

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061472.D
 Acq On : 19 May 2020 10:03
 Operator : JC/MD
 Sample : L2503-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-051420

Quant Time: May 19 12:02:02 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

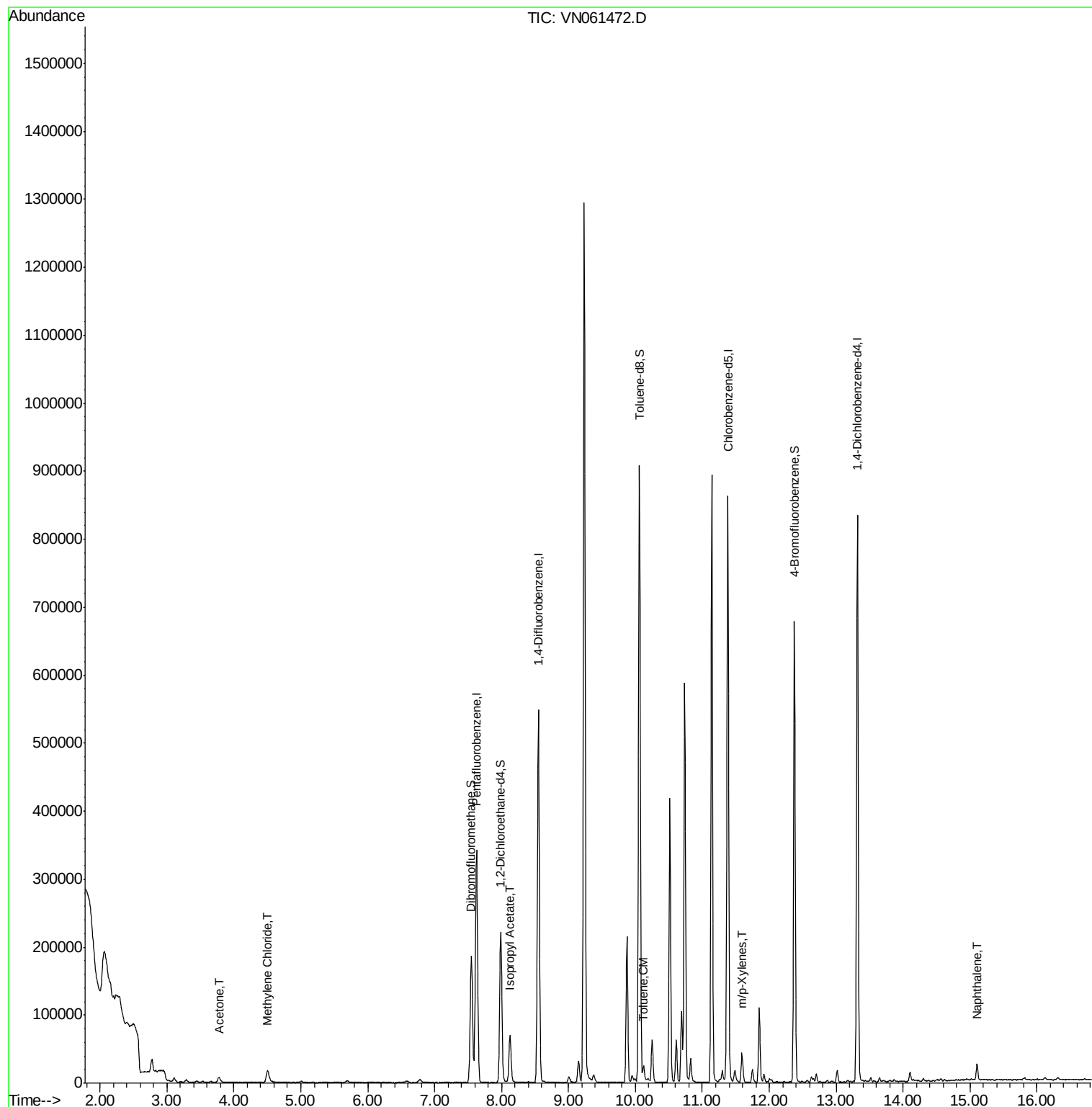
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	267036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	493902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	489645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	192312	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
35) Dibromofluoromethane	7.55	113	142049	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.80%	
50) Toluene-d8	10.06	98	625345	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.38	95	247262	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.30%	
Target Compounds						
16) Acetone	3.78	43	13094	1.468	ug/l	94
20) Methylene Chloride	4.51	84	12566	3.836	ug/l	95
43) Isopropyl Acetate	8.13	43	82360	11.275	ug/l #	90
52) Toluene	10.12	92	9522	1.066	ug/l	100
68) m/p-Xylenes	11.60	106	14323	2.070	ug/l	95
95) Naphthalene	15.10	128	20495	1.779	ug/l	99

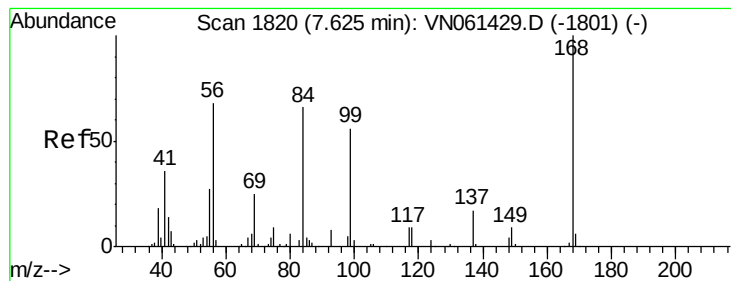
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OR-02-051420

