

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052860.D
 Acq On : 13 Dec 2018 13:21
 Operator : MD\SY
 Sample : J6319-05
 Misc : 5.67g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 059_BT-3-1

Quant Time: Dec 14 09:09:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

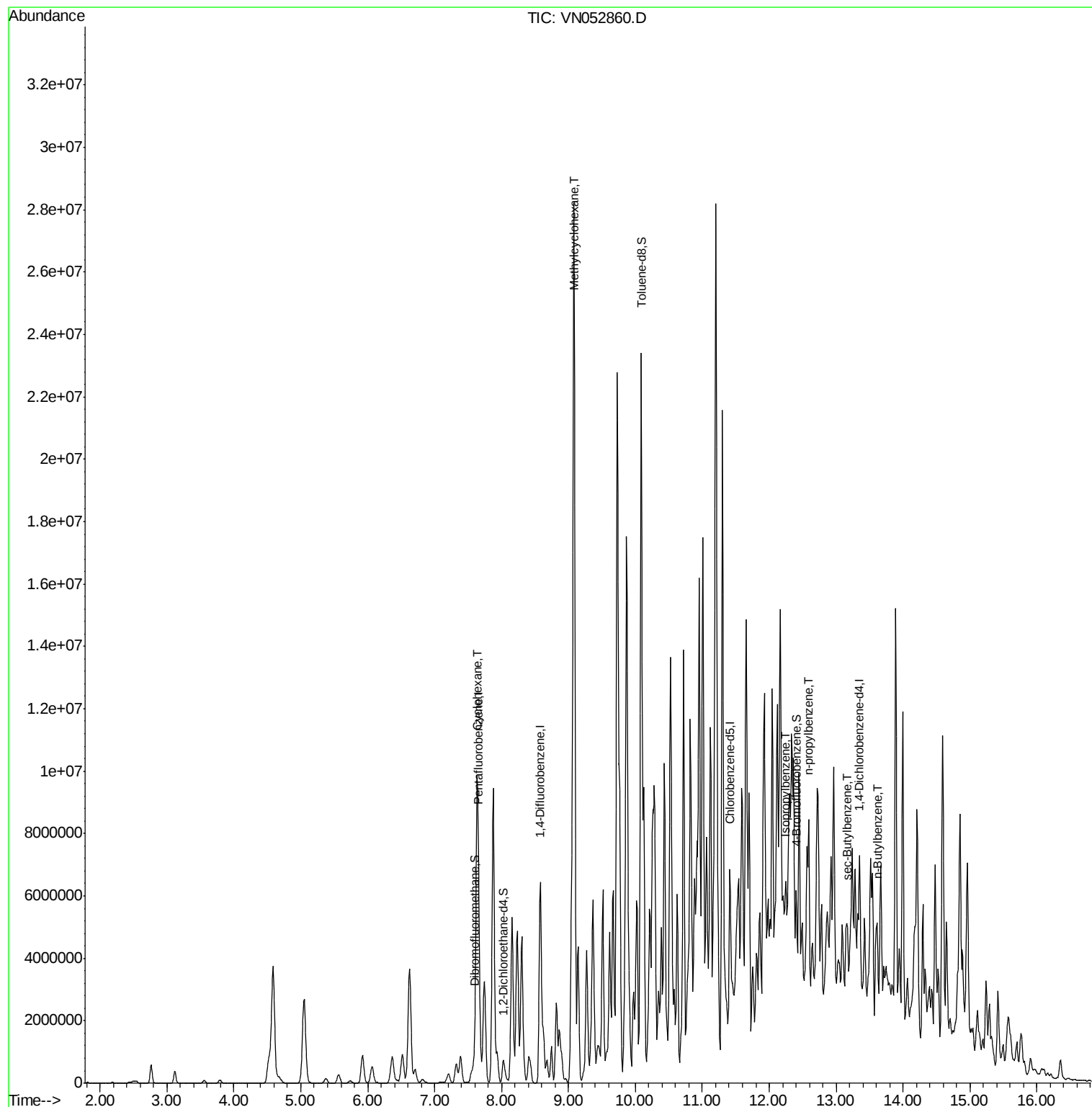
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1160073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1723856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1463836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	751264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	553773	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
35) Dibromofluoromethane	7.59	113	443358	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
50) Toluene-d8	10.09	98	3105916	74.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.90%	
62) 4-Bromofluorobenzene	12.40	95	1042567	73.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.50%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.64	56	3675598	177.323	ug/l #	79
39) Methylcyclohexane	9.08	83	12101667	621.217	ug/l	98
73) Isopropylbenzene	12.25	105	1461879	26.062	ug/l	100
78) n-propylbenzene	12.59	91	4178788	65.322	ug/l	100
85) sec-Butylbenzene	13.17	105	882322	16.311	ug/l #	50
89) n-Butylbenzene	13.62	91	1590738	40.319	ug/l #	81

