

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058876.D
 Acq On : 21 Oct 2019 10:43
 Operator : JC/SP
 Sample : K5452-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-EX3

Quant Time: Oct 22 03:36:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

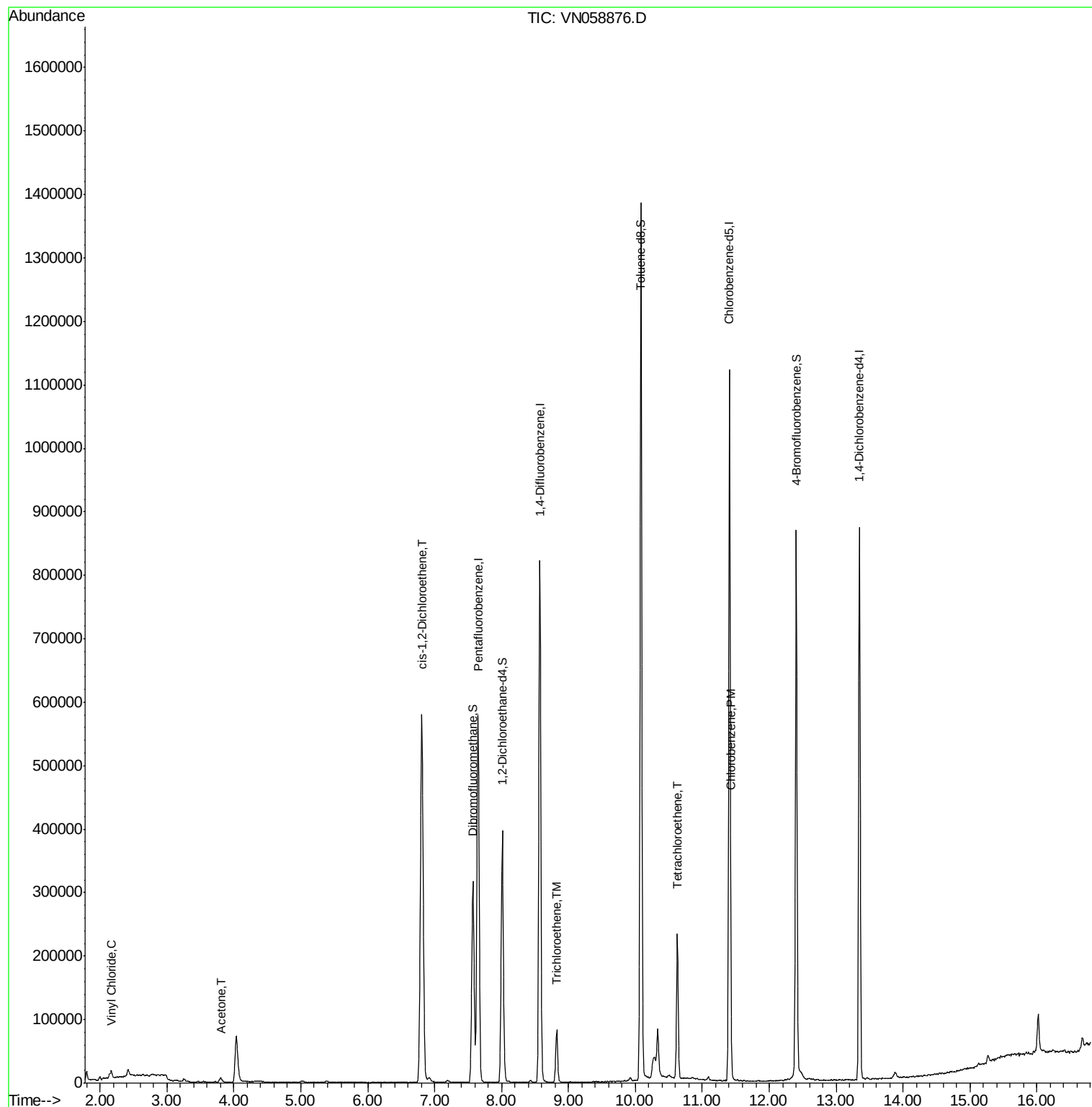
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	444775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	716239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	619500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	225650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	339488	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
35) Dibromofluoromethane	7.57	113	242679	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
50) Toluene-d8	10.08	98	930639	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.40	95	299831	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.17	62	6415	0.941	ug/l	97
16) Acetone	3.80	43	11412	3.540	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	370874	67.047	ug/l	89
44) Trichloroethene	8.82	130	29516	5.627	ug/l	100
64) Tetrachloroethene	10.63	164	50200	11.571	ug/l	100
65) Chlorobenzene	11.43	112	3504	0.278	ug/l	96

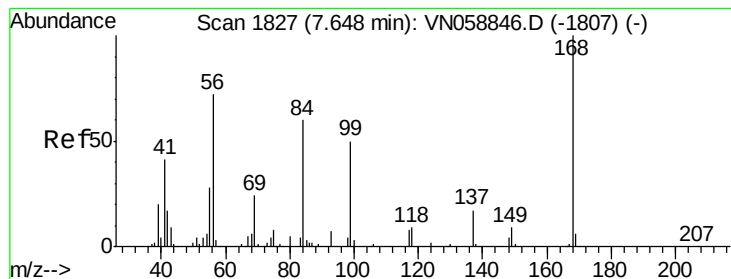
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102119\
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QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058876.D

