

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055549.D
 Acq On : 10 May 2019 14:02
 Operator : JC/SP
 Sample : K2758-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-02

Quant Time: May 11 13:42:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

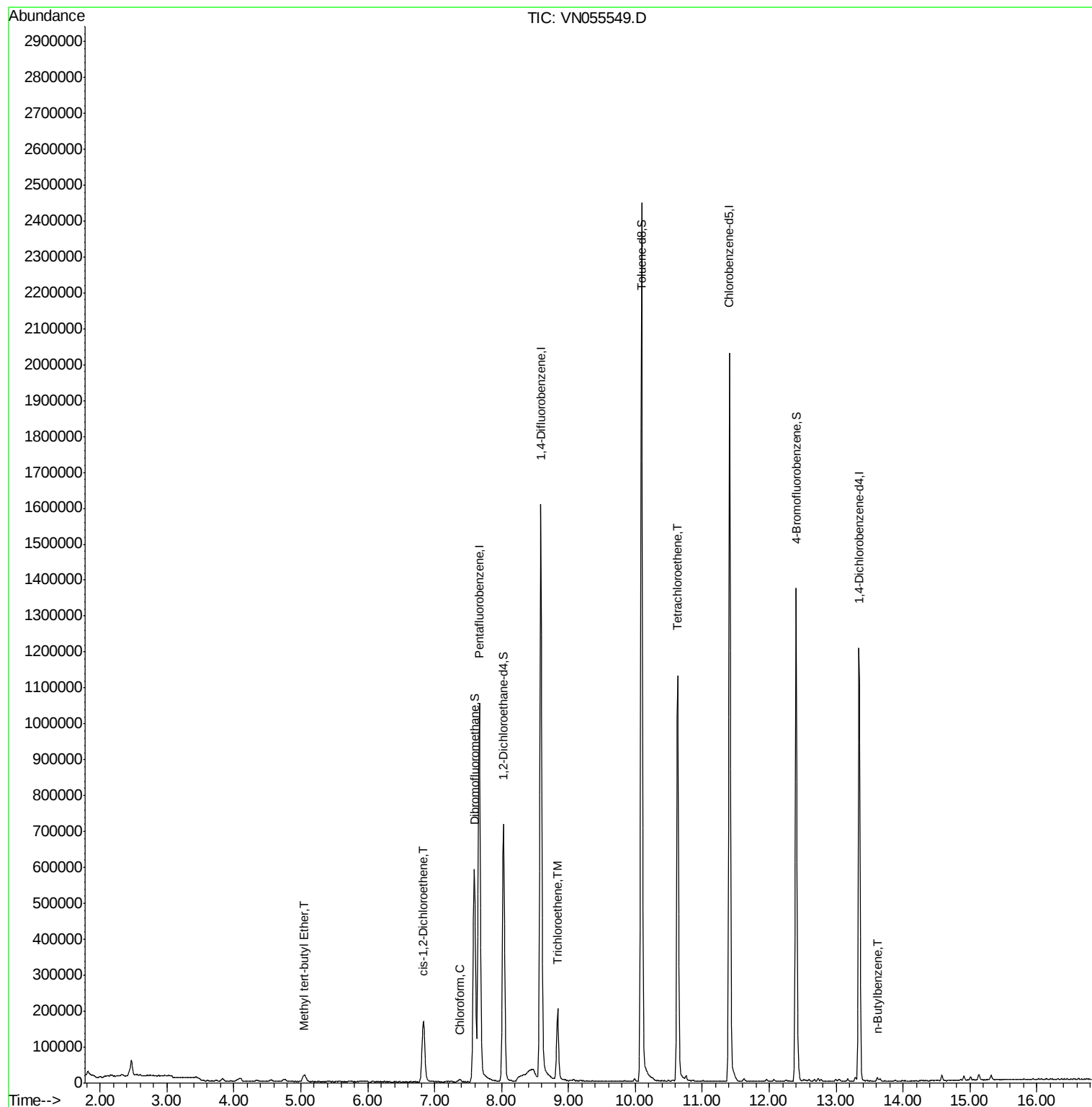
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	888895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1447494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1209701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	335651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	595914	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	
35) Dibromofluoromethane	7.59	113	461120	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.09	98	1746400	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.40	95	506950	41.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.64%	
Target Compounds						
19) Methyl tert-butyl Ether	5.06	73	27377	0.848	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	107597	8.839	ug/l	91
30) Chloroform	7.38	83	6920	0.343	ug/l	100
44) Trichloroethene	8.84	130	74293	7.055	ug/l	97
64) Tetrachloroethene	10.63	164	276063	27.850	ug/l	99
89) n-Butylbenzene	13.61	91	6370	0.330	ug/l	94

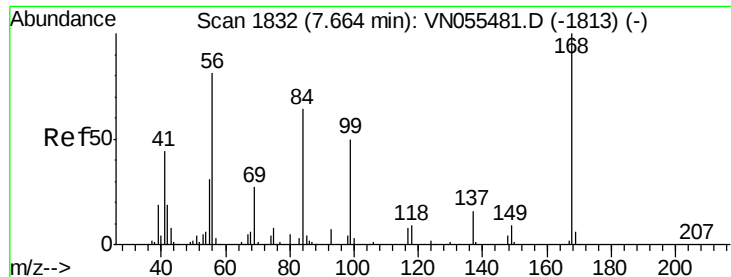
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051019\
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QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055549.D

