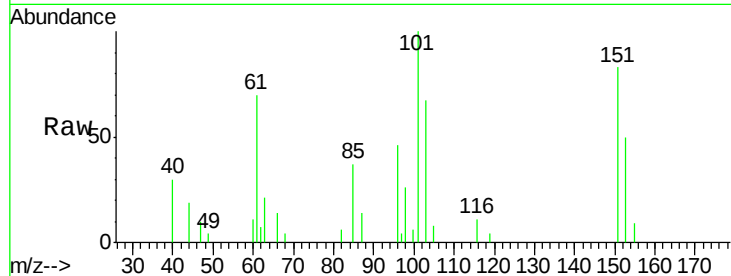




#12
1,1-Dichloroethene
Concen: 1.796 ug/l
RT: 3.72 min Scan# 605
Delta R.T. -0.00 min
Lab File: VN056256.D
Acq: 12 Jun 2019 18:13

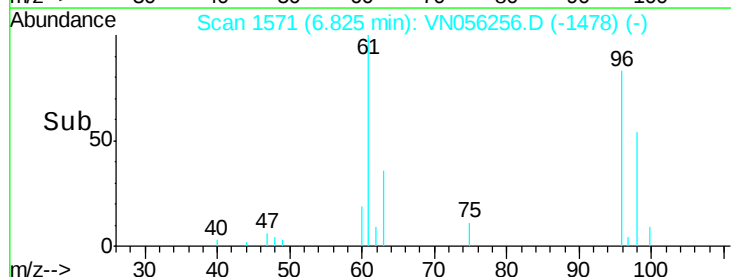
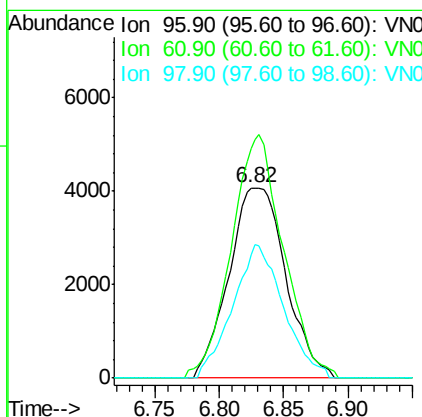
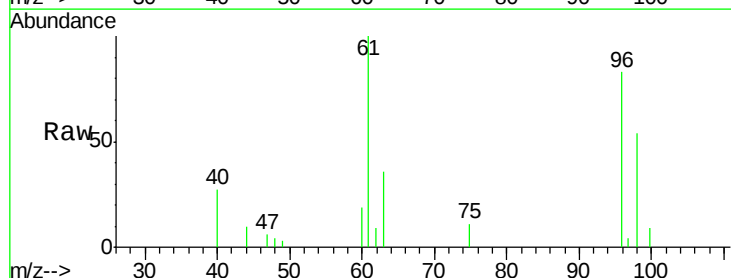
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20190610

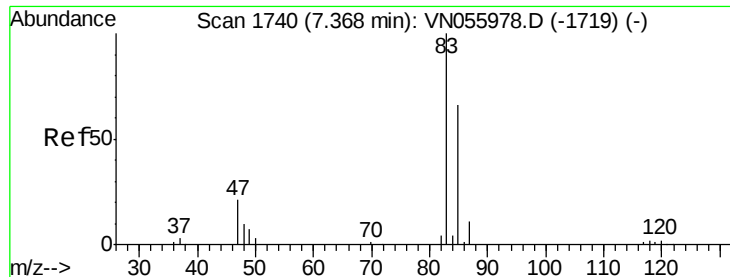
Tot Ion: 96 Resp: 4709
Ion Ratio Lower Upper
96 100
61 143.1 123.2 184.8
98 57.1 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 3.790 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN056256.D
Acq: 12 Jun 2019 18:13

Tgt Ion: 96 Resp: 12513
Ion Ratio Lower Upper
96 100
61 116.8 0.0 275.8
98 62.7 0.0 128.4

