

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051277.D
 Acq On : 17 Sep 2018 18:13
 Operator : MD\SY
 Sample : J4773-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-091418-B

Quant Time: Sep 19 10:02:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	427730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	629199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	520766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	148349	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	227609	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
35) Dibromofluoromethane	7.59	113	246387	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
50) Toluene-d8	10.09	98	844486	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
62) 4-Bromofluorobenzene	12.40	95	210789	36.67	ug/l	0.00
Spiked Amount			Recovery	=	73.34%	

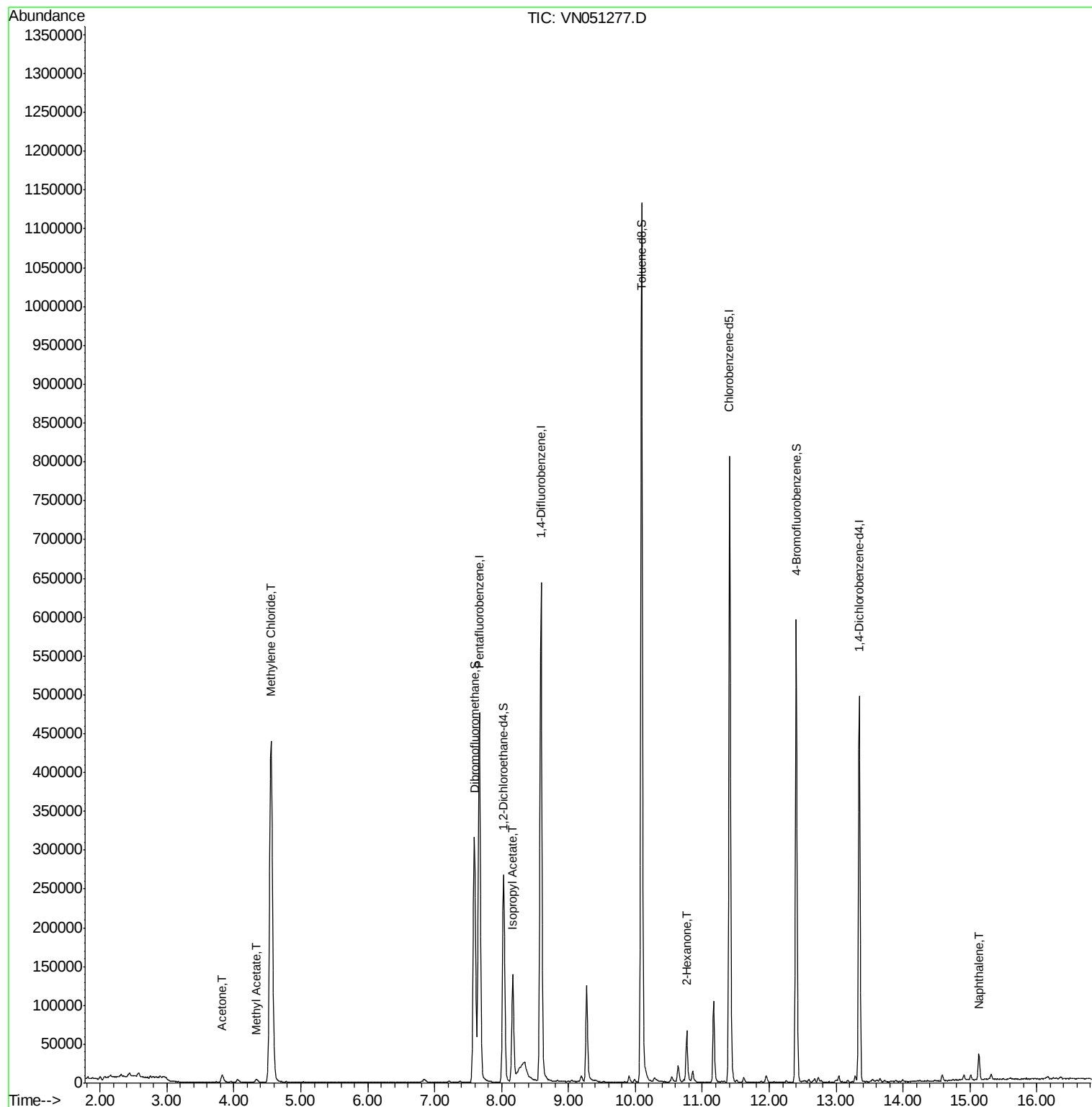
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	16101	5.90	ug/l	100
18) Methyl Acetate	4.34	43	7643	1.70	ug/l	91
20) Methylene Chloride	4.55	84	361310	71.01	ug/l	99
43) Isopropyl Acetate	8.17	43	158857	26.22	ug/l	99
59) 2-Hexanone	10.77	43	12179	5.92	ug/l	63
95) Naphthalene	15.13	128	30230	11.66	ug/l	98

