

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058071.D
 Acq On : 14 Sep 2019 12:34
 Operator : JC/SP
 Sample : K4873-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-28

Quant Time: Sep 16 06:01:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

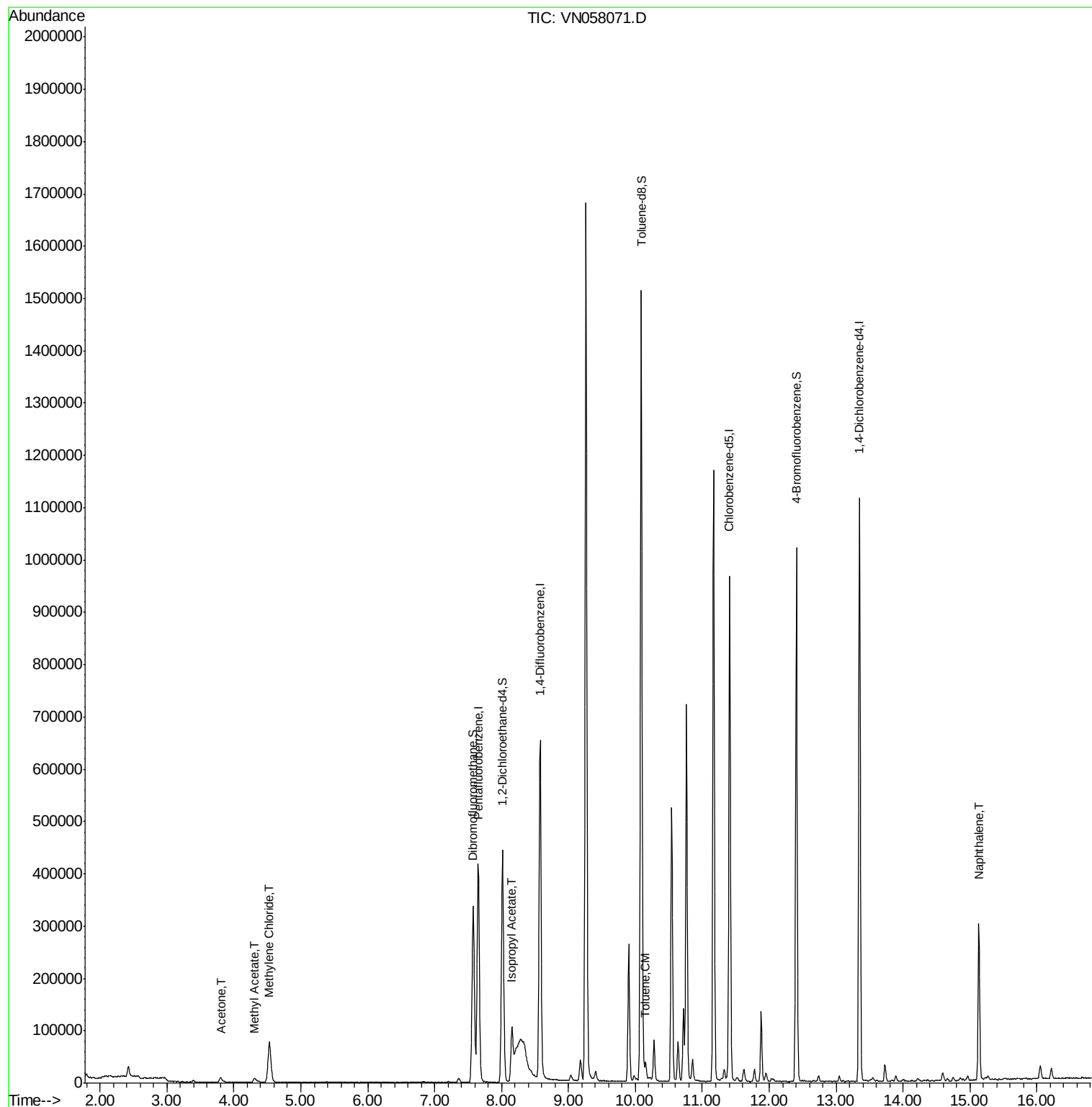
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	324532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	565834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	272625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	380055	57.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.64%	
35) Dibromofluoromethane	7.58	113	256966	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	10.09	98	1031485	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.41	95	341073	44.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.28%	
Target Compounds						
16) Acetone	3.80	43	16423	7.622	ug/l	96
18) Methyl Acetate	4.31	43	15794	2.749	ug/l	93
20) Methylene Chloride	4.54	84	55559	12.624	ug/l	97
43) Isopropyl Acetate	8.15	43	132172	11.592	ug/l #	83
52) Toluene	10.15	92	14168	1.139	ug/l	88
95) Naphthalene	15.13	128	233093	13.457	ug/l	99

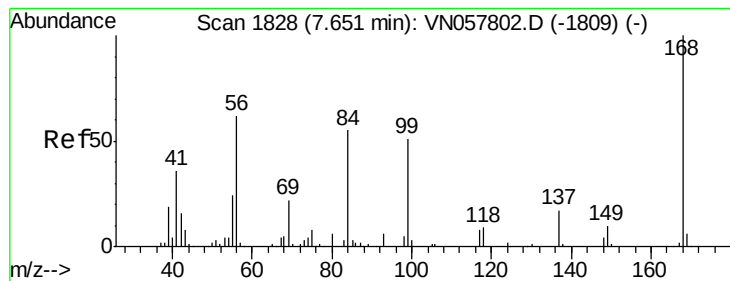
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