Acq: 10 May 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

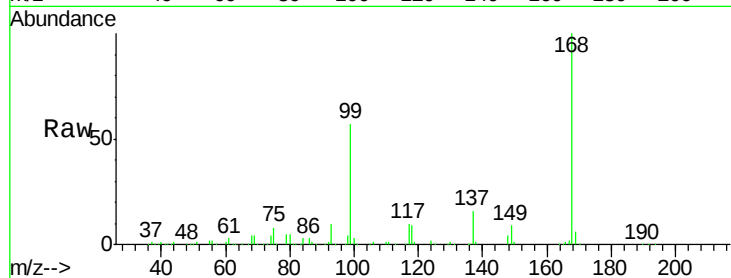
DUP-02

Tot Ion:168 Resp: 888895

Ion Ratio Lower Upper

168 100

99 57.0 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

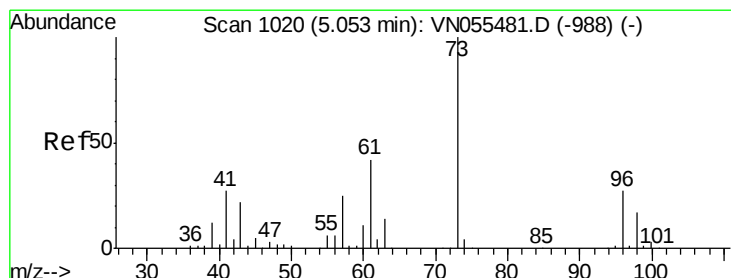
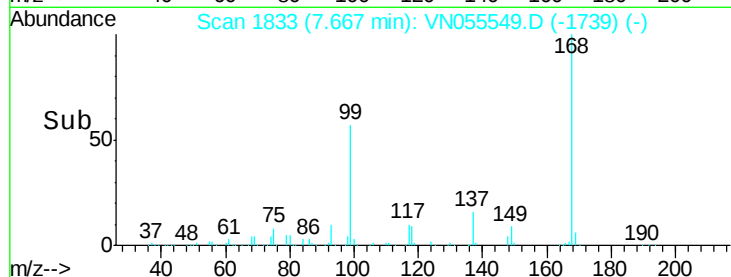
200000

100000

0

7.60 7.70 7.80

Time-->



#19

Methyl tert-butyl Ether

Concen: 0.848 ug/l

RT: 5.06 min Scan# 1021

Delta R.T. 0.00 min

Lab File: VN055549.D

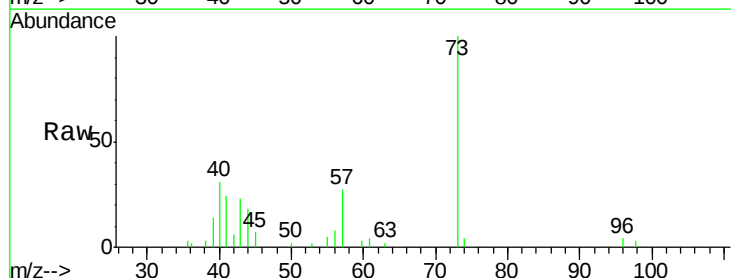
Acq: 10 May 2019 14:02

Tgt Ion: 73 Resp: 27377

Ion Ratio Lower Upper

73 100

57 26.8 20.0 30.0



Abundance Ion 73.00 (72.70 to 73.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