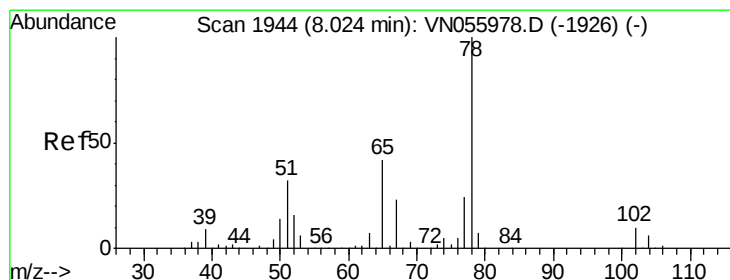
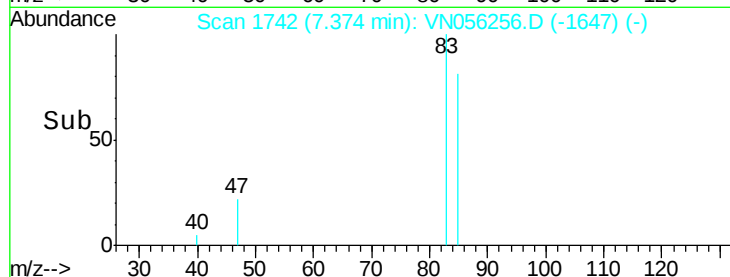
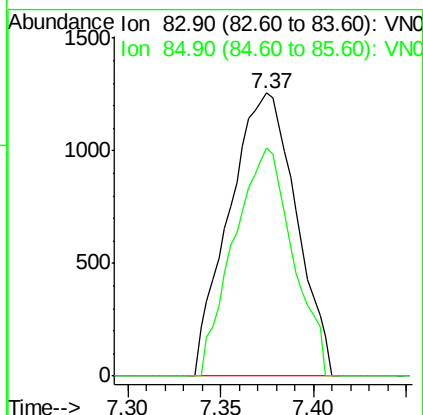
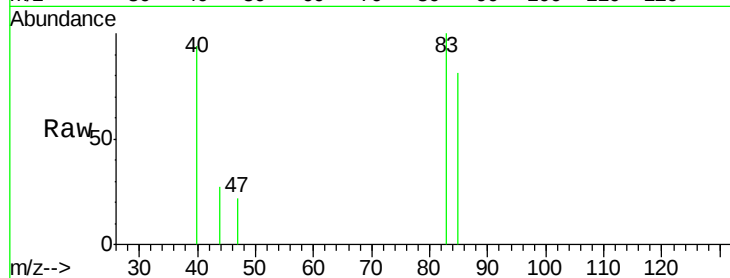




#30
Chloroform
Concen: 0.635 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VN056256.D
Acq: 12 Jun 2019 18:13

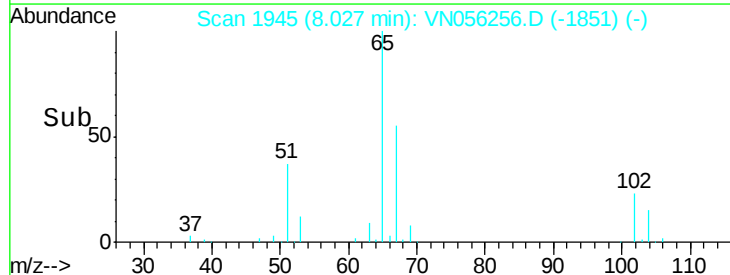
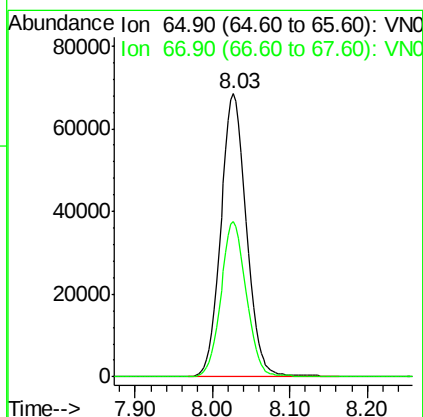
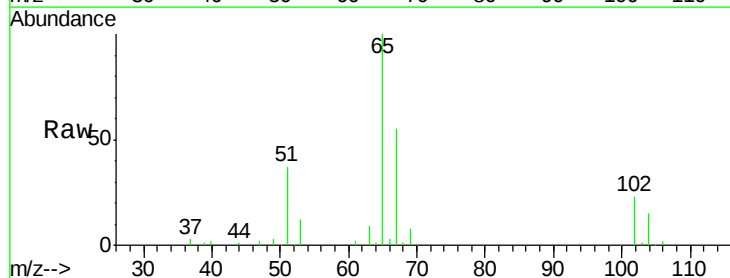
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20190610

