

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063166.D
 Acq On : 1 Sep 2020 19:41
 Operator : JC/MD
 Sample : L3850-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 228

Quant Time: Sep 02 04:57:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

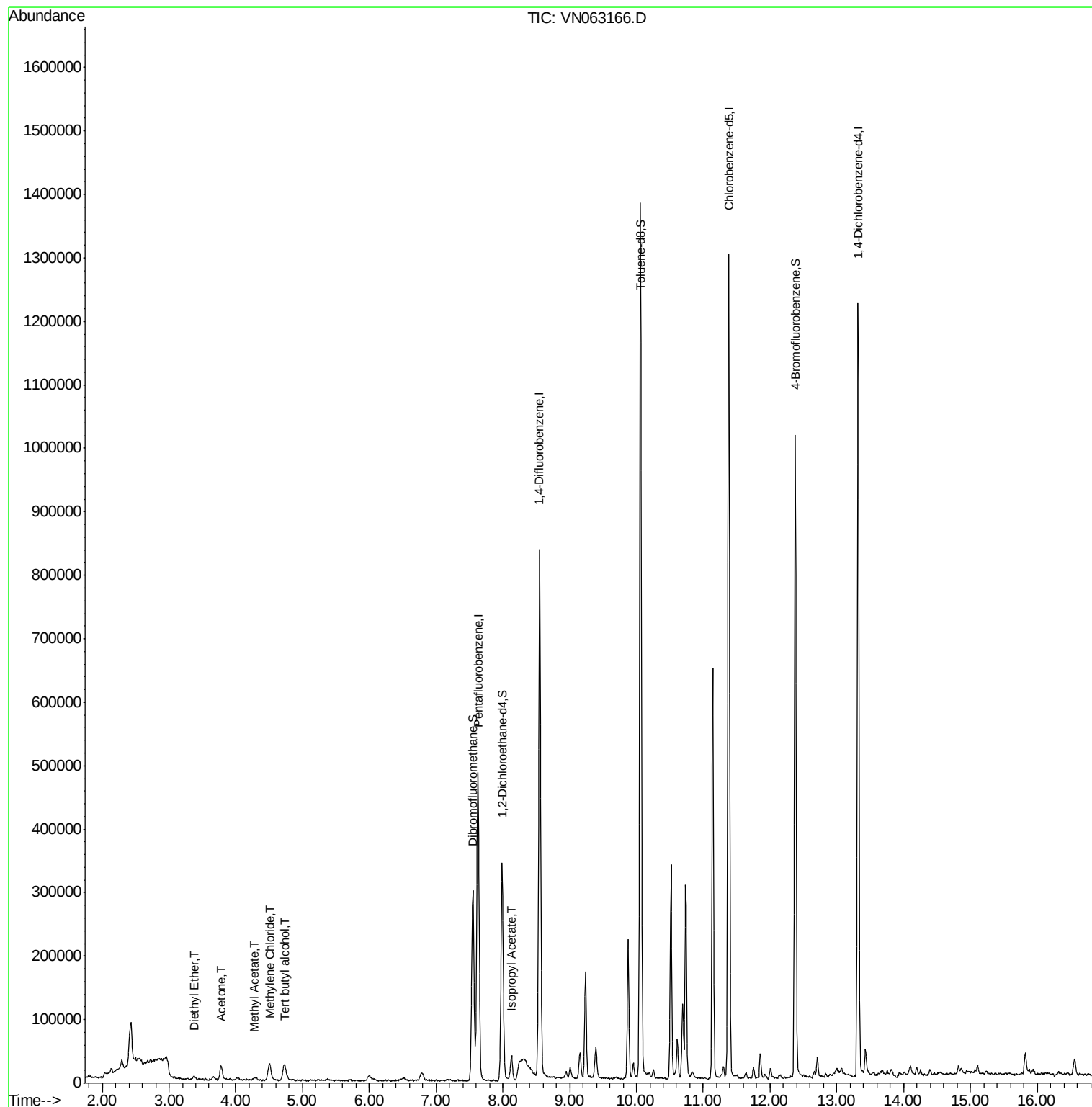
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	354578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	706199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	707078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	297381	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	283698	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	7.55	113	224380	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	10.06	98	905433	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.38	95	327409	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
Target Compounds						
8) Diethyl Ether	3.38	74	3693	1.374	ug/l	70
11) Tert butyl alcohol	4.72	59	48342	67.944	ug/l #	90
16) Acetone	3.78	43	39111	23.736	ug/l	94
18) Methyl Acetate	4.29	43	6328	1.498	ug/l	94
20) Methylene Chloride	4.51	84	19848	3.830	ug/l	95
43) Isopropyl Acetate	8.13	43	48729	4.401	ug/l #	91

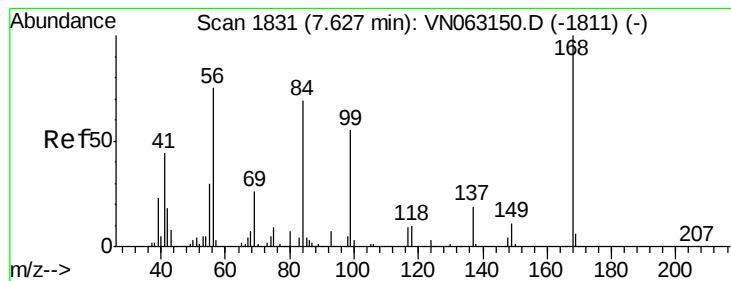
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090120\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063166.D