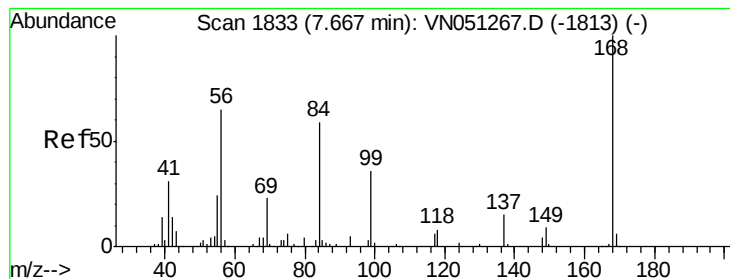
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1833

Delta R.T. -0.00 min

Lab File: VN051277.D

Acq: 17 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

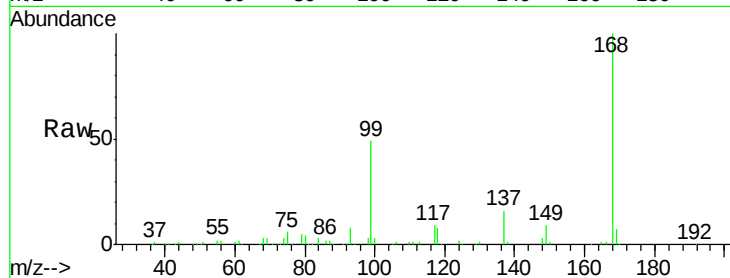
CL-01-091418-B

Tot Ion:168 Resp: 427730

Ion Ratio Lower Upper

168 100

99 48.9 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VN051277.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051277.D (-1740) (-)

7.67

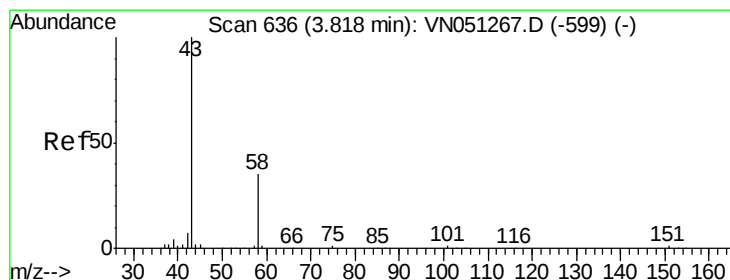
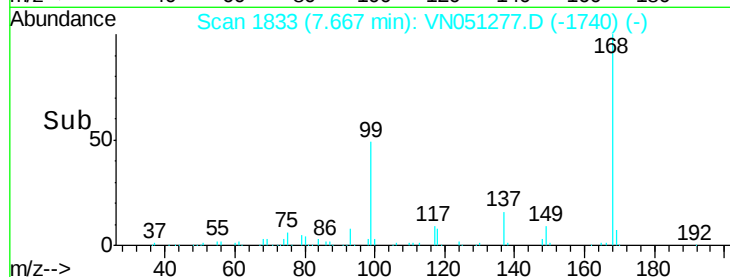
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.90 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051277.D

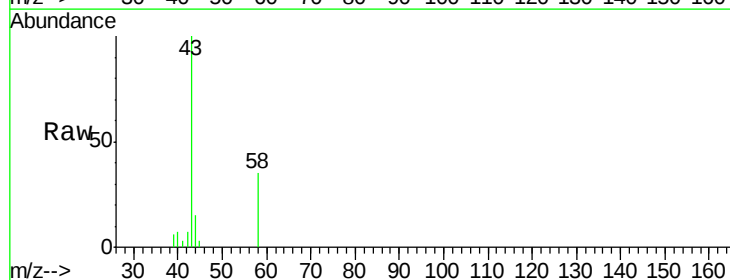
Acq: 17 Sep 2018 18:13

Tgt Ion: 43 Resp: 16101

Ion Ratio Lower Upper

43 100

58 35.0 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VN051277.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN051277.D (-543) (-)