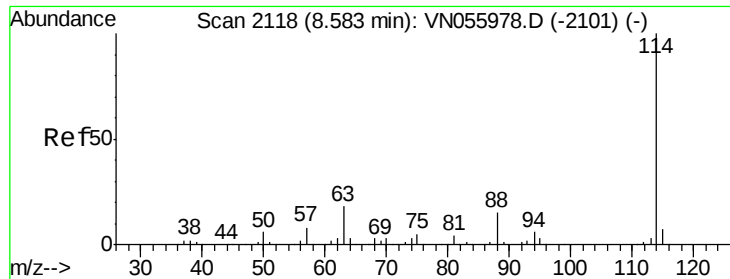
Tot Ion: 83 Resp: 3155
Ion Ratio Lower Upper
83 100
85 80.8 51.8 77.8#



#33
1,2-Dichloroethane-d4
Concen: 50.752 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056256.D
Acq: 12 Jun 2019 18:13

Tgt Ion: 65 Resp: 157361
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.2

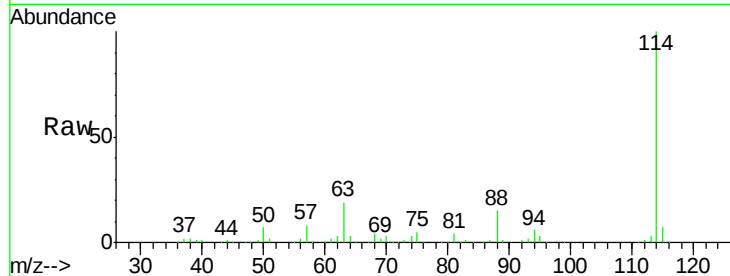




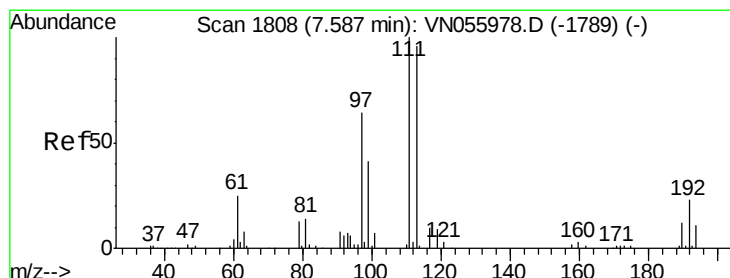
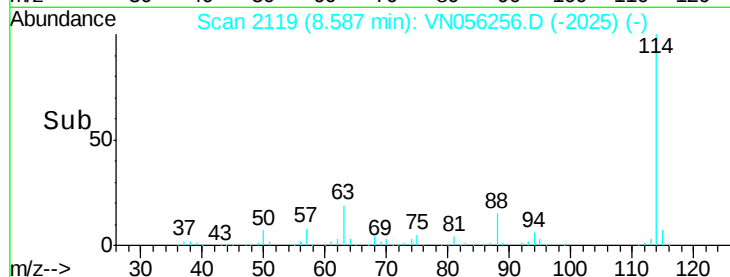
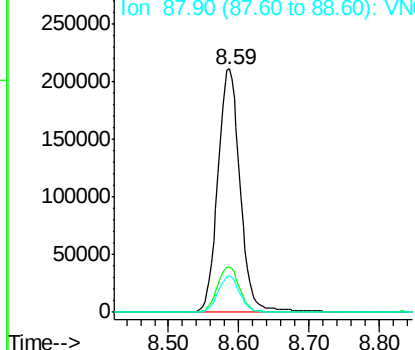
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056256.D
Acq: 12 Jun 2019 18:13

Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20190610

Tot Ion:114 Resp: 465146
Ion Ratio Lower Upper
114 100
63 18.6 0.0 39.2
88 15.0 0.0 31.0