5.06

8000

6000

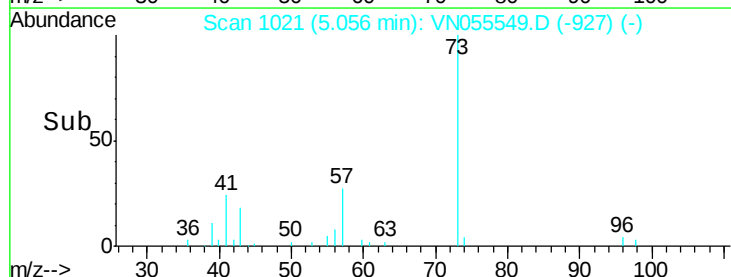
4000

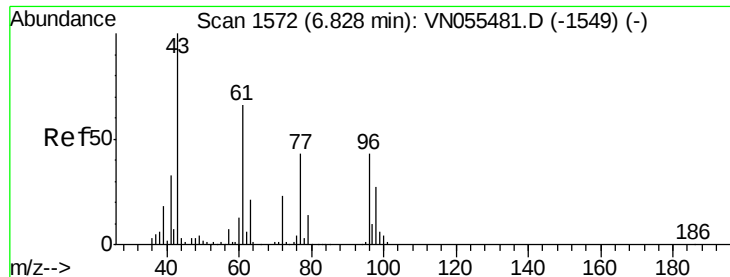
2000

0

5.00 5.10

Time-->





#27

cis-1,2-Dichloroethene

Concen: 8.839 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055549.D

Acq: 10 May 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

DUP-02

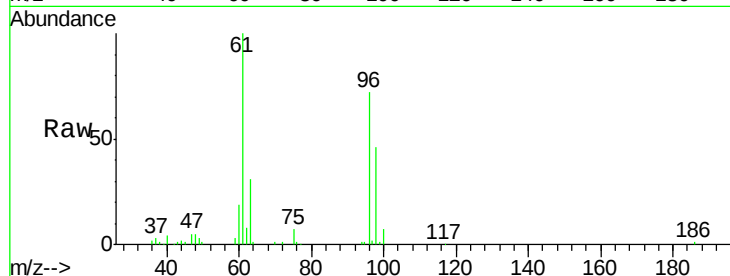
Tot Ion: 96 Resp: 107597

Ion Ratio Lower Upper

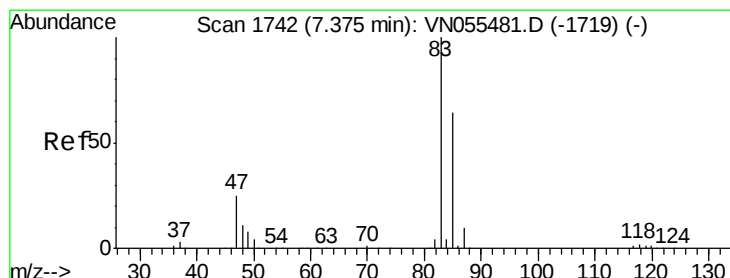
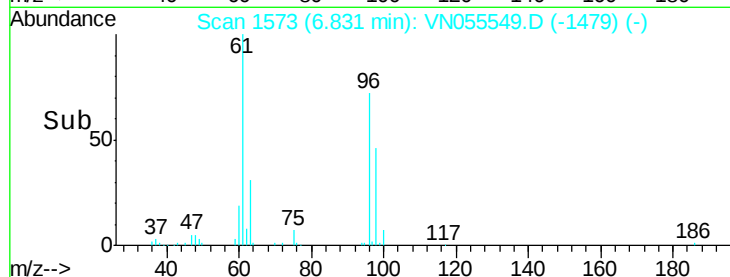
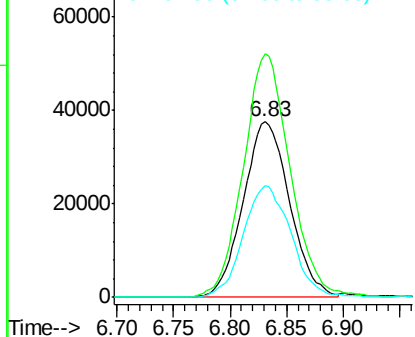
96 100

61 139.7 0.0 310.8

98 65.1 0.0 129.4



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



#30

Chloroform

Concen: 0.343 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VN055549.D

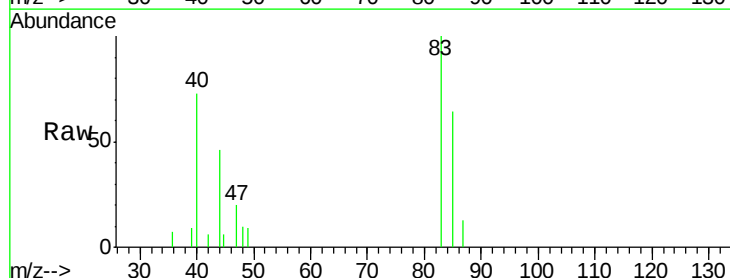
Acq: 10 May 2019 14:02

Tgt Ion: 83 Resp: 6920

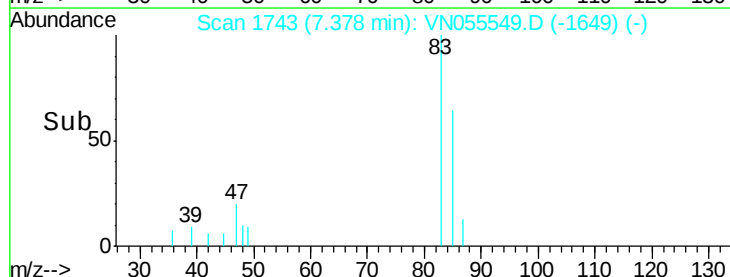
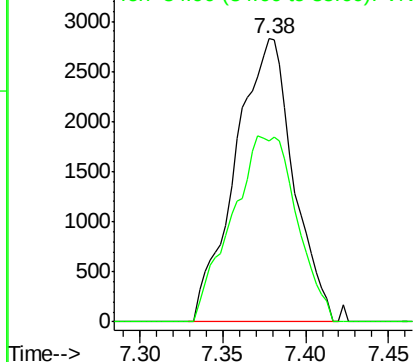
Ion Ratio Lower Upper