Acq: 21 Oct 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

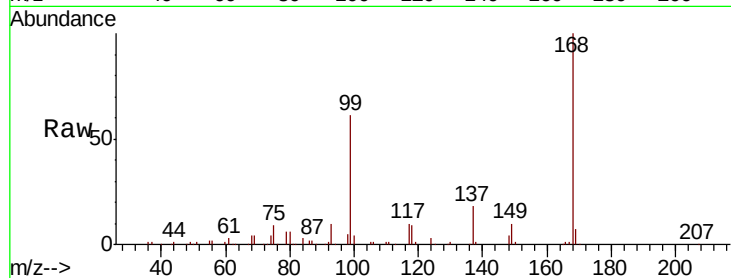
FA19-EX3

Tot Ion:168 Resp: 444775

Ion Ratio Lower Upper

168 100

99 61.2 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

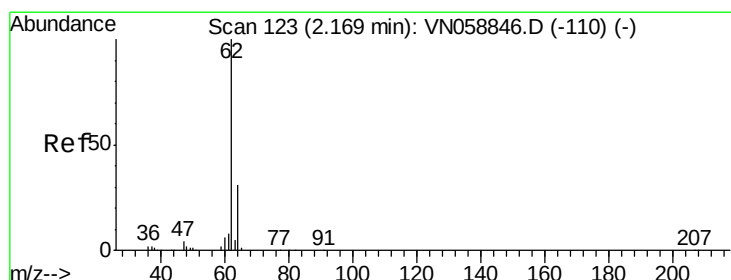
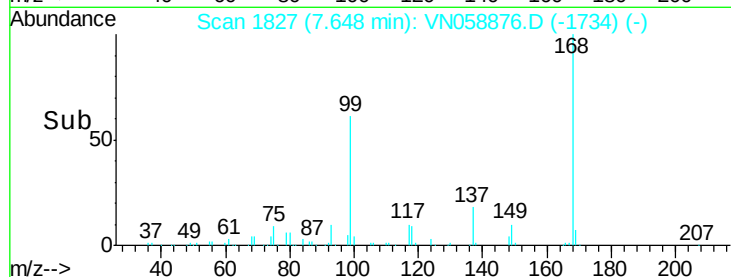
100000