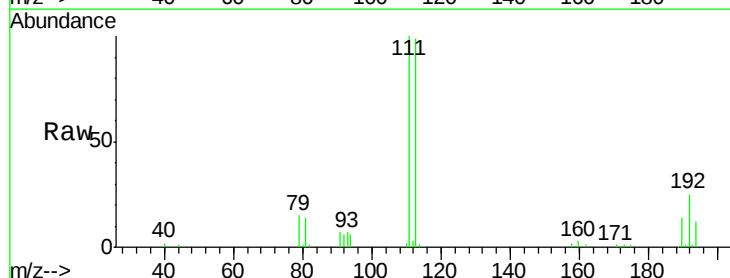


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

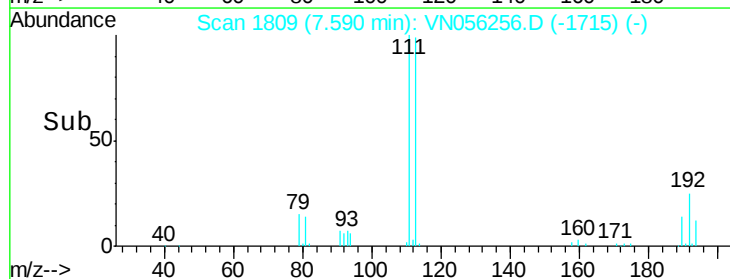
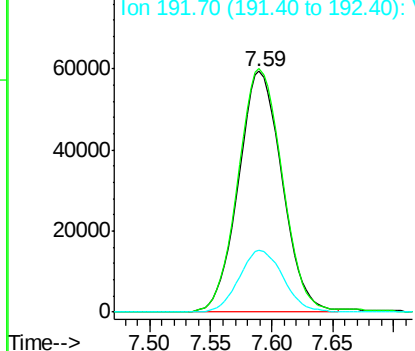


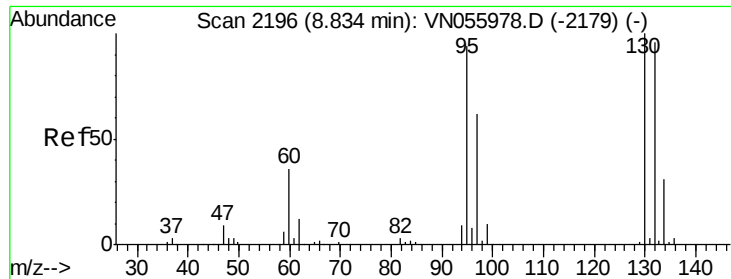
#35
Dibromofluoromethane
Concen: 51.578 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056256.D
Acq: 12 Jun 2019 18:13

Tgt Ion:113 Resp: 147195
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 25.9 19.5 29.3



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: 177.127 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056256.D

Acq: 12 Jun 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

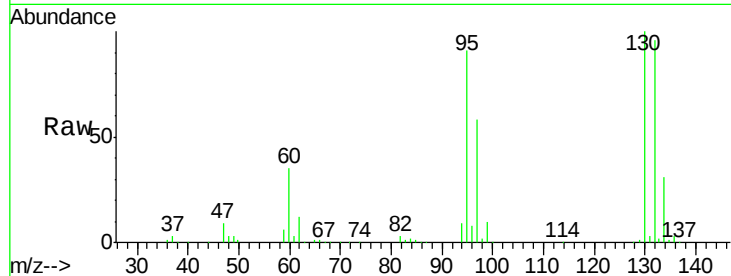
RE125D1-20190610

Tot Ion:130 Resp: 618282

Ion Ratio Lower Upper

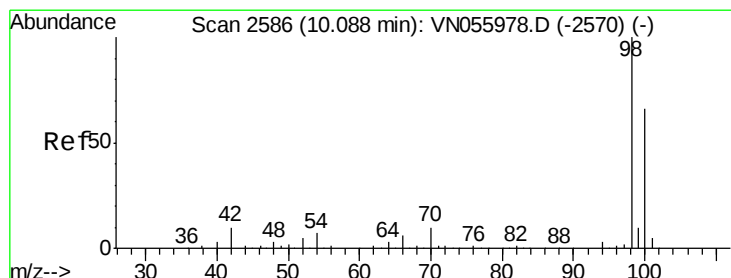
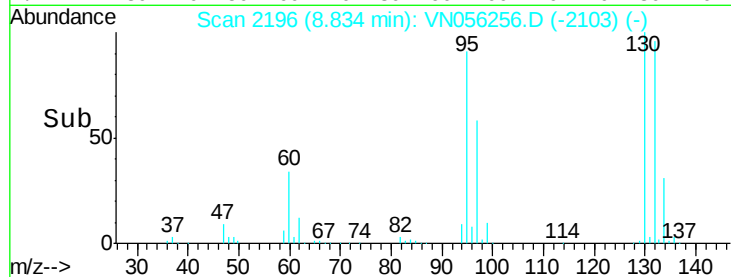
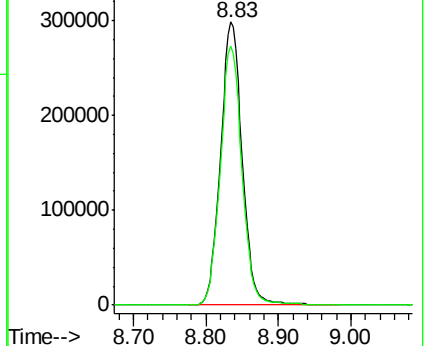
130 100