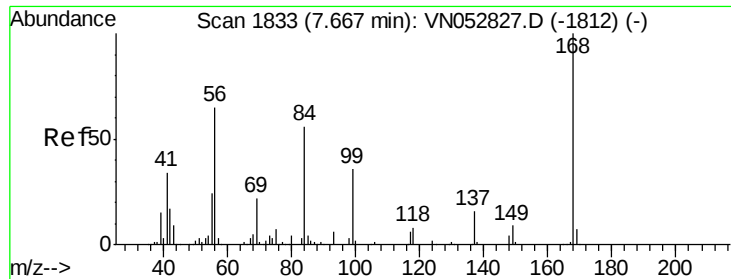
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121318\
Data File : VN052860.D
Acq On : 13 Dec 2018 13:21
Operator : MD\SY
Sample : J6319-05
Misc : 5.67g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
059_BT-3-1

Quant Time: Dec 14 09:09:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052860.D

Acq: 13 Dec 2018 13:21

Instrument :

MSVOA_N

ClientSampleId :

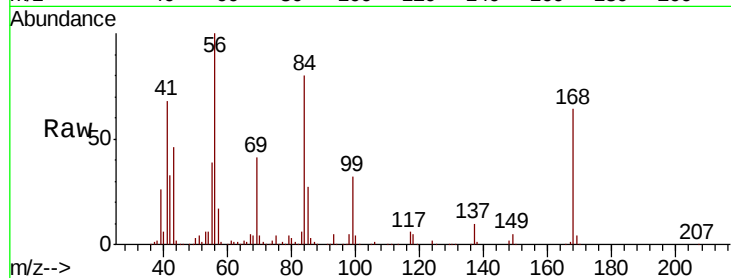
059_BT-3-1

Tot Ion:168 Resp: 1160073

Ion Ratio Lower Upper

168 100

99 49.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.66

500000

400000

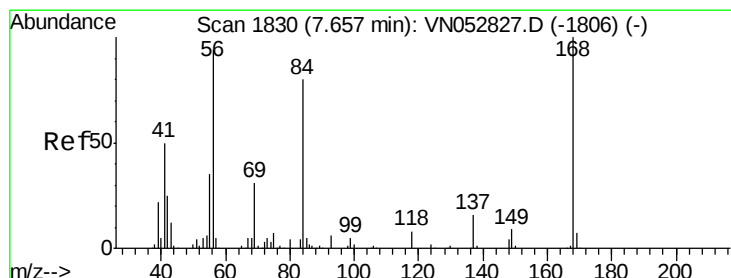
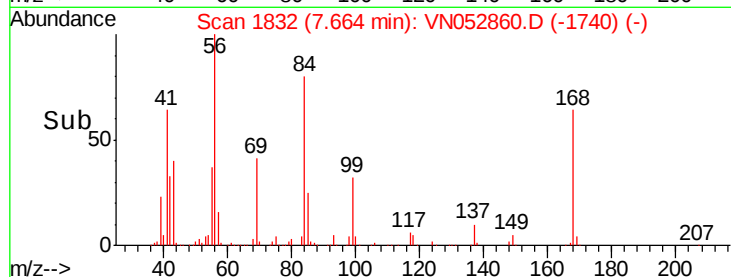
300000

200000

100000

0

Time-->



#31

Cyclohexane

Concen: 177.323 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.01 min

Lab File: VN052860.D

Acq: 13 Dec 2018 13:21

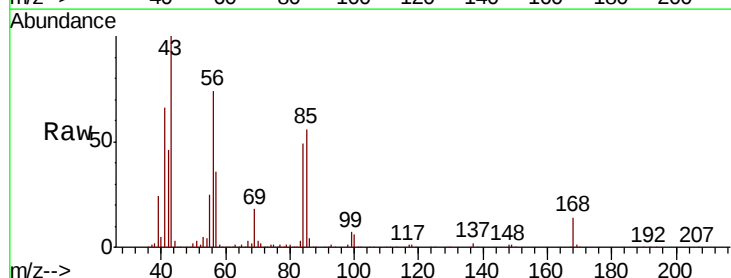
Tgt Ion: 56 Resp: 3675598

Ion Ratio Lower Upper

56 100

69 21.5 26.6 39.8#

84 66.5 68.4 102.6#



Abundance Ion 56.00 (55.70 to 56.70): VN052827.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN052827.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN052827.D (-1806) (-)

7.64

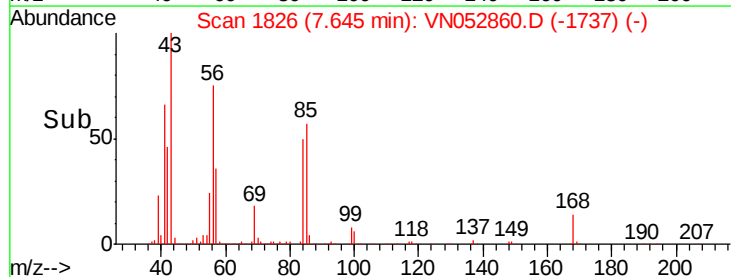
1500000

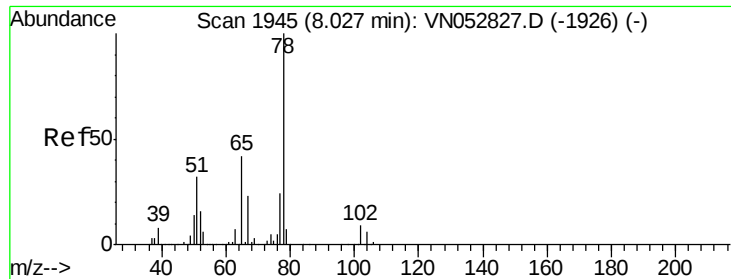
1000000

500000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN052860.D

Acq: 13 Dec 2018 13:21

Instrument :