50000

0

7.60 7.70

Time-->



#4

Vinyl Chloride

Concen: 0.941 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058876.D

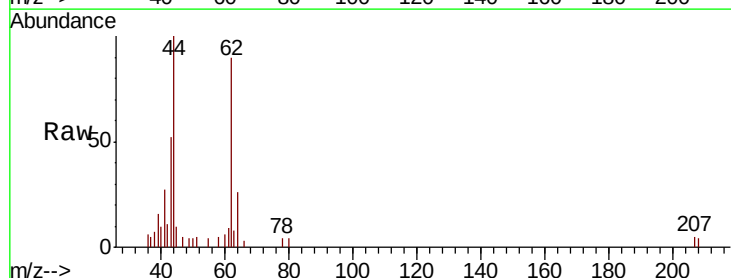
Acq: 21 Oct 2019 10:43

Tgt Ion: 62 Resp: 6415

Ion Ratio Lower Upper

62 100

64 29.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

4000

3000

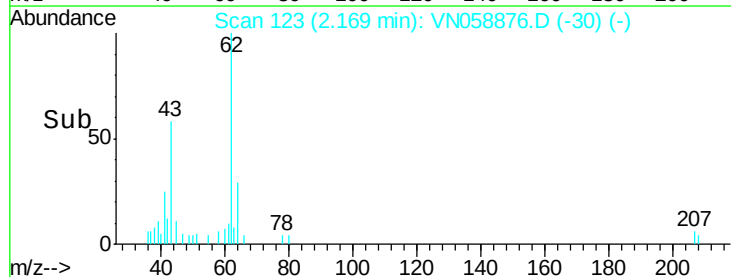
2000

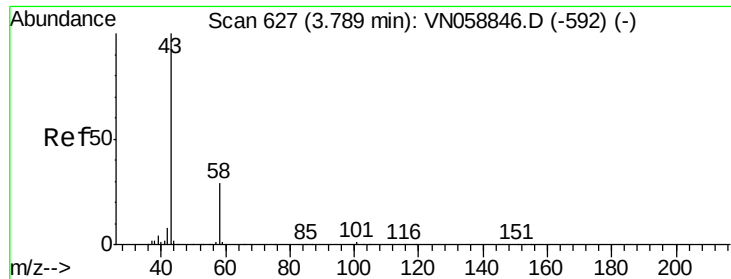
1000

0

2.15 2.20

Time-->





#16

Acetone

Concen: 3.540 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058876.D

Acq: 21 Oct 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

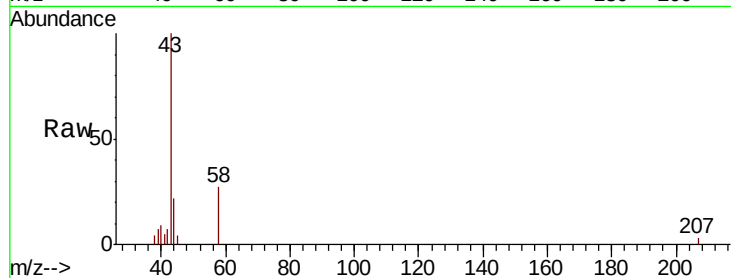
FA19-EX3

Tot Ion: 43 Resp: 11412

Ion Ratio Lower Upper

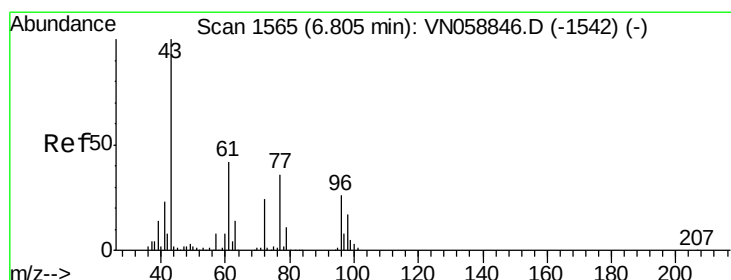
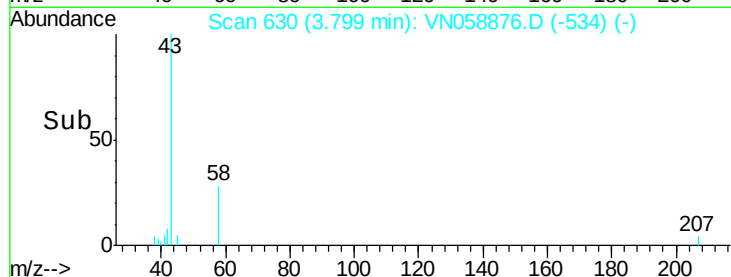
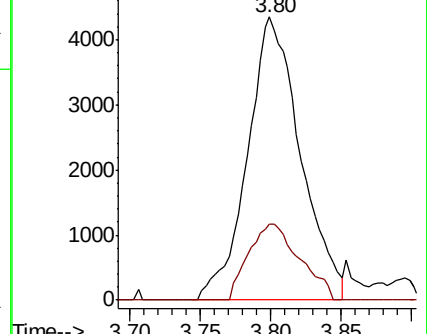
43 100

58 27.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#27

cis-1,2-Dichloroethene

Concen: 67.047 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058876.D

Acq: 21 Oct 2019 10:43

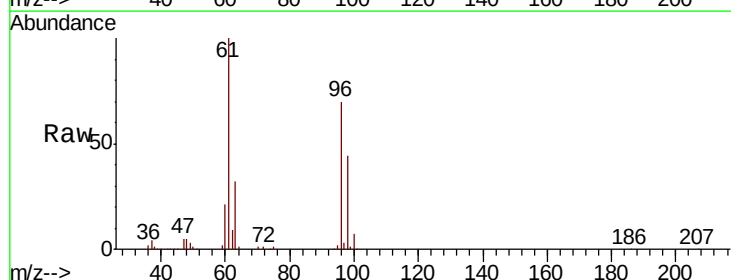
Tgt Ion: 96 Resp: 370874

Ion Ratio Lower Upper

96 100

61 143.3 0.0 325.0

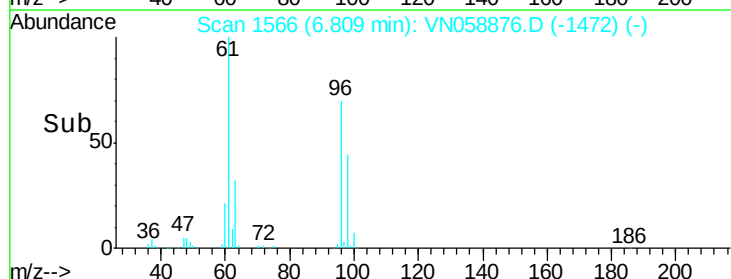
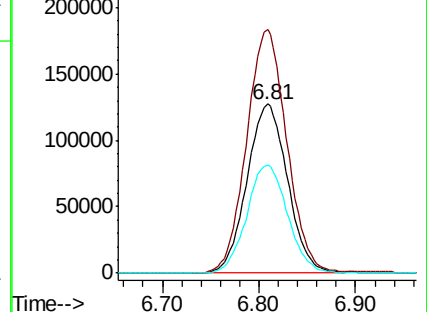
98 64.5 0.0 128.0

