

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010319\
 Data File : VN053253.D
 Acq On : 3 Jan 2019 11:10
 Operator : MD\SY
 Sample : PB116111TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116111TB

Quant Time: Jan 04 07:12:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1215708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1876259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1658009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	585053	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	601527	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
35) Dibromofluoromethane	7.59	113	514868	60.07	ug/l	0.00
Spiked Amount			Recovery	=	120.14%	
50) Toluene-d8	10.09	98	2290266	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	717928	44.45	ug/l	0.00
Spiked Amount			Recovery	=	88.90%	

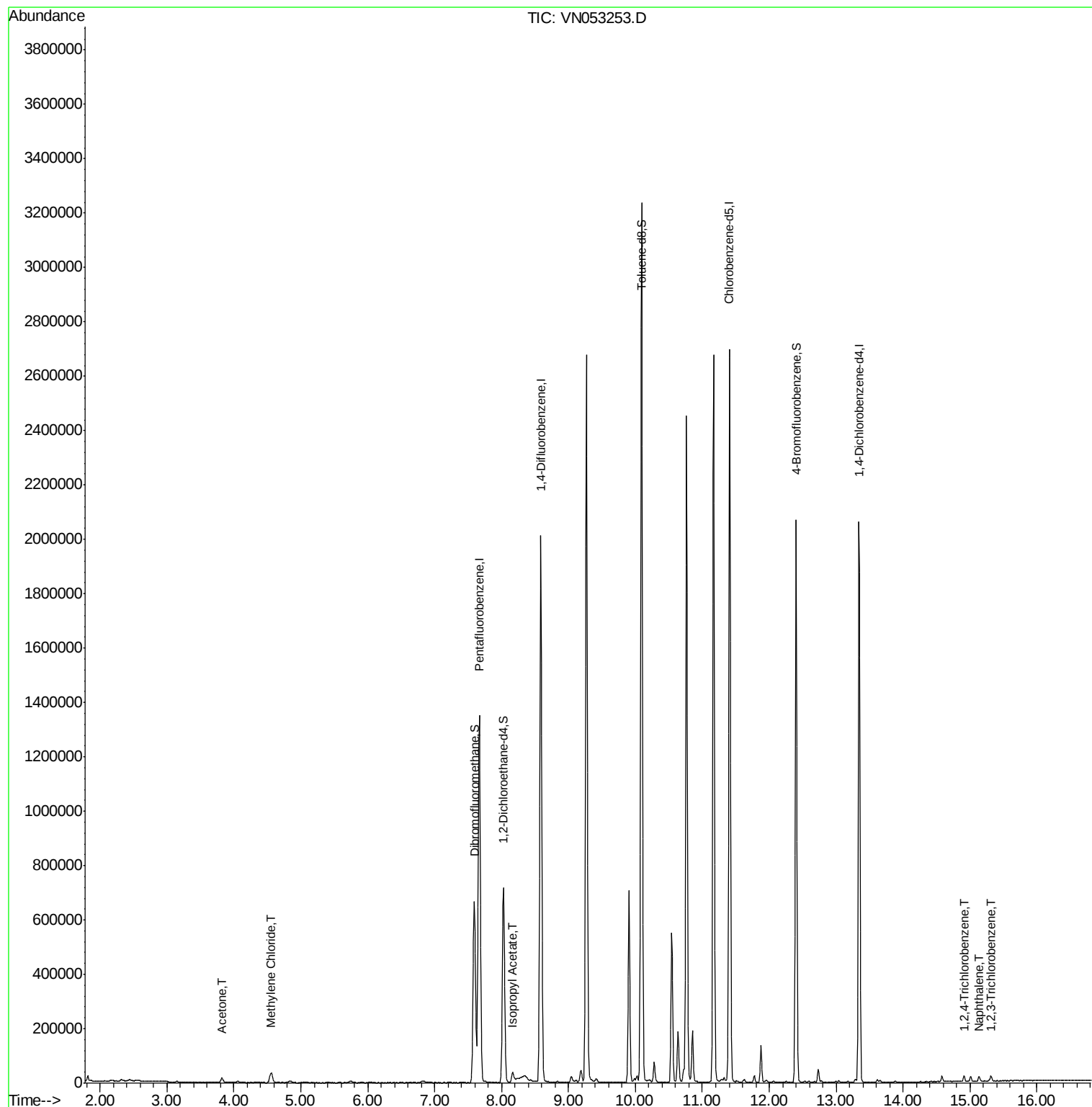
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	28888	11.942	ug/l	89
20) Methylene Chloride	4.55	84	27935	2.117	ug/l	96
43) Isopropyl Acetate	8.17	43	51471	1.635	ug/l #	85
93) 1,2,4-Trichlorobenzene	14.91	180	7652	1.316	ug/l	98
95) Naphthalene	15.13	128	13782	1.732	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	7695	1.313	ug/l	97

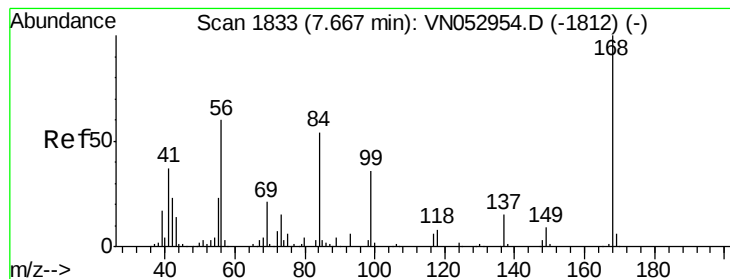
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN010319\
Data File : VN053253.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053253.D