3.83

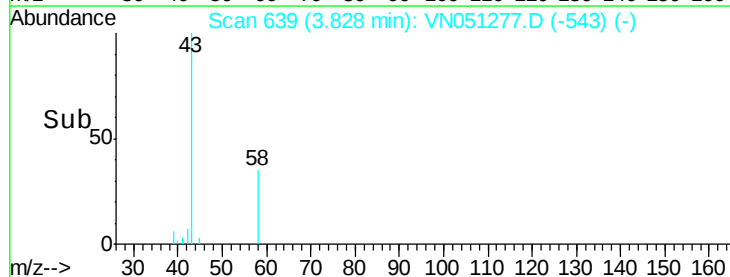
6000

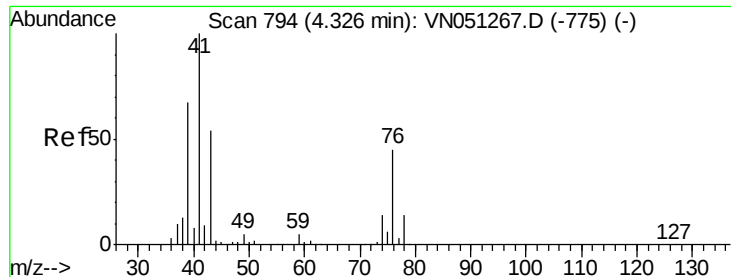
4000

2000

0

Time-->

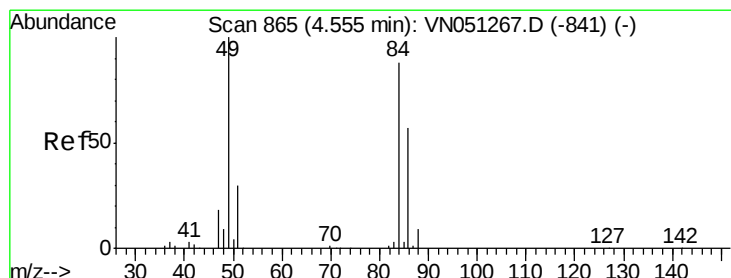
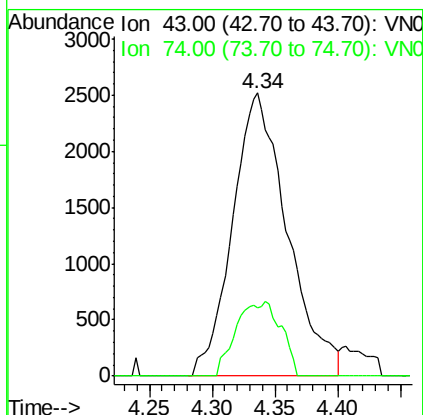
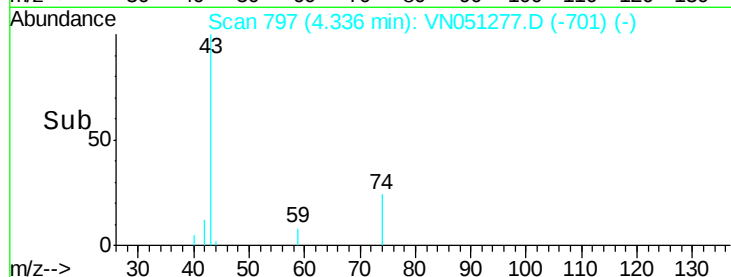
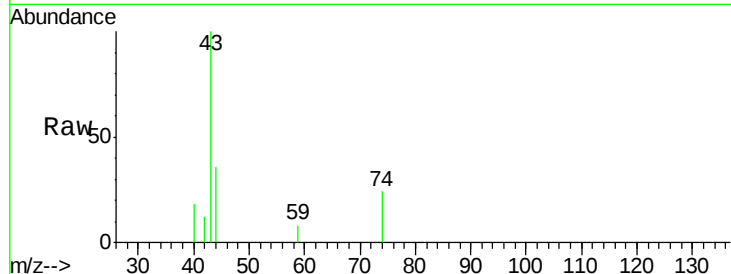




#18
Methyl Acetate
Concen: 1.70 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051277.D
Acq: 17 Sep 2018 18:13

