

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061439.D
 Acq On : 18 May 2020 17:04
 Operator : JC/MD
 Sample : L2679-05MEDL 10X
 Misc : 6.51g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-4-14.0-14.5MEDL

Quant Time: May 19 03:42:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

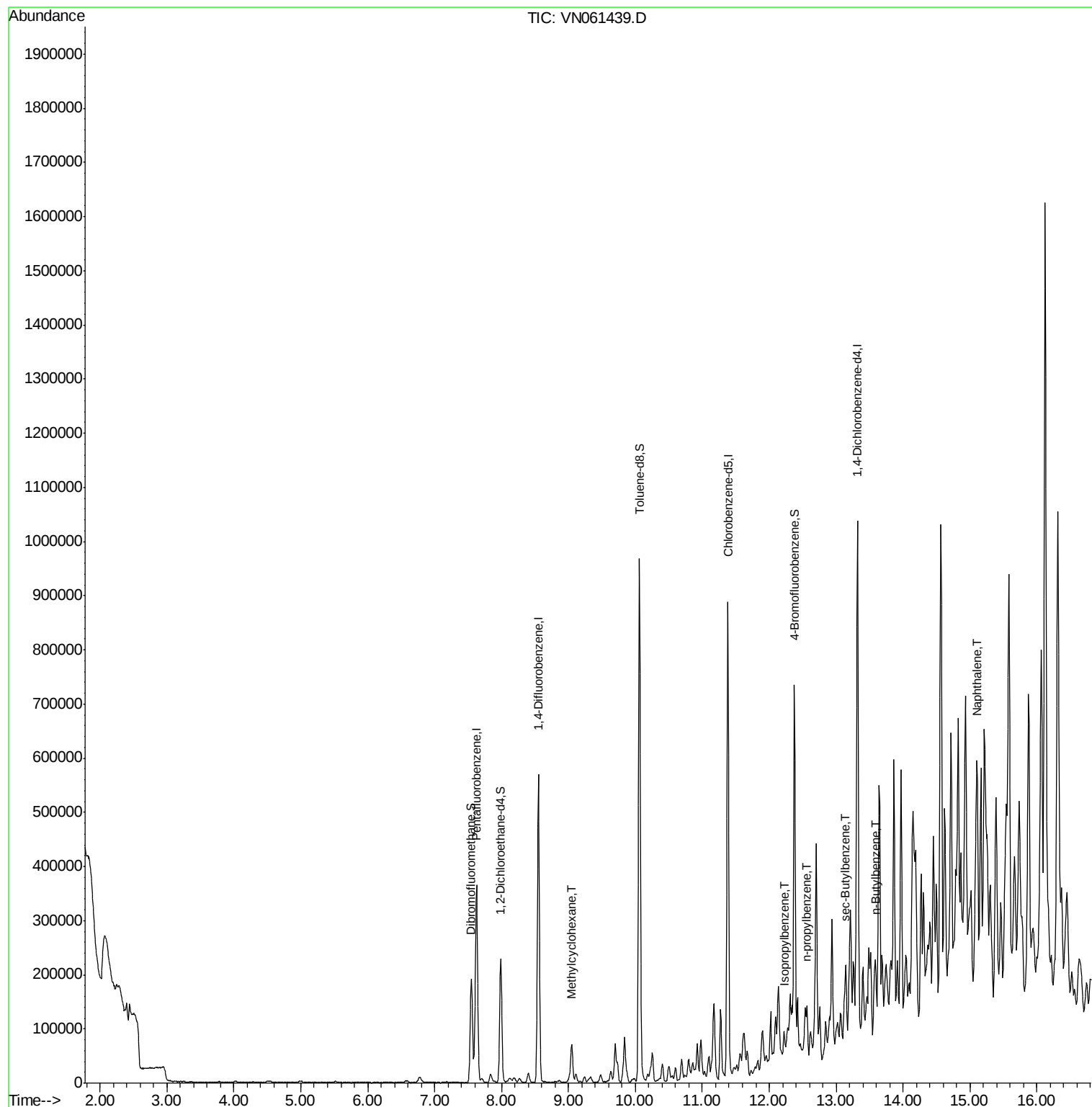
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	284275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	507602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	494249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	228231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	194639	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
35) Dibromofluoromethane	7.55	113	146178	54.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.94%	
50) Toluene-d8	10.06	98	645181	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.37	95	247126	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
Target Compounds						
39) Methylcyclohexane	9.05	83	30384	5.241	ug/l	100
73) Isopropylbenzene	12.22	105	30405	1.659	ug/l	94
78) n-propylbenzene	12.57	91	80067	3.835	ug/l	98
85) sec-Butylbenzene	13.15	105	70139	4.036	ug/l	87
89) n-Butylbenzene	13.59	91	74338	5.303	ug/l #	85
95) Naphthalene	15.10	128	290449	24.138	ug/l	98

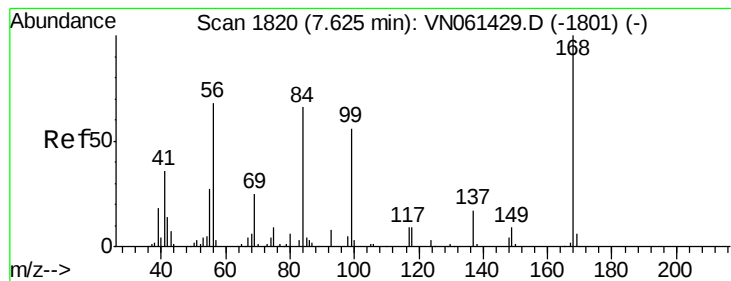
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-4-14.0-14.5MEDL