Acq: 1 Sep 2020 19:41

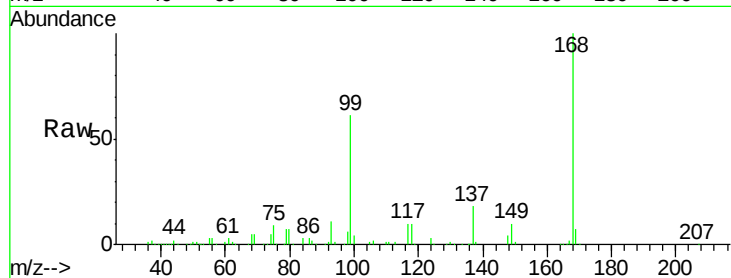
Instrument :
MSVOA_N
ClientSampleId :
228

Tot Ion:168 Resp: 354578

Ion Ratio Lower Upper

168 100

99 60.8 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

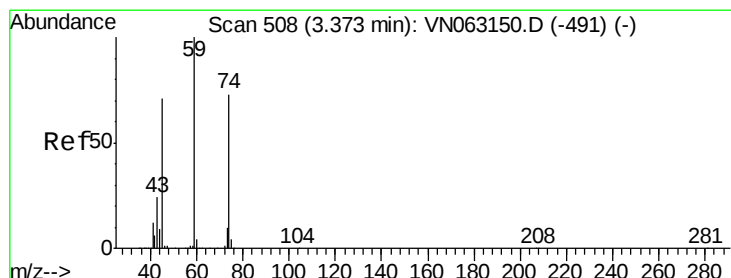
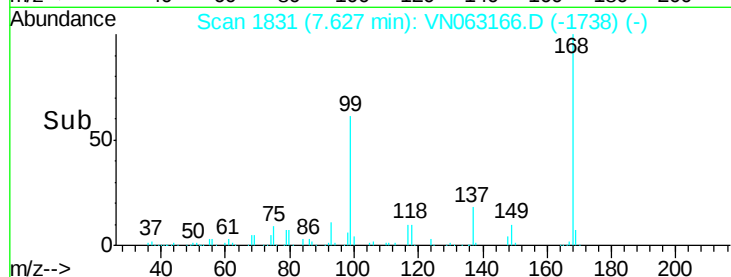
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#8

