

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049994.D
 Acq On : 21 Jul 2018 6:58
 Operator : MD\SY
 Sample : J4062-36
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11

Quant Time: Jul 23 01:08:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	535586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	922350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	764017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	274334	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	391494	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
35) Dibromofluoromethane	7.59	113	346989	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
50) Toluene-d8	10.09	98	1218811	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
62) 4-Bromofluorobenzene	12.40	95	331219	34.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.18%	

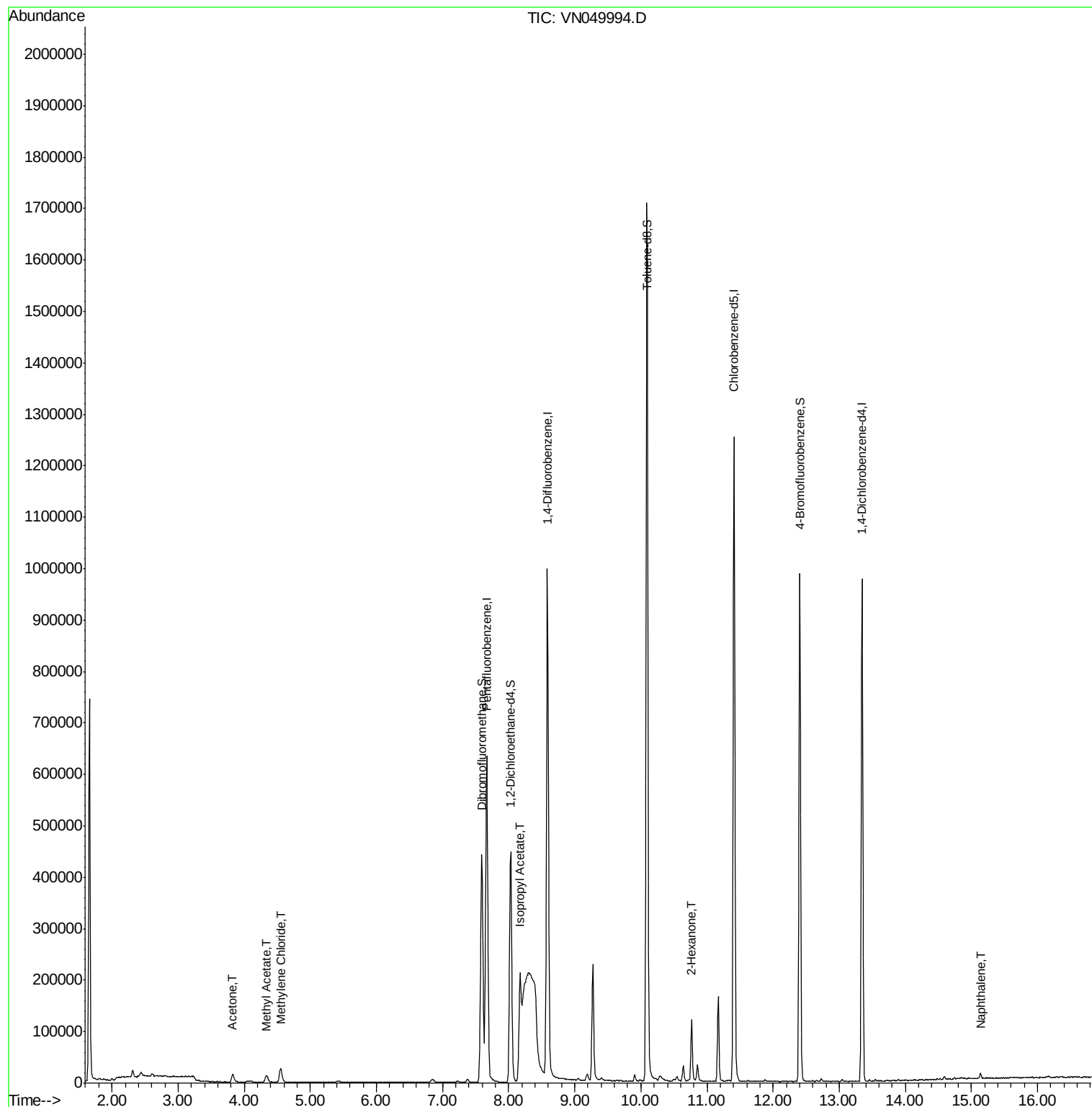
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	25702	13.49	ug/l	92
18) Methyl Acetate	4.34	43	26189	3.61	ug/l	99
20) Methylene Chloride	4.55	84	19696	2.72	ug/l	95
43) Isopropyl Acetate	8.17	43	270383	21.98	ug/l #	92
59) 2-Hexanone	10.77	43	15508	3.36	ug/l #	60
95) Naphthalene	15.14	128	9435	5.15	ug/l	99

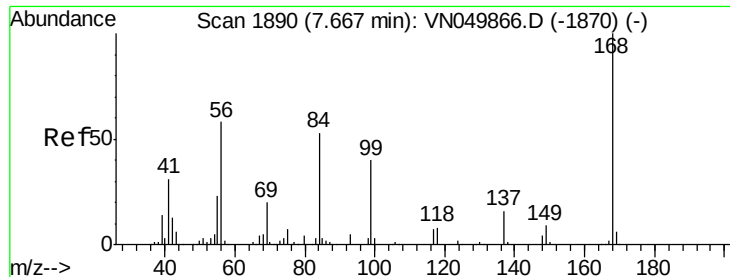
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049994.D