Quant Time: May 19 12:02:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
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# 1821

Delta R.T. 0.00 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

Instrument :

MSVOA_N

ClientSampleId :

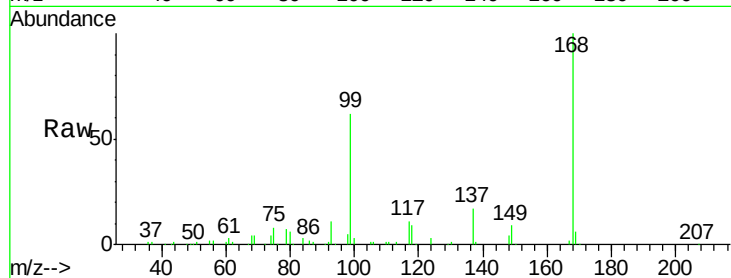
OR-02-051420

Tot Ion:168 Resp: 267036

Ion Ratio Lower Upper

168 100

99 61.7 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

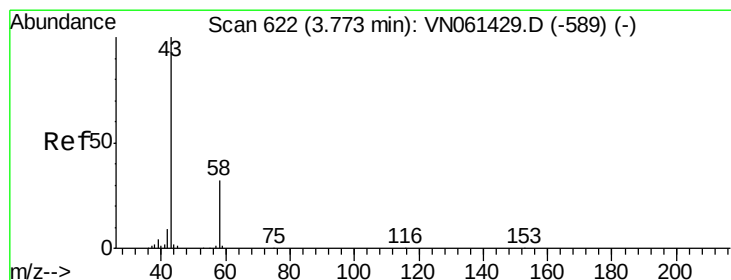
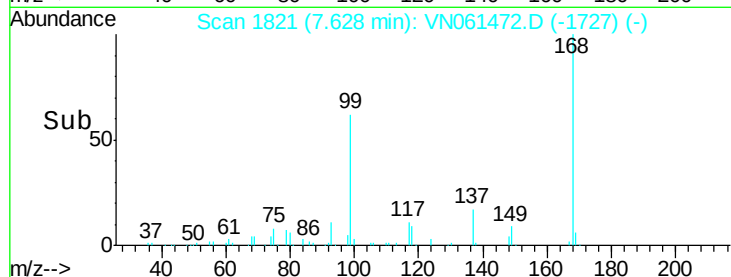
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 1.468 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061472.D

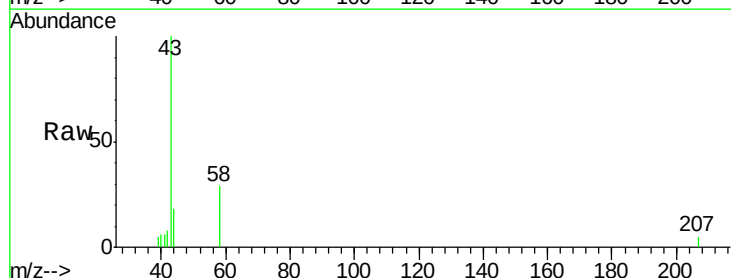
Acq: 19 May 2020 10:03

Tgt Ion: 43 Resp: 13094

Ion Ratio Lower Upper

43 100

58 28.7 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

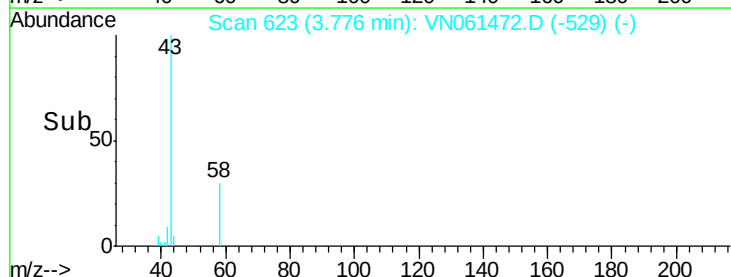
3000

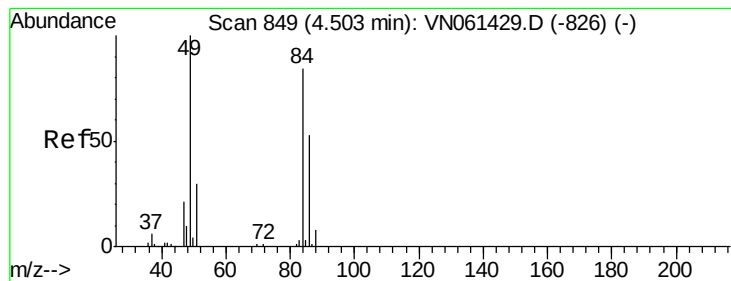
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#20

Methvlene Chloride

Concen: 3.836 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

Instrument :

MSVOA_N

ClientSampleId :