Diethyl Ether

Concen: 1.374 ug/l

RT: 3.38 min Scan# 510

Delta R.T. 0.01 min

Lab File: VN063166.D

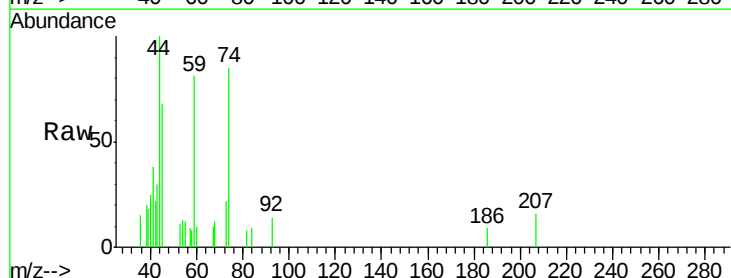
Acq: 1 Sep 2020 19:41

Tgt Ion: 74 Resp: 3693

Ion Ratio Lower Upper

74 100

45 68.8 49.5 148.5



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.38

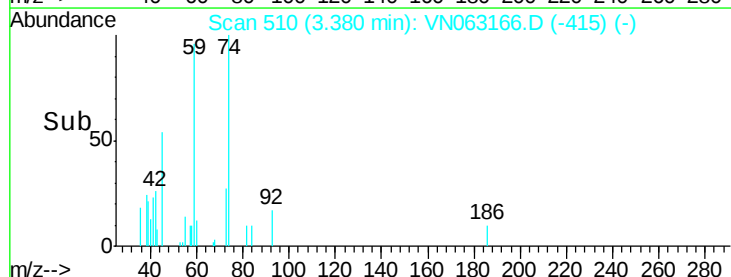
1500

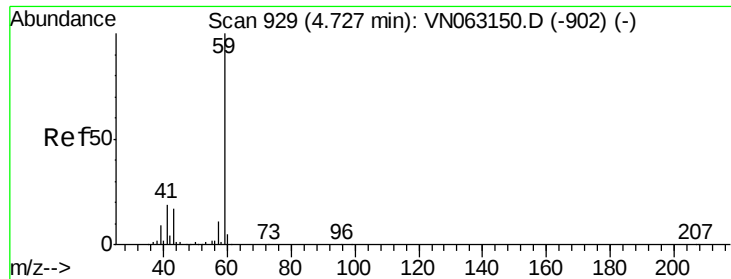
1000

500

0

Time--> 3.30 3.35 3.40

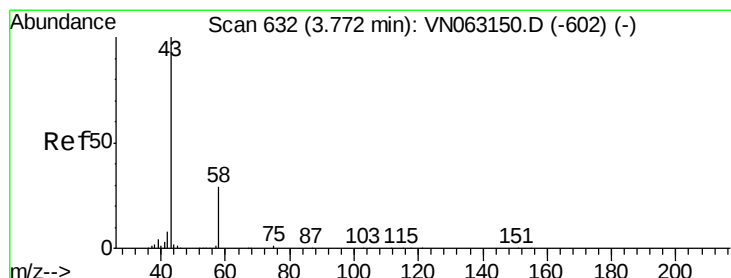
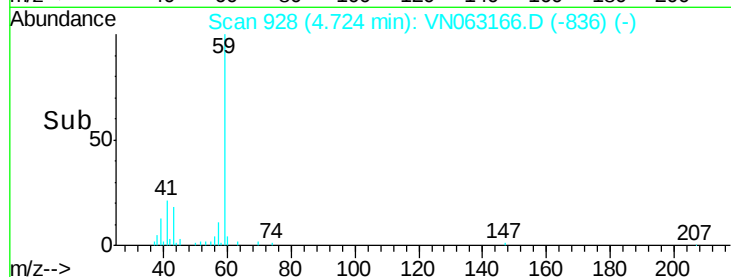
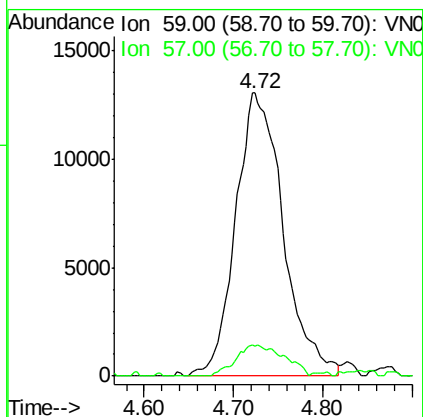
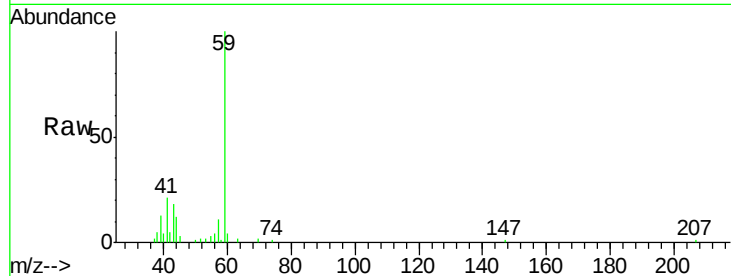




#11
Tert butyl alcohol
Concen: 67.944 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.00 min
Lab File: VN063166.D
Acq: 1 Sep 2020 19:41

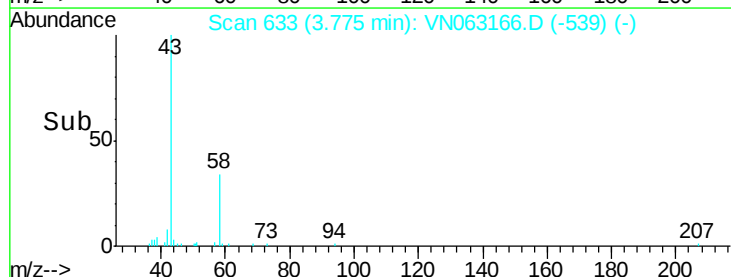
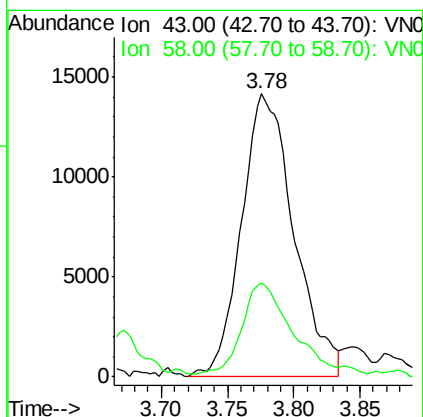
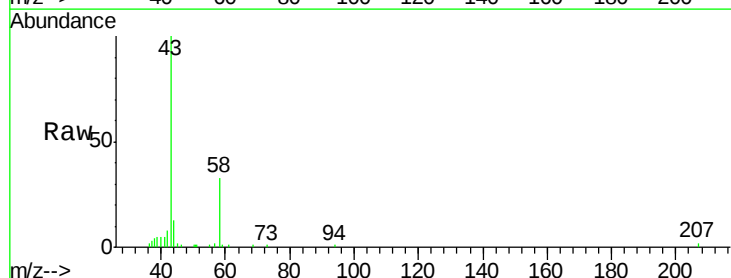
Instrument :
MSVOA_N
ClientSampled :
228

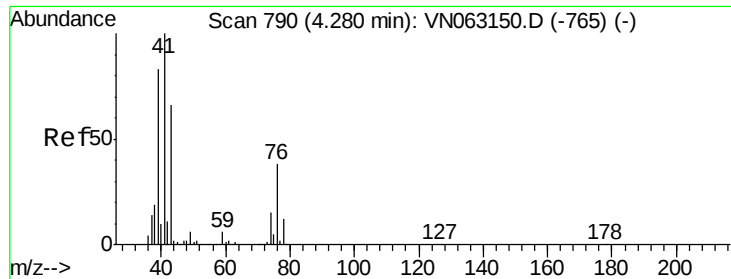
Tot Ion: 59 Resp: 48342
Ion Ratio Lower Upper
59 100
57 6.8 8.4 12.6#



#16
Acetone
Concen: 23.736 ug/l
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN063166.D
Acq: 1 Sep 2020 19:41