Acq: 21 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampleId :

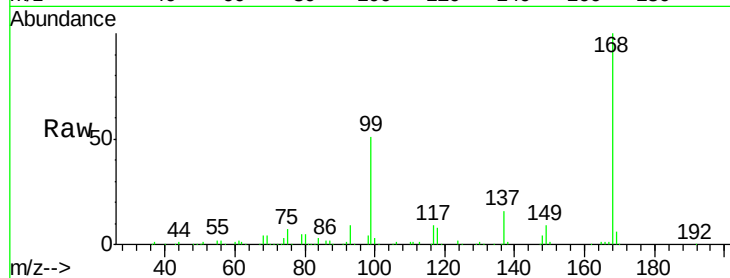
TP-11

Tot Ion:168 Resp: 535586

Ion Ratio Lower Upper

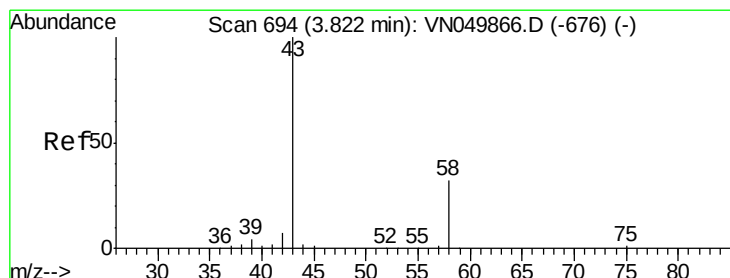
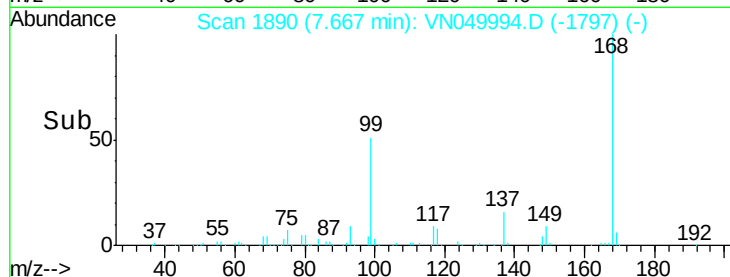
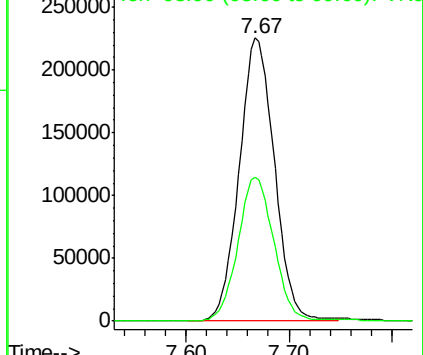
168 100

99 51.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 13.49 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049994.D

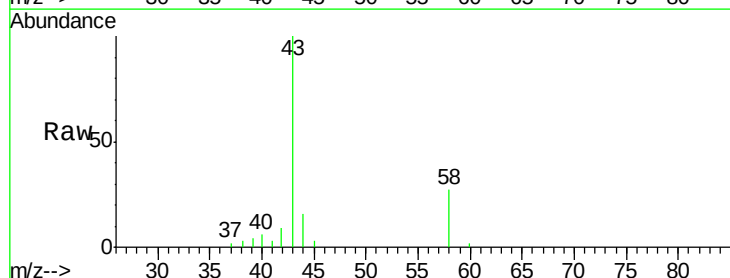
Acq: 21 Jul 2018 6:58

Tgt Ion: 43 Resp: 25702

Ion Ratio Lower Upper

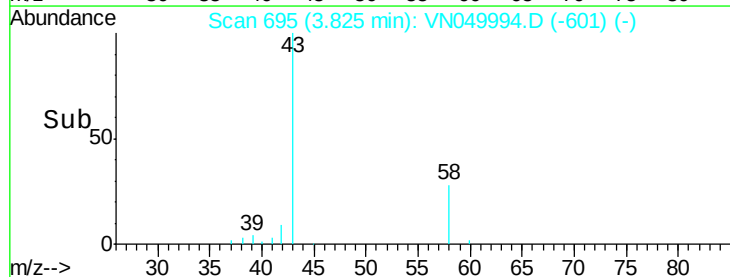
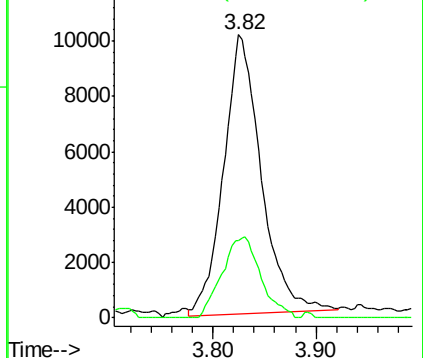
43 100