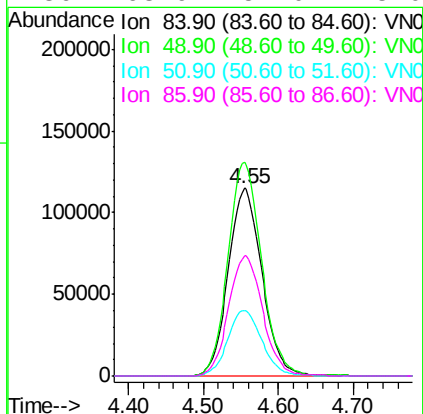
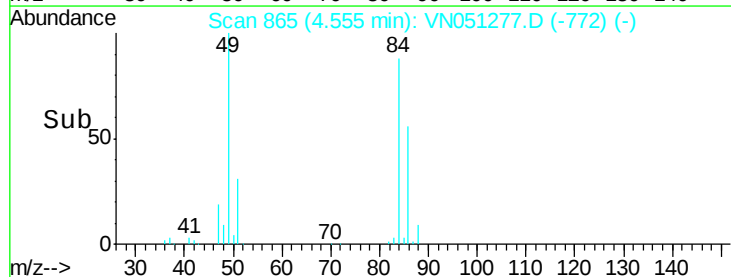
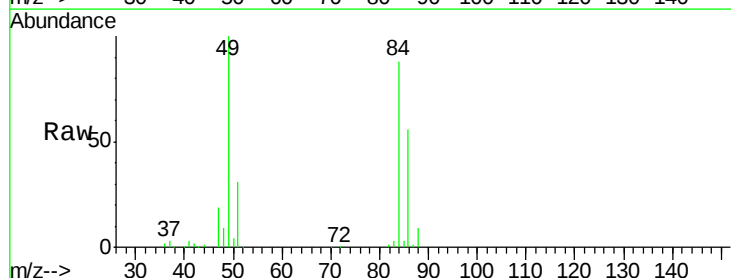
Instrument :
MSVOA_N
ClientSampleId :
CL-01-091418-B

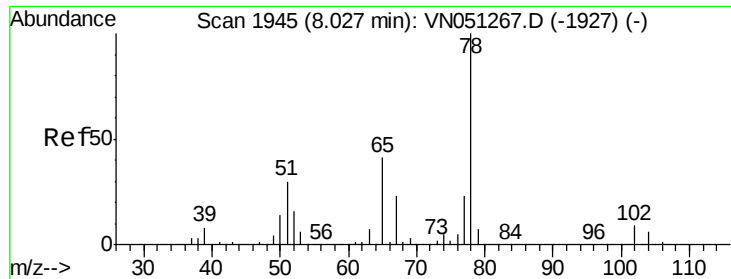
Tot Ion: 43 Resp: 7643
Ion Ratio Lower Upper
43 100
74 21.5 20.8 31.2



#20
Methylene Chloride
Concen: 71.01 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN051277.D
Acq: 17 Sep 2018 18:13

Tgt Ion: 84 Resp: 361310
Ion Ratio Lower Upper
84 100
49 113.8 91.2 136.8
51 34.9 27.7 41.5
86 63.9 52.0 78.0

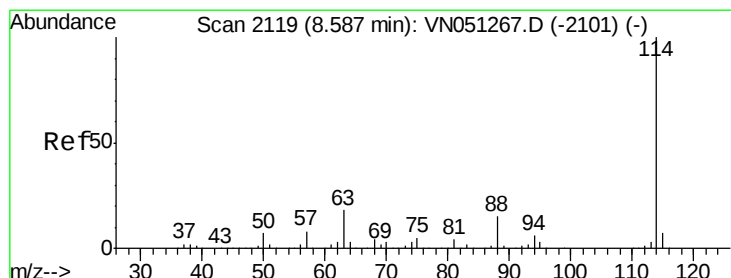
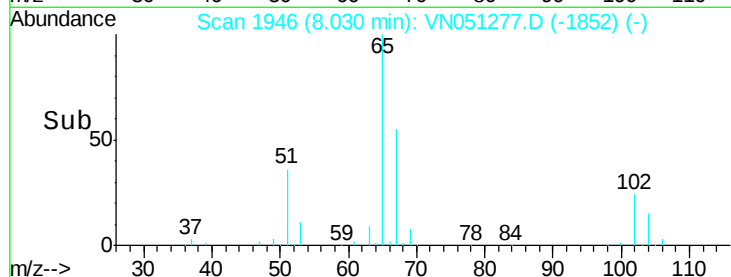
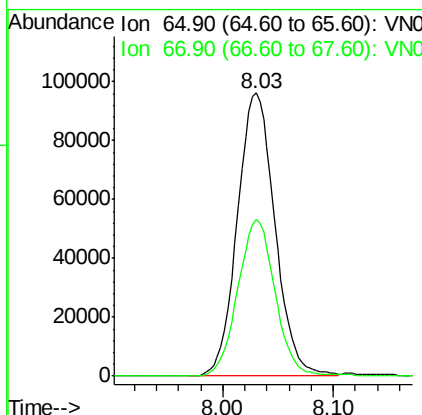
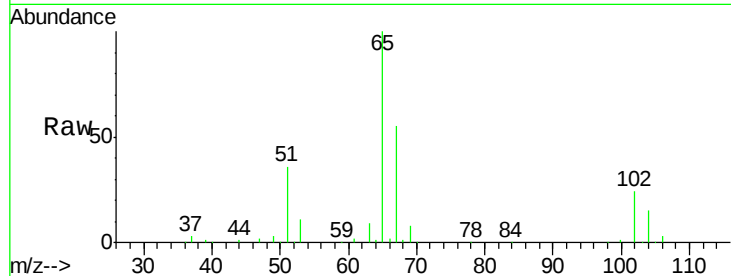