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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

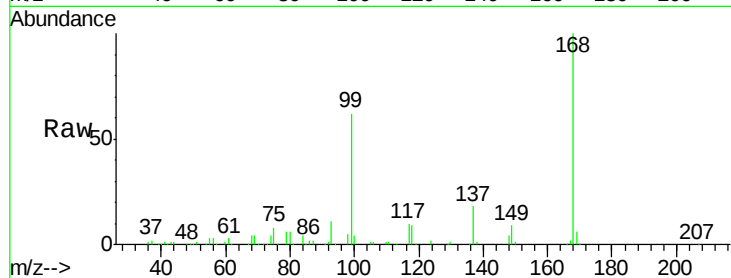
SB-4-14.0-14.5MEDL

Tot Ion:168 Resp: 284275

Ion Ratio Lower Upper

168 100

99 61.8 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

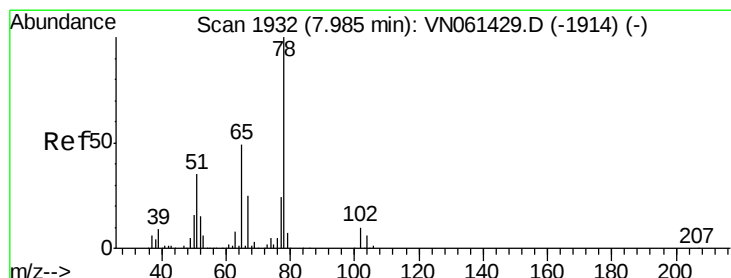
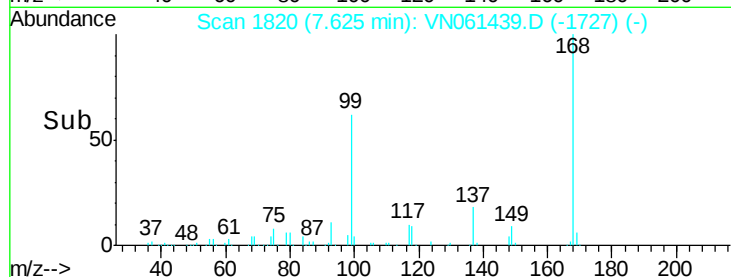
7.63

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 45.877 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061439.D

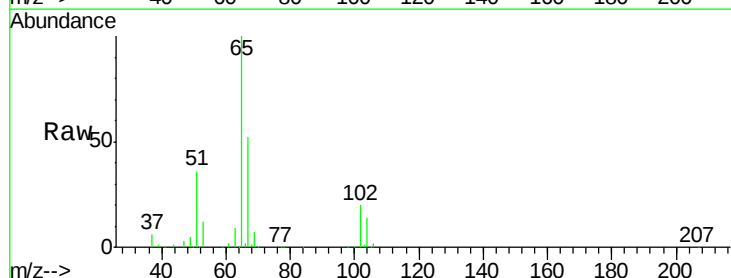
Acq: 18 May 2020 17:04

Tgt Ion: 65 Resp: 194639

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

80000

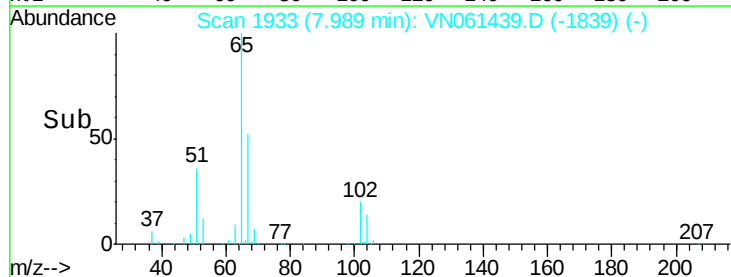
60000

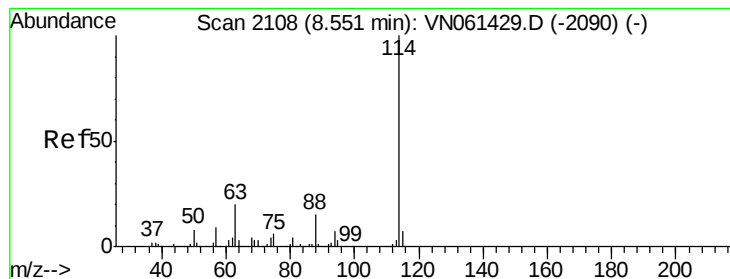
40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