OR-02-051420

Tot Ion: 84 Resp: 12566

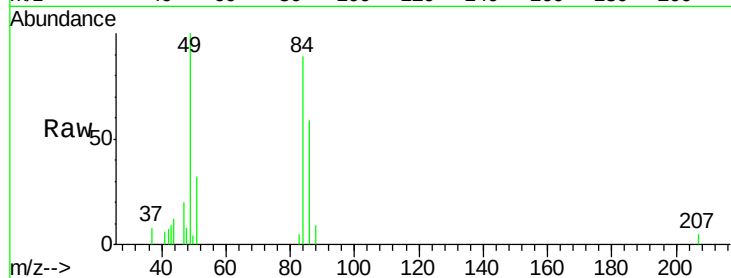
Ion Ratio Lower Upper

84 100

49 112.7 95.3 142.9

51 35.8 29.0 43.6

86 66.9 50.2 75.2

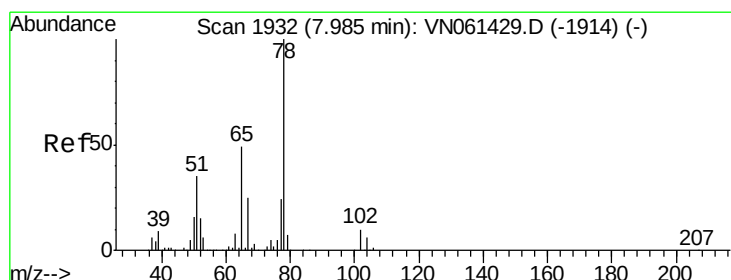
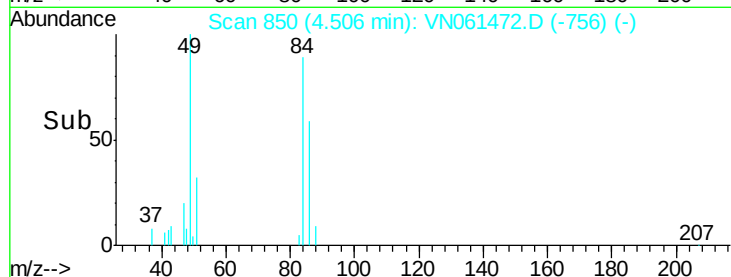
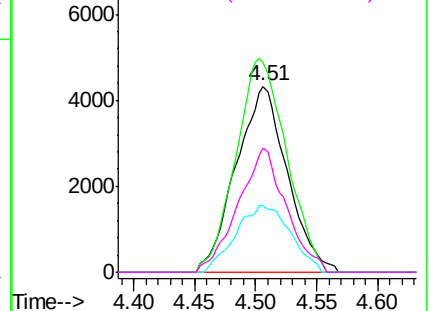


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.254 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061472.D

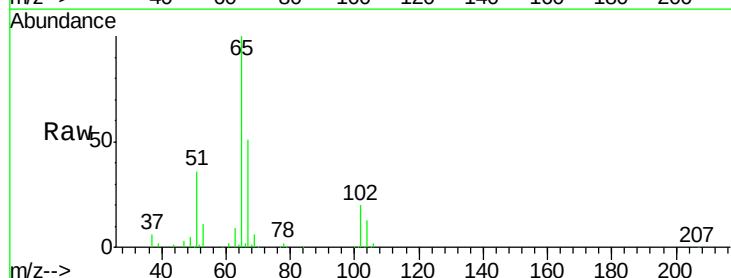
Acq: 19 May 2020 10:03

Tgt Ion: 65 Resp: 192312

Ion Ratio Lower Upper

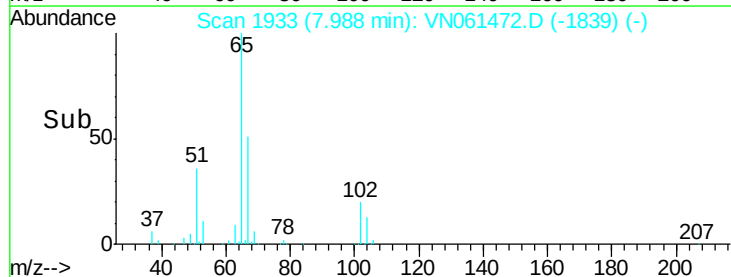
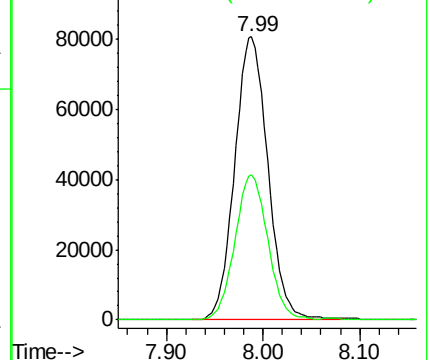
65 100

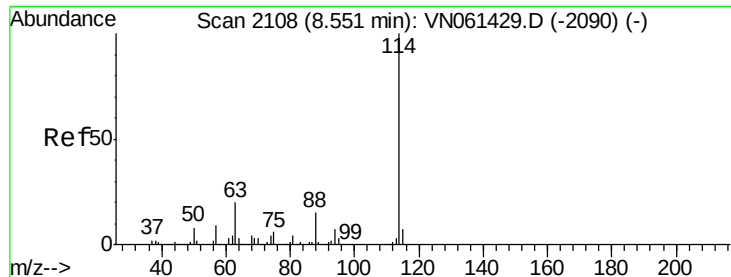
67 50.8 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