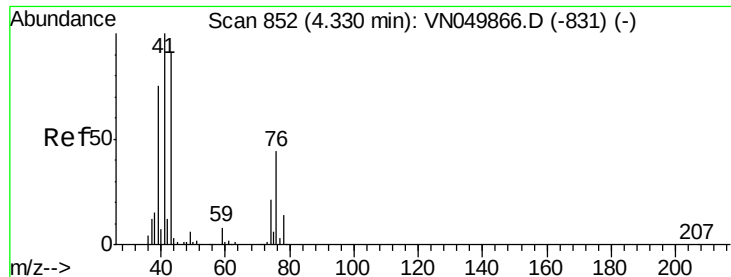
58 28.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

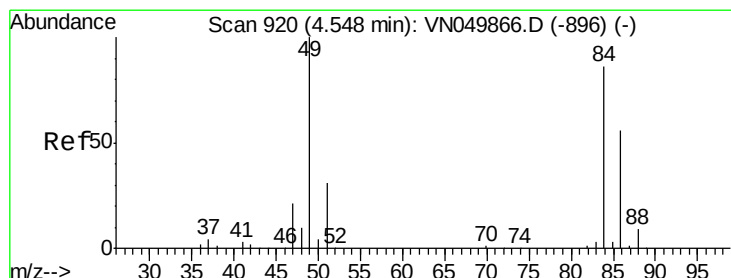
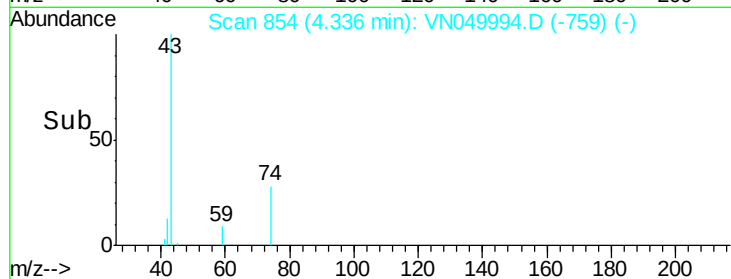
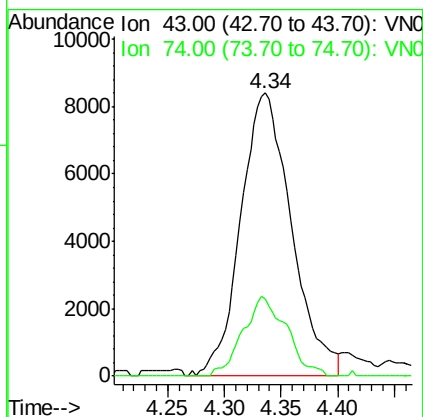
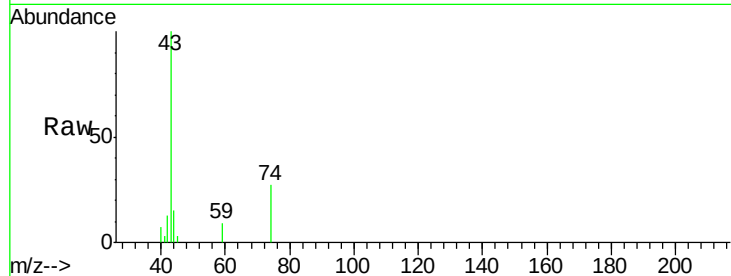




#18
Methvl Acetate
Concen: 3.61 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049994.D
Acq: 21 Jul 2018 6:58

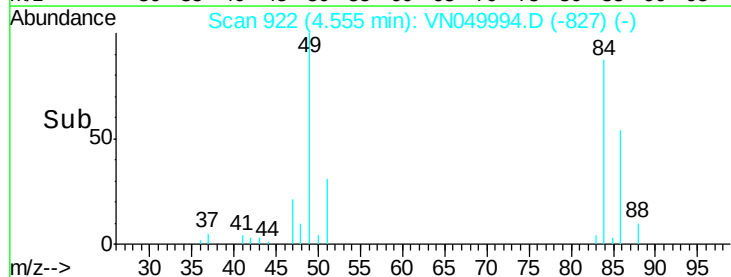
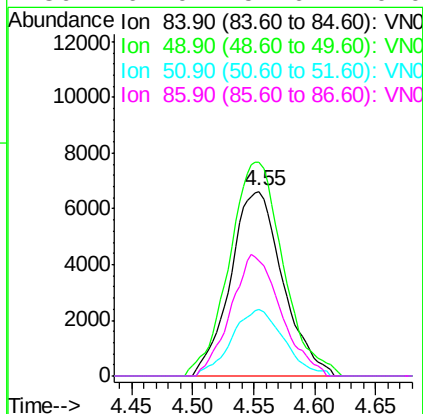
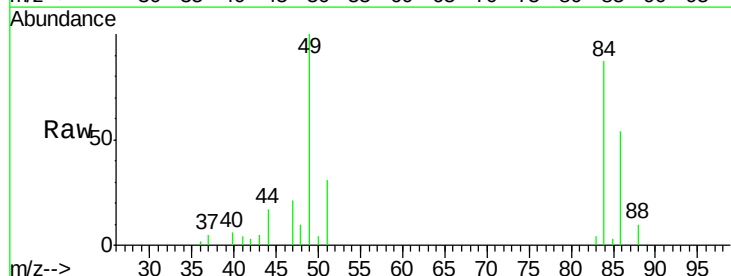
Instrument :
MSVOA_N
ClientSampleId :
TP-11