Acq: 3 Jan 2019 11:10

Instrument :

MSVOA_N

ClientSampleId :

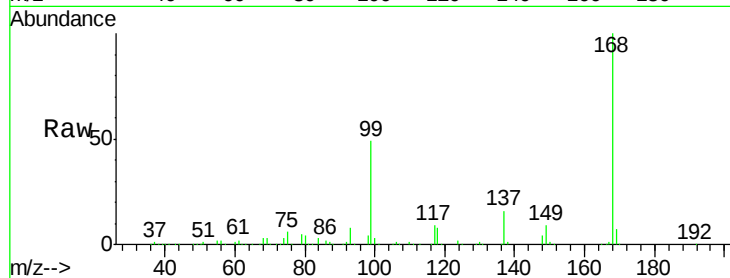
PB116111TB

Tot Ion:168 Resp: 1215708

Ion Ratio Lower Upper

168 100

99 49.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

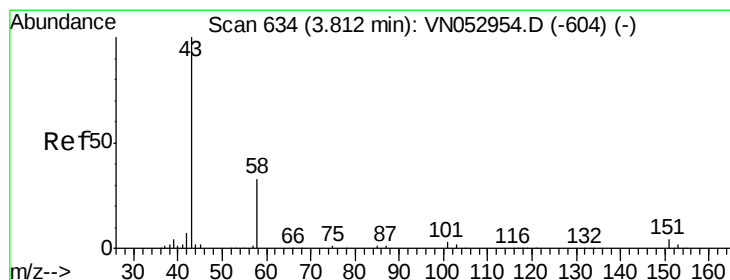
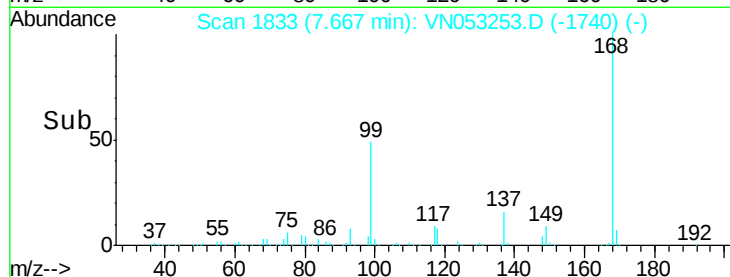
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 11.942 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053253.D