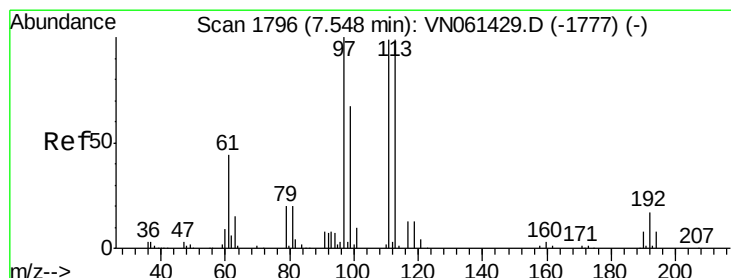
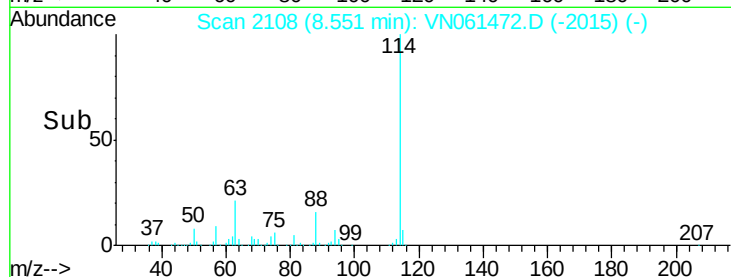
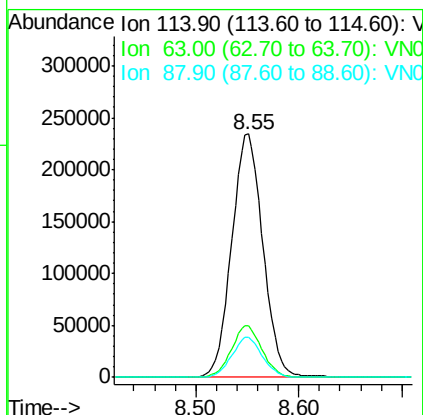
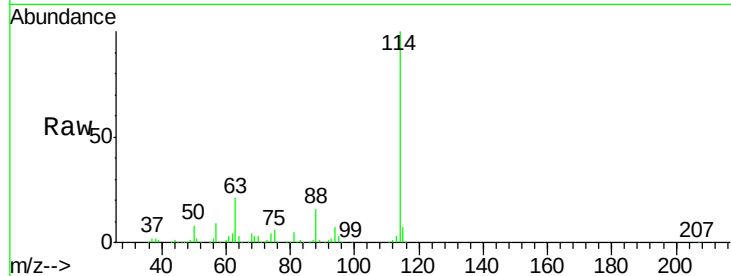




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061472.D
 Acq: 19 May 2020 10:03

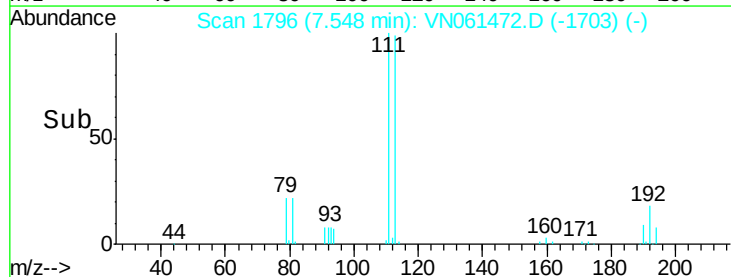
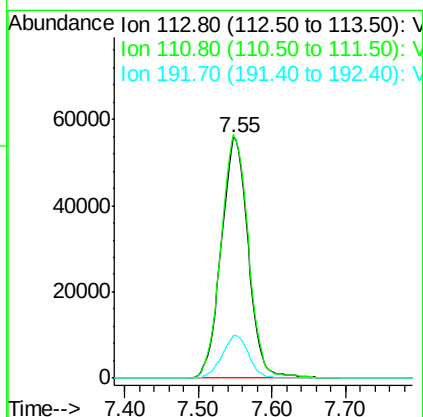
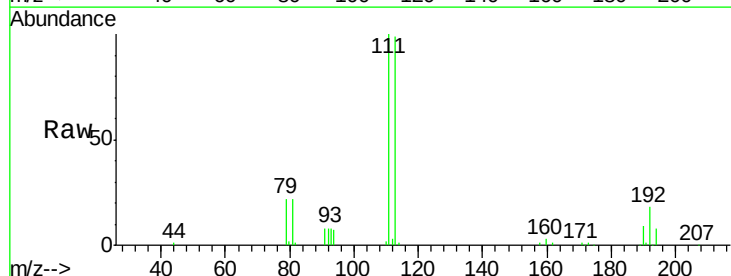
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-051420

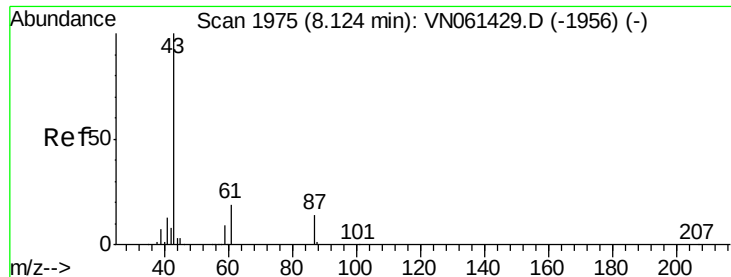
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	16.4	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 54.900 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061472.D
 Acq: 19 May 2020 10:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.6	121.0
192	17.4	13.2	19.8