#33
 1,2-Dichloroethane-d4
 Concen: 48.96 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051277.D
 Acq: 17 Sep 2018 18:13

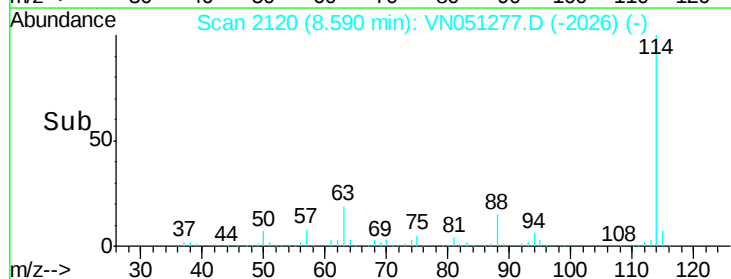
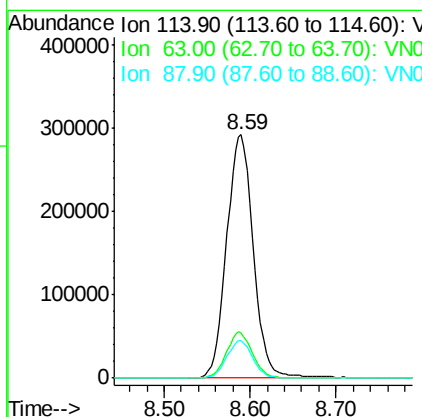
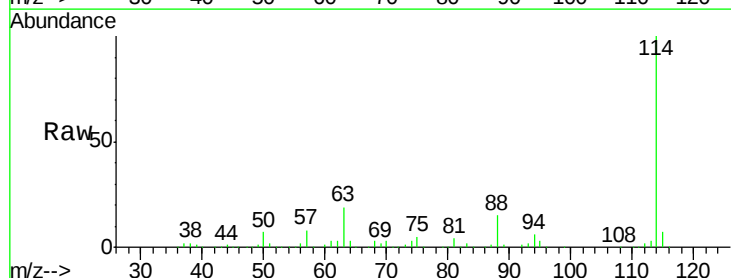
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-091418-B

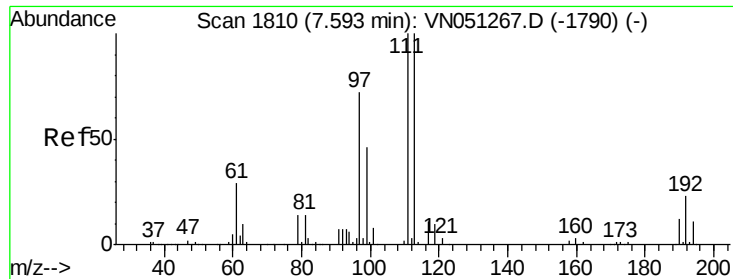
Tot Ion: 65 Resp: 227609
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051277.D
 Acq: 17 Sep 2018 18:13

Tgt Ion: 114 Resp: 629199
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.8
 88 15.5 0.0 30.8