MSVOA_N

ClientSampled :

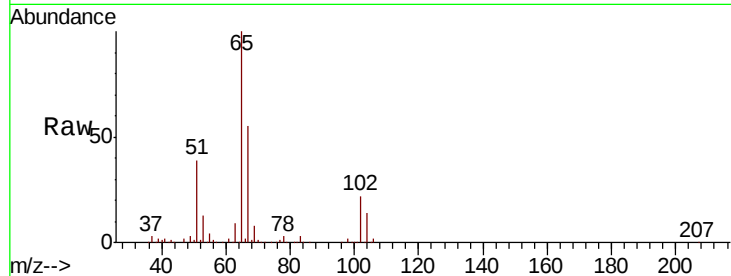
059_BT-3-1

Tot Ion: 65 Resp: 553773

Ion Ratio Lower Upper

65 100

67 56.1 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052827.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052827.D (-1926) (-)

8.02

250000

200000

150000

100000

50000

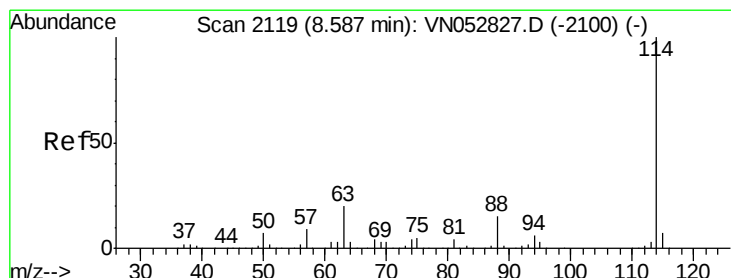
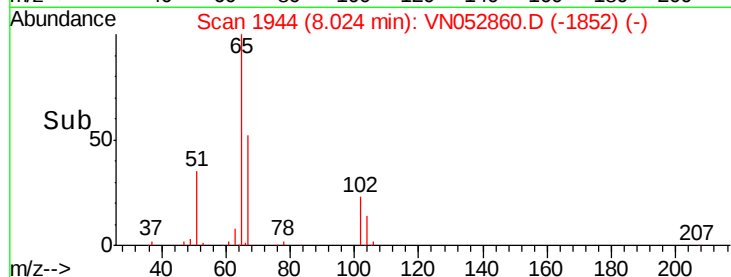
0

7.90

8.00

8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN052860.D

Acq: 13 Dec 2018 13:21

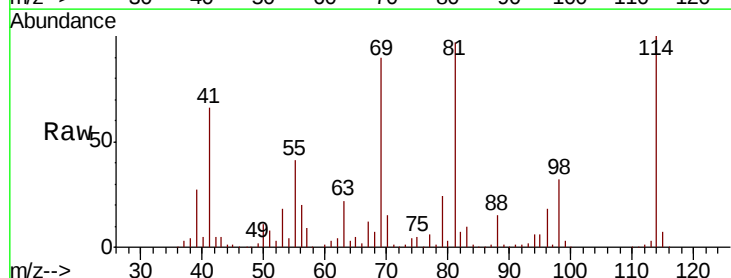
Tgt Ion: 114 Resp: 1723856

Ion Ratio Lower Upper

114 100

63 21.7 0.0 39.8

88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN052827.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN052827.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN052827.D (-2100) (-)