#43

Isopropyl Acetate

Concen: 11.275 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

Instrument :

MSVOA_N

ClientSampleId :

OR-02-051420

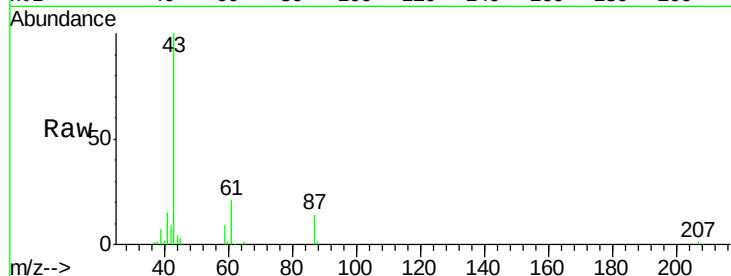
Tot Ion: 43 Resp: 82360

Ion Ratio Lower Upper

43 100

61 20.6 23.0 34.4#

87 14.3 11.6 17.4

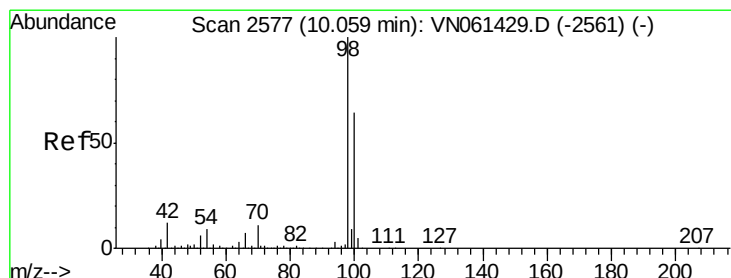
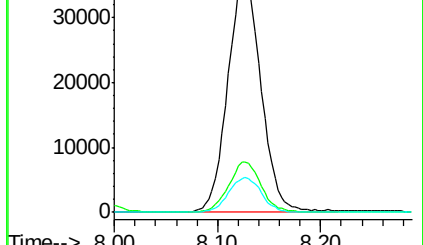
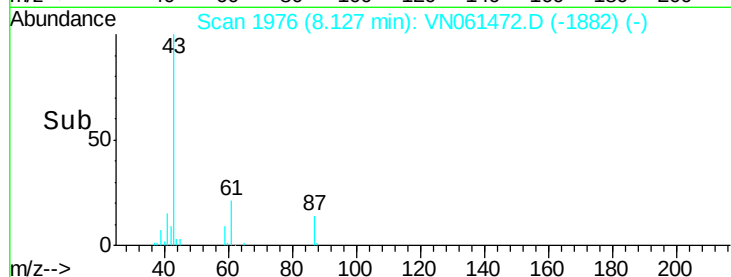


Abundance Ion 43.00 (42.70 to 43.70): VN061472.D (-1882) (-)

Ion 61.00 (60.70 to 61.70): VN061472.D (-1882) (-)

Ion 87.00 (86.70 to 87.70): VN061472.D (-1882) (-)

Time--> 8.00 8.10 8.20



#50

Toluene-d8

Concen: 52.108 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061472.D

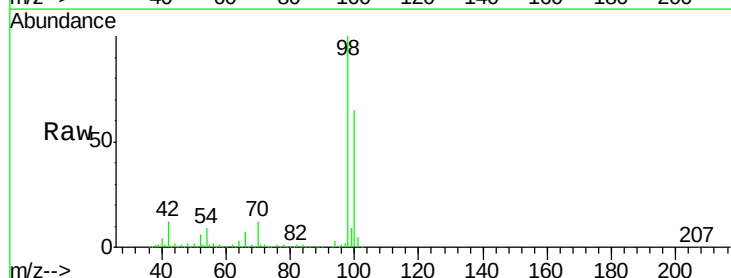
Acq: 19 May 2020 10:03

Tgt Ion: 98 Resp: 625345

Ion Ratio Lower Upper

98 100

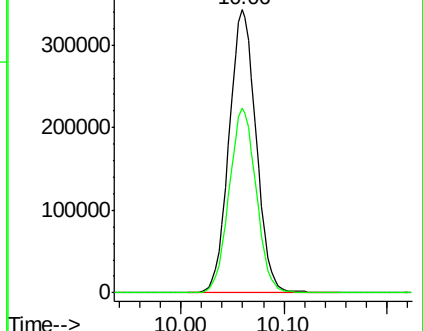
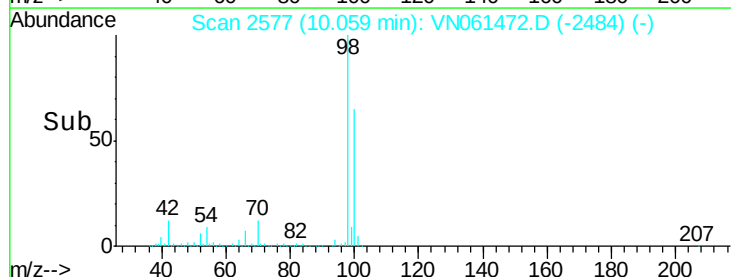
100 65.3 51.8 77.8