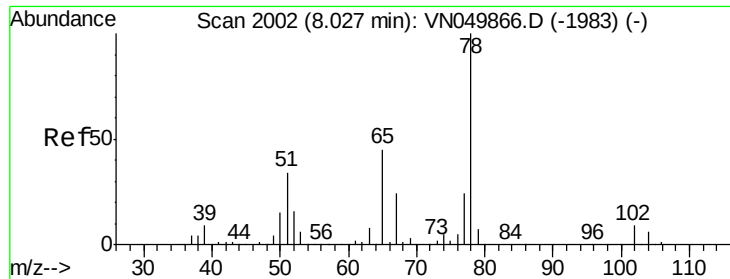
Tot Ion: 43 Resp: 26189
Ion Ratio Lower Upper
43 100
74 24.1 19.8 29.8



#20
Methylene Chloride
Concen: 2.72 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049994.D
Acq: 21 Jul 2018 6:58

Tgt Ion: 84 Resp: 19696
Ion Ratio Lower Upper
84 100
49 113.1 95.4 143.2
51 36.0 28.4 42.6
86 62.0 52.6 79.0

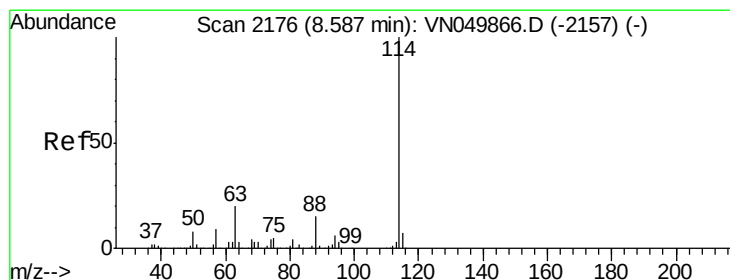
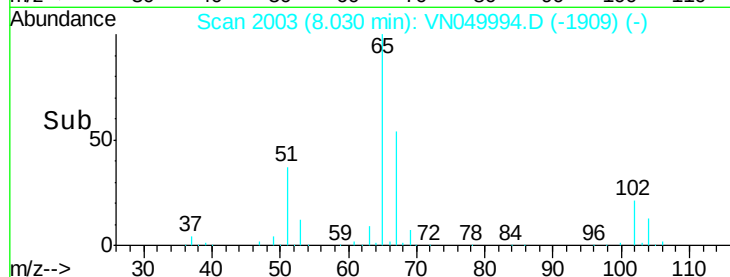
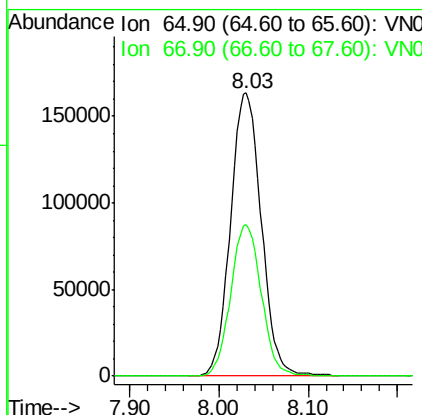
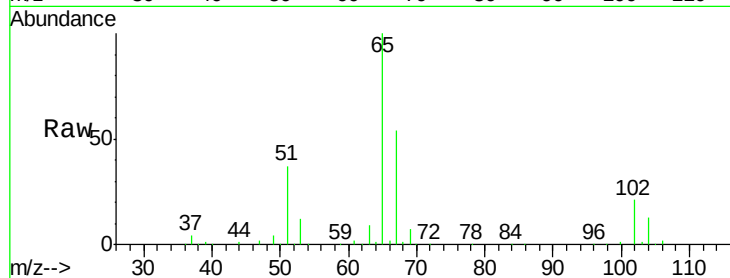




#33
 1,2-Dichloroethane-d4
 Concen: 53.18 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049994.D
 Acq: 21 Jul 2018 6:58

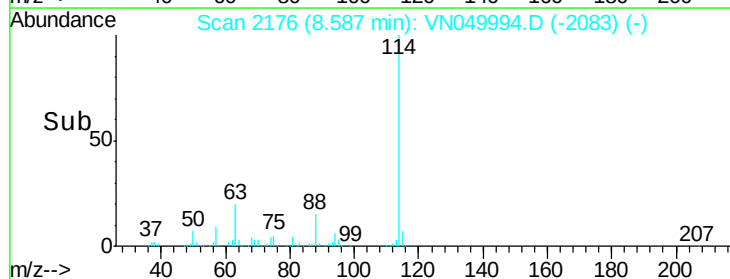
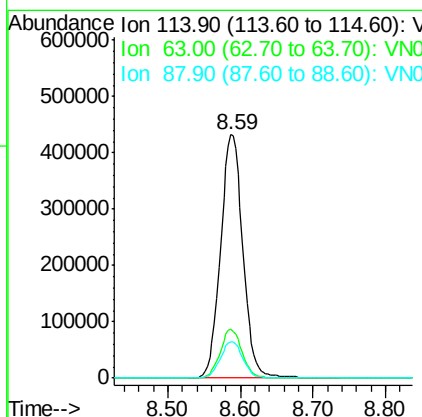
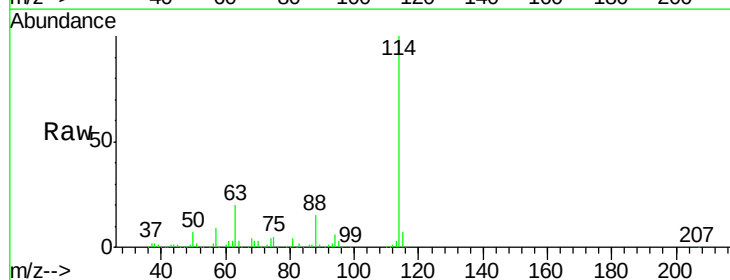
Instrument :
 MSVOA_N
 ClientSampled :
 TP-11