95 91.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 52.621 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056256.D

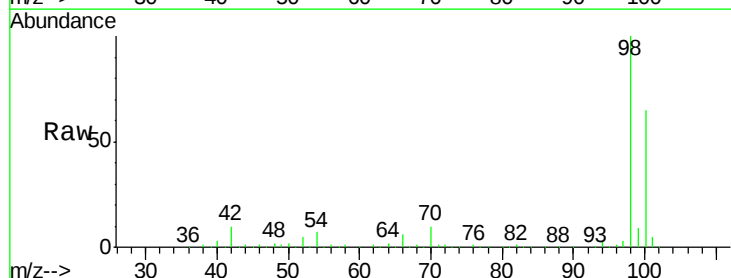
Acq: 12 Jun 2019 18:13

Tgt Ion: 98 Resp: 577857

Ion Ratio Lower Upper

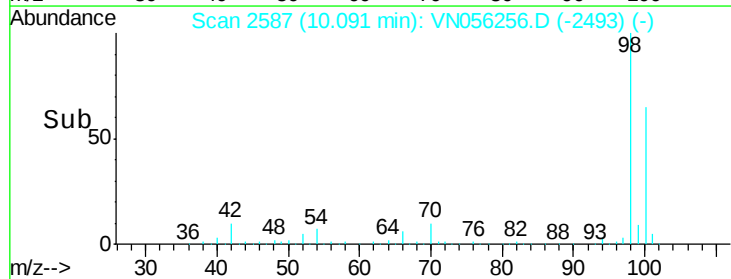
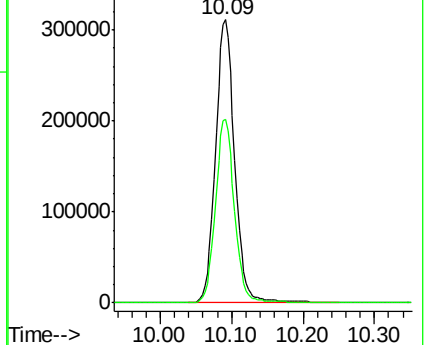
98 100

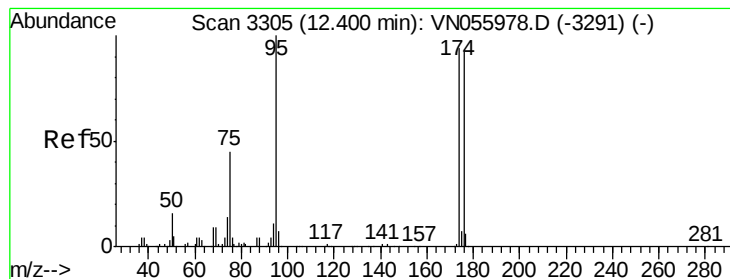
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 47.838 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056256.D

Acq: 12 Jun 2019 18:13

Instrument :

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ClientSampleId :