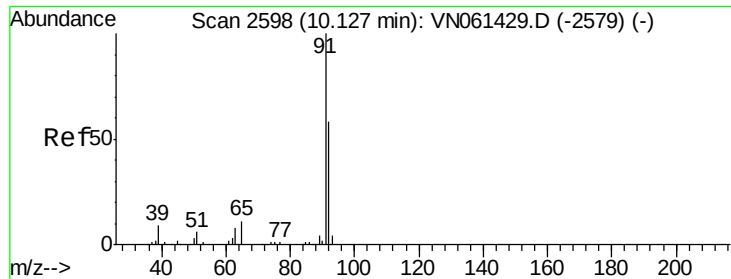


Abundance Ion 98.00 (97.70 to 98.70): VN061472.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061472.D (-2484) (-)

Time--> 10.00 10.10





#52

Toluene

Concen: 1.066 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

Instrument :

MSVOA_N

ClientSampleId :

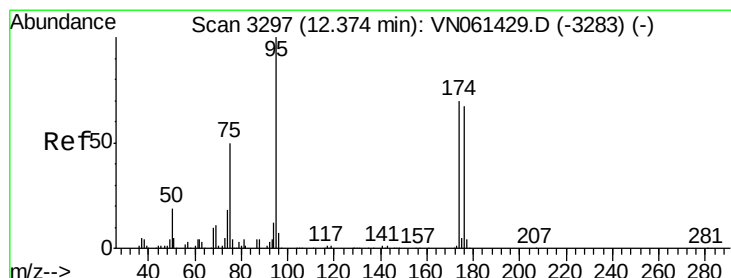
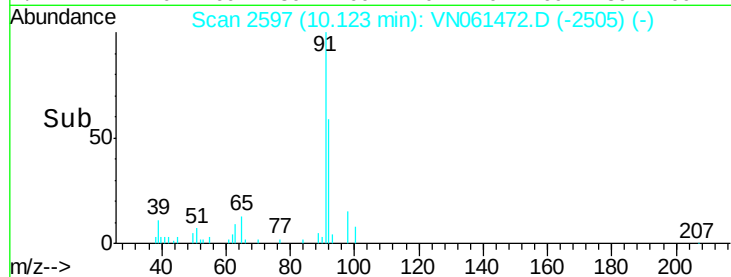
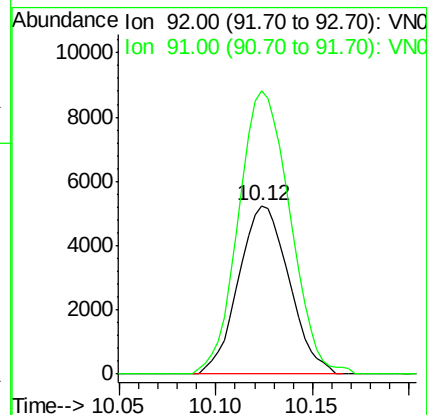
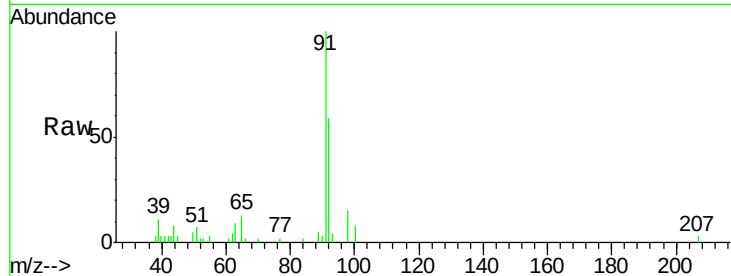
OR-02-051420

Tot Ion: 92 Resp: 9522

Ion Ratio Lower Upper

92 100

91 171.8 138.0 207.0



#62

4-Bromofluorobenzene

Concen: 55.147 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

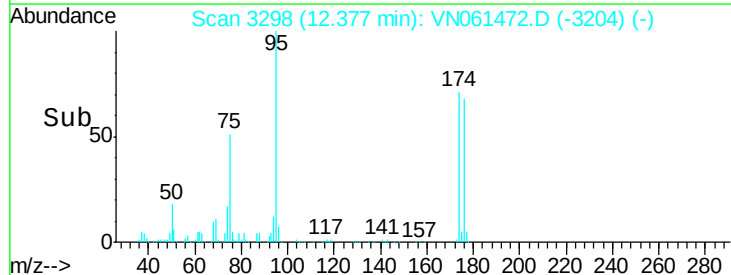
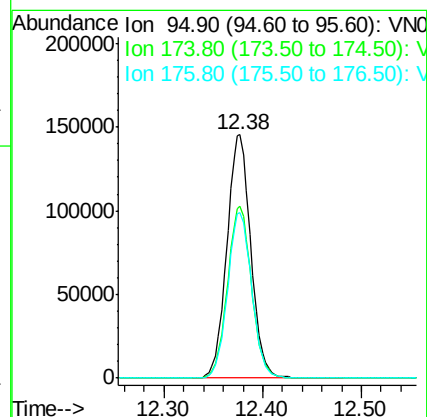
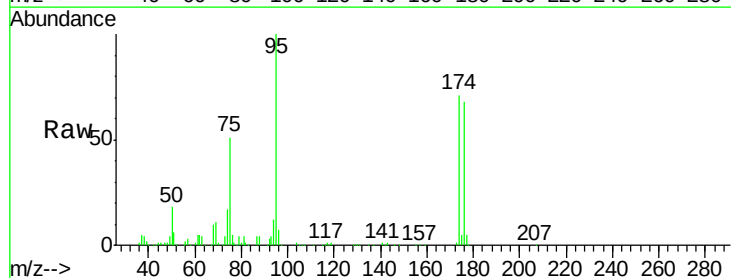
Tgt Ion: 95 Resp: 247262