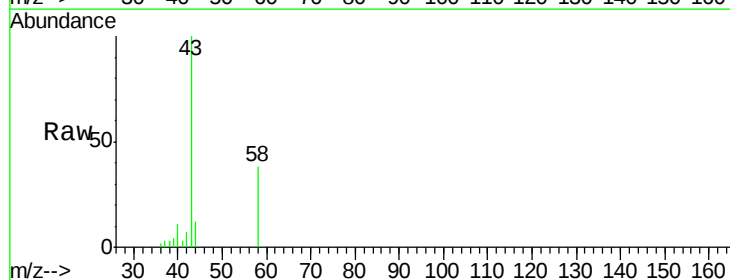
Acq: 3 Jan 2019 11:10

Tgt Ion: 43 Resp: 28888

Ion Ratio Lower Upper

43 100

58 37.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

12000

10000

8000

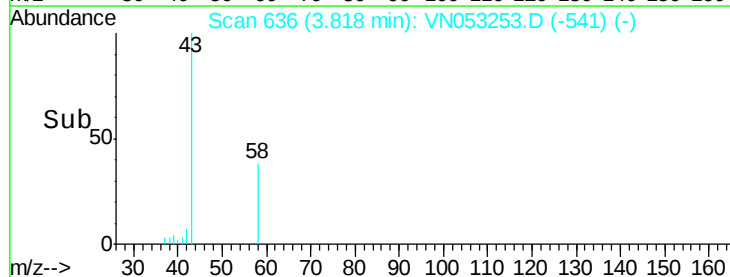
6000

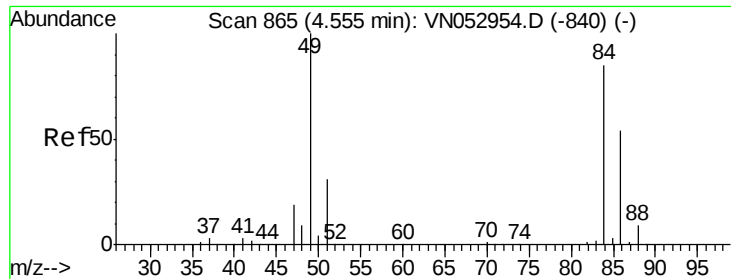
4000

2000

0

Time-->

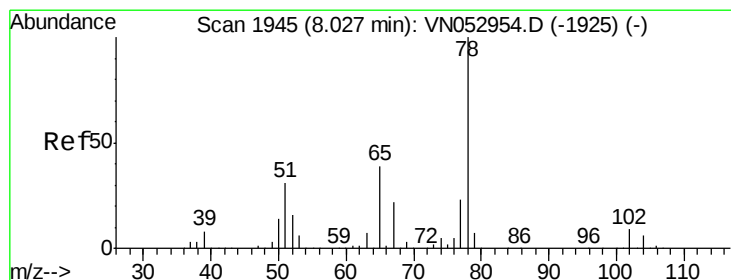
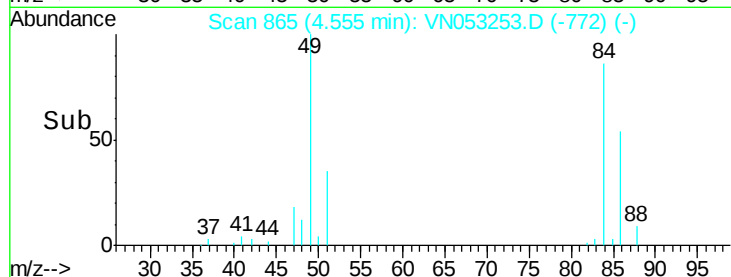
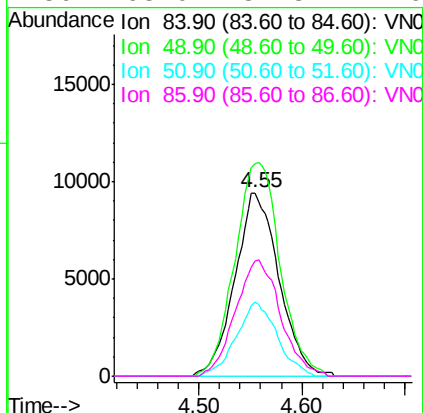
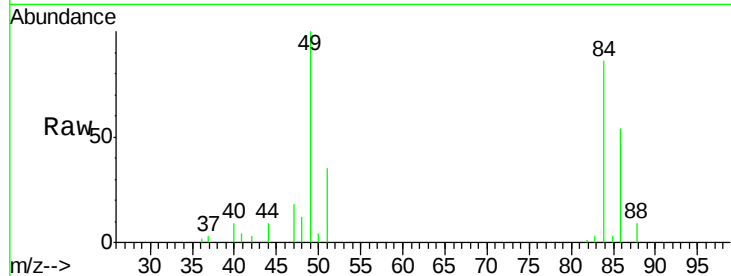




#20
Methvlene Chloride
Concen: 2.117 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053253.D
Acq: 3 Jan 2019 11:10

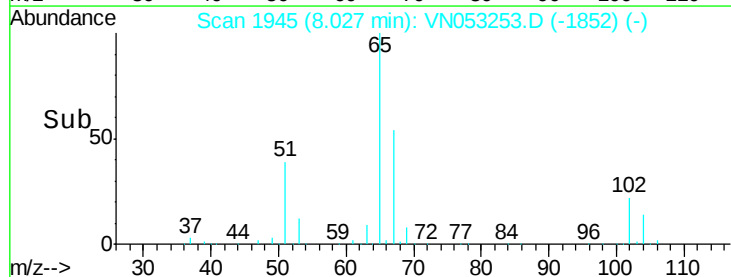
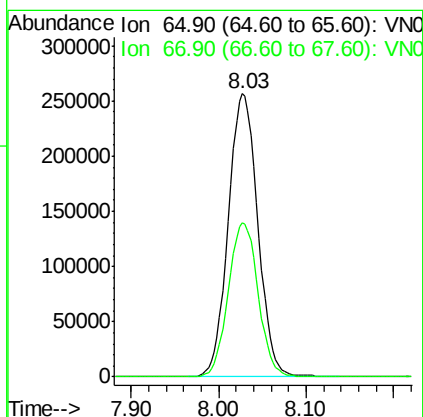
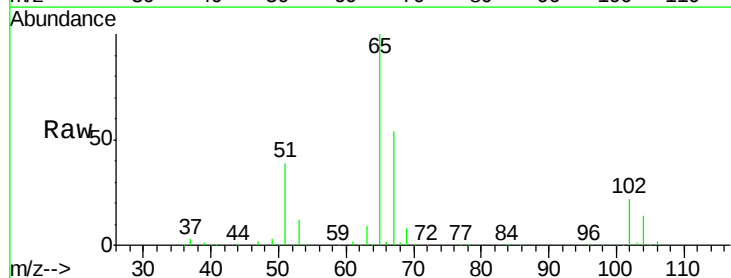
Instrument :
MSVOA_N
ClientSampleId :
PB116111TB

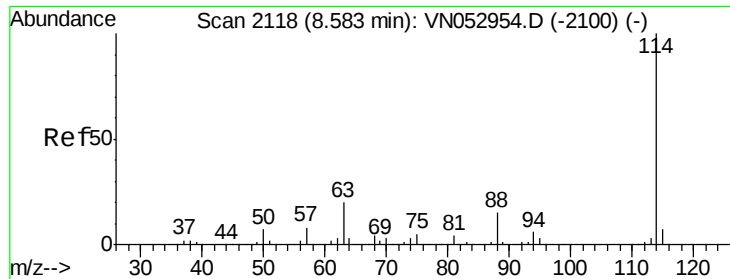
Tot Ion: 84 Resp: 27935
Ion Ratio Lower Upper
84 100
49 115.9 96.8 145.2
51 40.2 29.9 44.9
86 63.0 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053253.D
Acq: 3 Jan 2019 11:10