8.58

1000000

800000

600000

400000

200000

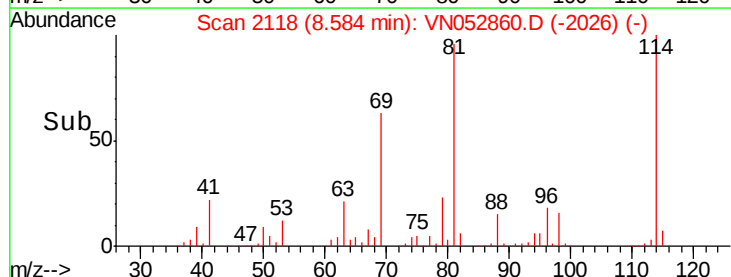
0

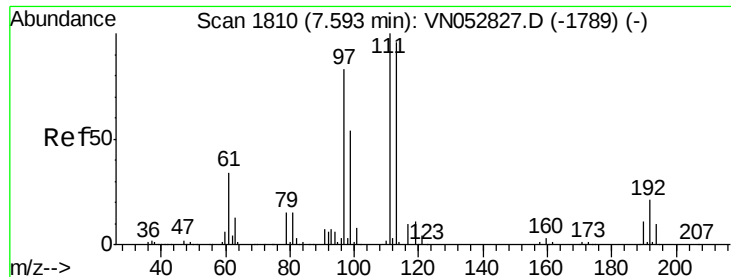
8.50

8.60

8.70

Time-->

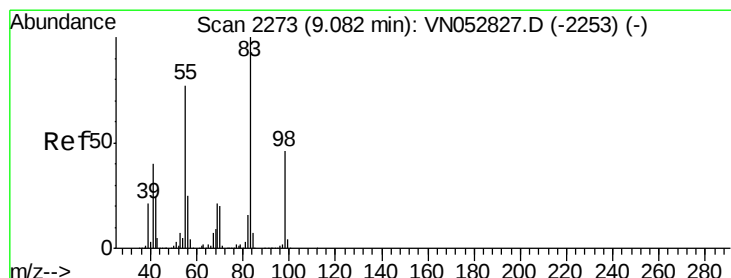
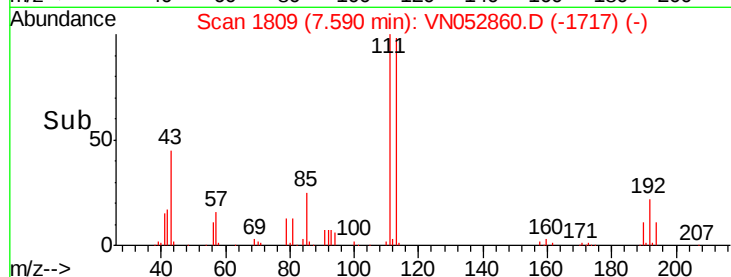
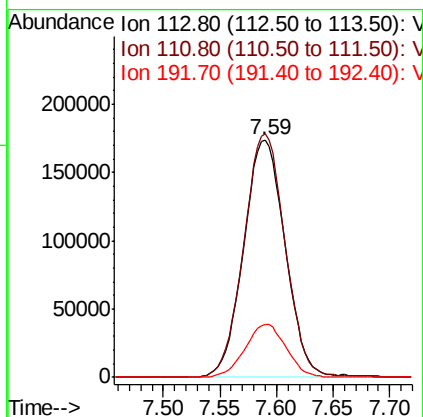
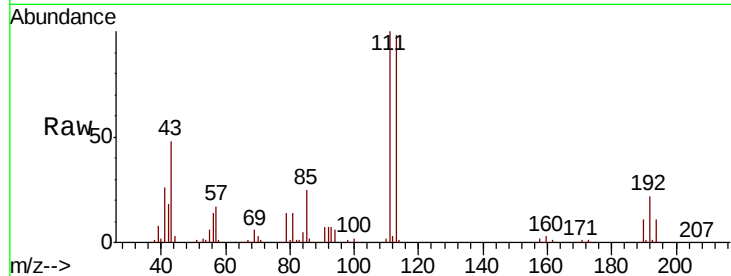




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052860.D
Acq: 13 Dec 2018 13:21

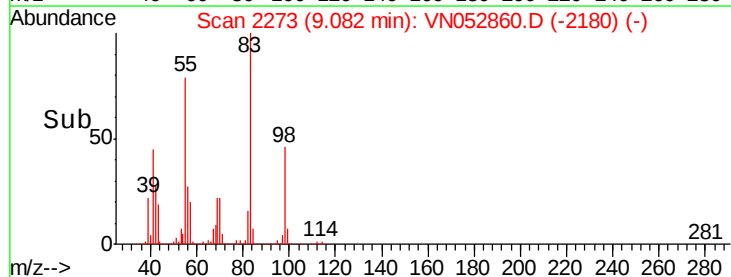
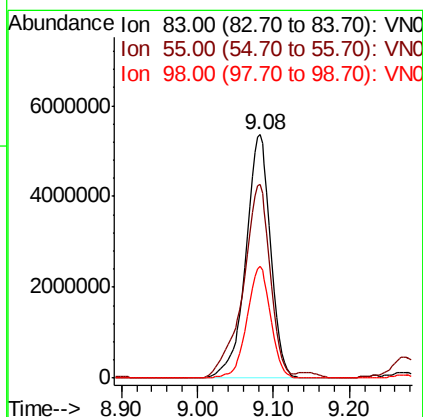
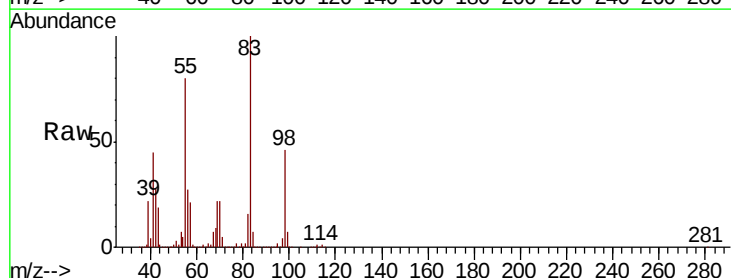
Instrument :
MSVOA_N
ClientSampleId :
059_BT-3-1

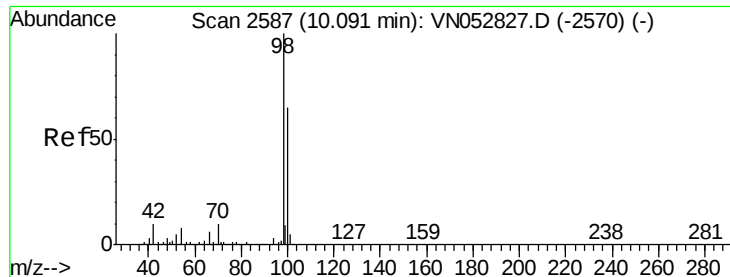
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.4
192	22.2	17.5	26.3



#39
Methylcyclohexane
Concen: 621.217 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052860.D
Acq: 13 Dec 2018 13:21