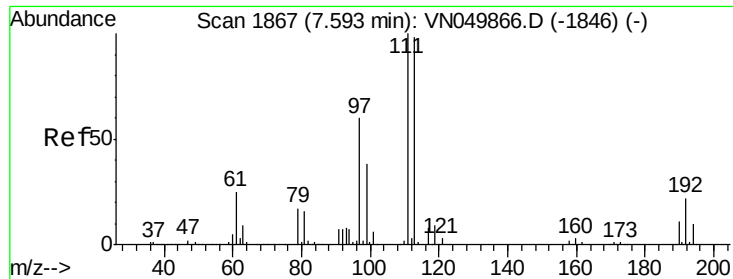
Tot Ion: 65 Resp: 391494
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049994.D
 Acq: 21 Jul 2018 6:58

Tgt Ion: 114 Resp: 922350
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.0 0.0 30.6

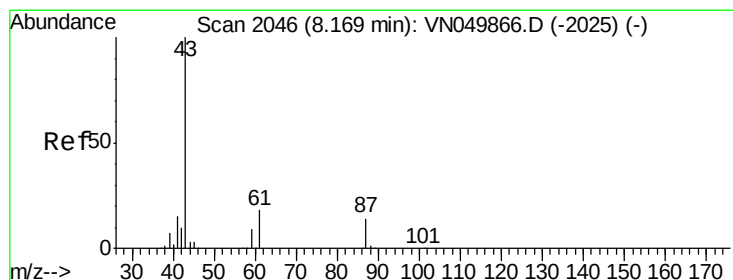
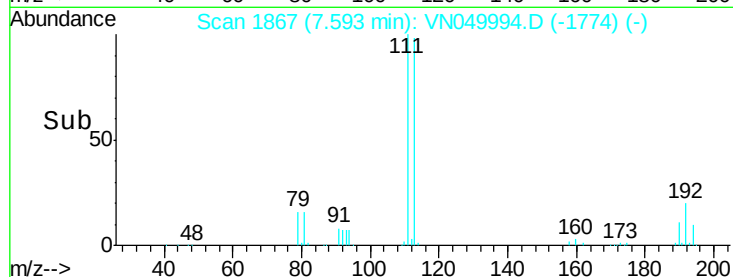
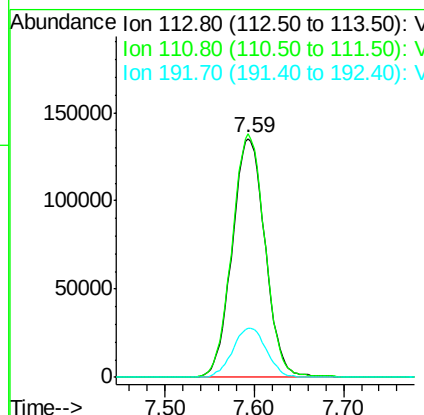
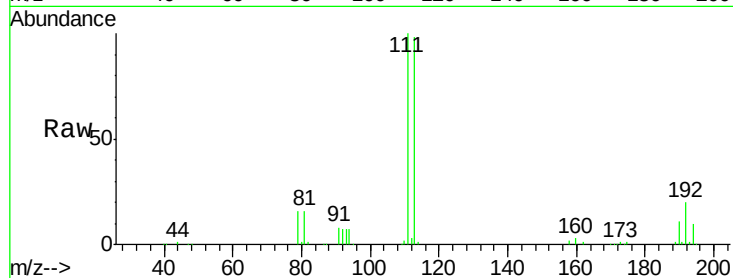




#35
 Dibromofluoromethane
 Concen: 44.81 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049994.D
 Acq: 21 Jul 2018 6:58

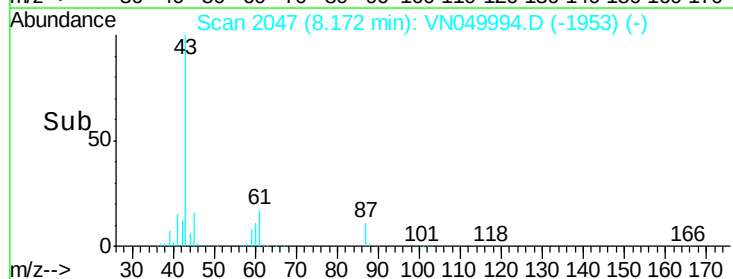
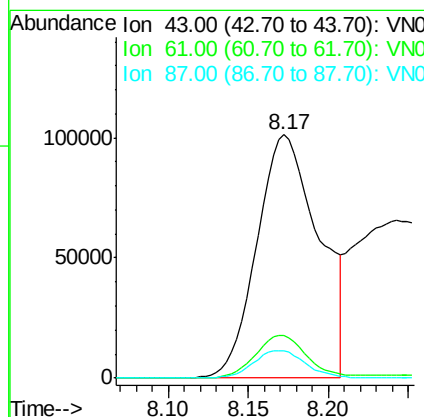
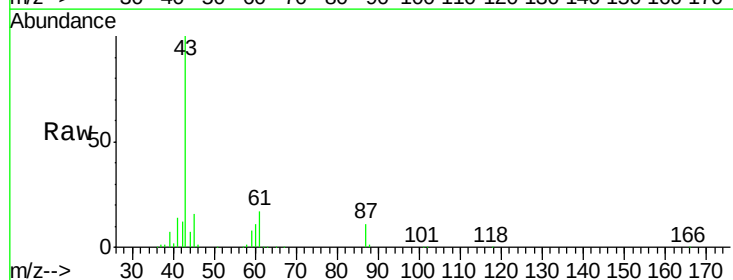
Instrument :
 MSVOA_N
 ClientSampled :
 TP-11