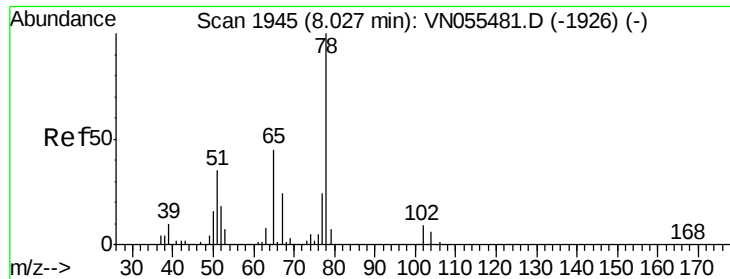
83 100

85 63.9 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC

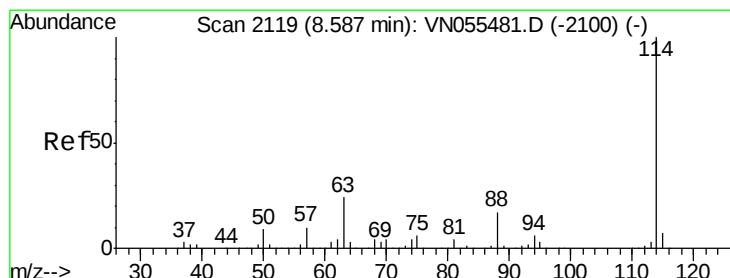
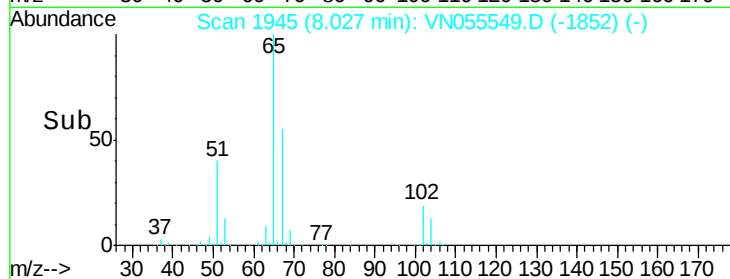
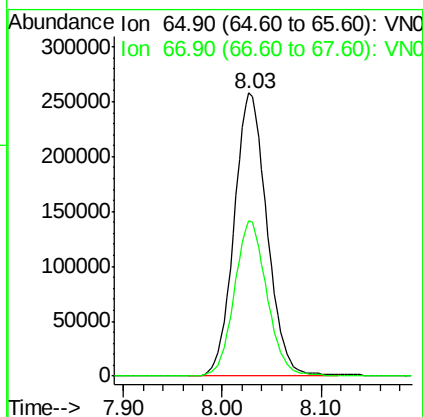
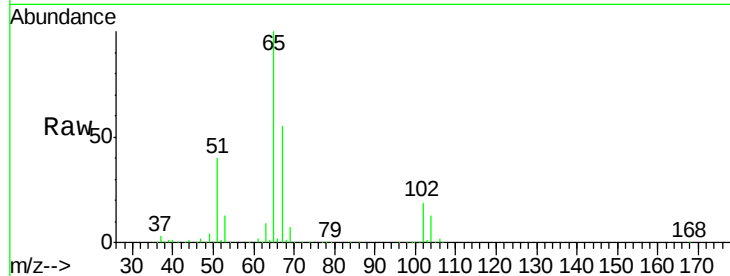




#33
 1,2-Dichloroethane-d4
 Concen: 44.525 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055549.D
 Acq: 10 May 2019 14:02

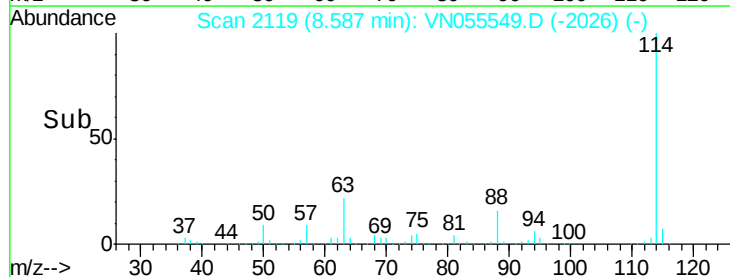
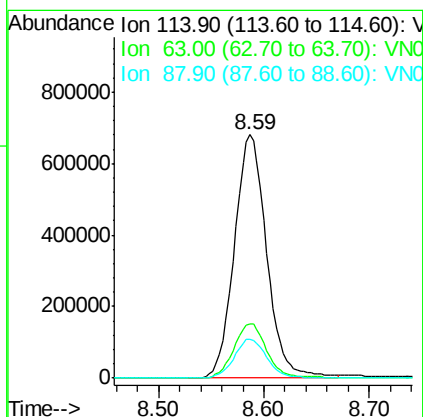
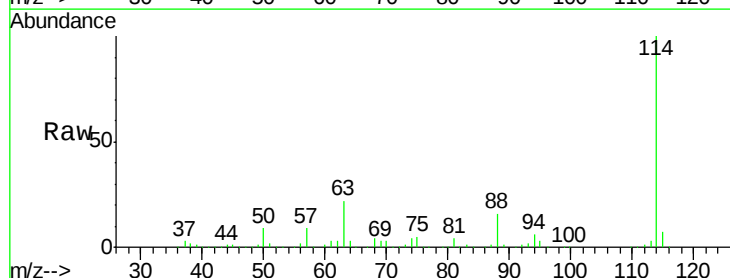
Instrument :
 MSVOA_N
 ClientSampleID :
 DUP-02

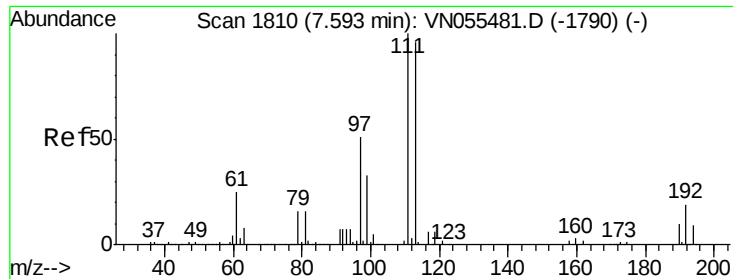
Tot Ion: 65 Resp: 595914
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055549.D
 Acq: 10 May 2019 14:02