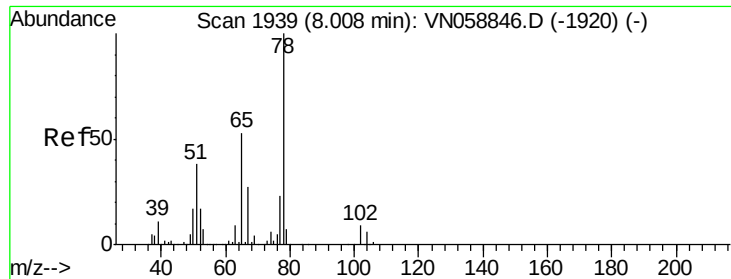


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

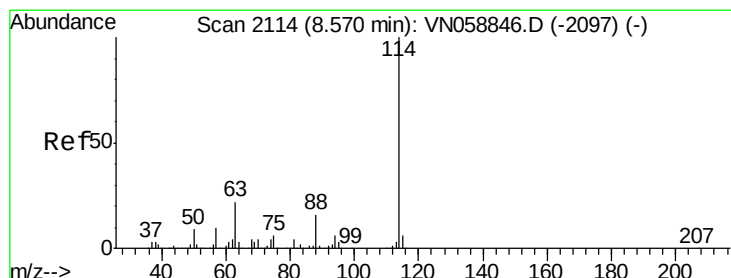
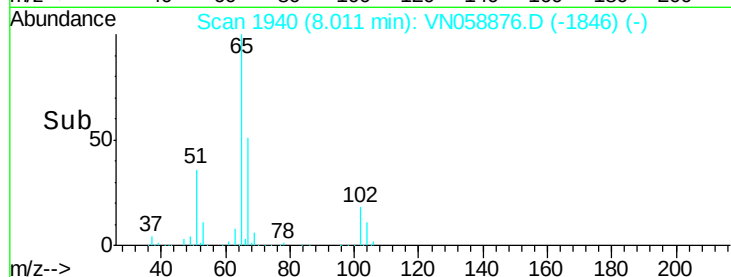
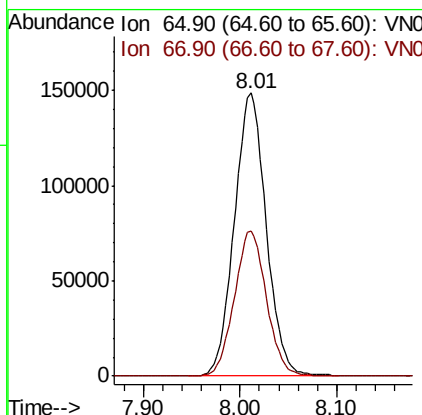
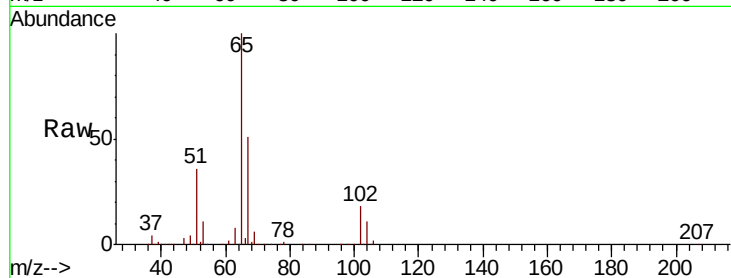




#33
 1,2-Dichloroethane-d4
 Concen: 52.042 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058876.D
 Acq: 21 Oct 2019 10:43

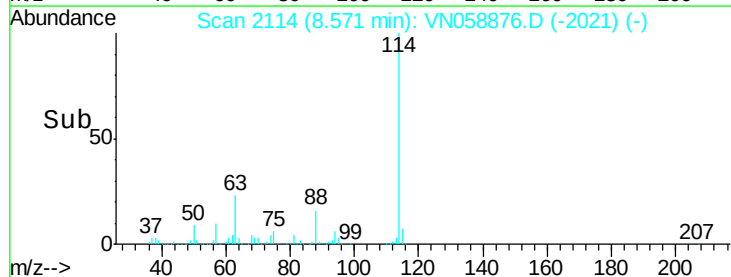
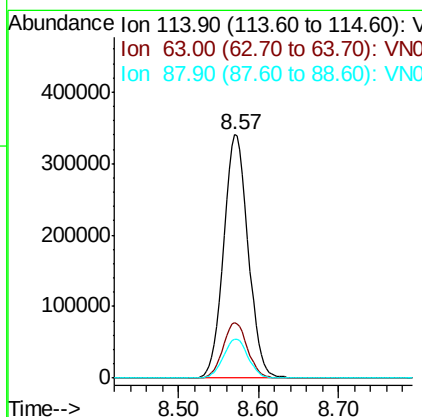
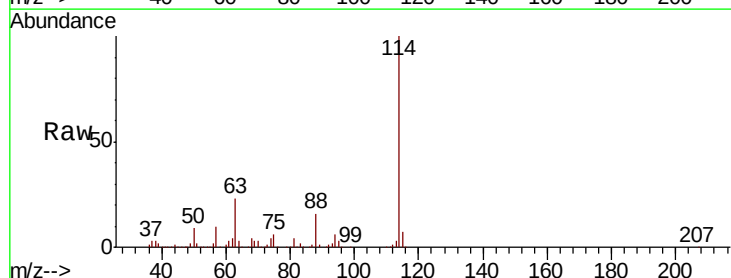
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-EX3

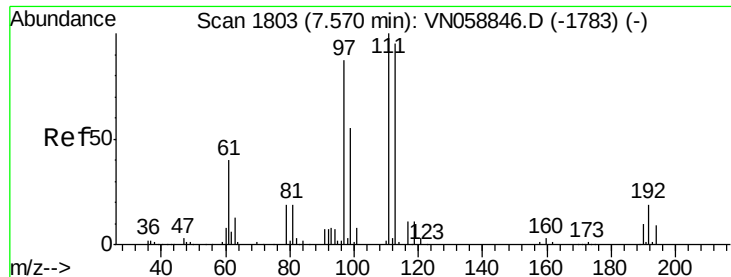
Tot Ion: 65 Resp: 339488
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058876.D
 Acq: 21 Oct 2019 10:43