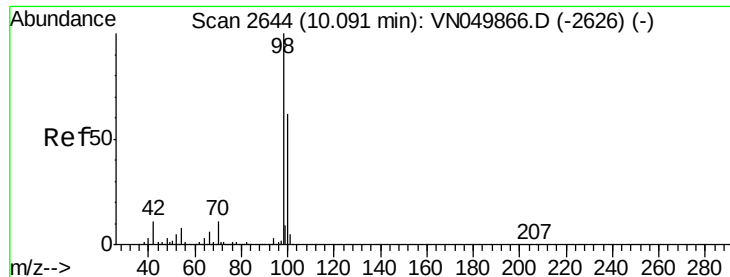
Tot Ion:113 Resp: 346989
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.8 122.8
 192 21.2 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 21.98 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049994.D
 Acq: 21 Jul 2018 6:58

Tgt Ion: 43 Resp: 270383
 Ion Ratio Lower Upper
 43 100
 61 14.9 14.9 22.3
 87 9.6 10.0 15.0#





#50

Toluene-d8

Concen: 43.20 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049994.D

Acq: 21 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampled :

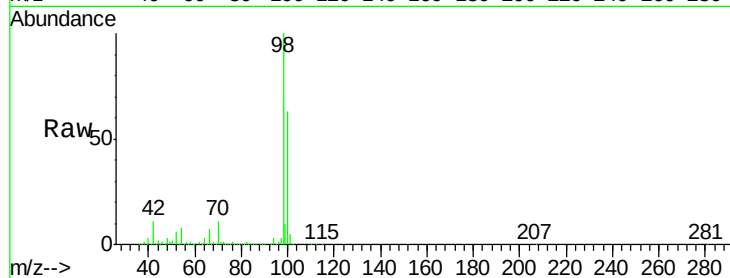
TP-11

Tot Ion: 98 Resp: 1218811

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049866.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049866.D (-2626) (-)

10.09

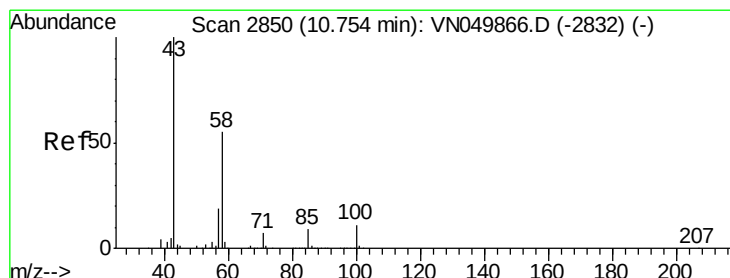
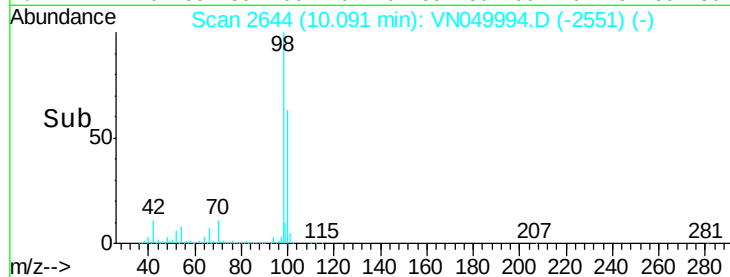
600000

400000

200000

0

Time-->



#59

2-Hexanone

Concen: 3.36 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049994.D

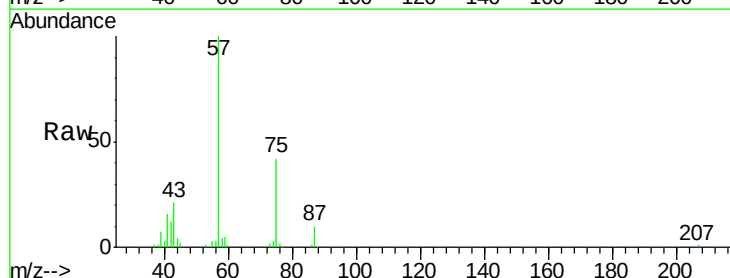
Acq: 21 Jul 2018 6:58

Tgt Ion: 43 Resp: 15508

Ion Ratio Lower Upper

43 100

58 26.3 27.8 83.4#



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-2832) (-)

Ion 58.00 (57.70 to 58.70): VN049866.D (-2832) (-)