RE125D1-20190610

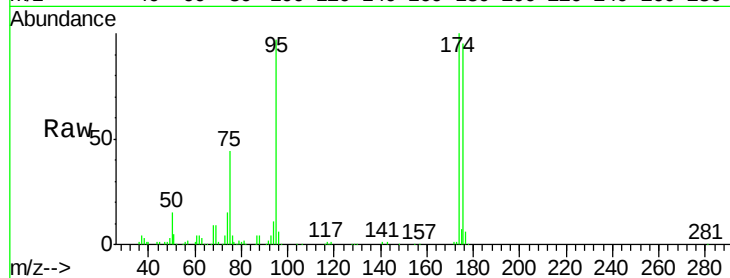
Tot Ion: 95 Resp: 178653

Ion Ratio Lower Upper

95 100

174 102.0 0.0 191.0

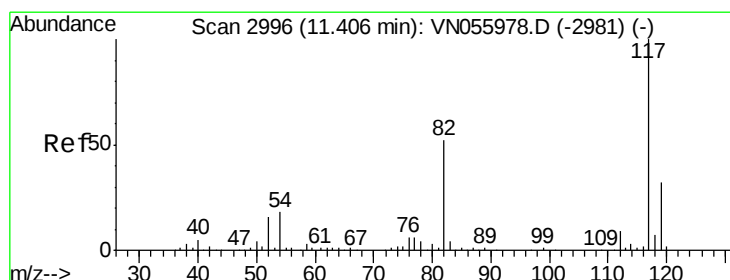
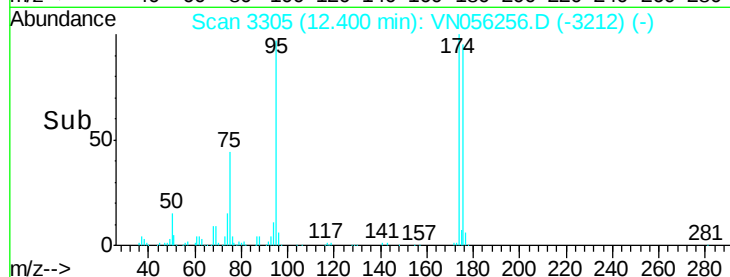
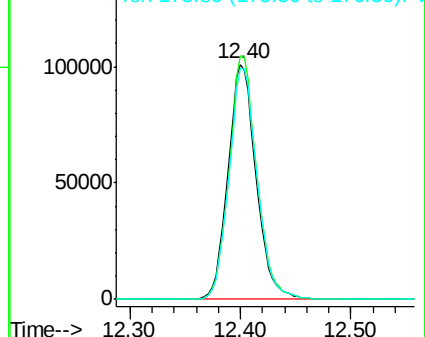
176 98.5 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056256.D

Acq: 12 Jun 2019 18:13

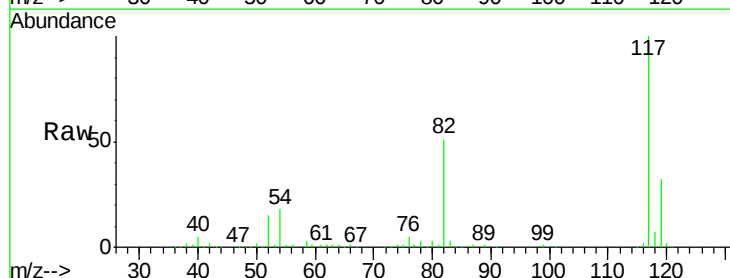
Tgt Ion: 117 Resp: 456843

Ion Ratio Lower Upper

117 100

82 51.2 41.8 62.8

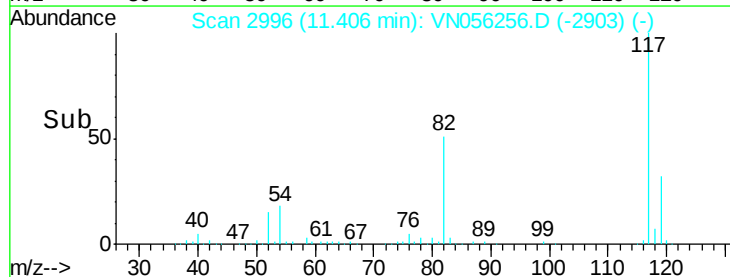
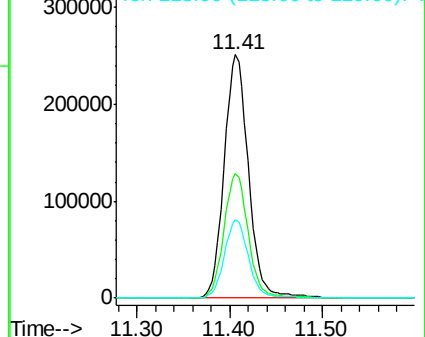
119 32.3 25.4 38.0