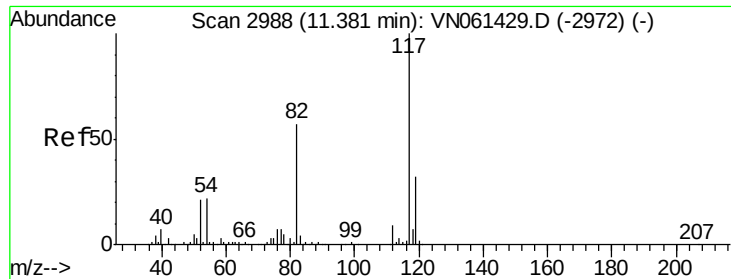
Ion Ratio Lower Upper

95 100

174 70.9 0.0 141.2

176 68.5 0.0 137.6

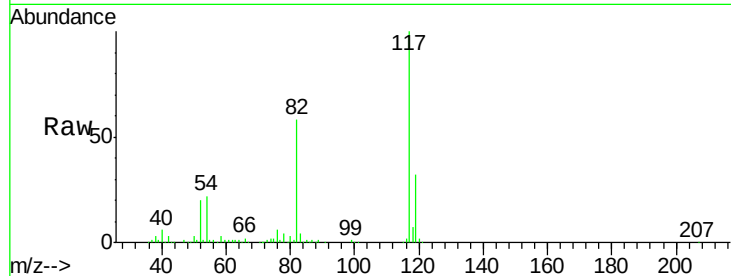




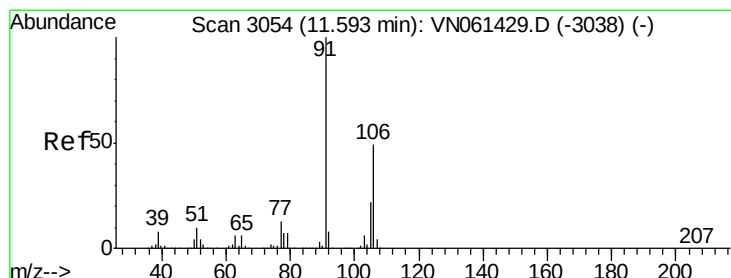
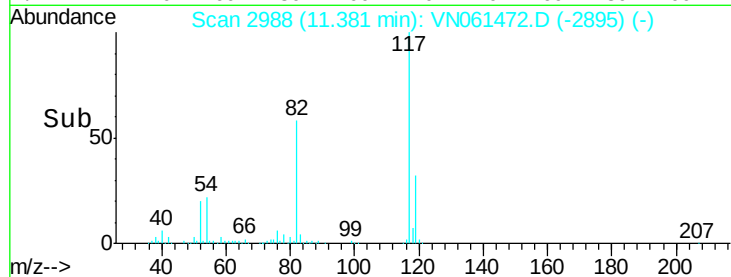
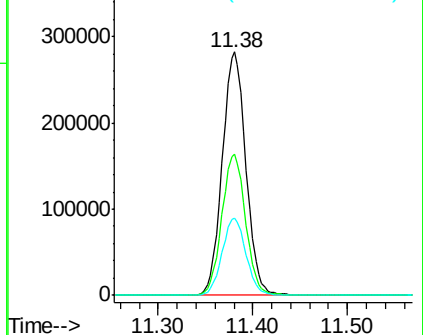
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061472.D
Acq: 19 May 2020 10:03

Instrument :
MSVOA_N
ClientSampleId :
OR-02-051420

Tot Ion:117 Resp: 489645
Ion Ratio Lower Upper
117 100
82 57.8 45.2 67.8
119 31.8 25.3 37.9

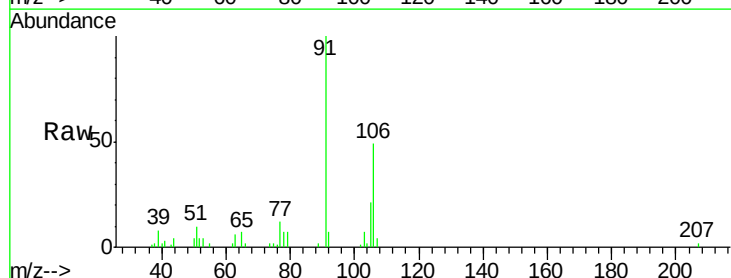


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

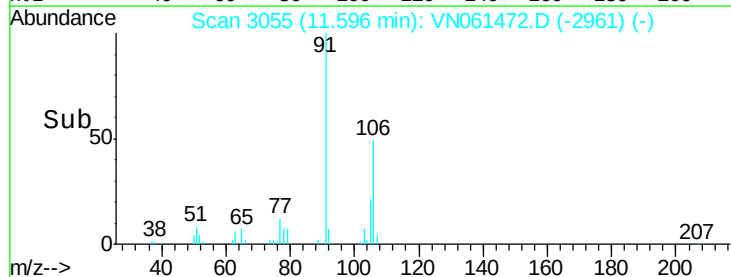
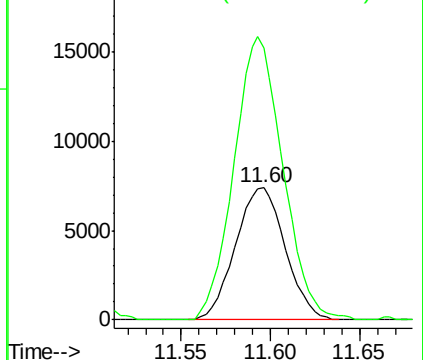