SB-4-14.0-14.5MEDL

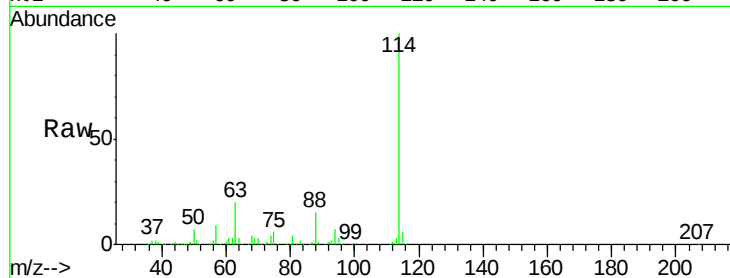
Tot Ion:114 Resp: 507602

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

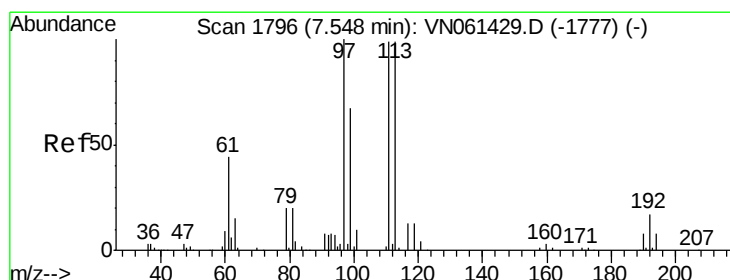
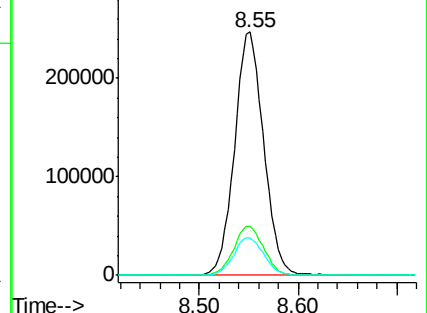
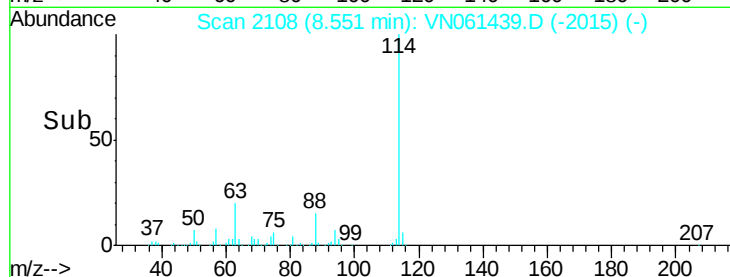
88 15.4 0.0 30.8



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: 54.971 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

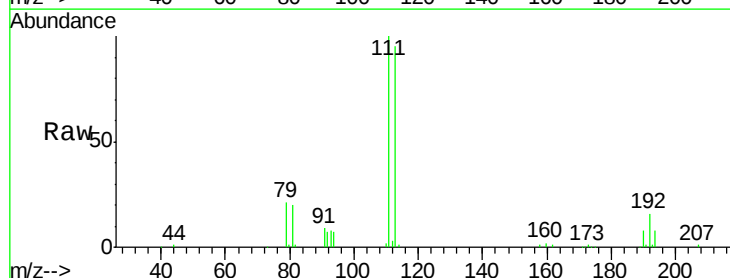
Tgt Ion:113 Resp: 146178

Ion Ratio Lower Upper

113 100

111 103.8 80.6 121.0

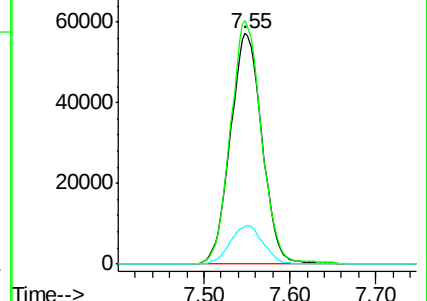
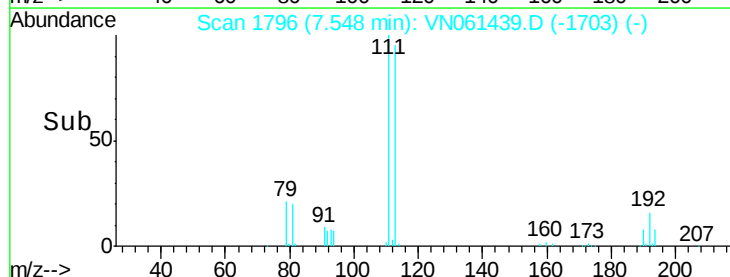
192 17.2 13.2 19.8