Tgt Ion: 65 Resp: 601527
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053253.D

Acq: 3 Jan 2019 11:10

Instrument :

MSVOA_N

ClientSampleId :

PB116111TB

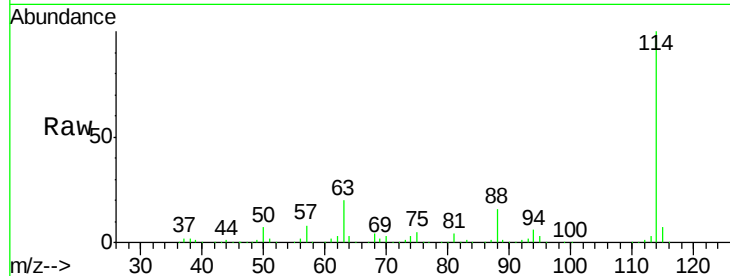
Tot Ion:114 Resp: 1876259

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

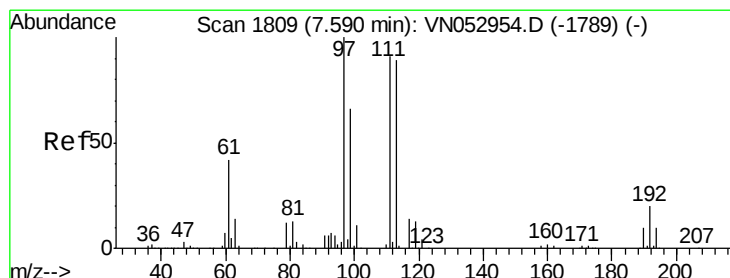
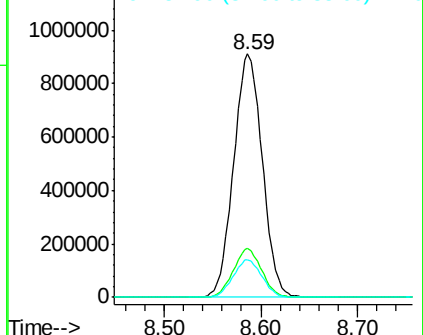
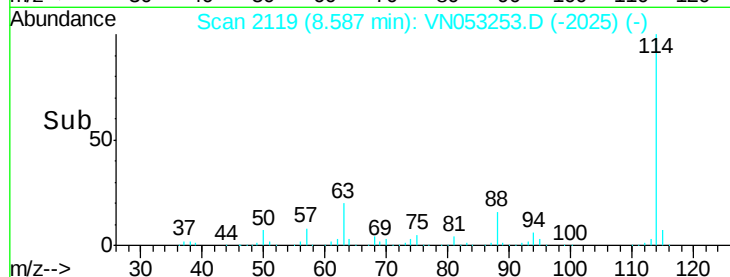
88 15.6 0.0 31.0



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053253.D

Acq: 3 Jan 2019 11:10

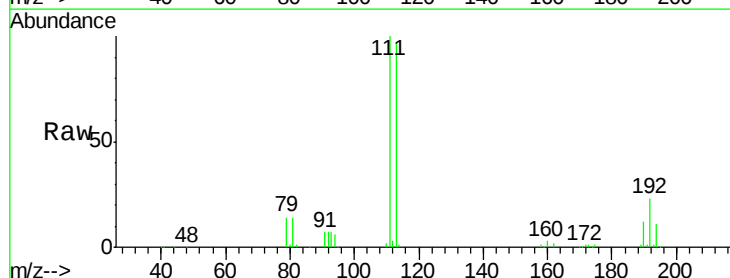
Tgt Ion:113 Resp: 514868

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

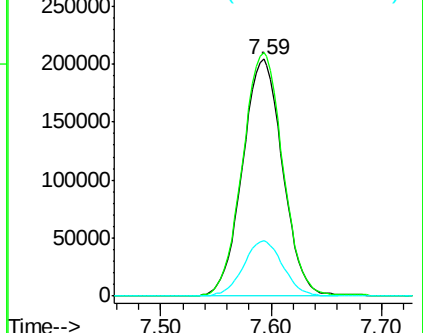
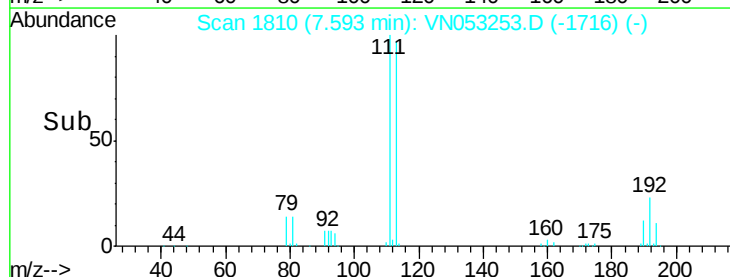
192 23.1 17.5 26.3