ClientSampled :

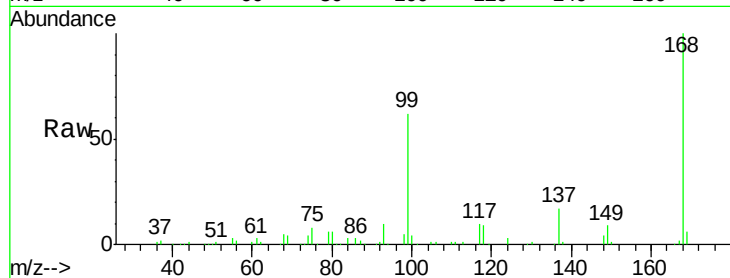
COMP-28

Tot Ion:168 Resp: 324532

Ion Ratio Lower Upper

168 100

99 62.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

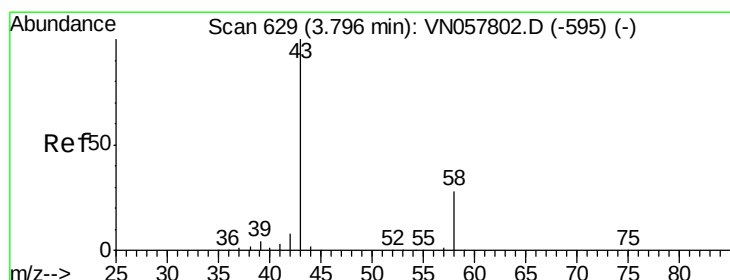
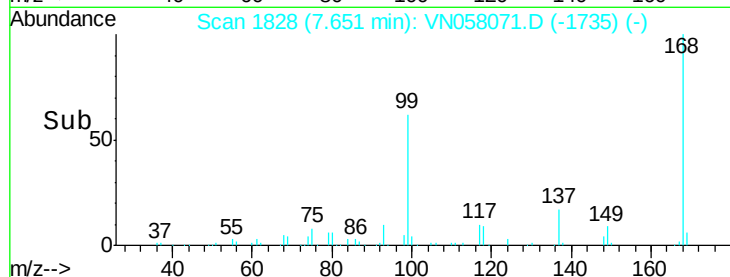
100000