Tgt Ion: 43 Resp: 39111
Ion Ratio Lower Upper
43 100
58 32.1 23.1 34.7

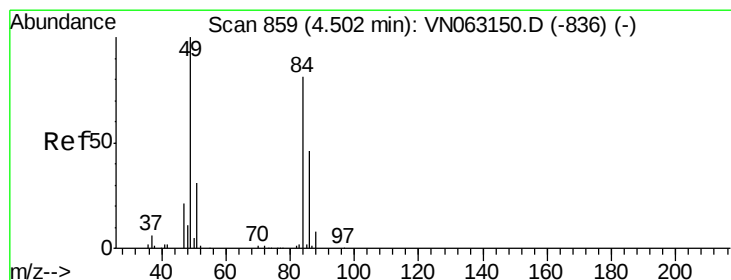
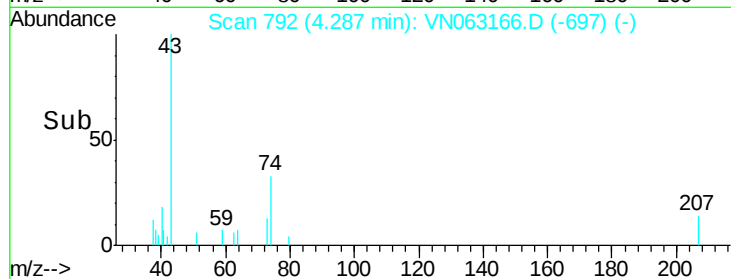
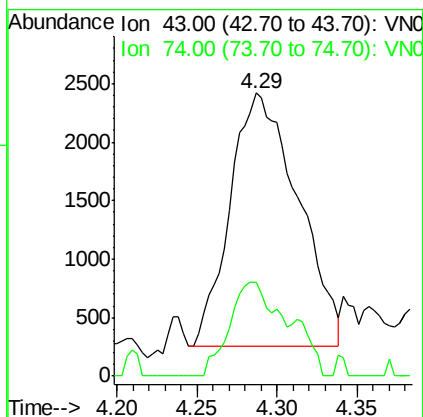
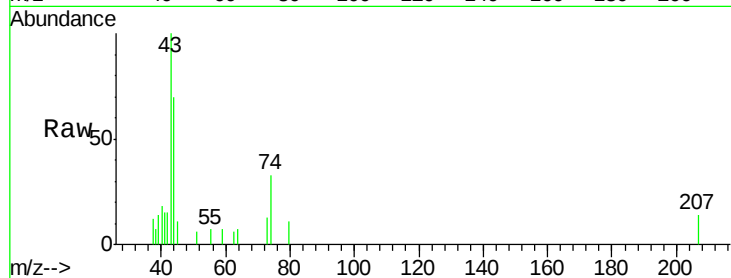




#18
Methyl Acetate
Concen: 1.498 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN063166.D
Acq: 1 Sep 2020 19:41

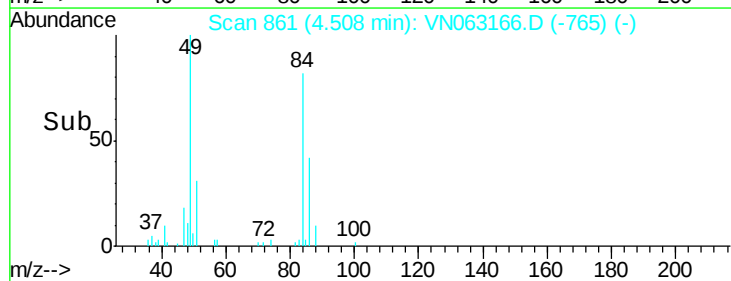
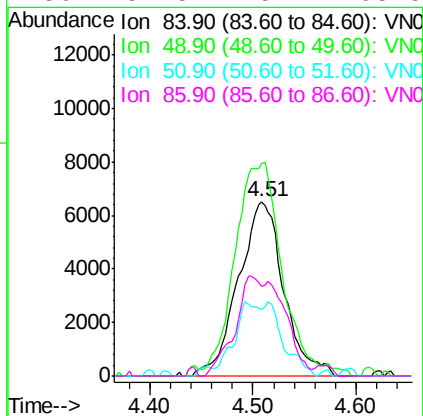
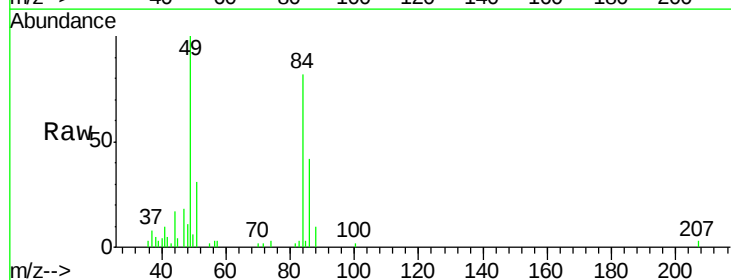
Instrument :
MSVOA_N
ClientSampled :
228

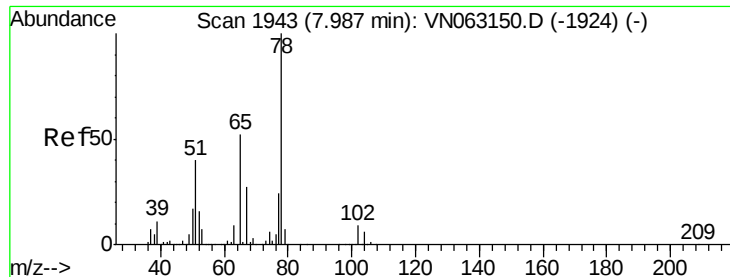
Tot Ion: 43 Resp: 6328
Ion Ratio Lower Upper
43 100
74 26.6 19.0 28.6