10.77

12000

10000

8000

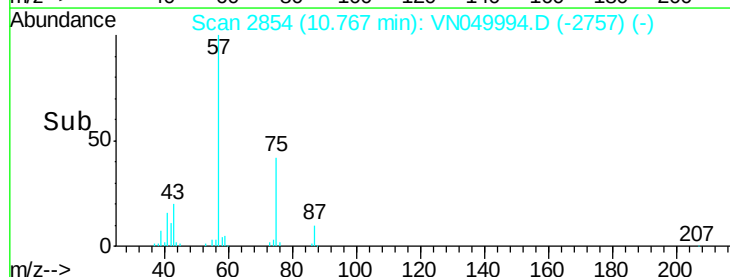
6000

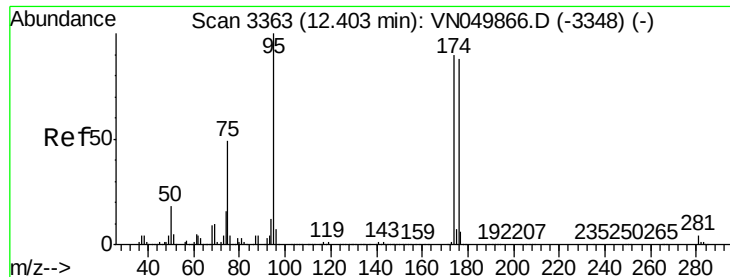
4000

2000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 34.09 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049994.D

Acq: 21 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampled :

TP-11

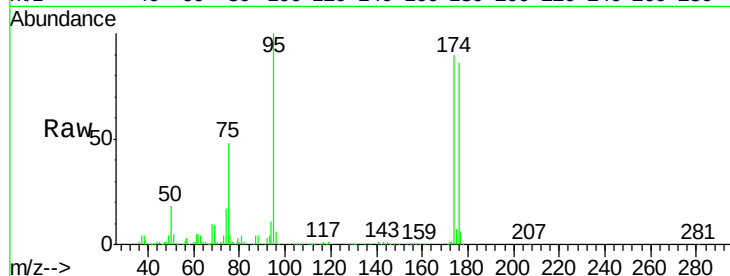
Tot Ion: 95 Resp: 331219

Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.6

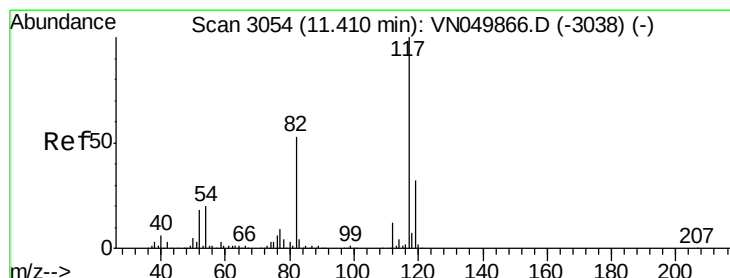
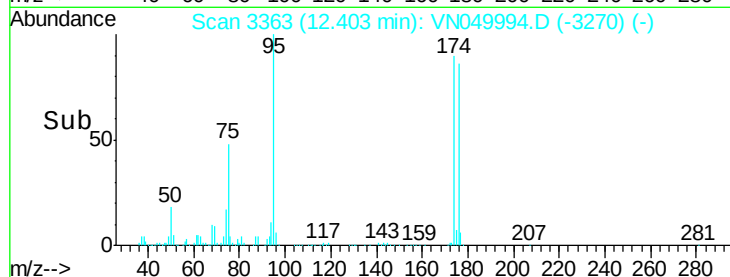
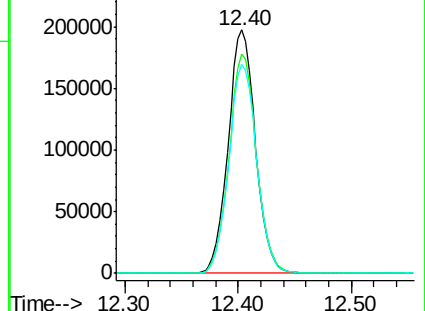
176 87.6 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049994.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049994.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049994.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049994.D