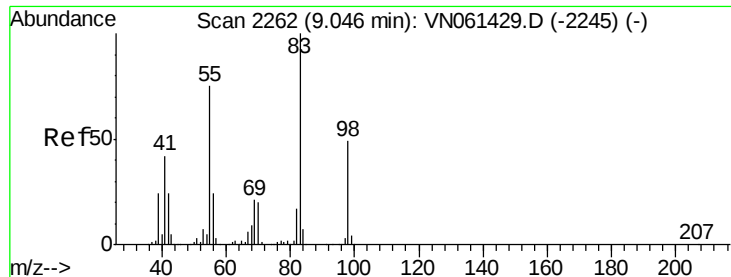


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

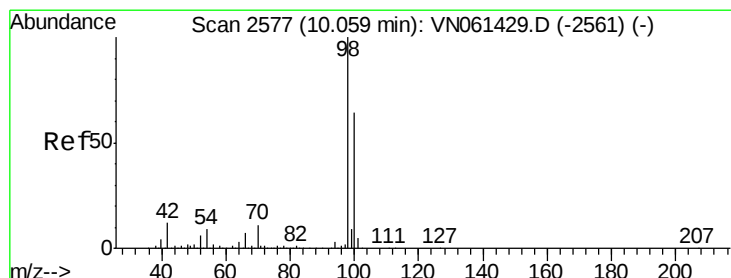
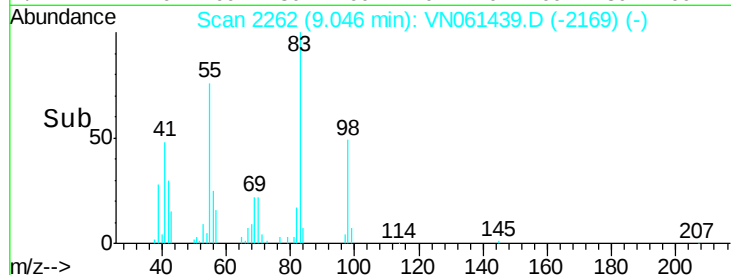
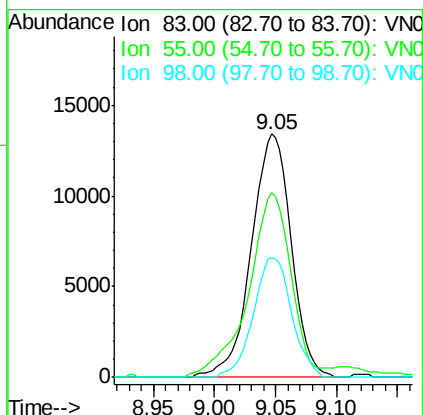
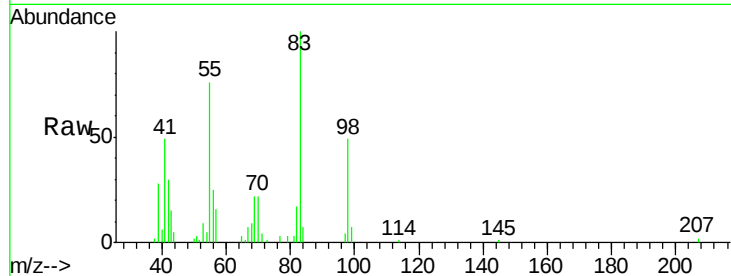




#39
Methvlcvclohexane
Concen: 5.241 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061439.D
Acq: 18 May 2020 17:04

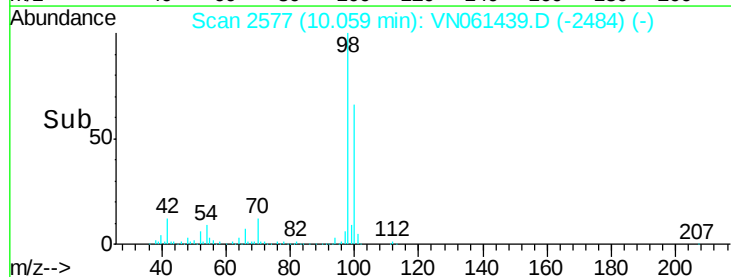
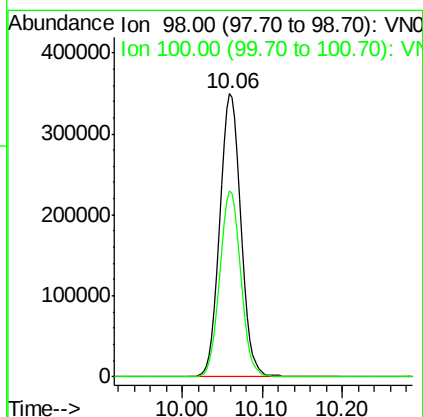
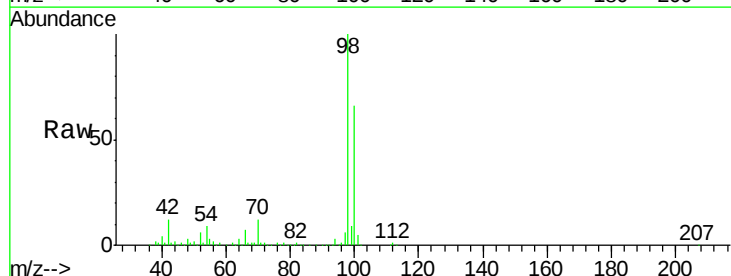
Instrument :
MSVOA_N
ClientSampleId :
SB-4-14.0-14.5MEDL

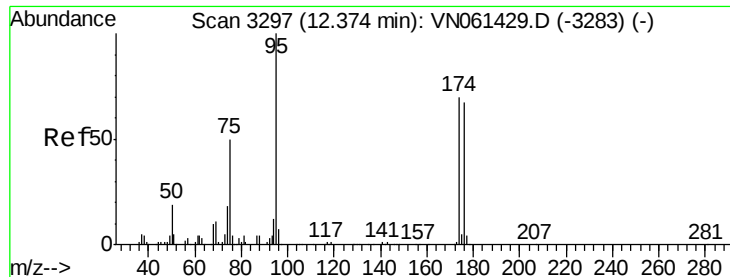
Tot Ion: 83 Resp: 30384
Ion Ratio Lower Upper
83 100
55 74.6 59.7 89.5
98 49.3 38.9 58.3



#50
Toluene-d8
Concen: 52.309 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061439.D
Acq: 18 May 2020 17:04