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.5	61.3	91.9
98	45.8	37.0	55.4





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052860.D

Acq: 13 Dec 2018 13:21

Instrument :

MSVOA_N

ClientSampleId :

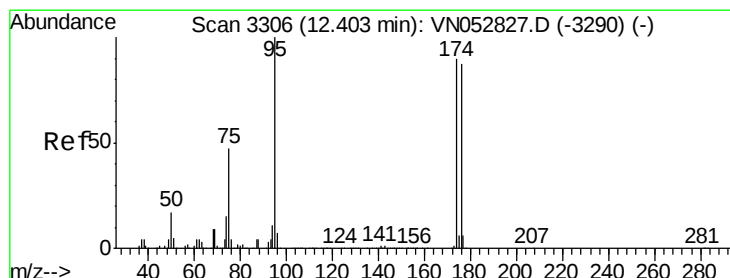
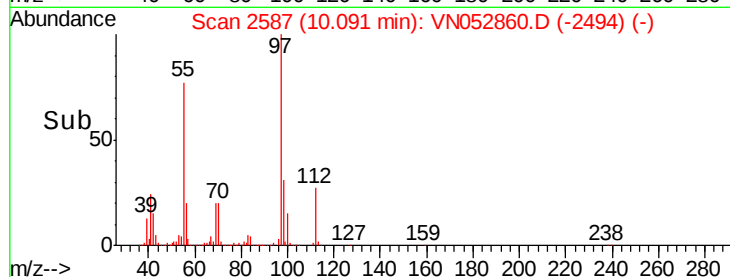
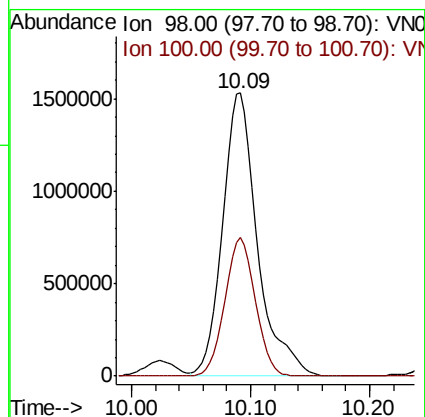
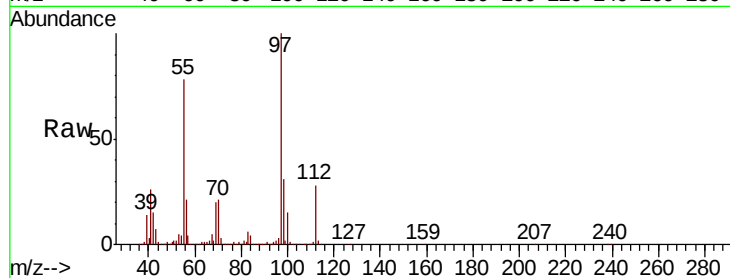
059_BT-3-1

Tot Ion: 98 Resp: 3105916

Ion Ratio Lower Upper

98 100

100 42.7 51.6 77.4#



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052860.D

Acq: 13 Dec 2018 13:21

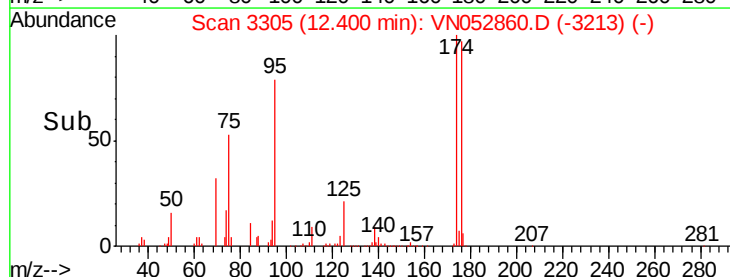
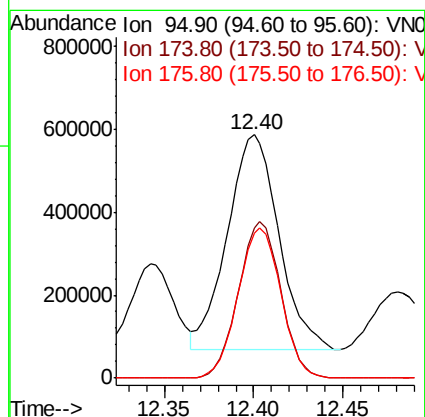
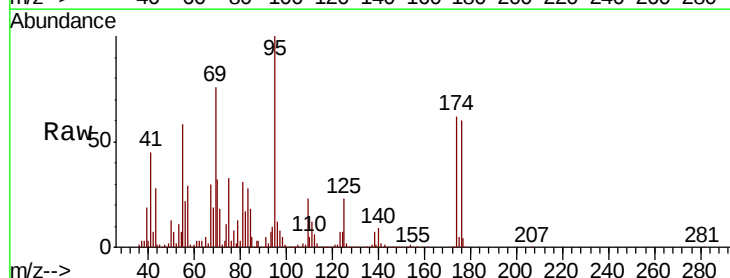
Tgt Ion: 95 Resp: 1042567