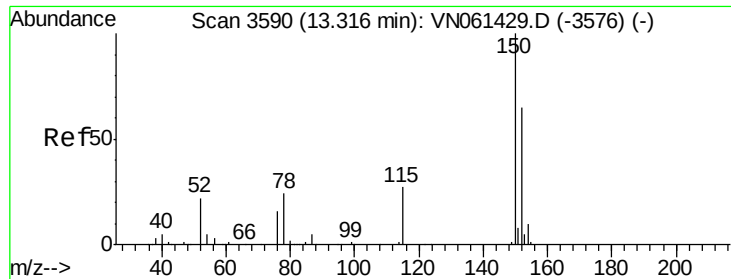
#68
m/p-Xylenes
Concen: 2.070 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061472.D
Acq: 19 May 2020 10:03

Tgt Ion:106 Resp: 14323
Ion Ratio Lower Upper
106 100
91 211.0 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

Instrument :

MSVOA_N

ClientSampled :

OR-02-051420

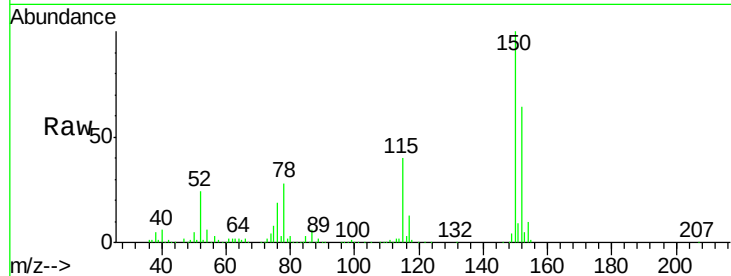
Tot Ion:152 Resp: 218523

Ion Ratio Lower Upper

152 100

115 62.5 30.9 92.5

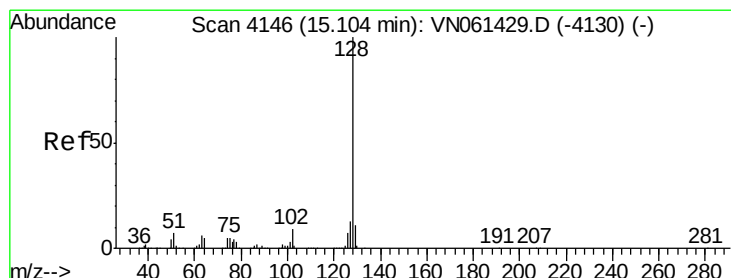
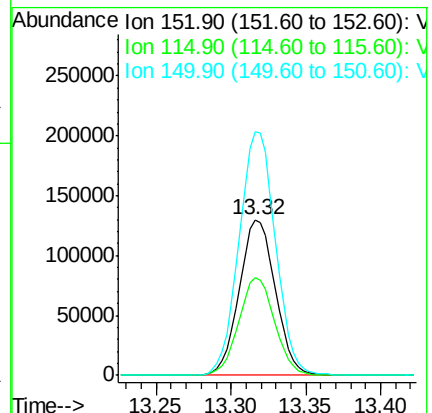
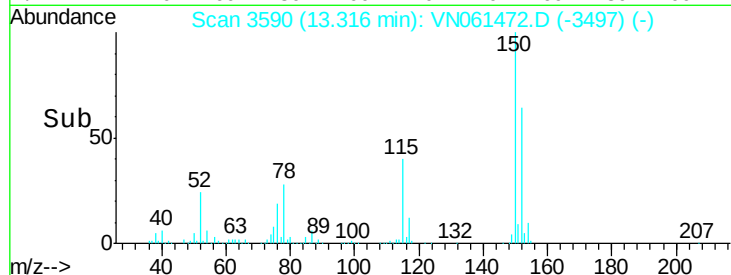
150 158.2 0.0 349.2



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



#95

Naphthalene

Concen: 1.779 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

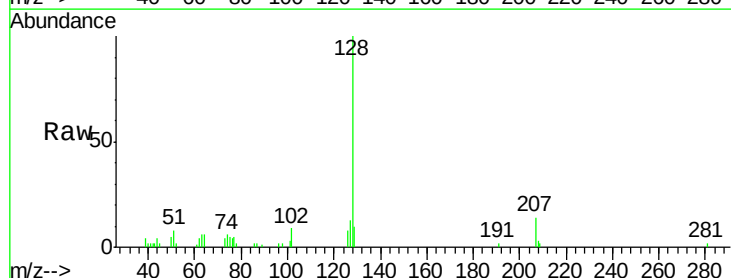
Tgt Ion:128 Resp: 20495

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.0 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