Tgt Ion: 114 Resp: 1447494
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.4
 88 16.2 0.0 34.0

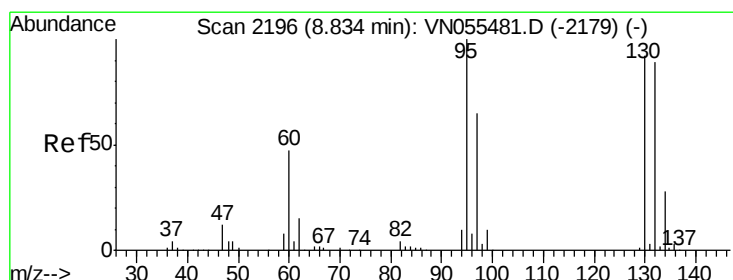
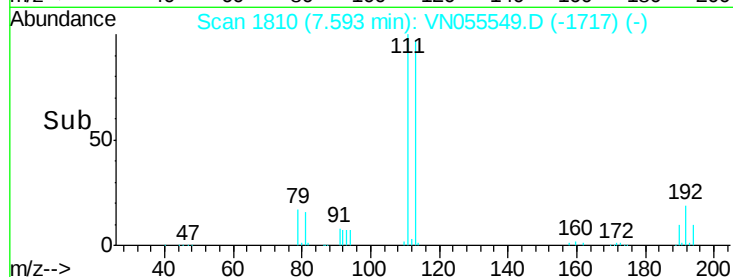
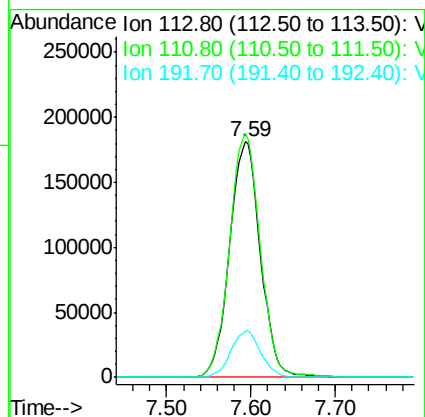
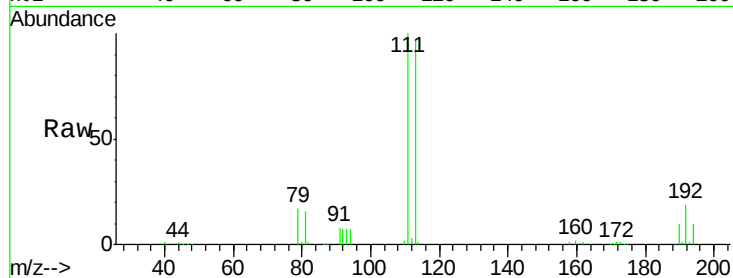




#35
Dibromofluoromethane
Concen: 49.384 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055549.D
Acq: 10 May 2019 14:02

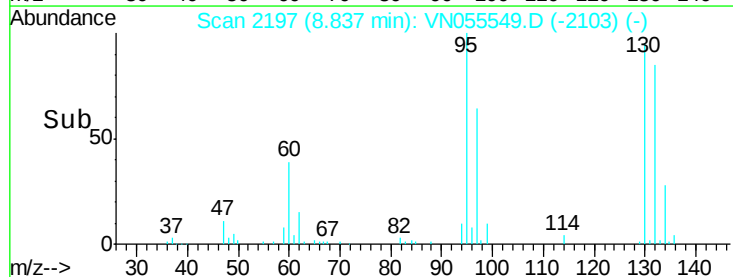
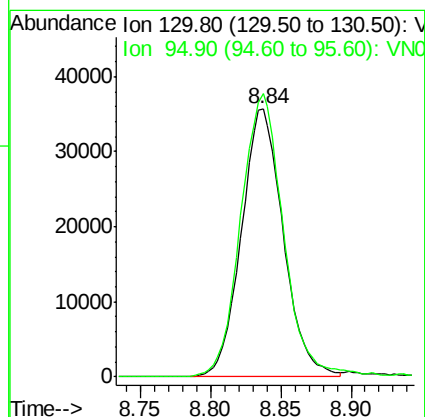
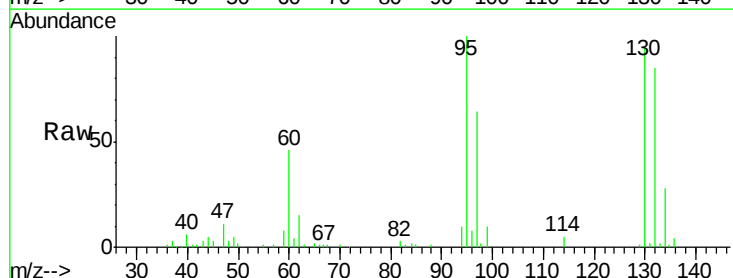
Instrument :
MSVOA_N
ClientSampleId :
DUP-02