Tgt Ion: 98 Resp: 645181
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8

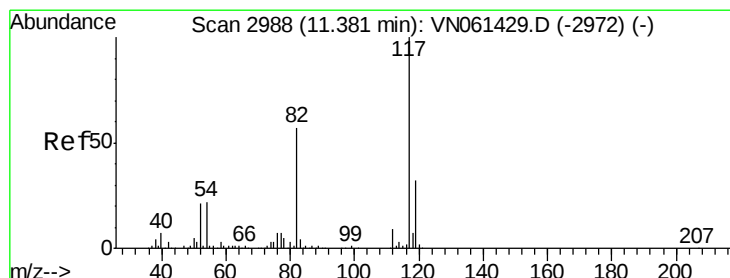
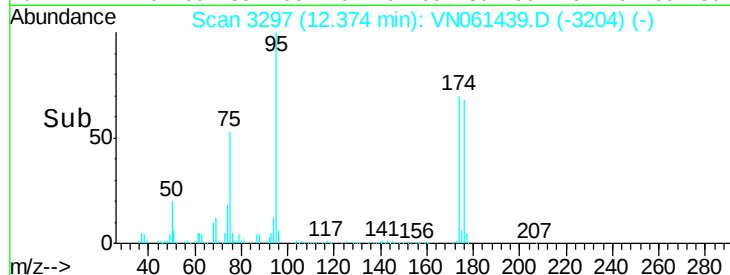
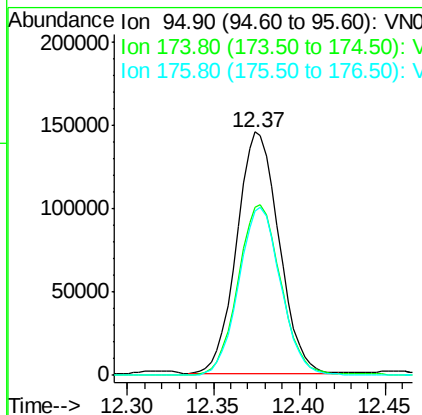
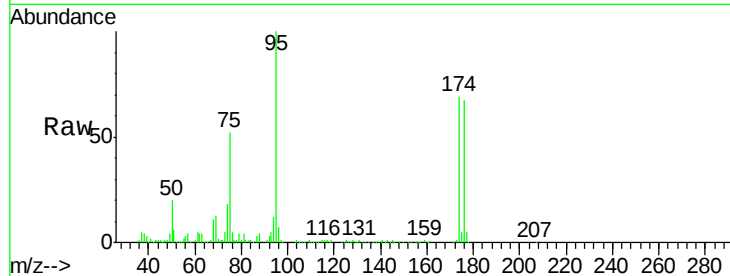




#62
4-Bromofluorobenzene
Concen: 53.629 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN061439.D
Acq: 18 May 2020 17:04

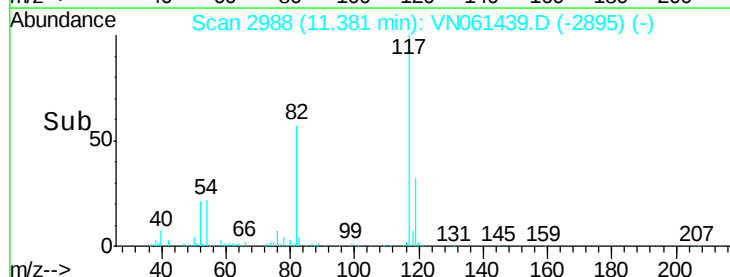
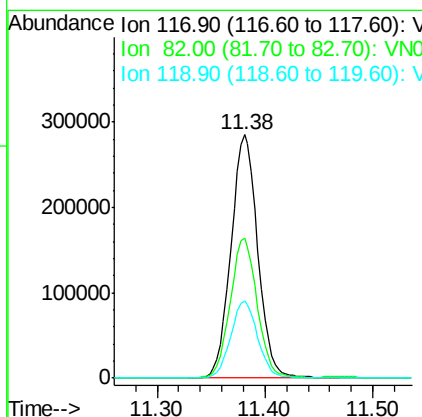
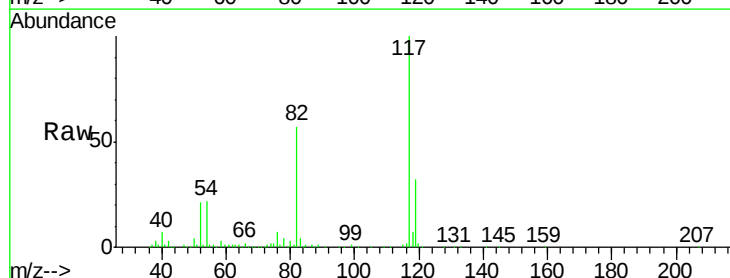
Instrument :
MSVOA_N
ClientSampleId :
SB-4-14.0-14.5MEDL