Tgt Ion: 114 Resp: 716239
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.4
 88 16.0 0.0 31.4

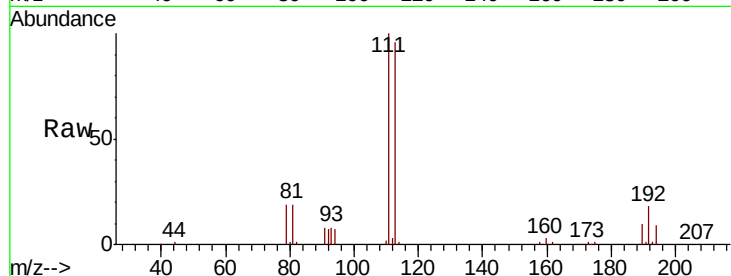




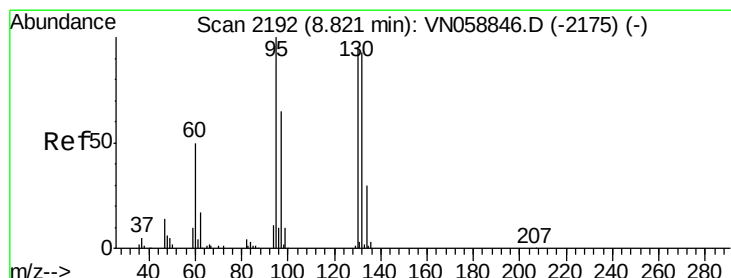
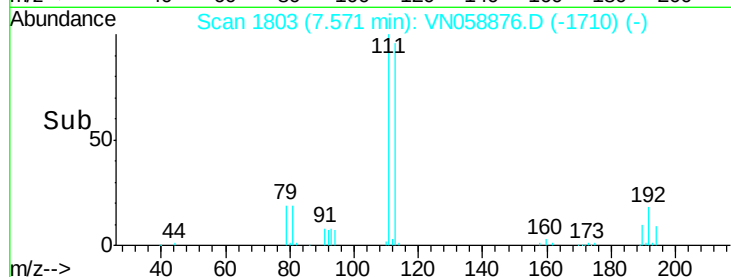
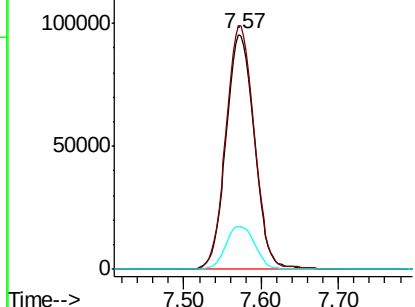
#35
Dibromofluoromethane
Concen: 51.534 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN058876.D
Acq: 21 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampled :
FA19-EX3

Tot Ion:113 Resp: 242679
Ion Ratio Lower Upper
113 100
111 103.9 82.0 123.0
192 18.8 15.0 22.6

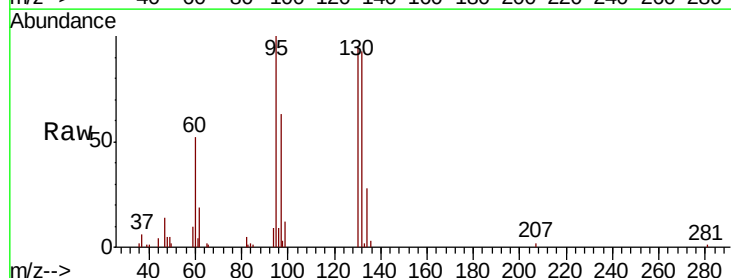


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

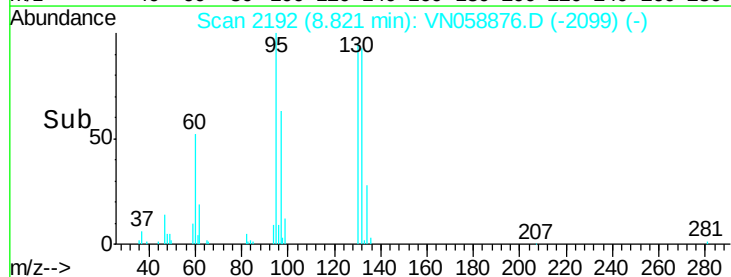
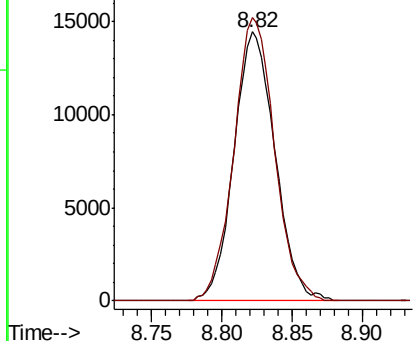