50000

0

Time-->

7.60 7.70



#16

Acetone

Concen: 7.622 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058071.D

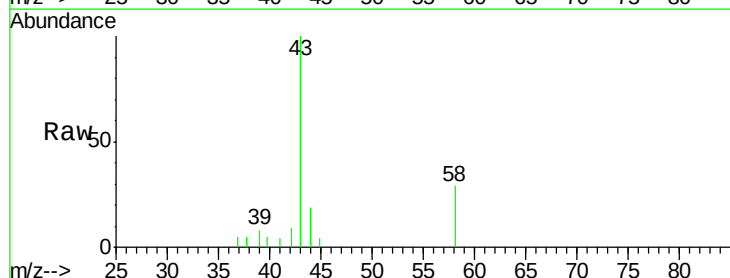
Acq: 14 Sep 2019 12:34

Tgt Ion: 43 Resp: 16423

Ion Ratio Lower Upper

43 100

58 29.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

6000

5000

4000

3000

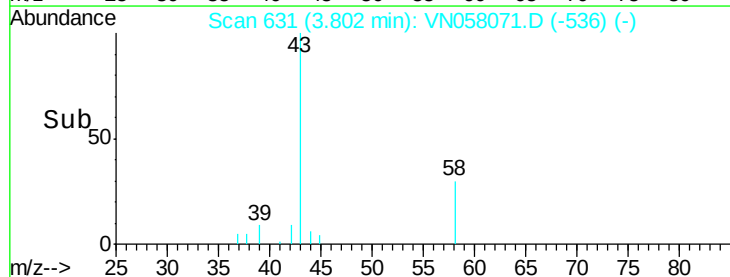
2000

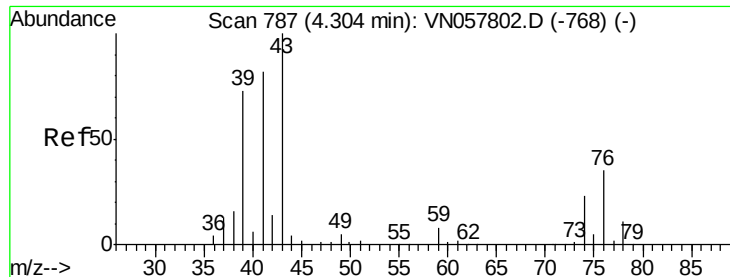
1000

0

Time-->

3.70 3.80 3.90

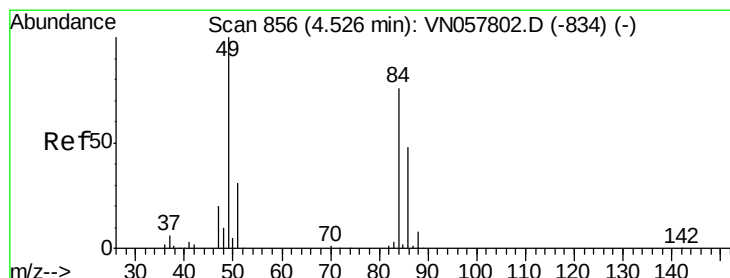
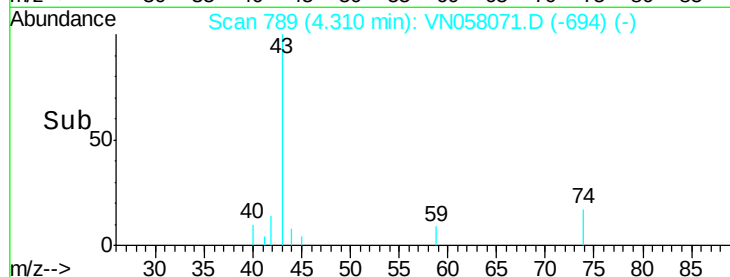
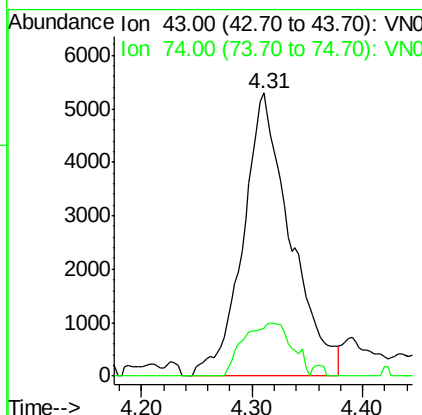
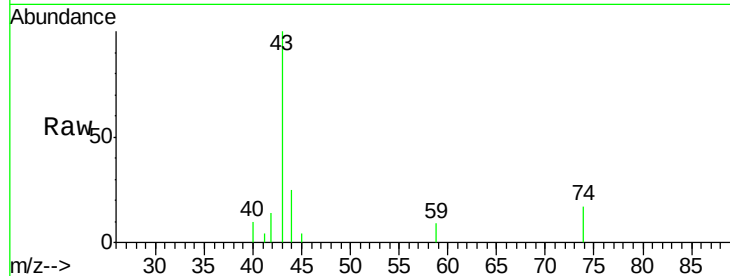




#18
Methyl Acetate
Concen: 2.749 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058071.D
Acq: 14 Sep 2019 12:34

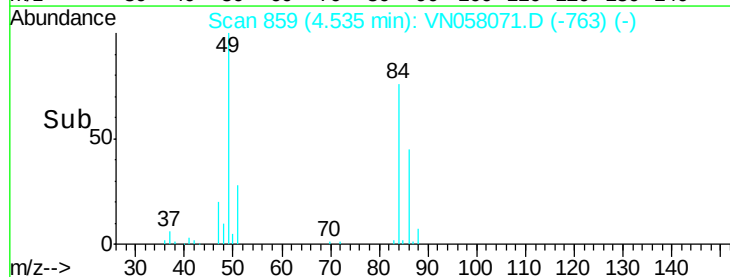
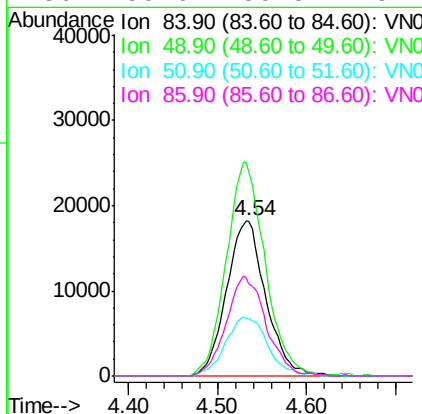
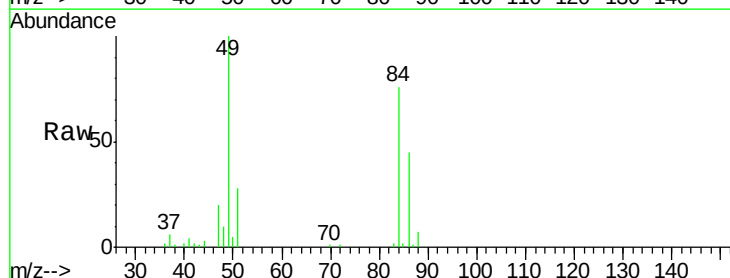
Instrument :
MSVOA_N
ClientSampled :
COMP-28

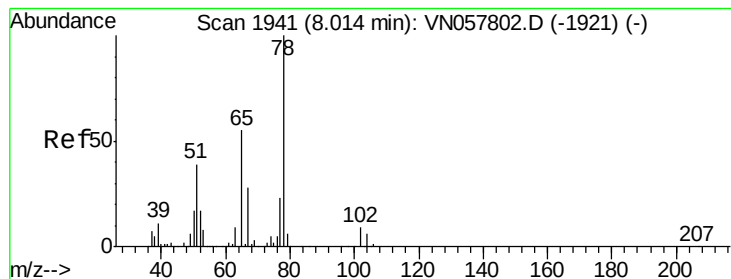
Tot Ion: 43 Resp: 15794
Ion Ratio Lower Upper
43 100
74 19.1 17.9 26.9