#20
Methylene Chloride
Concen: 3.830 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063166.D
Acq: 1 Sep 2020 19:41

Tgt Ion: 84 Resp: 19848
Ion Ratio Lower Upper
84 100
49 118.1 98.4 147.6
51 38.2 30.4 45.6
86 51.5 45.7 68.5





#33

1,2-Dichloroethane-d4

Concen: 48.945 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063166.D

Acq: 1 Sep 2020 19:41

Instrument :

MSVOA_N

ClientSampleId :

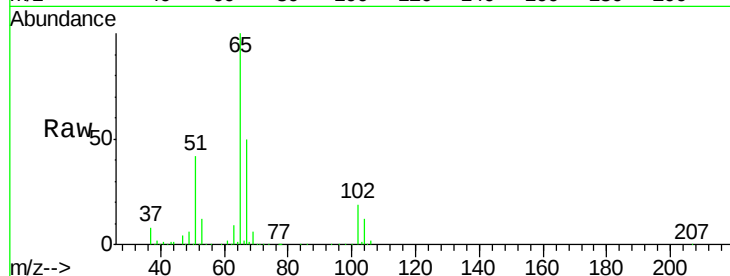
228

Tot Ion: 65 Resp: 283698

Ion Ratio Lower Upper

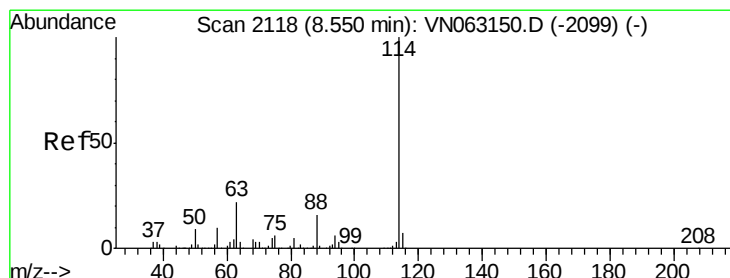
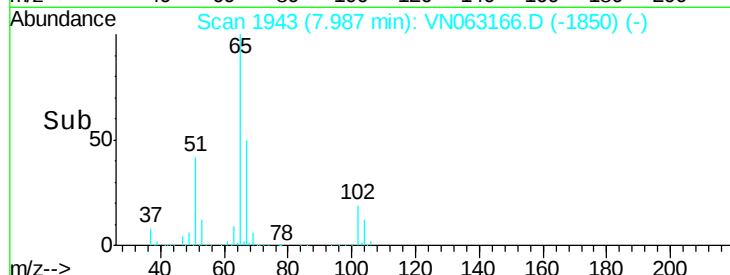
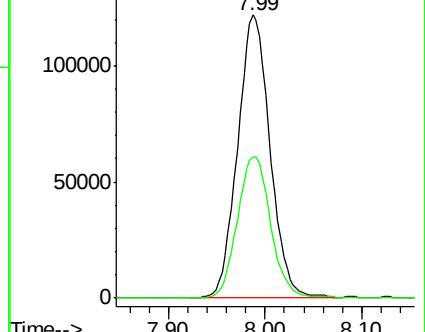
65 100

67 51.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063166.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063166.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063166.D

Acq: 1 Sep 2020 19:41

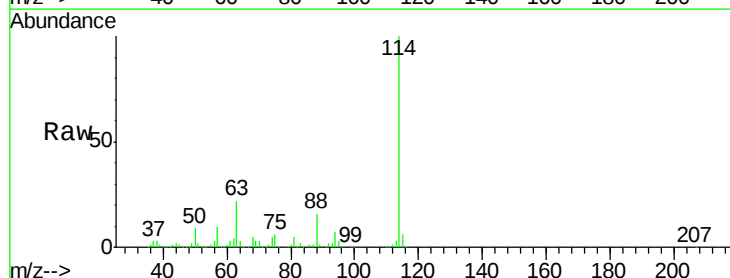
Tgt Ion: 114 Resp: 706199

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.0

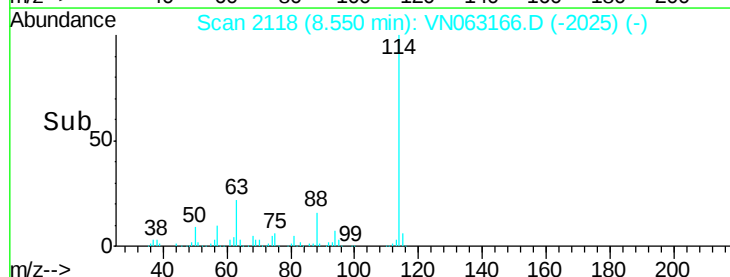
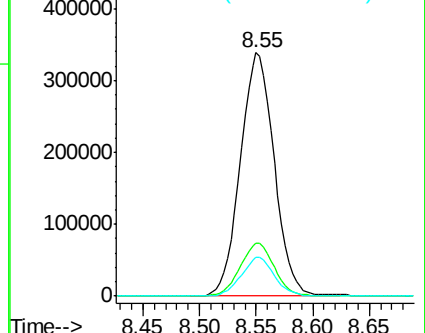
88 15.7 0.0 31.6