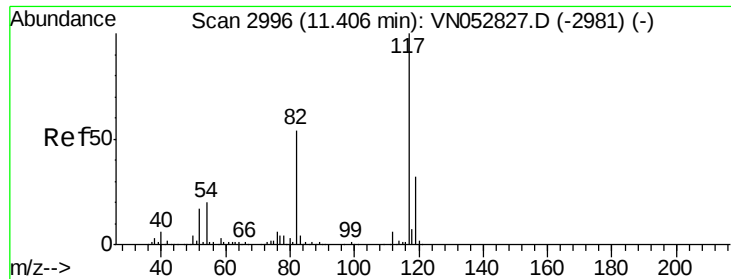
Ion Ratio Lower Upper

95 100

174 59.9 0.0 178.8

176 58.3 0.0 173.8

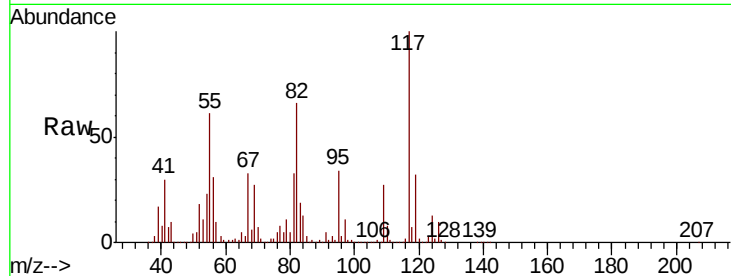




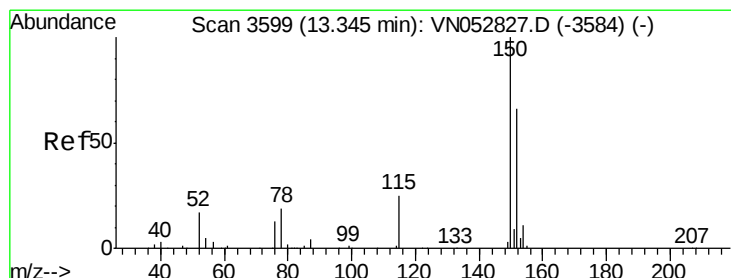
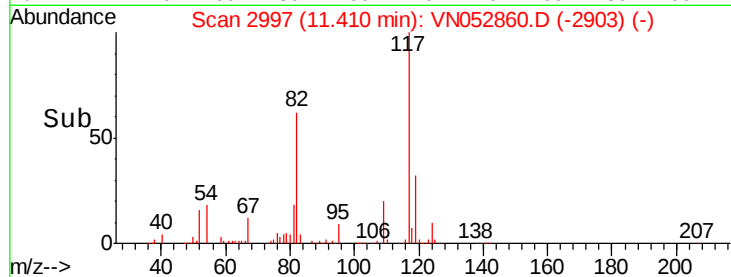
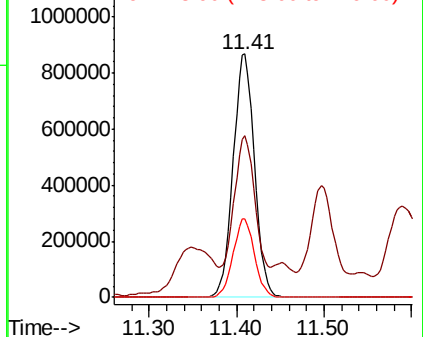
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052860.D
Acq: 13 Dec 2018 13:21

Instrument :
MSVOA_N
ClientSampleId :
059_BT-3-1

Tot Ion:117 Resp: 1463836
Ion Ratio Lower Upper
117 100
82 49.1 42.8 64.2
119 32.4 25.5 38.3

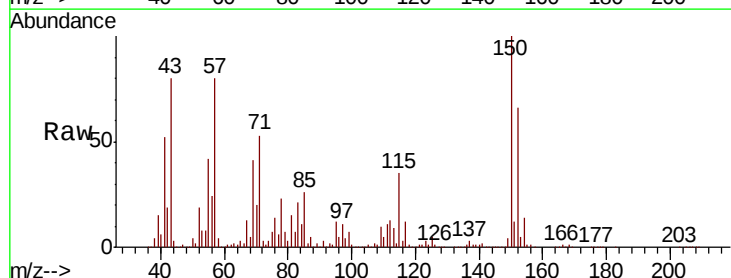


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

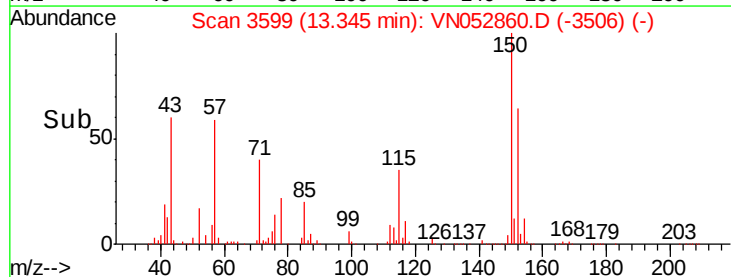
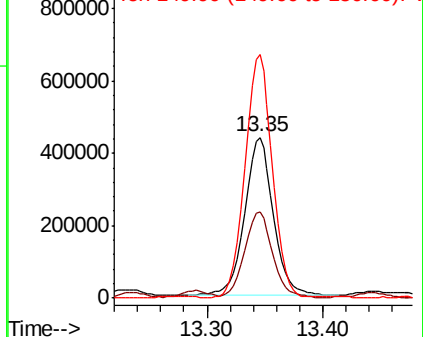