Acq: 21 Jul 2018 6:58

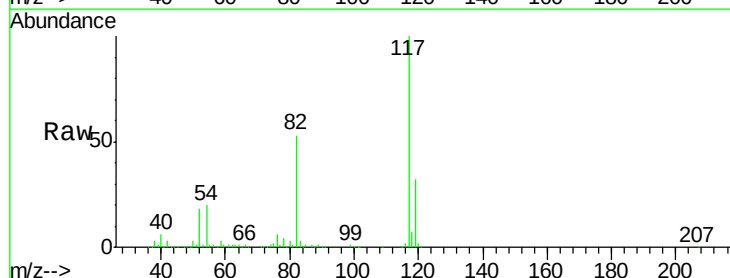
Tgt Ion: 117 Resp: 764017

Ion Ratio Lower Upper

117 100

82 52.6 41.9 62.9

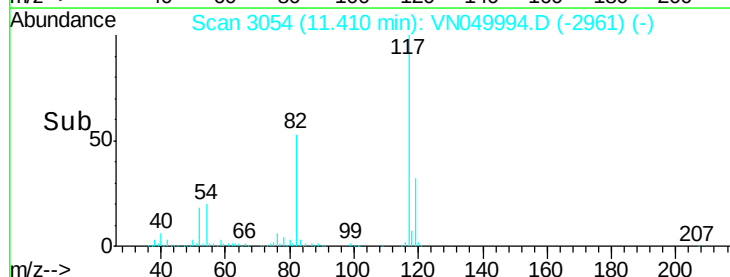
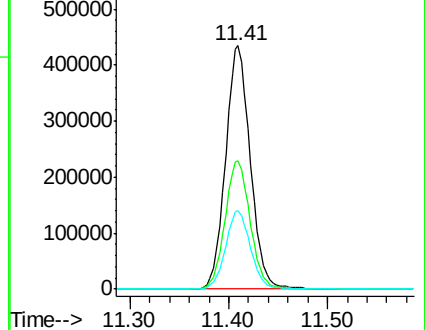
119 32.3 25.4 38.2

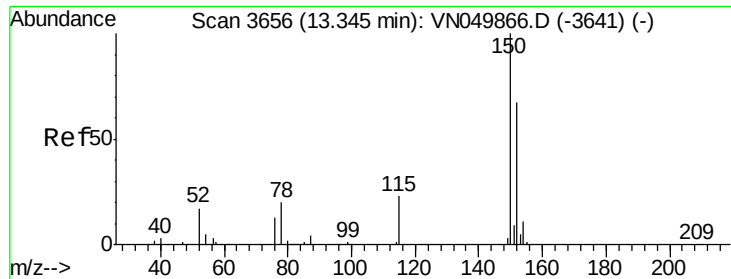


Abundance Ion 116.90 (116.60 to 117.60): VN049994.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049994.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049994.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049994.D

Acq: 21 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampleId :

TP-11

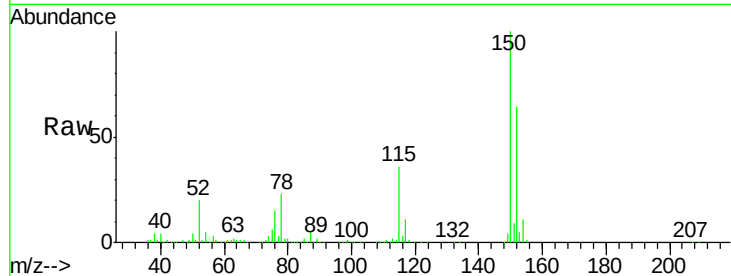
Tot Ion:152 Resp: 274334

Ion Ratio Lower Upper

152 100

115 56.7 28.1 84.2

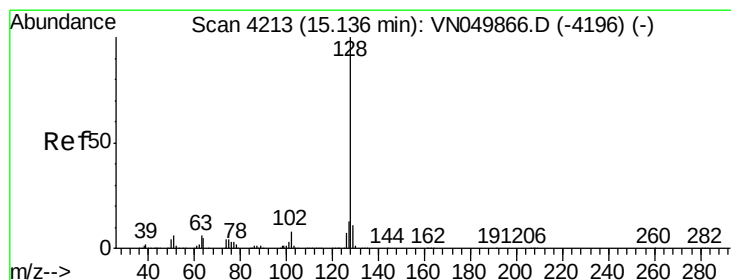
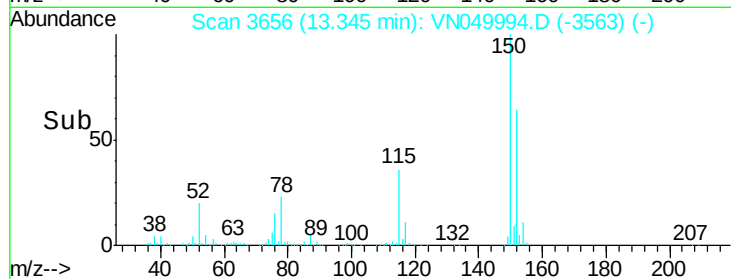
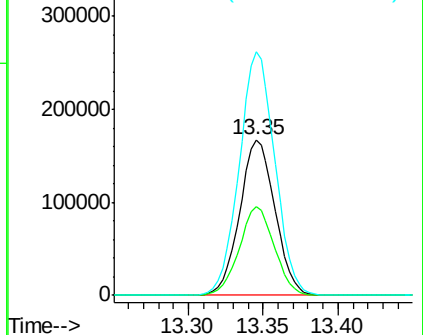
150 157.6 0.0 347.6



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: 5.15 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049994.D

Acq: 21 Jul 2018 6:58

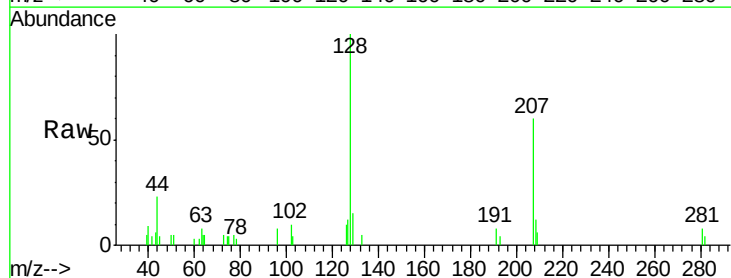
Tgt Ion:128 Resp: 9435

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 11.4 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