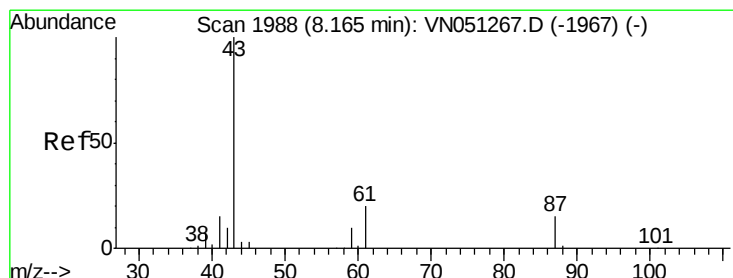
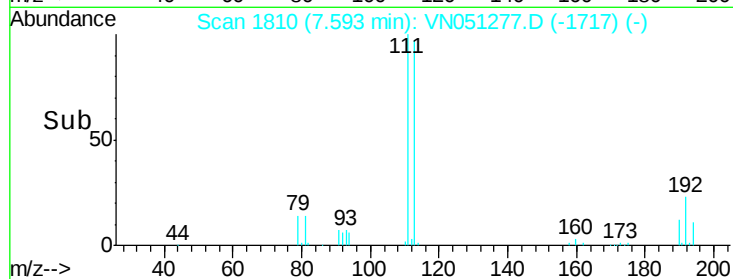
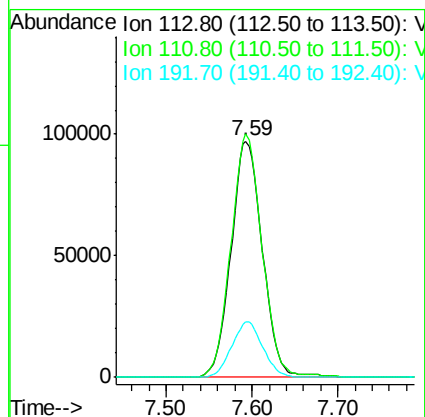
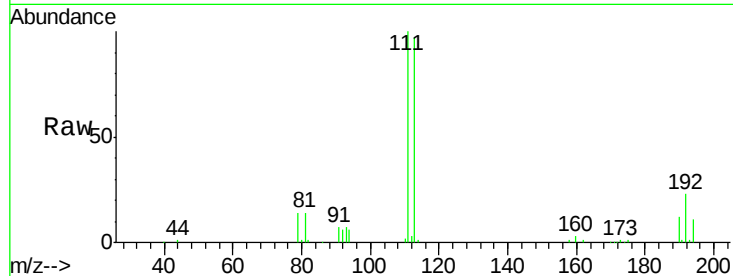




#35
Dibromofluoromethane
Concen: 50.39 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051277.D
Acq: 17 Sep 2018 18:13

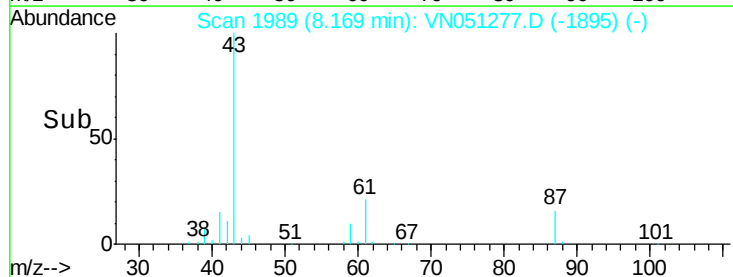
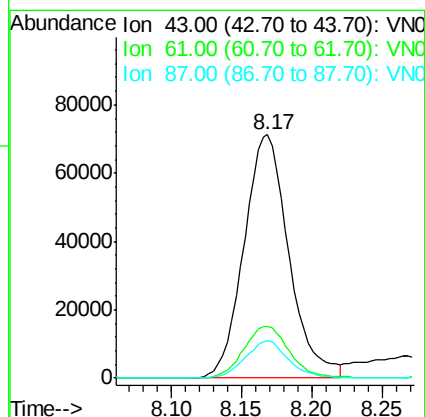
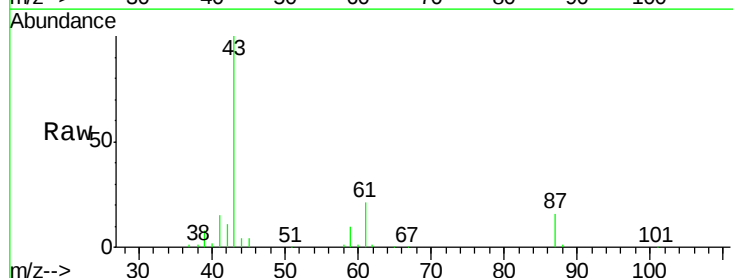
Instrument :
MSVOA_N
ClientSampleId :
CL-01-091418-B

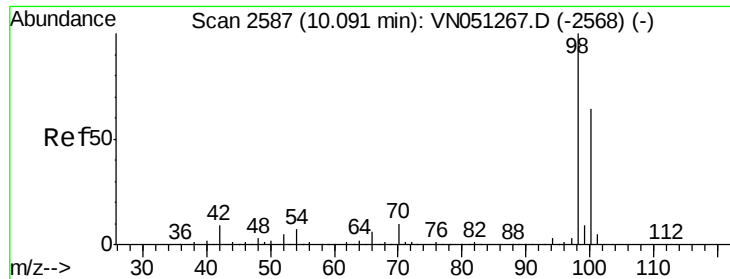
Tot Ion:113 Resp: 246387
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 23.4 19.0 28.6