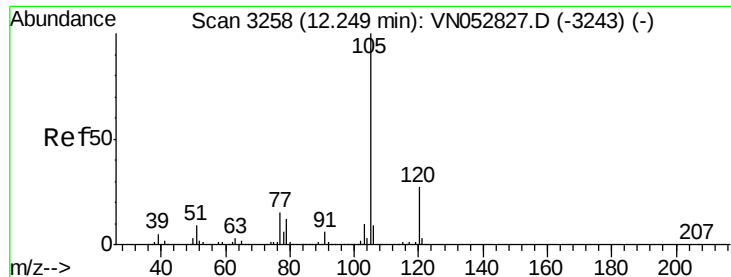
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052860.D
Acq: 13 Dec 2018 13:21

Tgt Ion:152 Resp: 751264
Ion Ratio Lower Upper
152 100
115 52.2 28.3 85.0
150 145.2 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





#73

Isopropylbenzene

Concen: 26.062 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052860.D

Acq: 13 Dec 2018 13:21

Instrument :

MSVOA_N

ClientSampled :

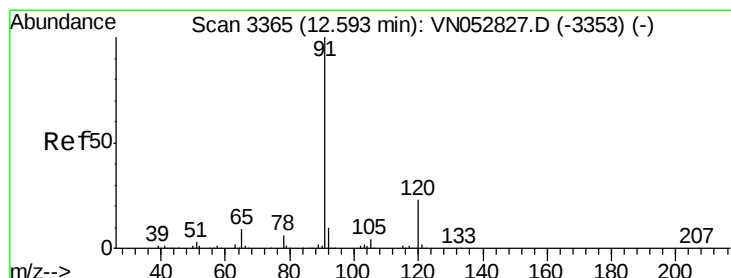
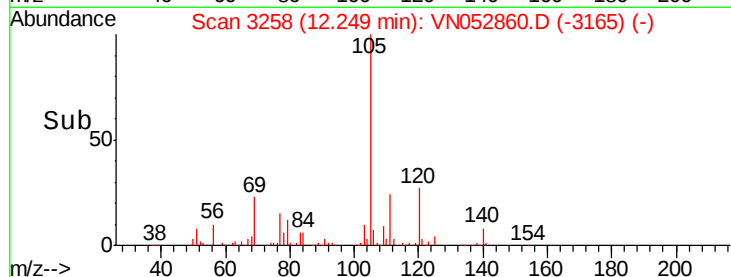
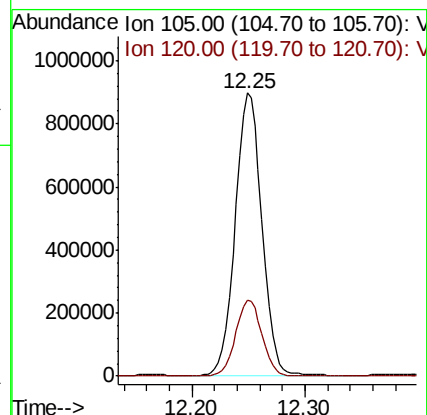
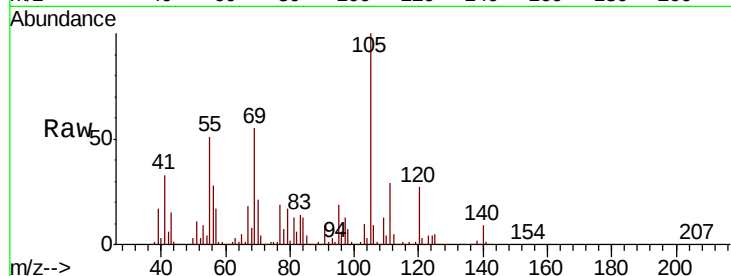
059_BT-3-1

Tot Ion:105 Resp: 1461879

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#78

n-propylbenzene

Concen: 65.322 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052860.D

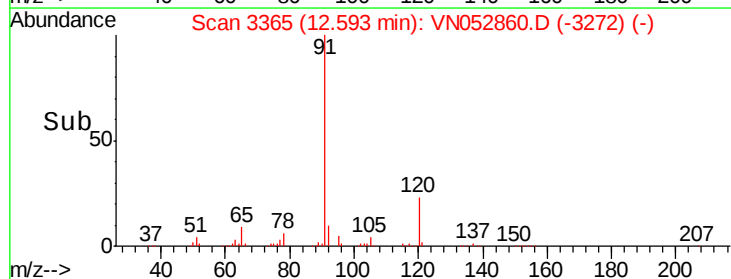
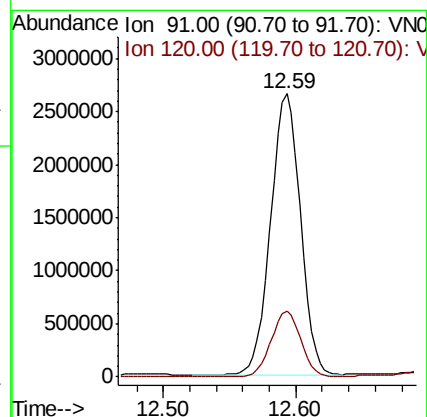
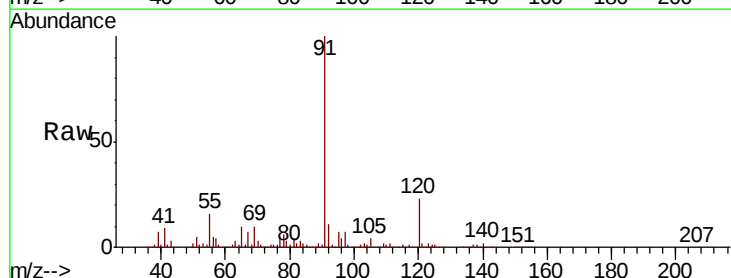
Acq: 13 Dec 2018 13:21