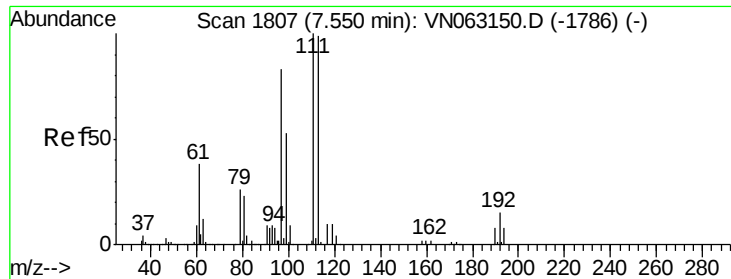


Abundance Ion 113.90 (113.60 to 114.60): VN063166.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063166.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063166.D (-2025) (-)

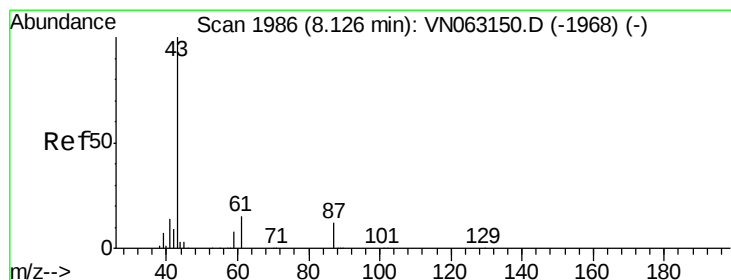
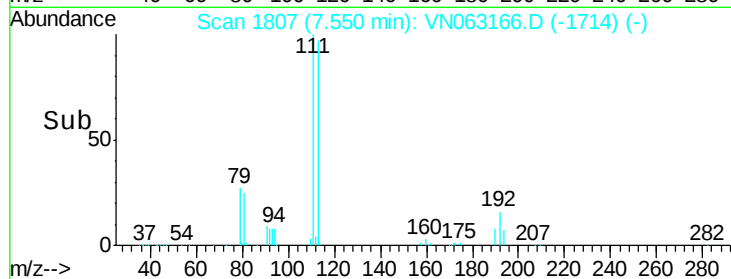
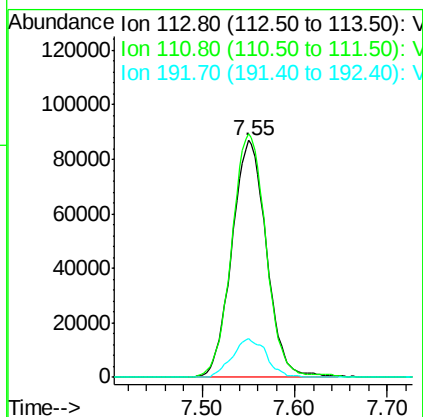
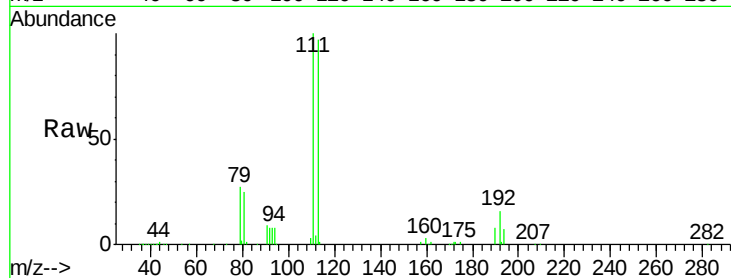




#35
 Dibromofluoromethane
 Concen: 49.525 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063166.D
 Acq: 1 Sep 2020 19:41

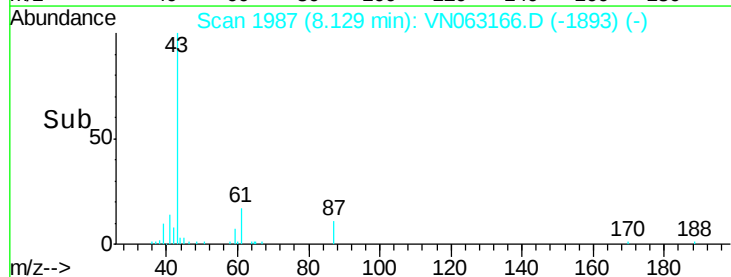
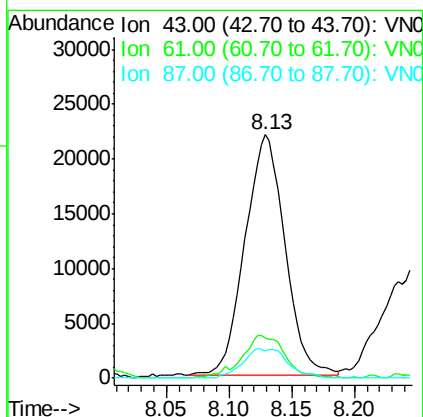
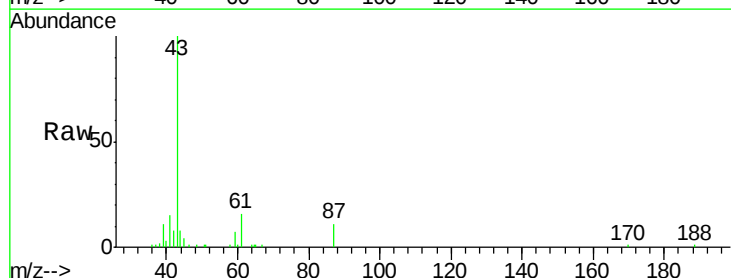
Instrument :
 MSVOA_N
 ClientSampleId :
 228