#20
Methylene Chloride
Concen: 12.624 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN058071.D
Acq: 14 Sep 2019 12:34

Tgt Ion: 84 Resp: 55559
Ion Ratio Lower Upper
84 100
49 132.4 104.8 157.2
51 36.9 33.0 49.4
86 59.6 50.5 75.7





#33

1,2-Dichloroethane-d4

Concen: 57.819 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

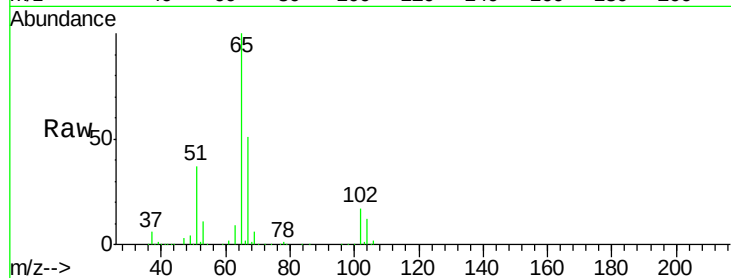
COMP-28

Tot Ion: 65 Resp: 380055

Ion Ratio Lower Upper

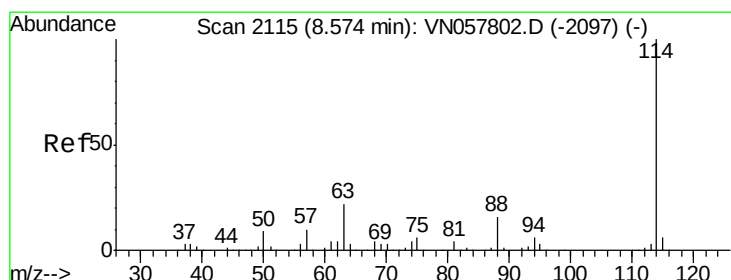
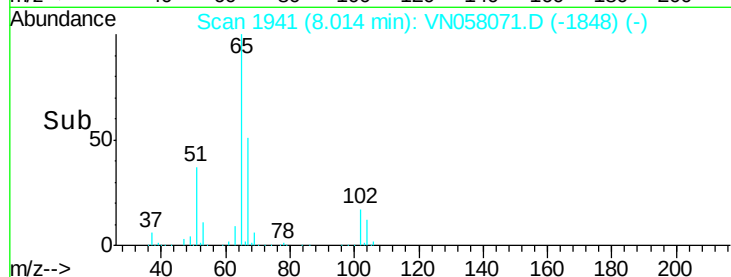
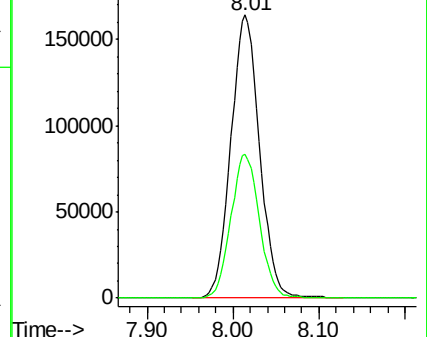
65 100

67 50.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN058071.D (-1848) (-)

Ion 66.90 (66.60 to 67.60): VN058071.D (-1848) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

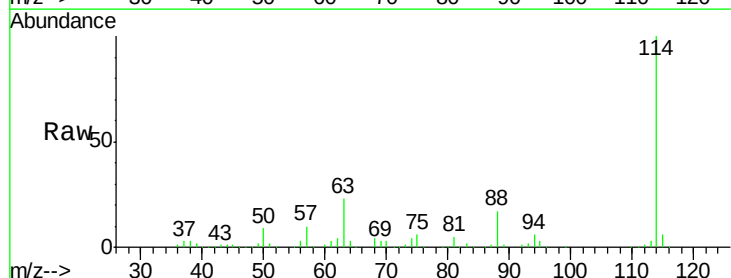
Tgt Ion: 114 Resp: 565834

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.0

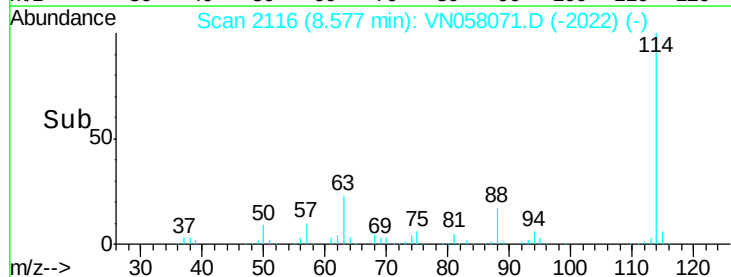
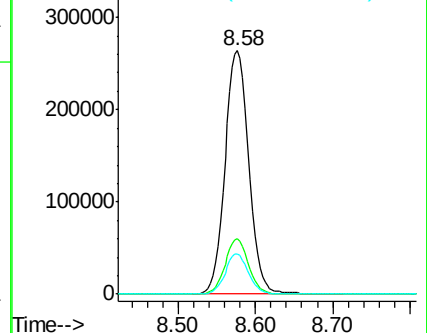
88 16.6 0.0 31.4