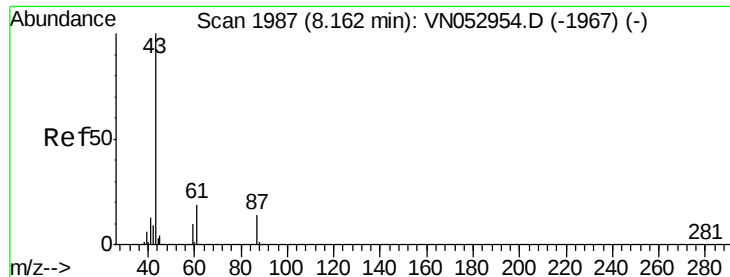


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.635 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053253.D

Acq: 3 Jan 2019 11:10

Instrument :

MSVOA_N

ClientSampled :

PB116111TB

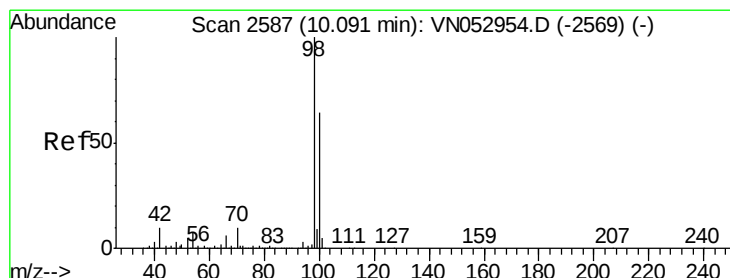
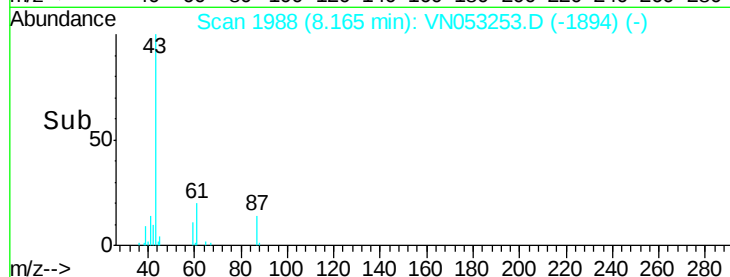
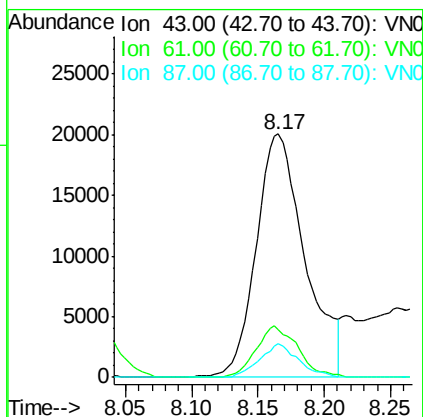
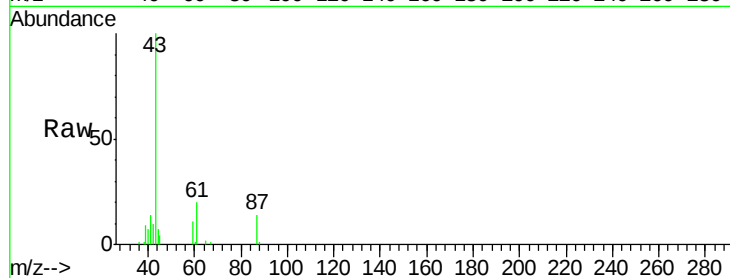
Tot Ion: 43 Resp: 51471

Ion Ratio Lower Upper

43 100

61 18.1 22.9 34.3#

87 10.9 10.6 15.8



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053253.D

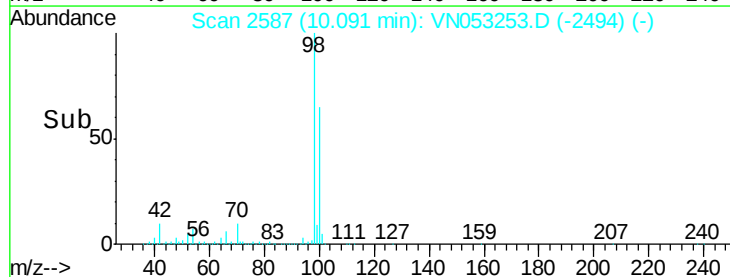
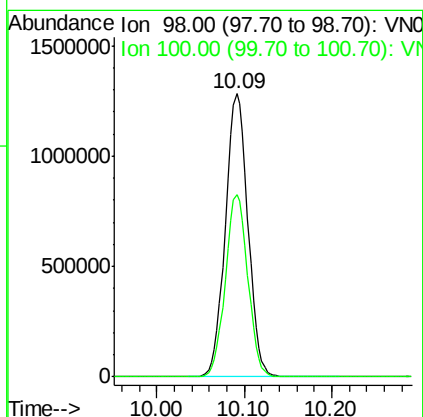
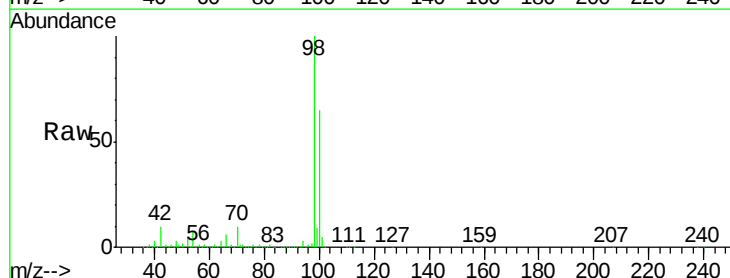
Acq: 3 Jan 2019 11:10