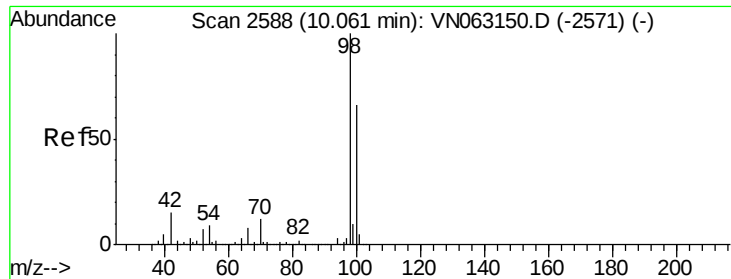
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.7	121.1
192	16.2	12.6	19.0



#43
 Isopropyl Acetate
 Concen: 4.401 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063166.D
 Acq: 1 Sep 2020 19:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	20.2	30.4#
87	13.6	9.8	14.6





#50

Toluene-d8

Concen: 51.922 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063166.D

Acq: 1 Sep 2020 19:41

Instrument :

MSVOA_N

ClientSampled :

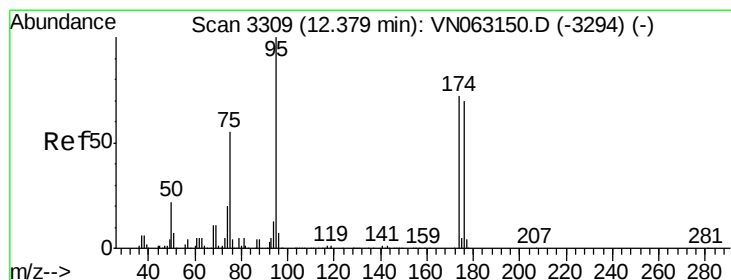
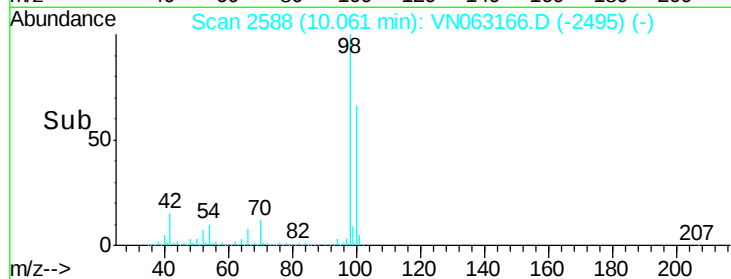
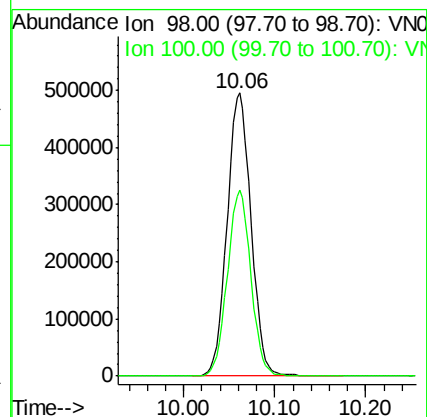
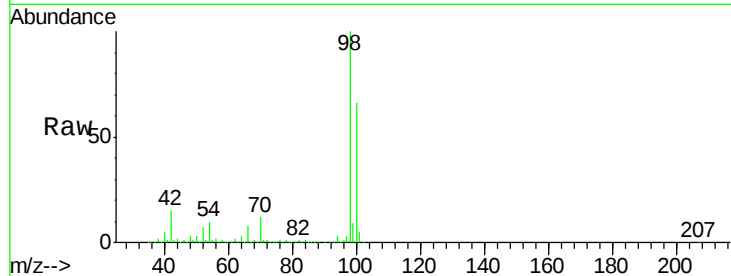
228

Tot Ion: 98 Resp: 905433

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 53.673 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063166.D

Acq: 1 Sep 2020 19:41

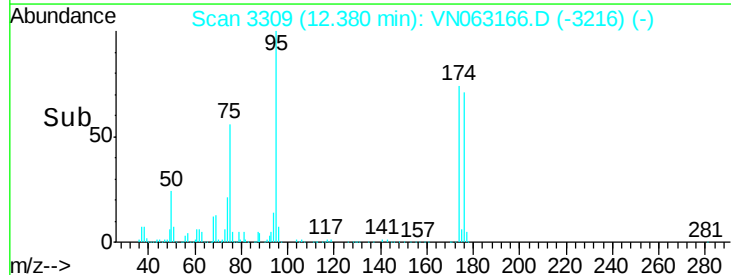
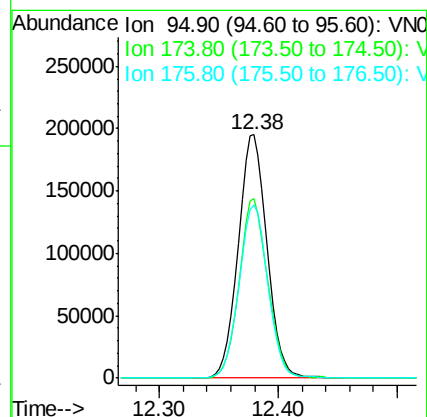
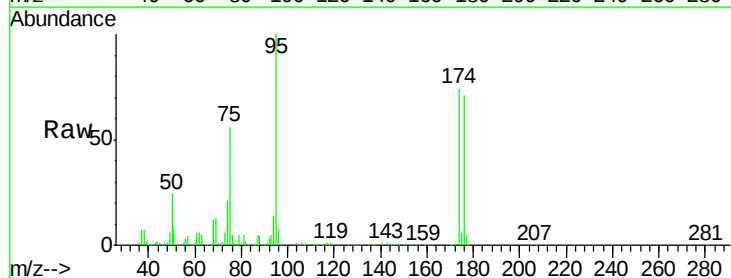
Tgt Ion: 95 Resp: 327409