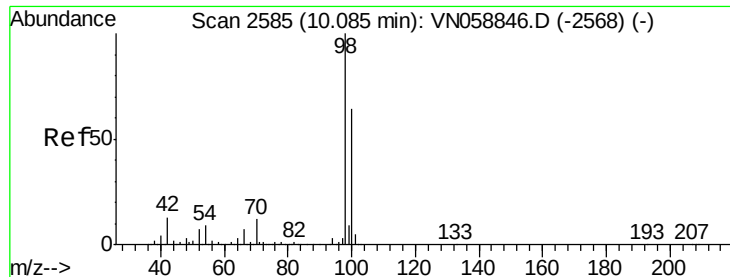
#44
Trichloroethene
Concen: 5.627 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN058876.D
Acq: 21 Oct 2019 10:43

Tgt Ion:130 Resp: 29516
Ion Ratio Lower Upper
130 100
95 105.2 0.0 209.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.910 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058876.D

Acq: 21 Oct 2019 10:43

Instrument :

MSVOA_N

ClientSampled :

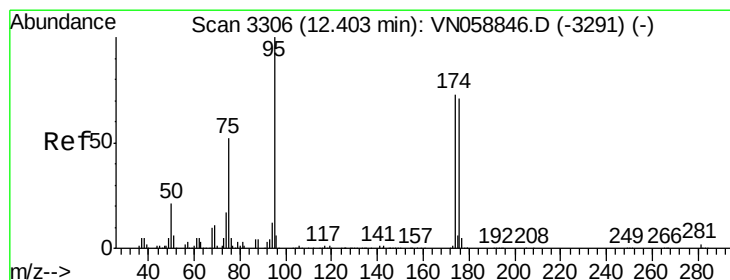
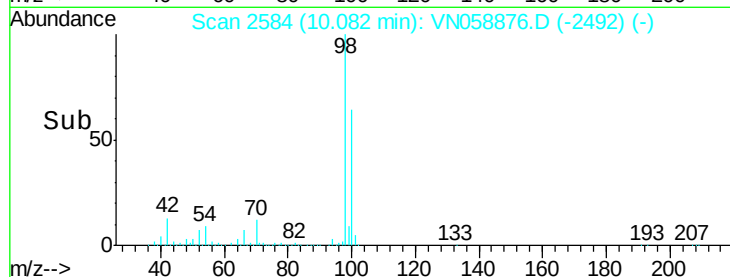
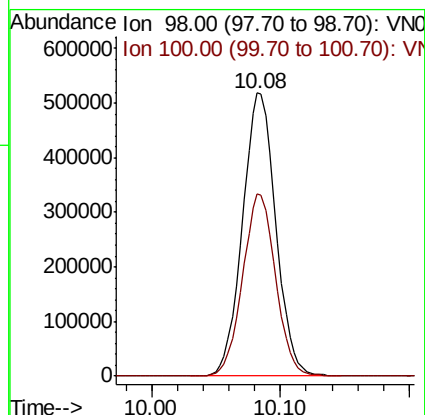
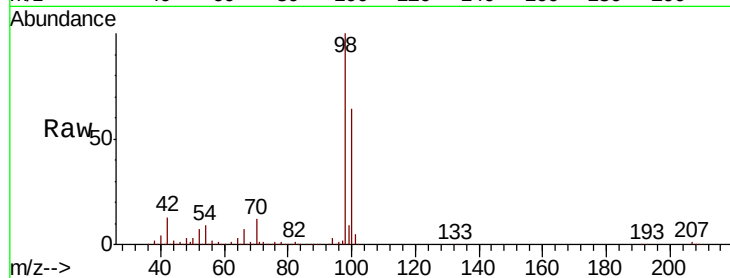
FA19-EX3

Tot Ion: 98 Resp: 930639

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 44.665 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058876.D

Acq: 21 Oct 2019 10:43

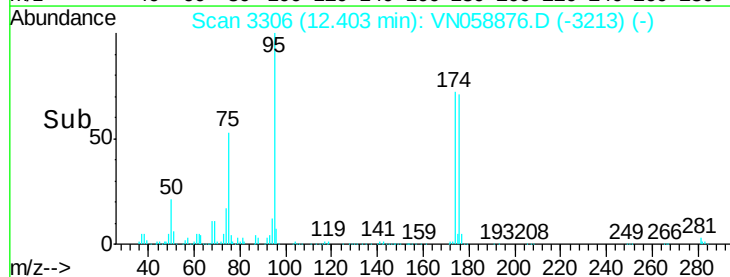
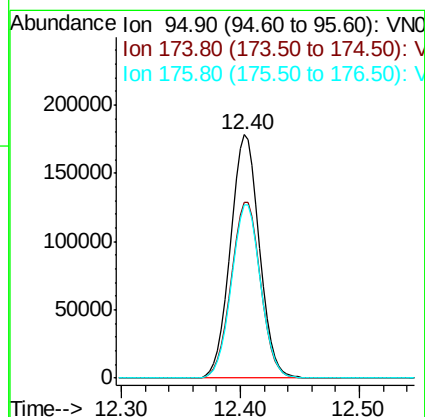
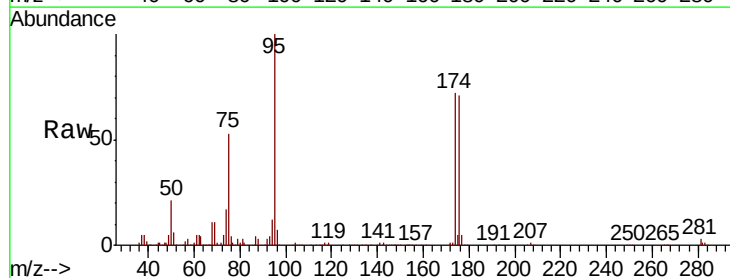
Tgt Ion: 95 Resp: 299831