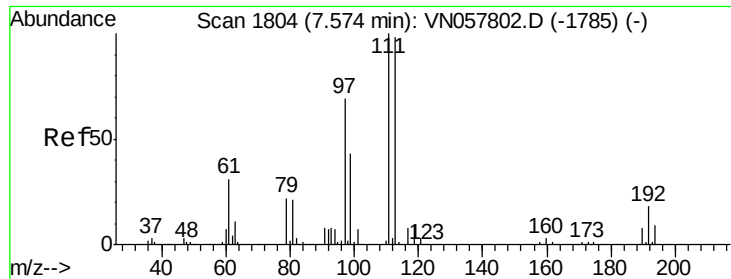


Abundance Ion 113.90 (113.60 to 114.60): VN058071.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN058071.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN058071.D (-2022) (-)

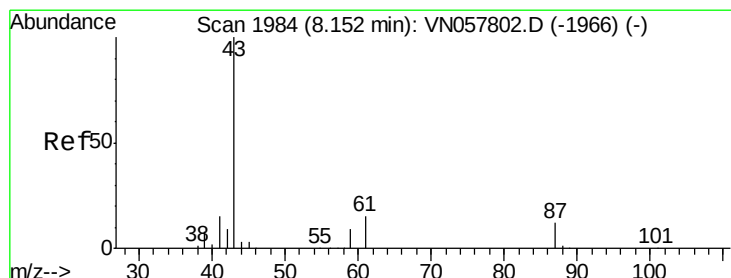
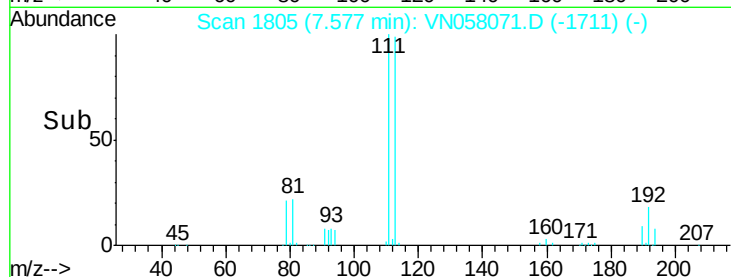
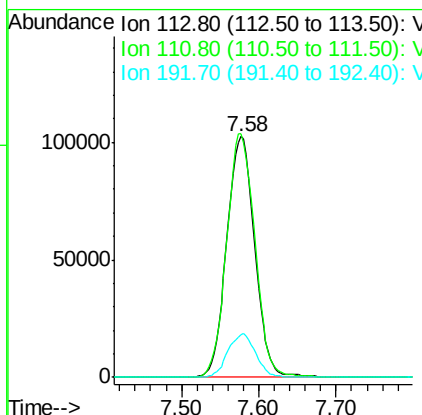
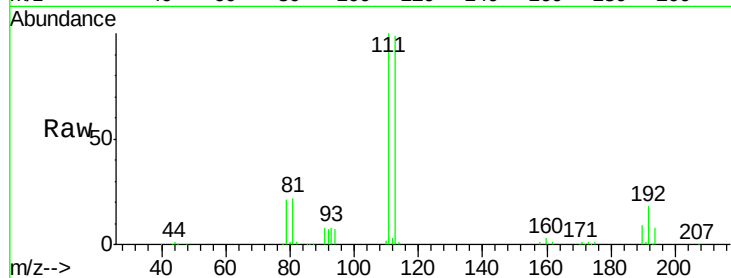




#35
 Dibromofluoromethane
 Concen: 49.204 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058071.D
 Acq: 14 Sep 2019 12:34

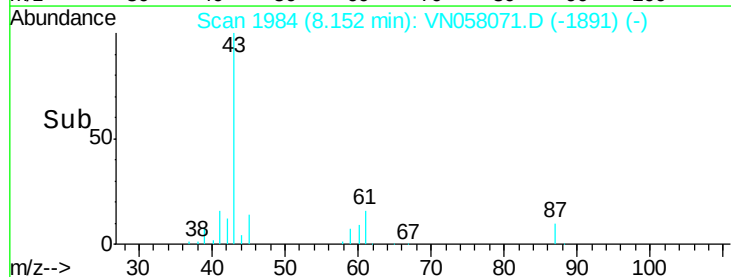
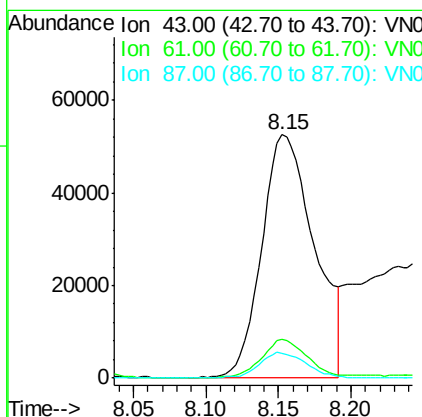
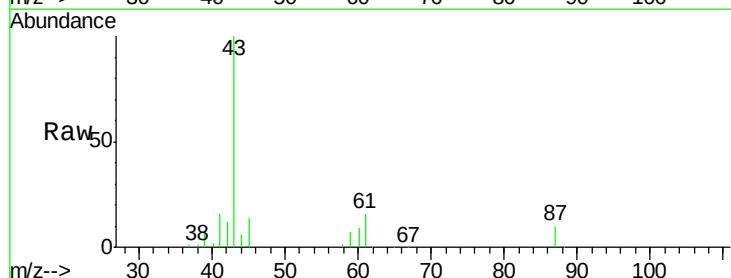
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-28