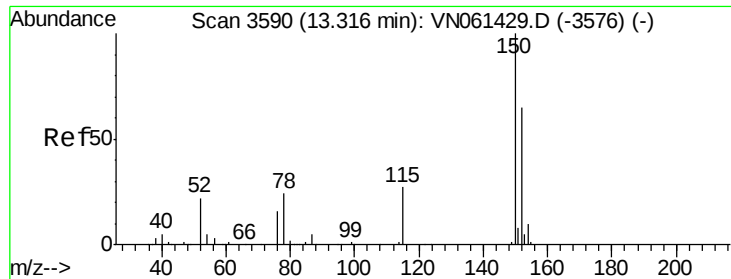
Tot Ion	95	Resp	247126
Ion Ratio	Lower	Upper	
95	100		
174	71.0	0.0	141.2
176	69.5	0.0	137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061439.D
Acq: 18 May 2020 17:04

Tgt Ion	117	Resp	494249
Ion Ratio	Lower	Upper	
117	100		
82	57.0	45.2	67.8
119	31.7	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

SB-4-14.0-14.5MEDL

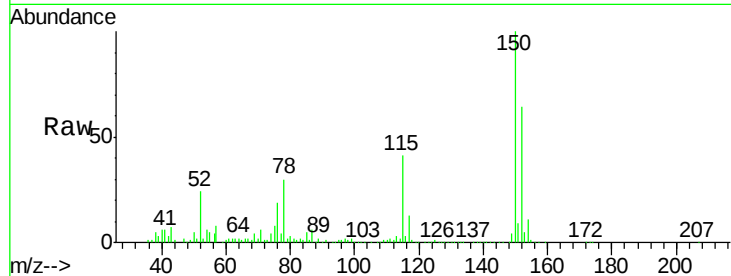
Tot Ion:152 Resp: 228231

Ion Ratio Lower Upper

152 100

115 62.0 30.9 92.5

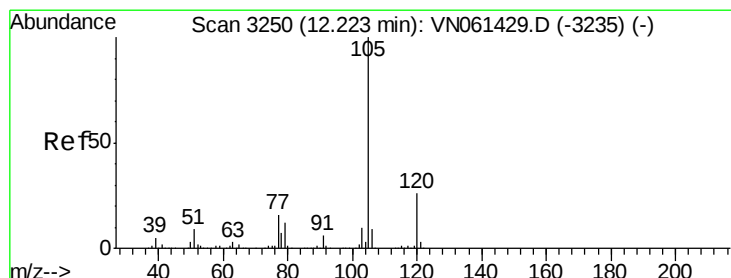
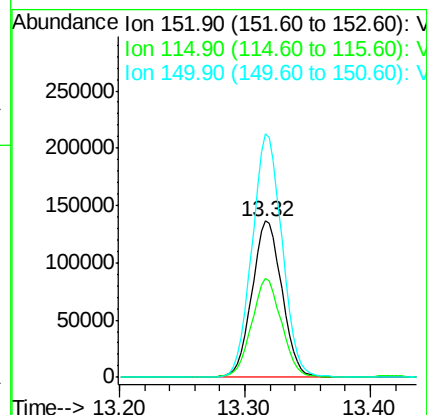
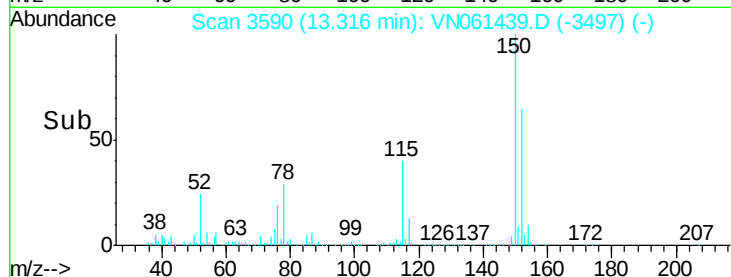
150 155.0 0.0 349.2



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: 1.659 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061439.D

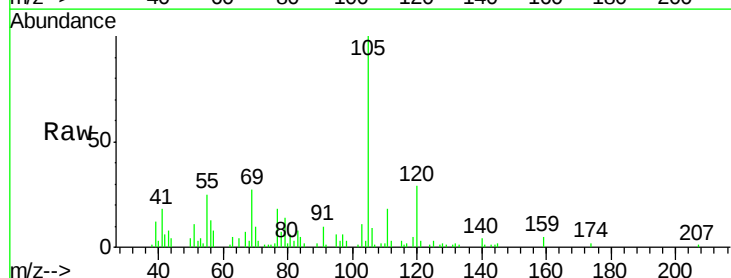
Acq: 18 May 2020 17:04

Tgt Ion:105 Resp: 30405

Ion Ratio Lower Upper

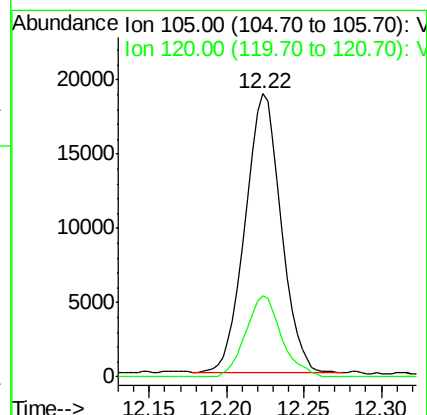
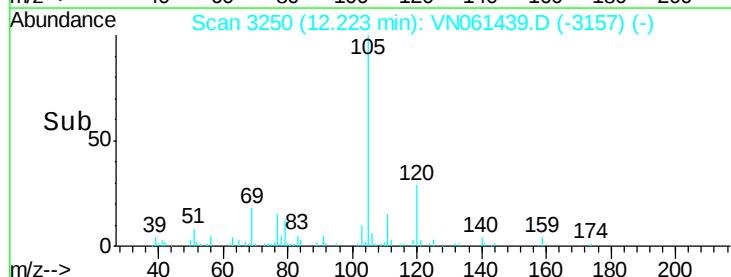
105 100