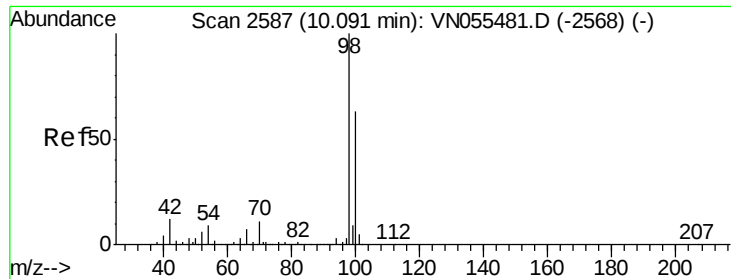
Tot Ion:113 Resp: 461120
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 19.4 15.6 23.4



#44
Trichloroethene
Concen: 7.055 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN055549.D
Acq: 10 May 2019 14:02

Tgt Ion:130 Resp: 74293
Ion Ratio Lower Upper
130 100
95 105.4 0.0 216.8





#50

Toluene-d8

Concen: 47.995 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055549.D

Acq: 10 May 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

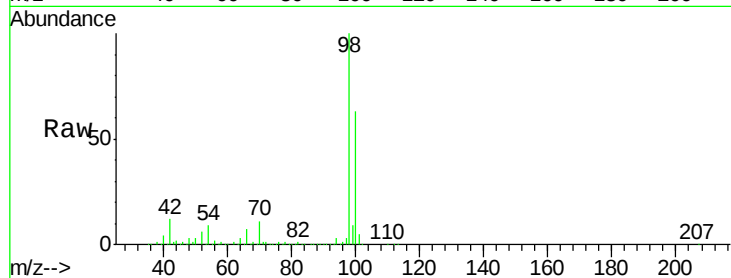
DUP-02

Tot Ion: 98 Resp: 1746400

Ion Ratio Lower Upper

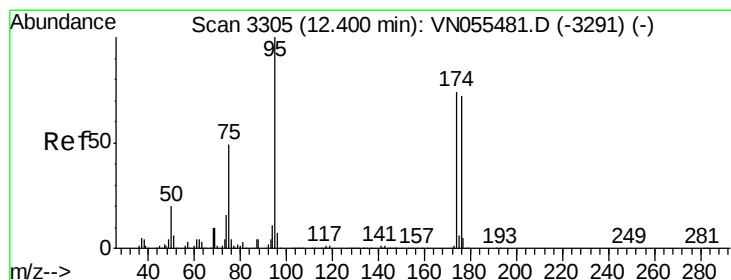
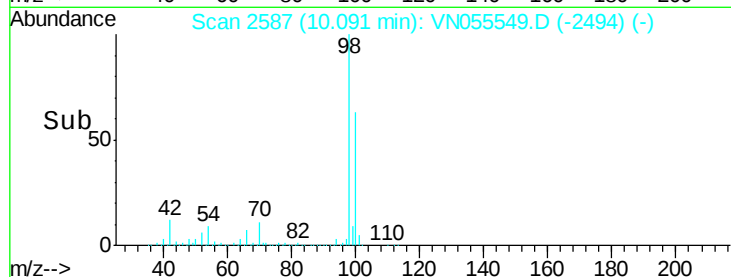
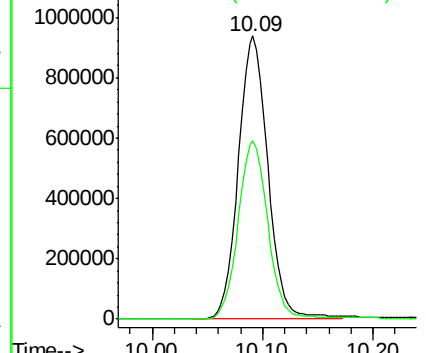
98 100

100 64.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 41.319 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055549.D

Acq: 10 May 2019 14:02

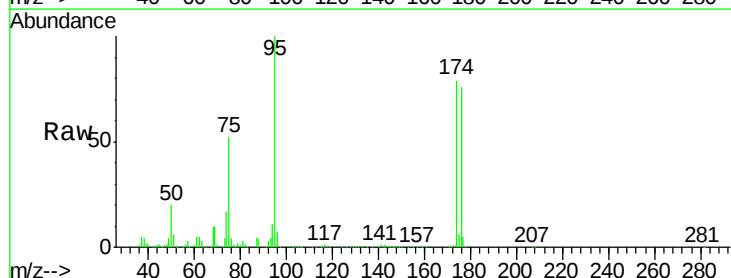
Tgt Ion: 95 Resp: 506950

Ion Ratio Lower Upper

95 100

174 79.3 0.0 152.2

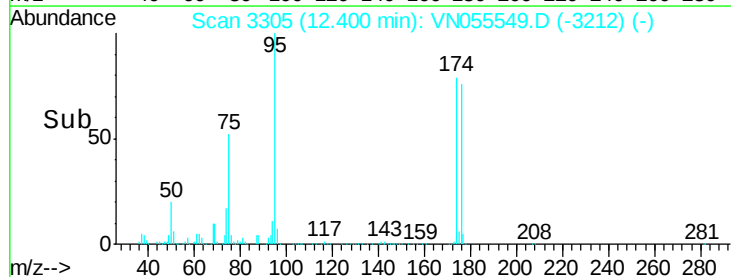
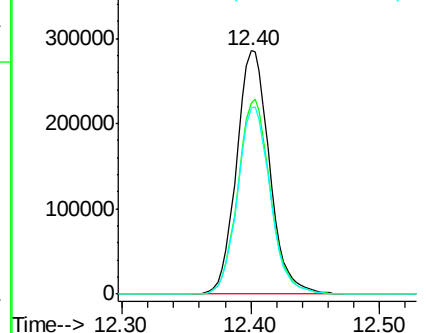
176 76.5 0.0 147.8