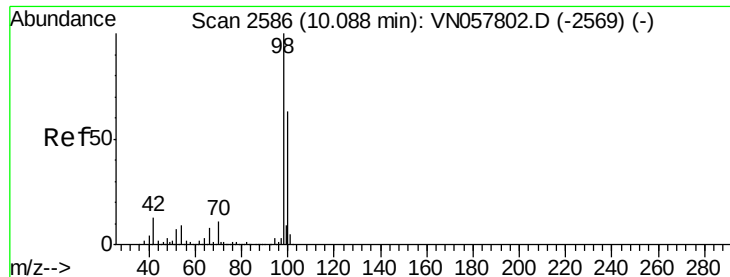
Tot Ion:113 Resp: 256966
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.3 121.9
 192 18.0 14.6 22.0



#43
 Isopropyl Acetate
 Concen: 11.592 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN058071.D
 Acq: 14 Sep 2019 12:34

Tgt Ion: 43 Resp: 132172
 Ion Ratio Lower Upper
 43 100
 61 14.2 20.1 30.1#
 87 9.5 9.5 14.3#





#50

Toluene-d8

Concen: 50.872 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

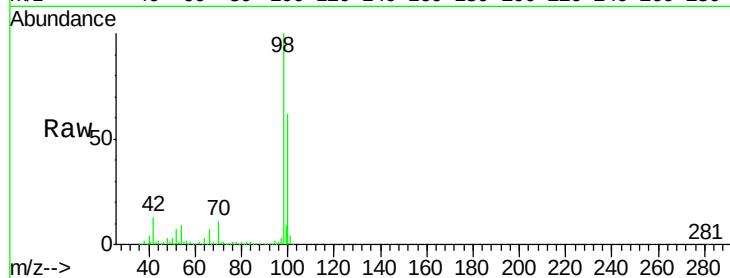
COMP-28

Tot Ion: 98 Resp: 1031485

Ion Ratio Lower Upper

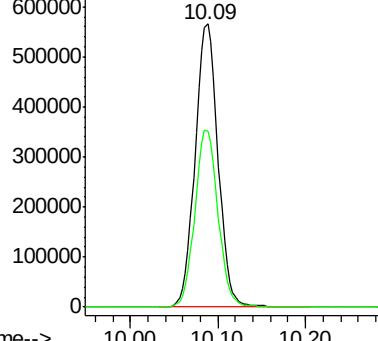
98 100

100 63.2 50.3 75.5

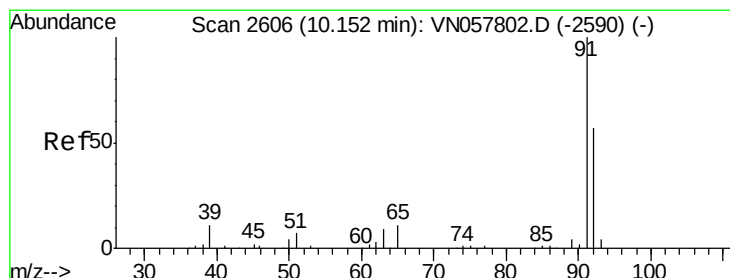
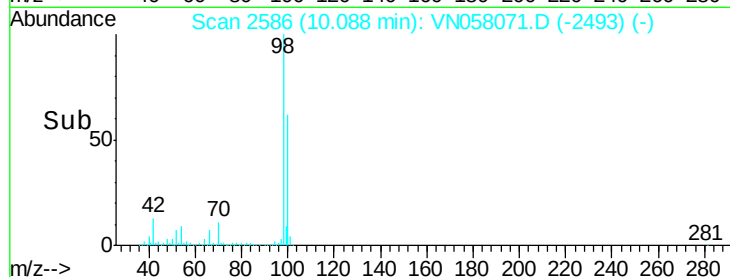