#43
Isopropyl Acetate
Concen: 26.22 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051277.D
Acq: 17 Sep 2018 18:13

Tgt Ion: 43 Resp: 158857
Ion Ratio Lower Upper
43 100
61 21.7 17.4 26.2
87 14.8 12.2 18.4





#50

Toluene-d8

Concen: 46.73 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051277.D

Acq: 17 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

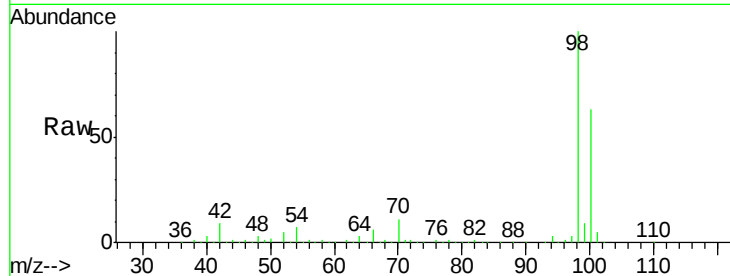
CL-01-091418-B

Tot Ion: 98 Resp: 844486

Ion Ratio Lower Upper

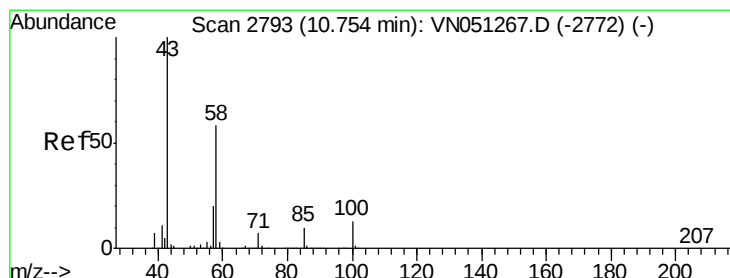
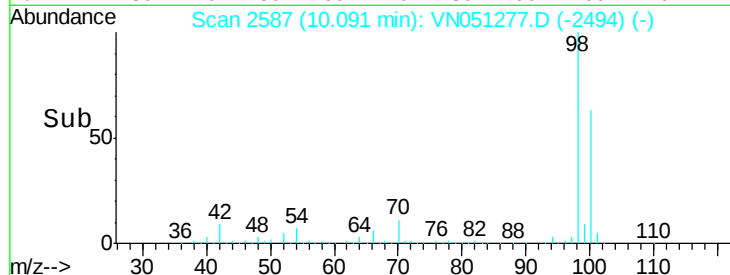
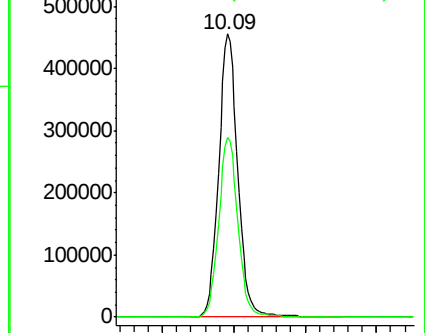
98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#59