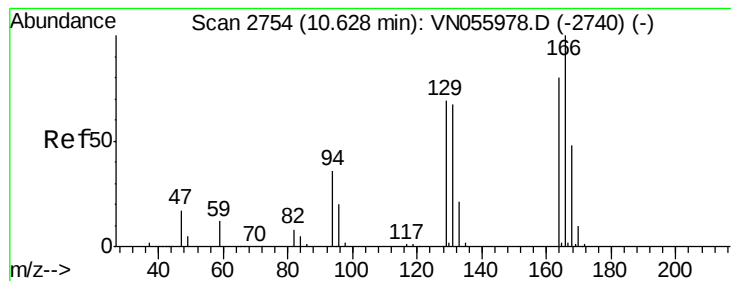


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)





#64

Tetrachloroethene

Concen: 5.287 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056256.D

Acq: 12 Jun 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20190610

Tot Ion:164 Resp: 20909

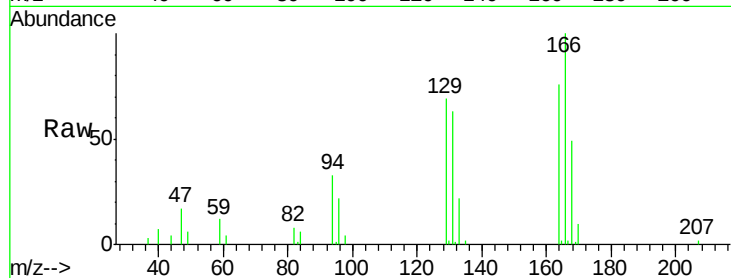
Ion Ratio Lower Upper

164 100

166 132.4 103.0 154.6

129 90.8 70.6 105.8

131 84.1 68.6 102.8

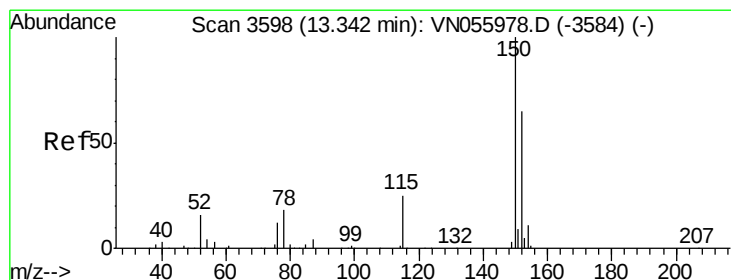
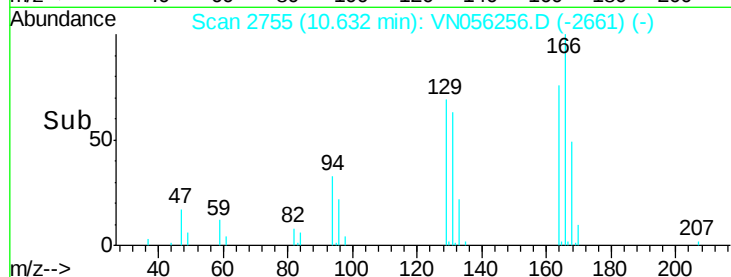
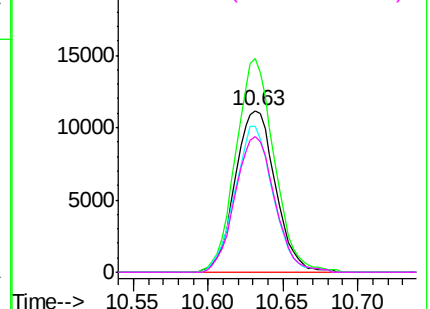


Abundance Ion 163.80 (163.50 to 164.50): V

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# 3599

Delta R.T. 0.00 min

Lab File: VN056256.D

Acq: 12 Jun 2019 18:13

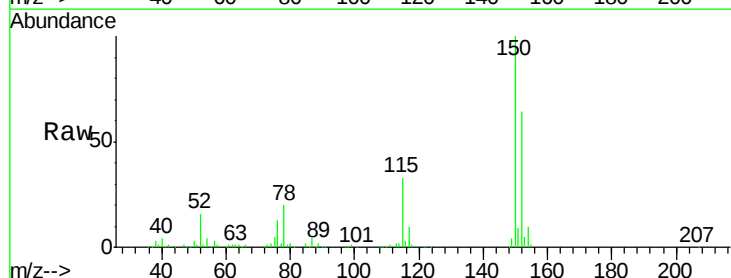
Tgt Ion:152 Resp: 143669

Ion Ratio Lower Upper

152 100

115 51.3 27.0 81.0

150 156.4 0.0 343.2



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