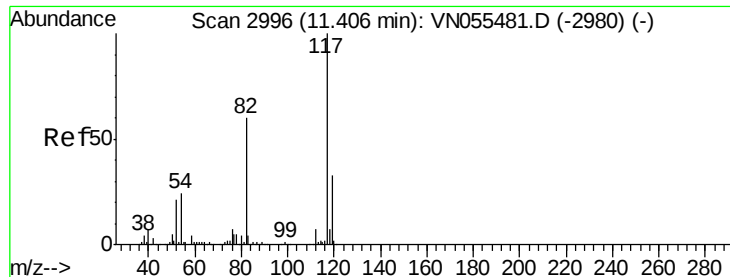


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

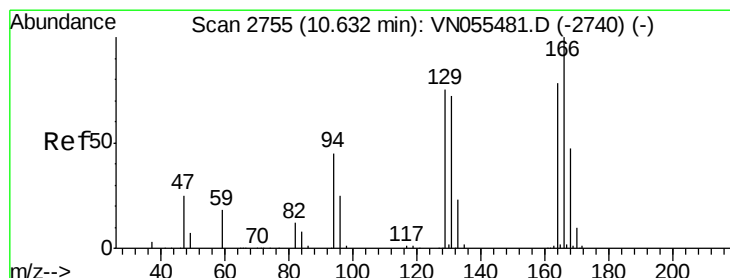
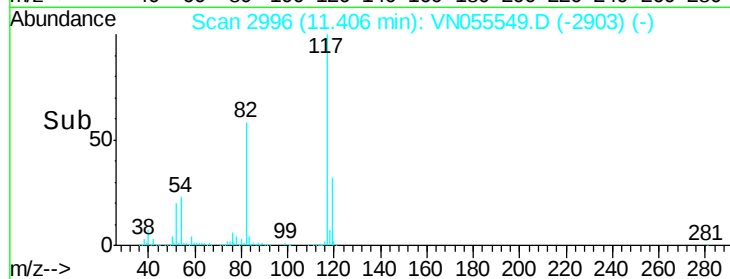
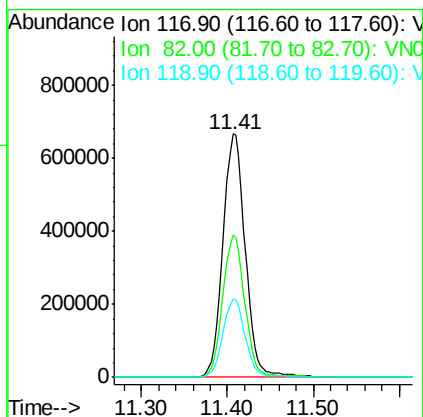
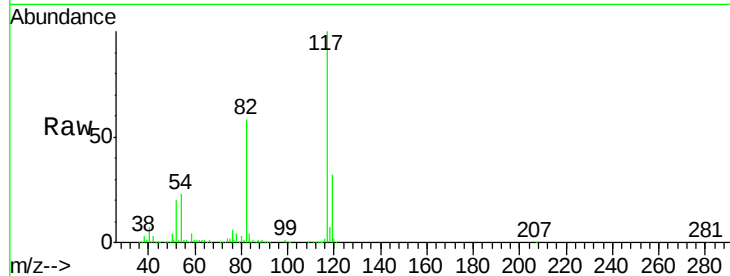




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055549.D
Acq: 10 May 2019 14:02

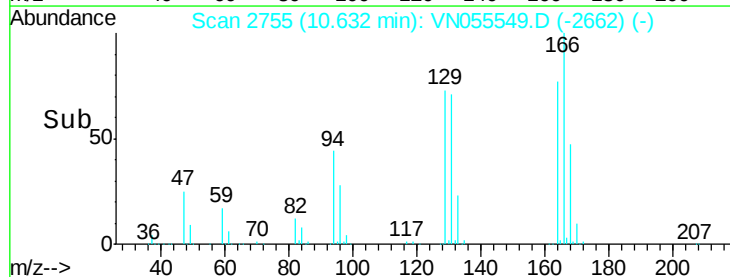
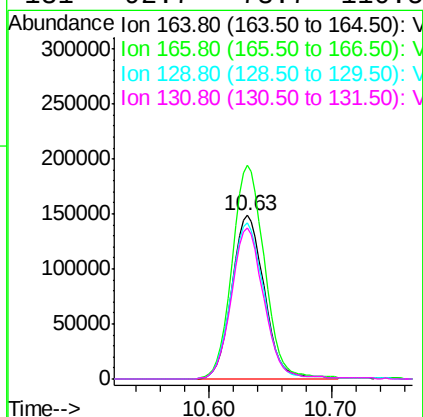
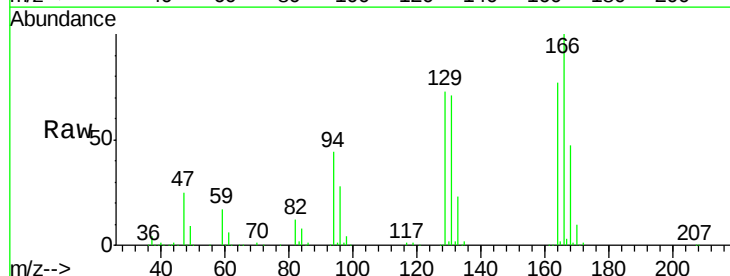
Instrument :
MSVOA_N
ClientSampleId :
DUP-02