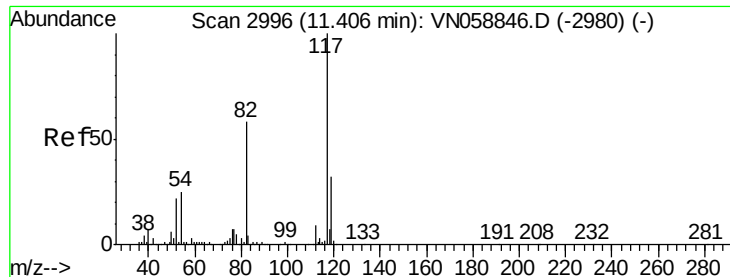
Ion Ratio Lower Upper

95 100

174 73.6 0.0 147.6

176 72.0 0.0 143.2

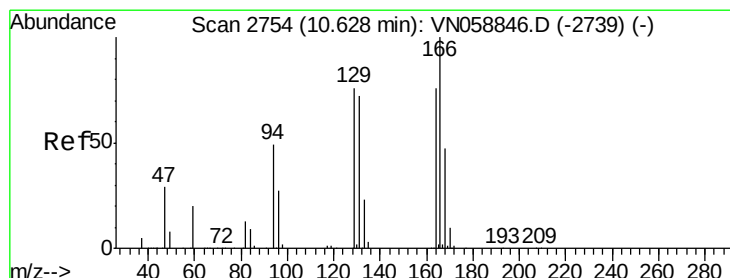
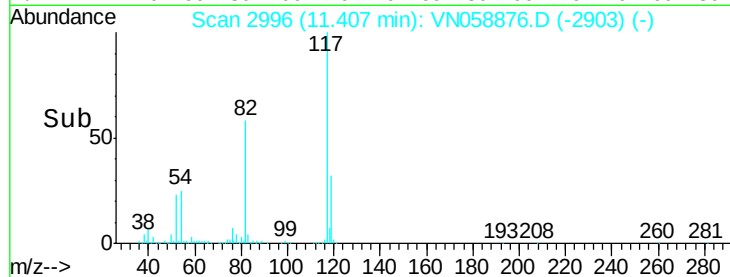
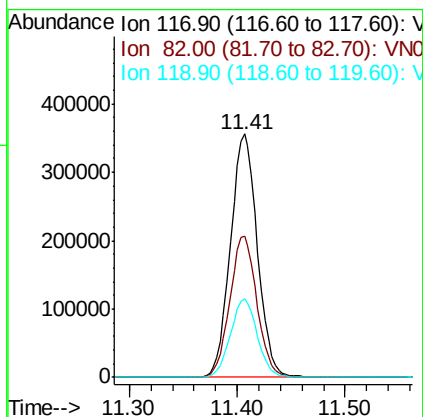
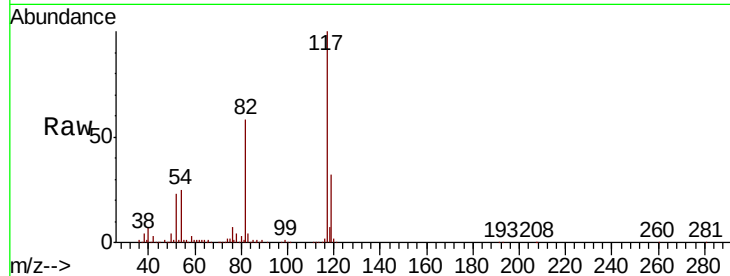




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058876.D
Acq: 21 Oct 2019 10:43

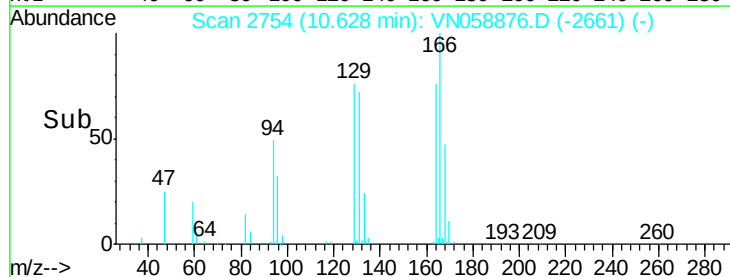
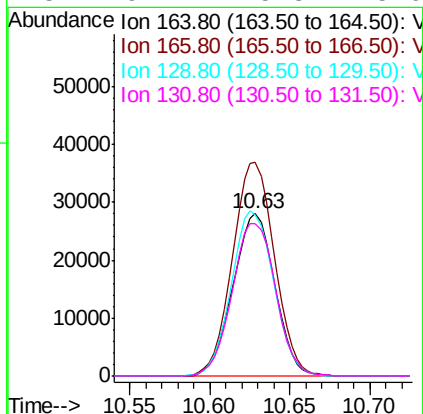
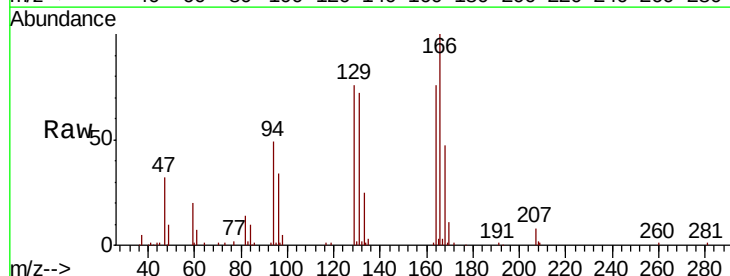
Instrument :
MSVOA_N
ClientSampleId :
FA19-EX3