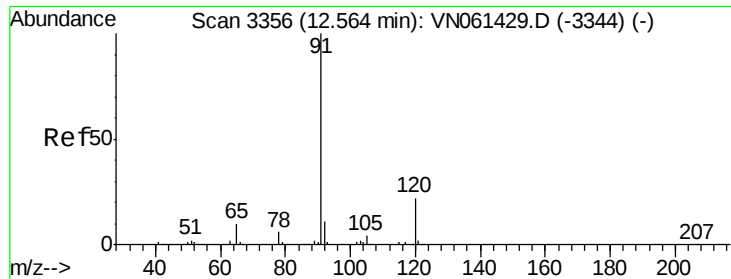
120 28.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.835 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

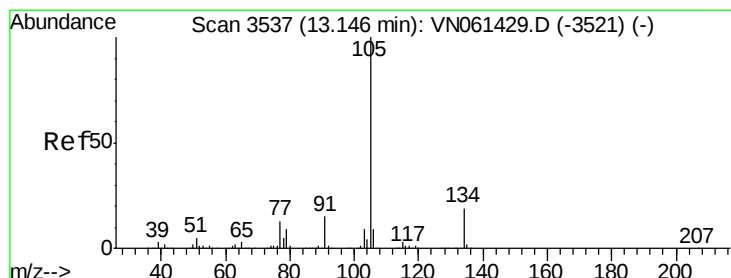
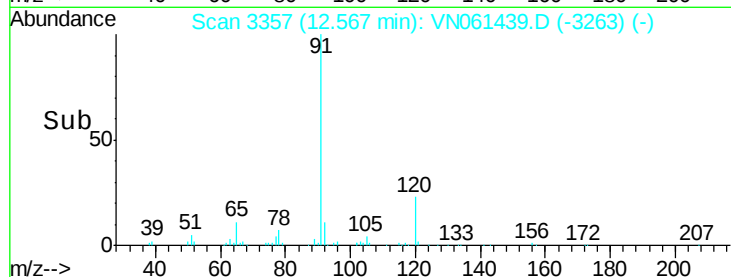
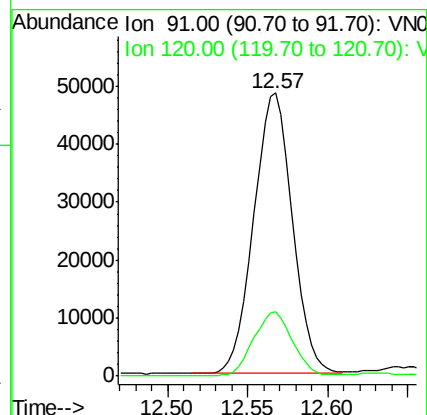
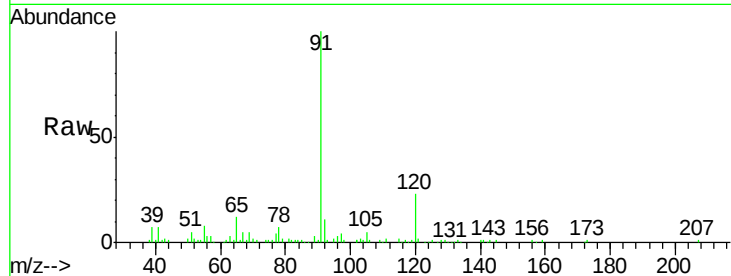
SB-4-14.0-14.5MEDL

Tot Ion: 91 Resp: 80067

Ion Ratio Lower Upper

91 100

120 23.4 11.2 33.6



#85

sec-Butylbenzene

Concen: 4.036 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061439.D

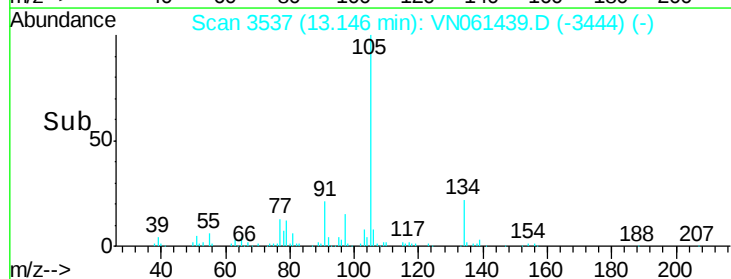
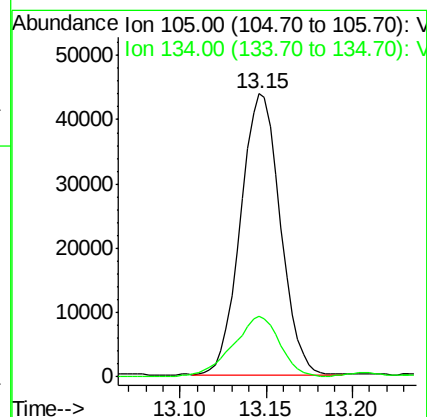
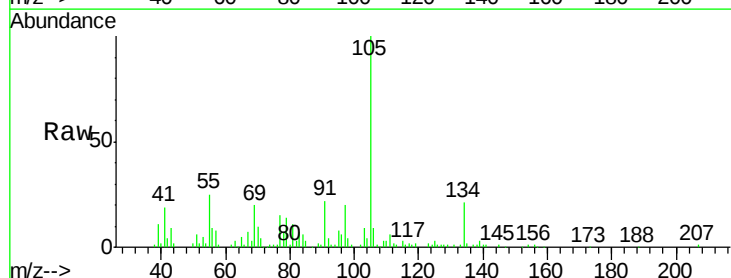
Acq: 18 May 2020 17:04