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#52

Toluene

Concen: 1.139 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058071.D

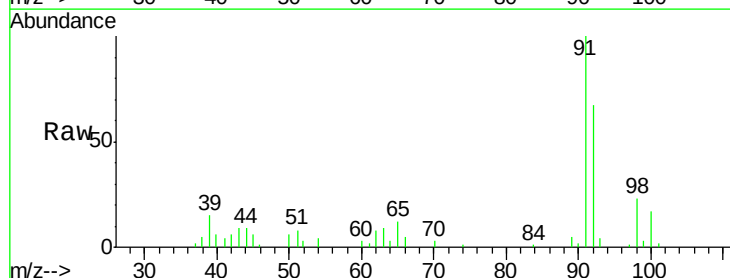
Acq: 14 Sep 2019 12:34

Tgt Ion: 92 Resp: 14168

Ion Ratio Lower Upper

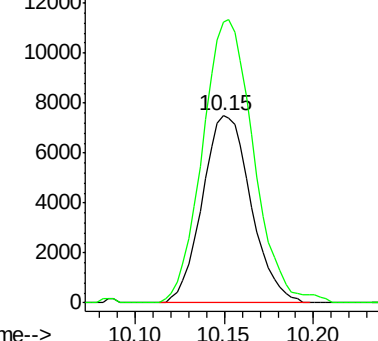
92 100

91 159.5 141.0 211.6

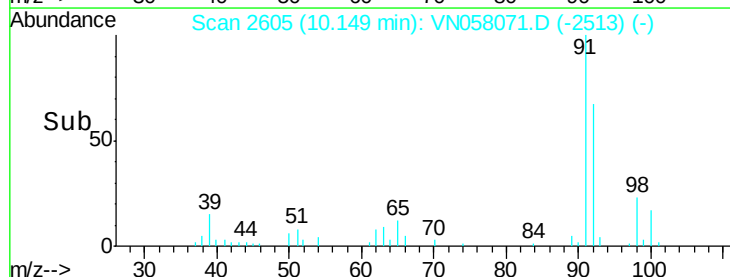


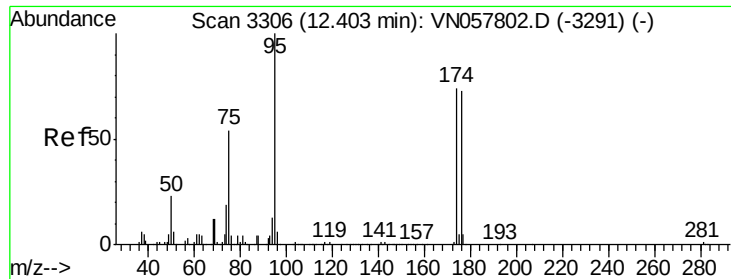
Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



Time-->





#62

4-Bromofluorobenzene

Concen: 44.140 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

ClientSampled :

COMP-28

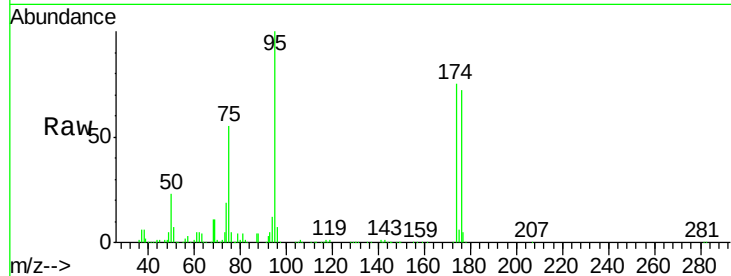
Tot Ion: 95 Resp: 341073

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

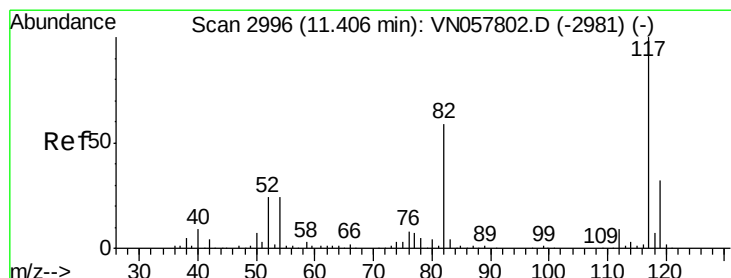
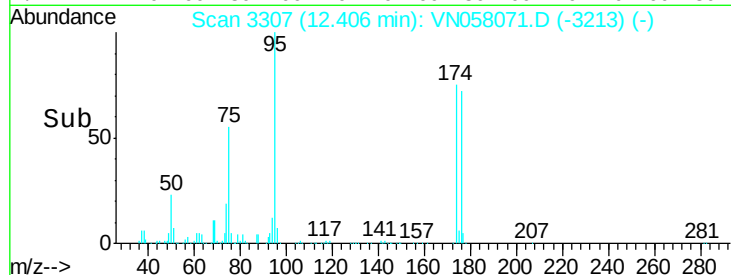
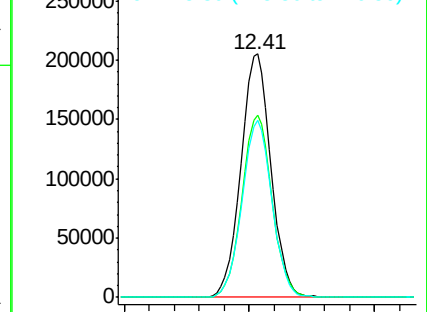
176 72.7 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