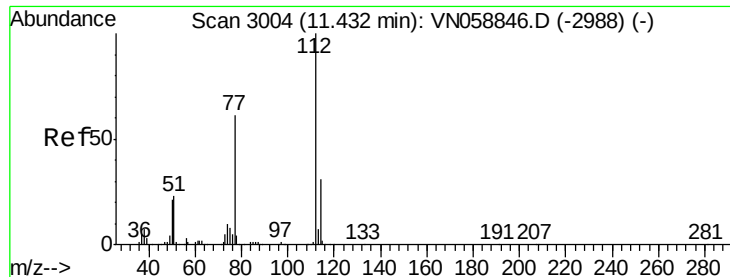
Tot Ion:117 Resp: 619500
Ion Ratio Lower Upper
117 100
82 58.2 46.6 69.8
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 11.571 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058876.D
Acq: 21 Oct 2019 10:43

Tgt Ion:164 Resp: 50200
Ion Ratio Lower Upper
164 100
166 131.4 104.8 157.2
129 99.5 79.3 118.9
131 94.1 75.8 113.6





#65

Chlorobenzene

Concen: 0.278 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN058876.D

Acq: 21 Oct 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

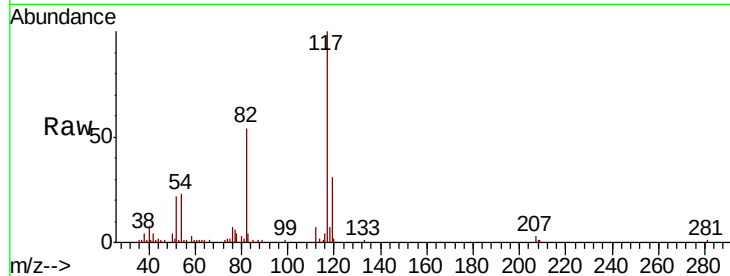
FA19-EX3

Tot Ion:112 Resp: 3504

Ion Ratio Lower Upper

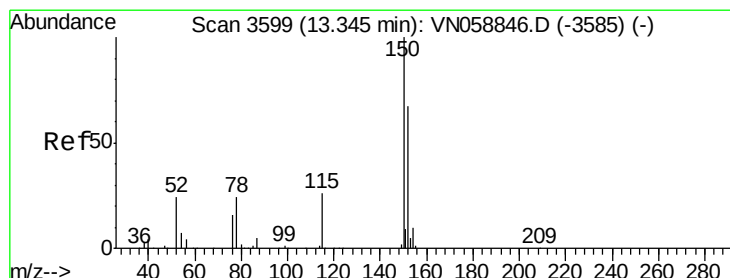
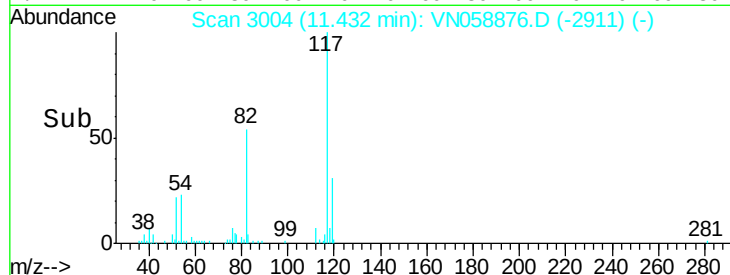
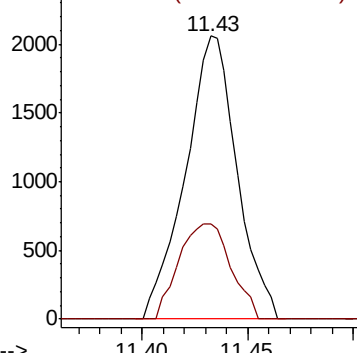
112 100

114 33.6 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VN058876.D

Acq: 21 Oct 2019 10:43

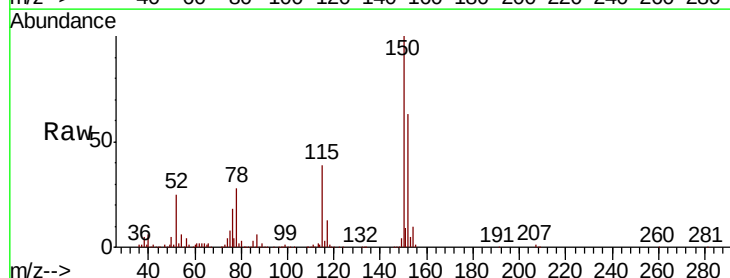
Tgt Ion:152 Resp: 225650

Ion Ratio Lower Upper

152 100

115 60.7 30.5 91.5

150 156.1 0.0 344.4



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