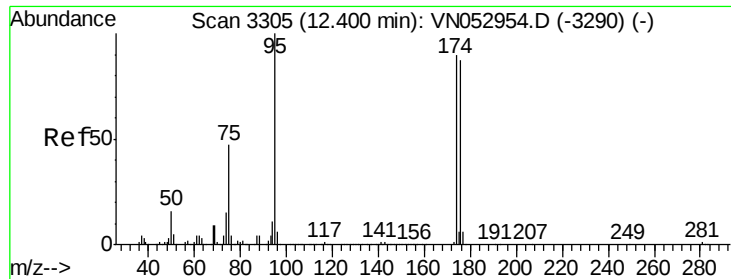
Tgt Ion: 98 Resp: 2290266

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053253.D

Acq: 3 Jan 2019 11:10

Instrument :

MSVOA_N

ClientSampled :

PB116111TB

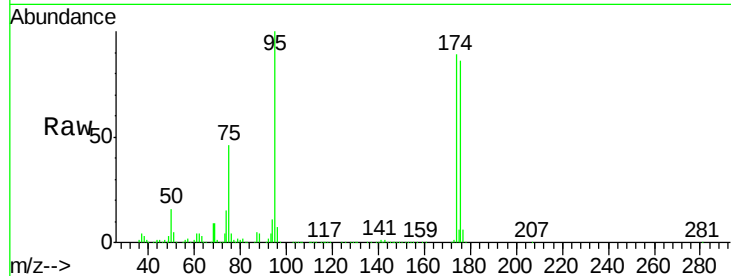
Tot Ion: 95 Resp: 717928

Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.8

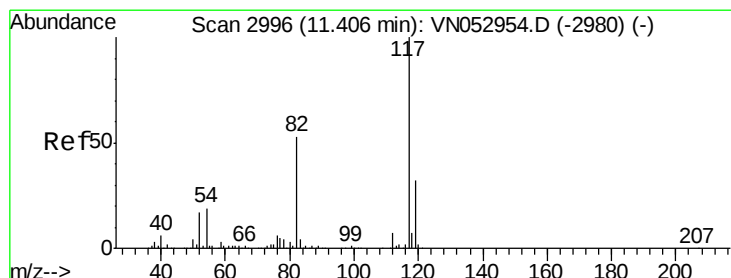
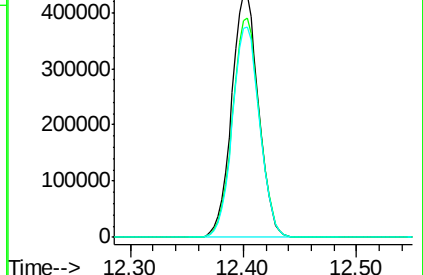
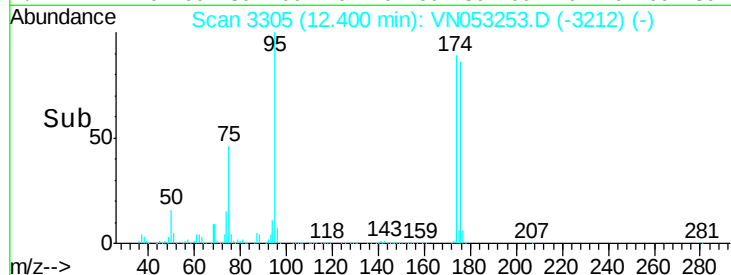
176 86.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053253.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053253.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053253.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053253.D

Acq: 3 Jan 2019 11:10

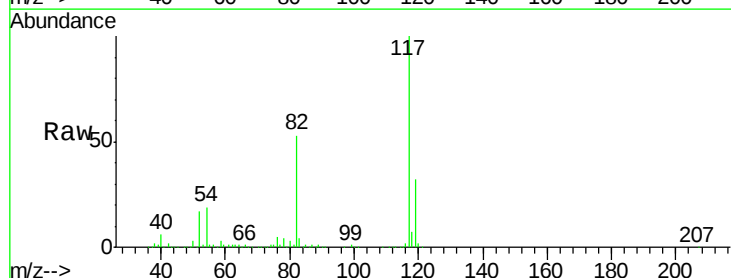
Tgt Ion: 117 Resp: 1658009

Ion Ratio Lower Upper

117 100

82 53.4 42.8 64.2

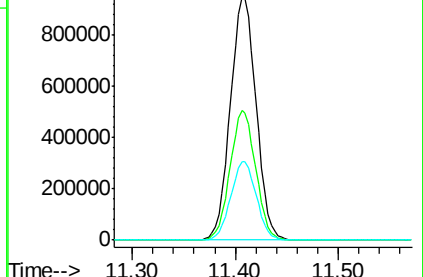
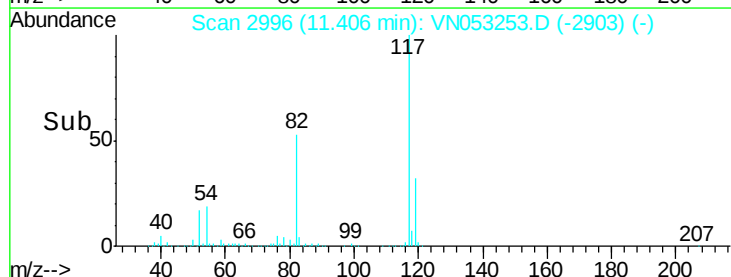
119 32.3 25.5 38.3