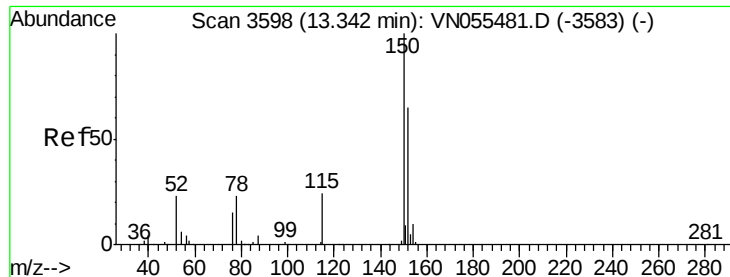
Tot Ion:117 Resp: 1209701
Ion Ratio Lower Upper
117 100
82 58.4 48.0 72.0
119 32.1 26.0 39.0



#64
Tetrachloroethene
Concen: 27.850 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055549.D
Acq: 10 May 2019 14:02

Tgt Ion:164 Resp: 276063
Ion Ratio Lower Upper
164 100
166 130.6 102.6 153.8
129 95.4 77.0 115.6
131 92.7 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055549.D

Acq: 10 May 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

DUP-02

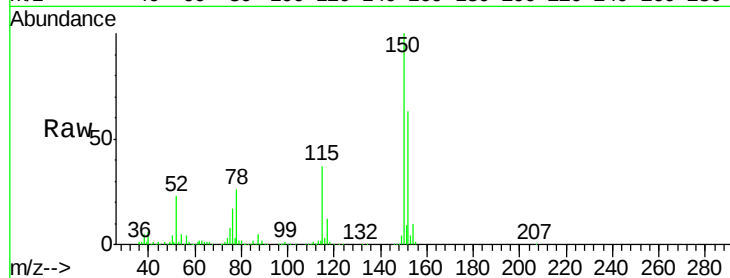
Tot Ion:152 Resp: 335651

Ion Ratio Lower Upper

152 100

115 59.5 30.1 90.5

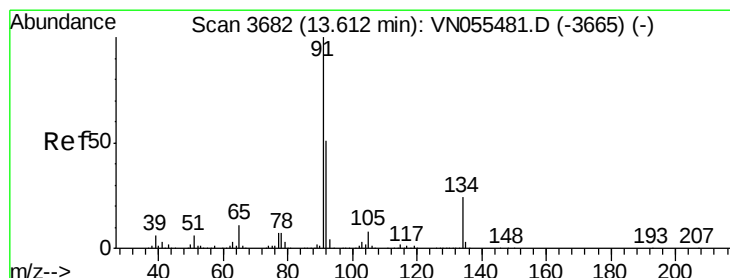
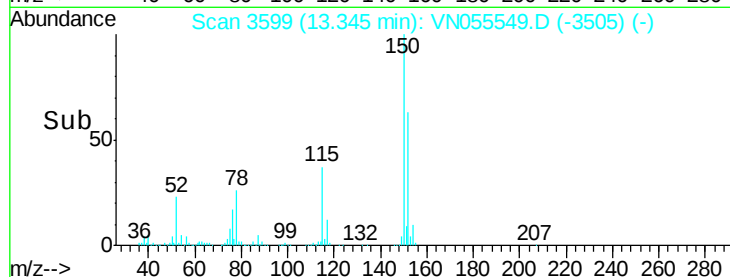
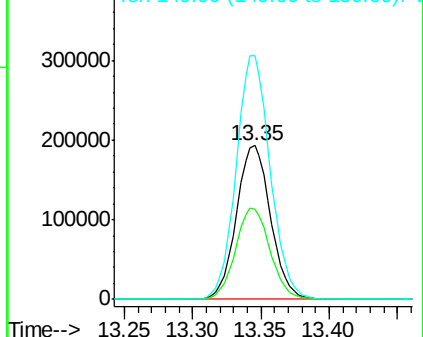
150 157.7 0.0 355.0



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



#89

n-Butylbenzene

Concen: 0.330 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055549.D

Acq: 10 May 2019 14:02

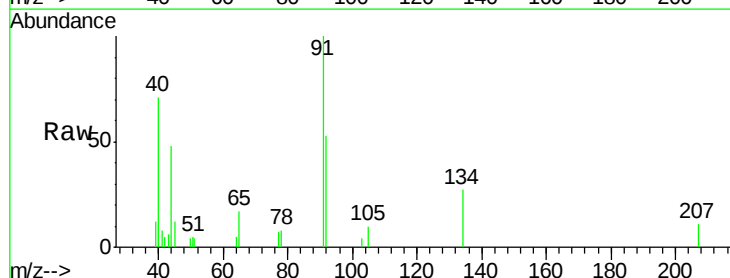
Tgt Ion: 91 Resp: 6370

Ion Ratio Lower Upper

91 100

92 48.9 25.9 77.7

134 28.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