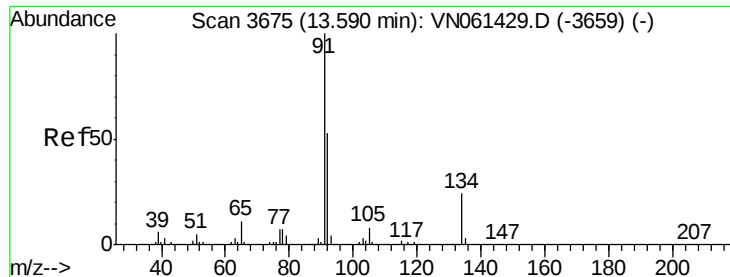
Tgt Ion: 105 Resp: 70139

Ion Ratio Lower Upper

105 100

134 25.5 9.8 29.5





#89

n-Butylbenzene

Concen: 5.303 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

SB-4-14.0-14.5MEDL

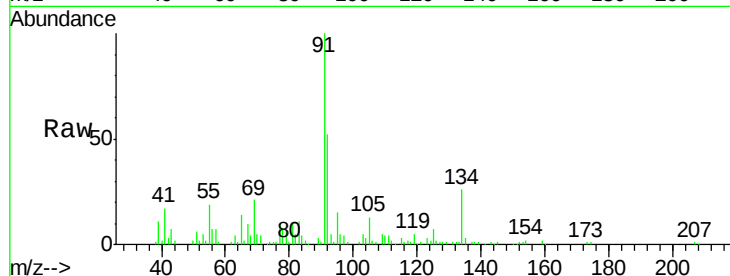
Tot Ion: 91 Resp: 74338

Ion Ratio Lower Upper

91 100

92 48.5 26.8 80.3

134 40.9 12.4 37.4#

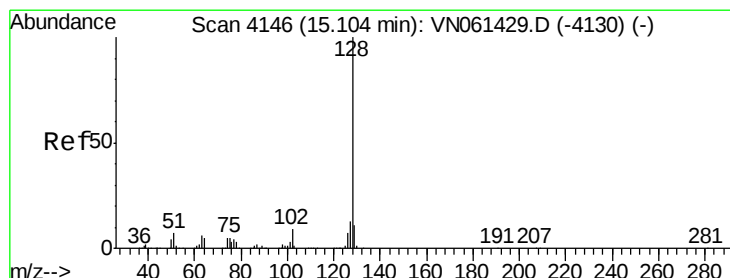
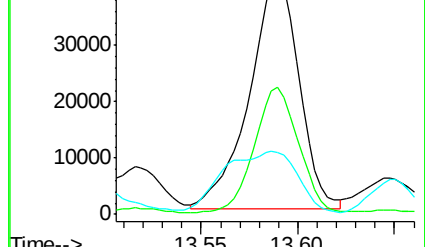
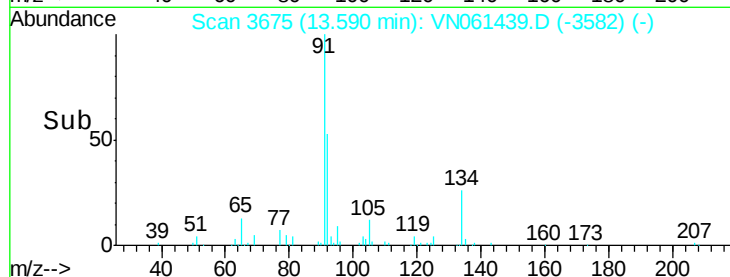


Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3659) (-)

Ion 92.00 (91.70 to 92.70): VN061429.D (-3659) (-)

Ion 134.00 (133.70 to 134.70): VN061429.D (-3659) (-)

Time-->



#95

Naphthalene

Concen: 24.138 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

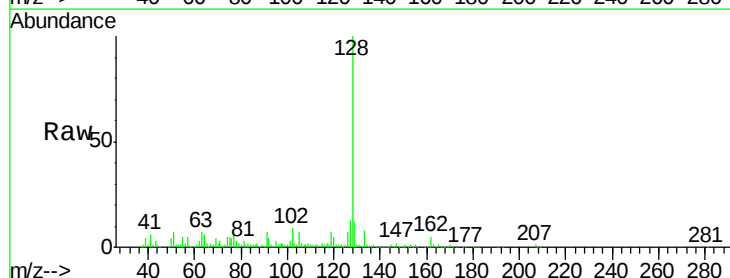
Tgt Ion: 128 Resp: 290449

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 12.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VN061429.D (-4130) (-)

Ion 127.00 (126.70 to 127.70): VN061429.D (-4130) (-)

Ion 129.00 (128.70 to 129.70): VN061429.D (-4130) (-)

Time-->