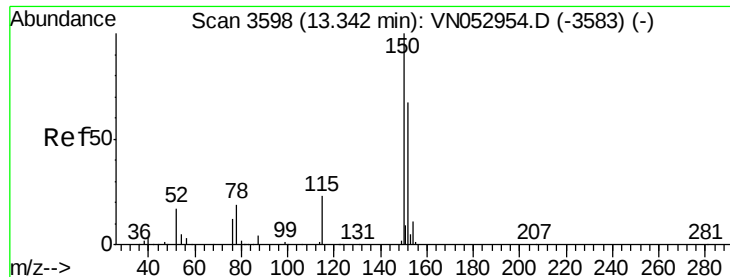


Abundance Ion 116.90 (116.60 to 117.60): VN053253.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053253.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053253.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053253.D

Acq: 3 Jan 2019 11:10

Instrument :

MSVOA_N

ClientSampleId :

PB116111TB

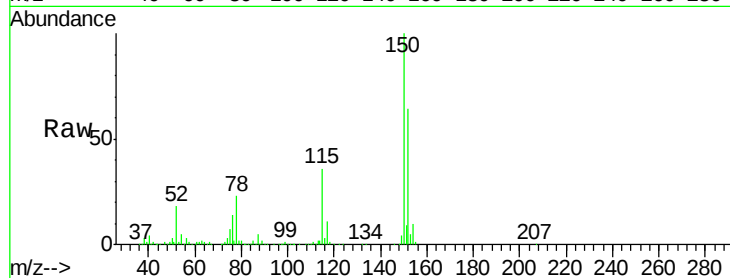
Tot Ion:152 Resp: 585053

Ion Ratio Lower Upper

152 100

115 56.4 28.3 85.0

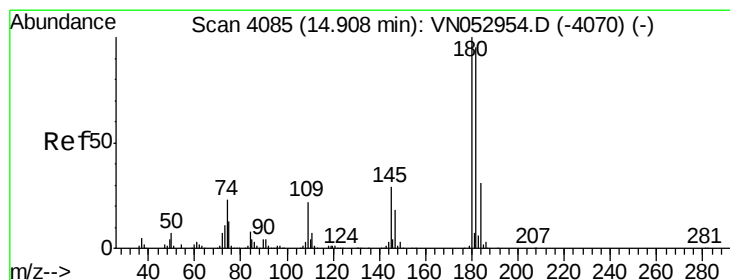
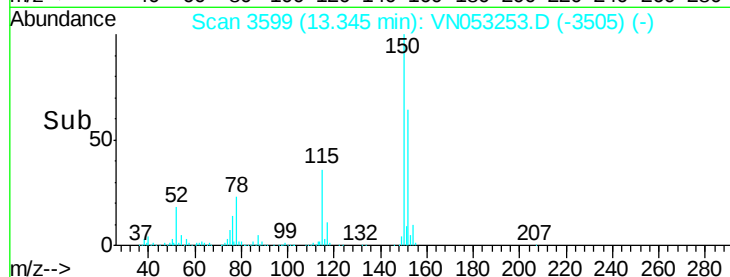
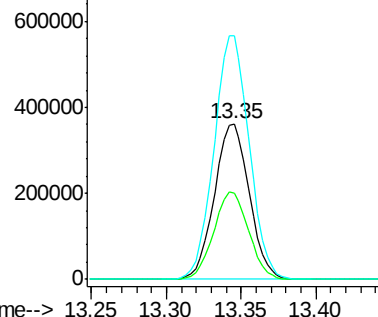
150 158.2 0.0 347.8