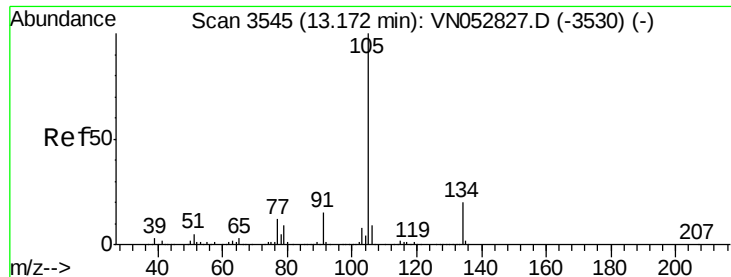
Tgt Ion: 91 Resp: 4178788

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.5





#85

sec-Butylbenzene

Concen: 16.311 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN052860.D

Acq: 13 Dec 2018 13:21

Instrument :

MSVOA_N

ClientSampled :

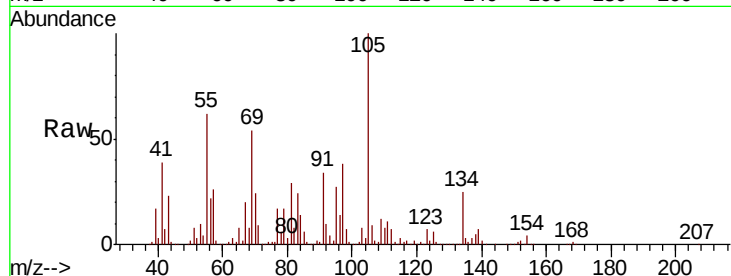
059_BT-3-1

Tot Ion:105 Resp: 882322

Ion Ratio Lower Upper

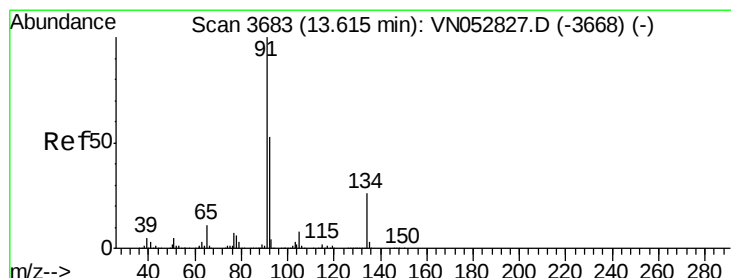
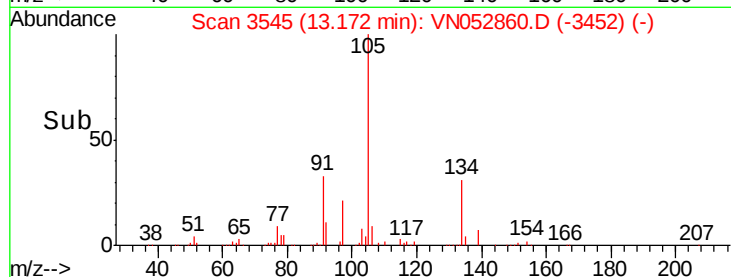
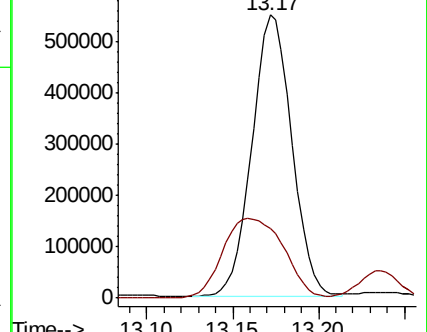
105 100

134 43.4 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 40.319 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052860.D

Acq: 13 Dec 2018 13:21

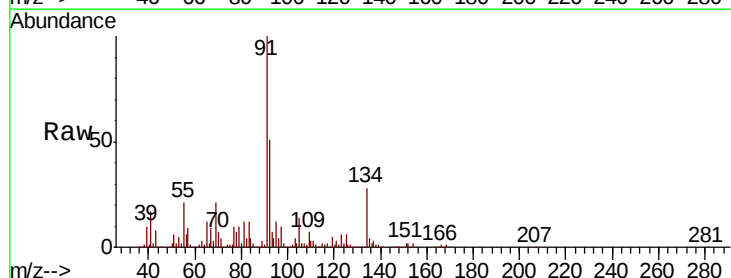
Tgt Ion: 91 Resp: 1590738

Ion Ratio Lower Upper

91 100

92 47.8 26.3 78.9

134 49.3 13.3 39.8#



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