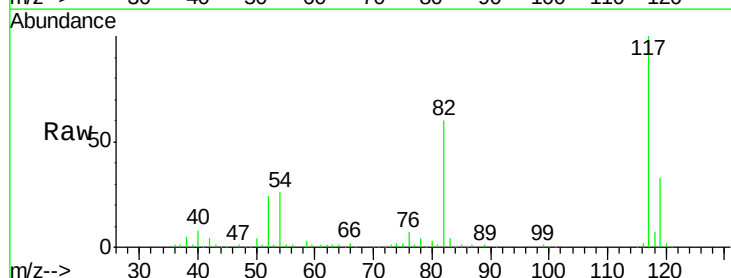
Tgt Ion: 117 Resp: 519339

Ion Ratio Lower Upper

117 100

82 59.7 47.2 70.8

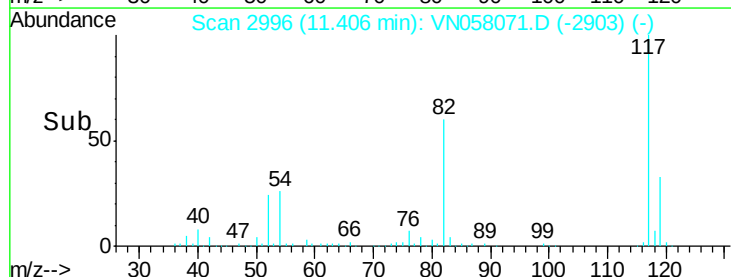
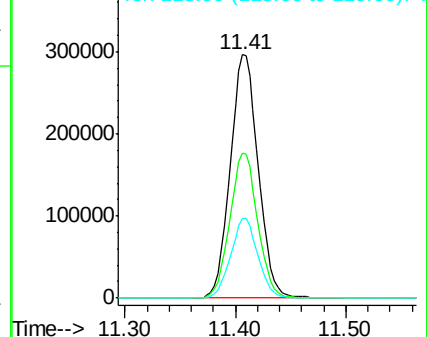
119 32.5 25.3 37.9

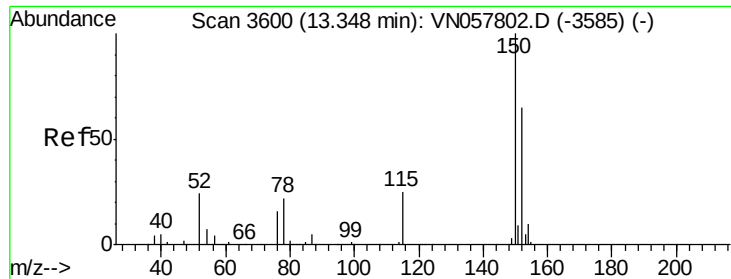


Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

COMP-28

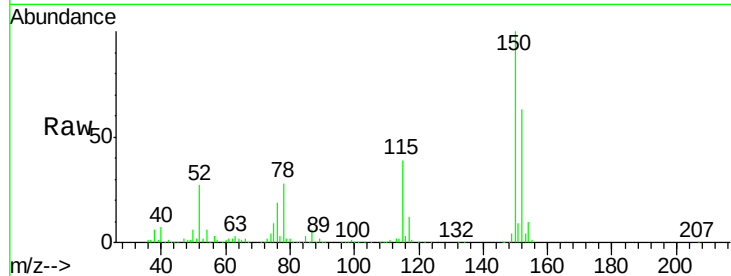
Tot Ion:152 Resp: 272625

Ion Ratio Lower Upper

152 100

115 62.1 30.3 91.0

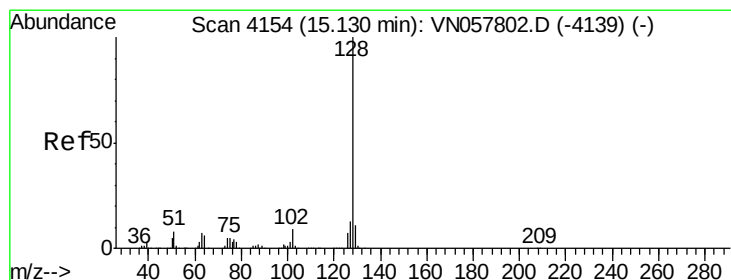
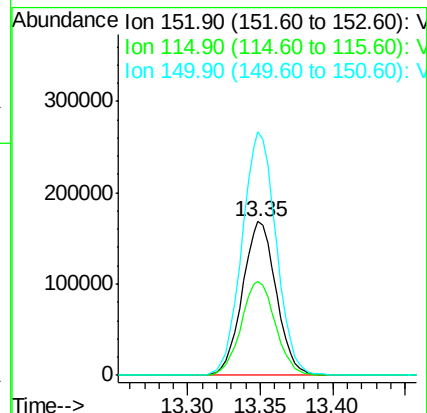
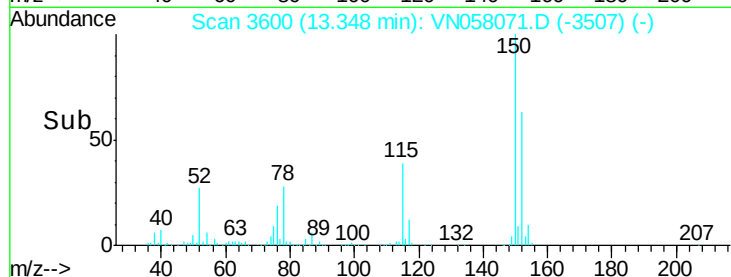
150 160.3 0.0 352.4



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: 13.457 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

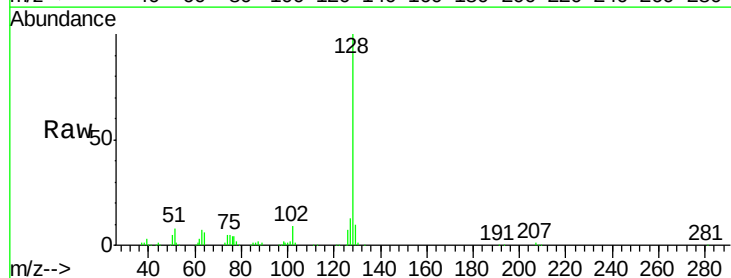
Tgt Ion:128 Resp: 233093

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.9 8.6 12.8



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