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



#93

1,2,4-Trichlorobenzene

Concen: 1.316 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053253.D

Acq: 3 Jan 2019 11:10

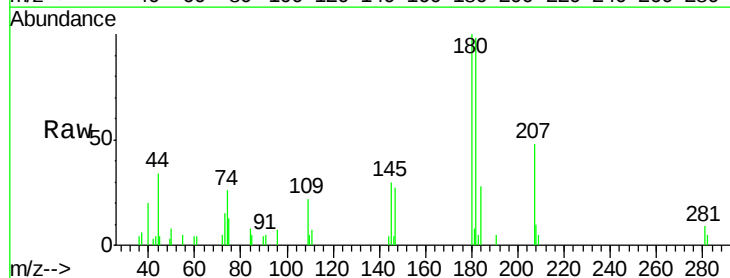
Tgt Ion:180 Resp: 7652

Ion Ratio Lower Upper

180 100

182 93.4 47.8 143.3

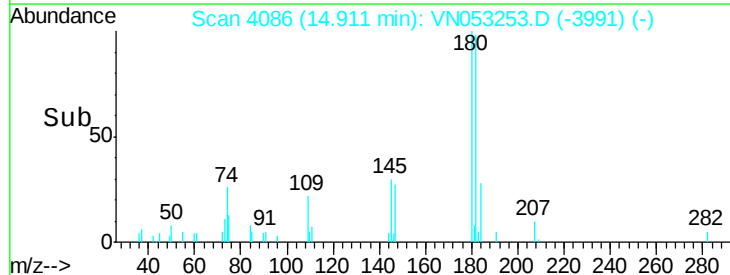
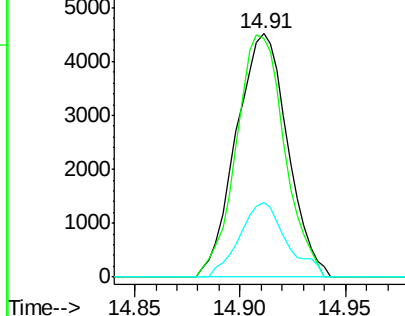
145 27.9 14.2 42.6

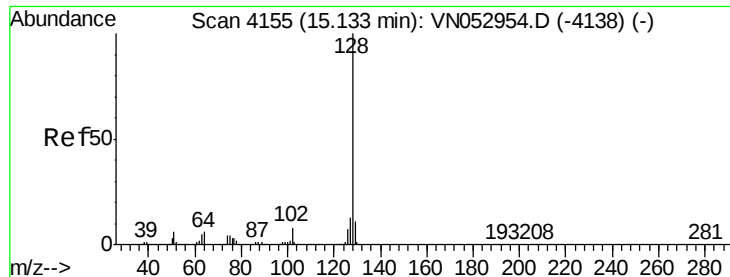


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 1.732 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053253.D

Acq: 3 Jan 2019 11:10

Instrument :

MSVOA_N

ClientSampled :

PB116111TB

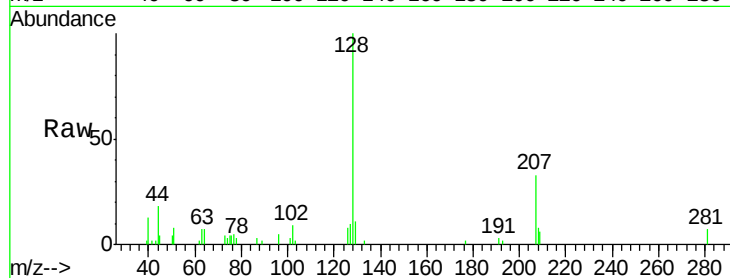
Tot Ion:128 Resp: 13782

Ion Ratio Lower Upper

128 100

127 10.9 10.2 15.4

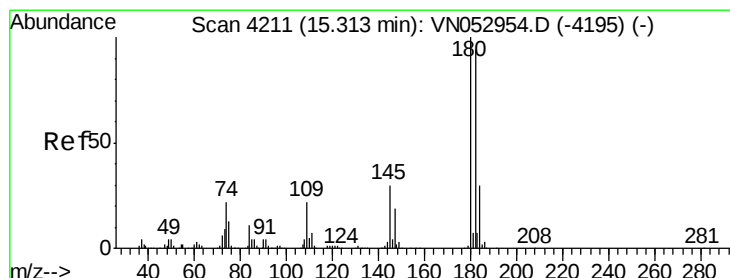
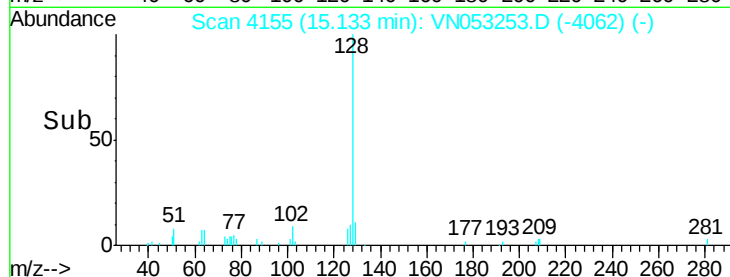
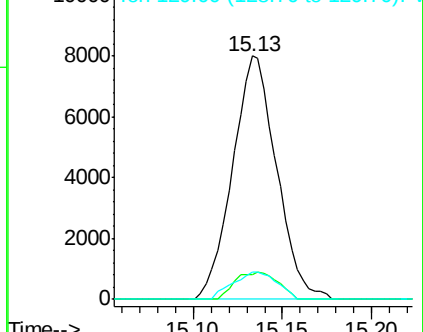
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.313 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN053253.D

Acq: 3 Jan 2019 11:10

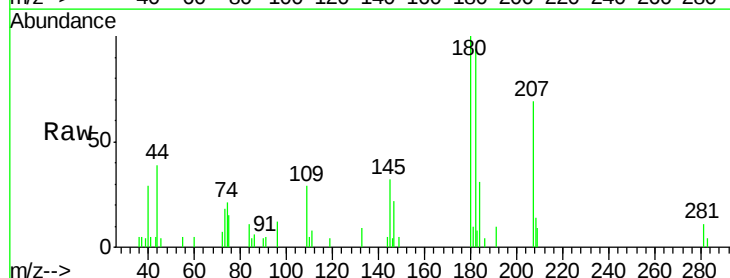
Tgt Ion:180 Resp: 7695

Ion Ratio Lower Upper

180 100

182 93.4 47.9 143.7

145 27.7 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