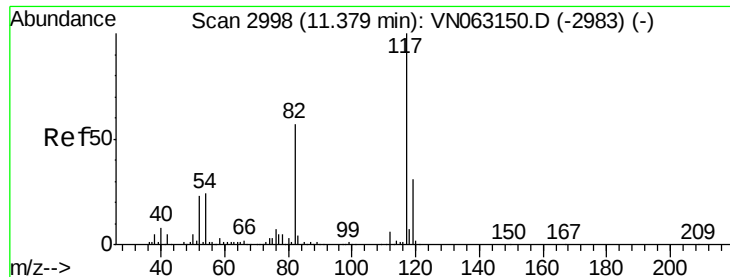
Ion Ratio Lower Upper

95 100

174 72.8 0.0 143.8

176 71.2 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VN063166.D

Acq: 1 Sep 2020 19:41

Instrument :

MSVOA_N

ClientSampled :

228

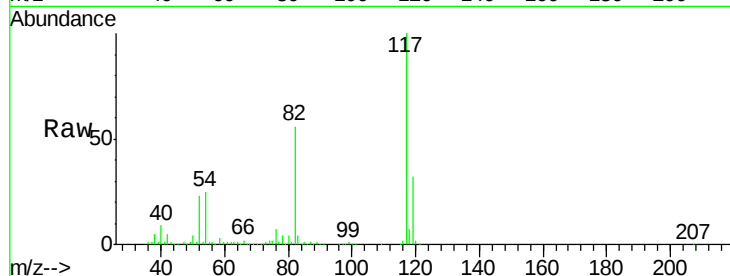
Tot Ion:117 Resp: 707078

Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.0

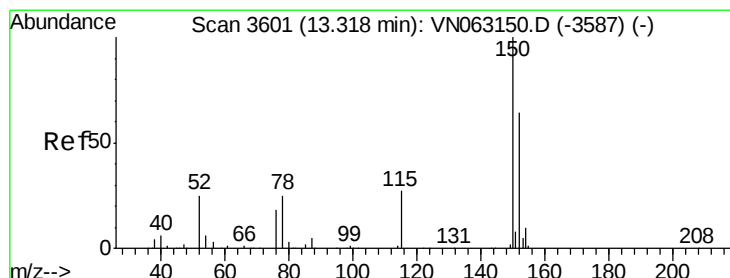
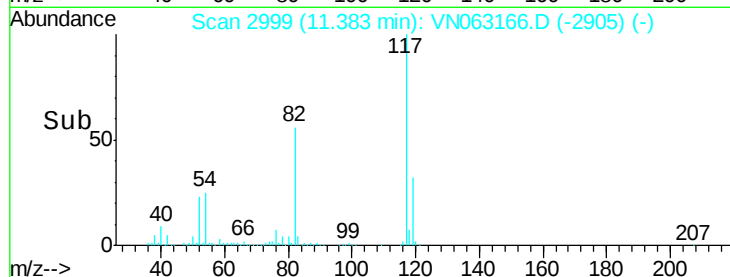
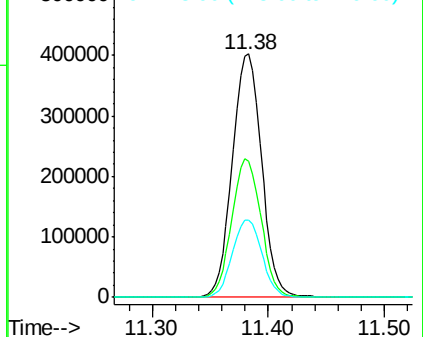
119 31.9 24.6 37.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063166.D

Acq: 1 Sep 2020 19:41

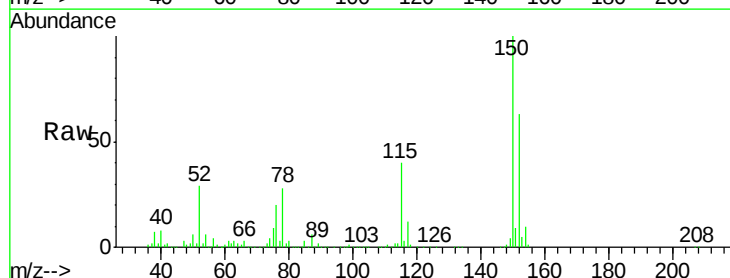
Tgt Ion:152 Resp: 297381

Ion Ratio Lower Upper

152 100

115 62.0 32.0 96.2

150 156.9 0.0 353.0



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