2-Hexanone

Concen: 5.92 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN051277.D

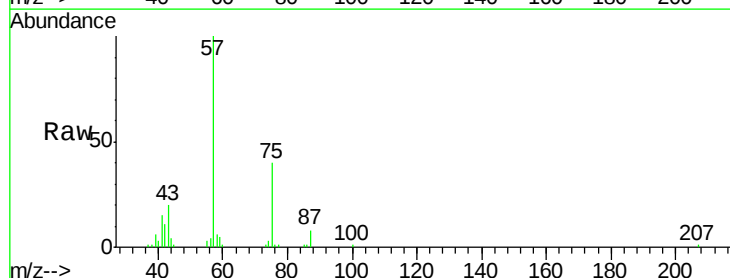
Acq: 17 Sep 2018 18:13

Tgt Ion: 43 Resp: 12179

Ion Ratio Lower Upper

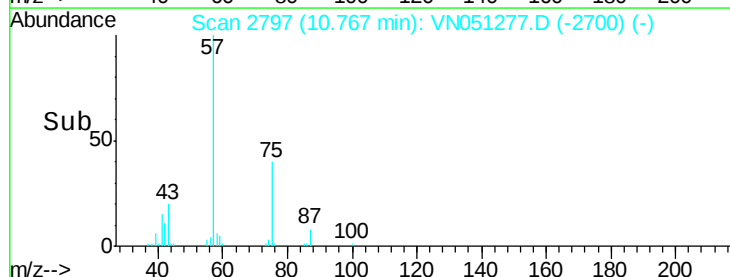
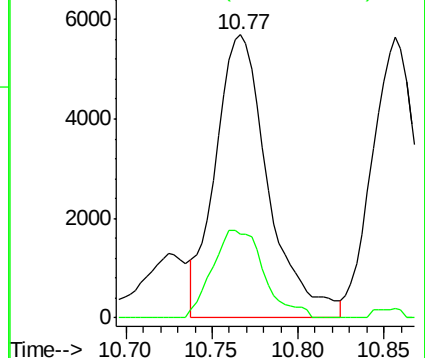
43 100

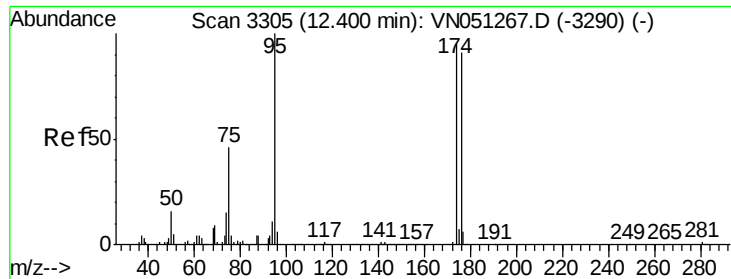
58 30.2 28.9 86.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.67 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051277.D

Acq: 17 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

CL-01-091418-B

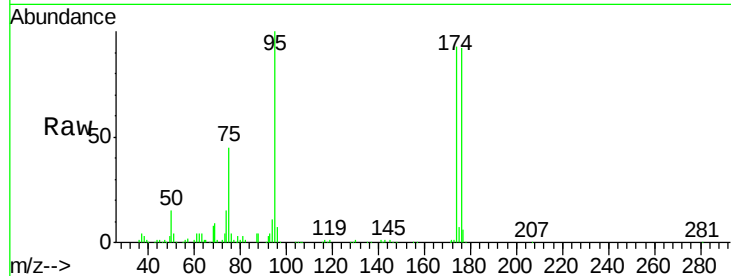
Tot Ion: 95 Resp: 210789

Ion Ratio Lower Upper

95 100

174 94.4 0.0 189.6

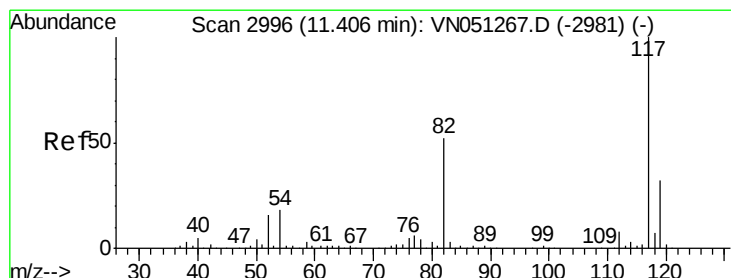
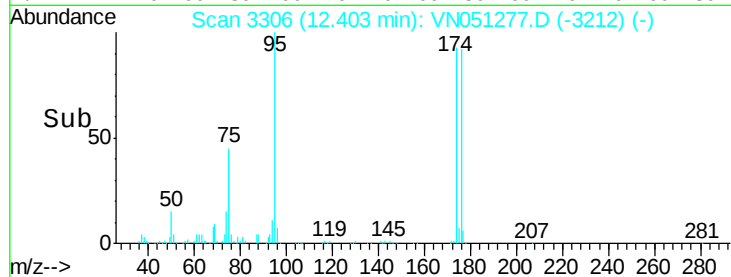
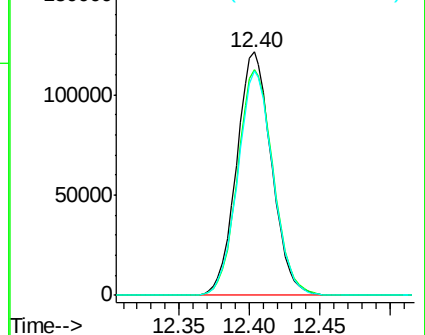
176 92.7 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN051267.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051267.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051267.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051277.D

Acq: 17 Sep 2018 18:13

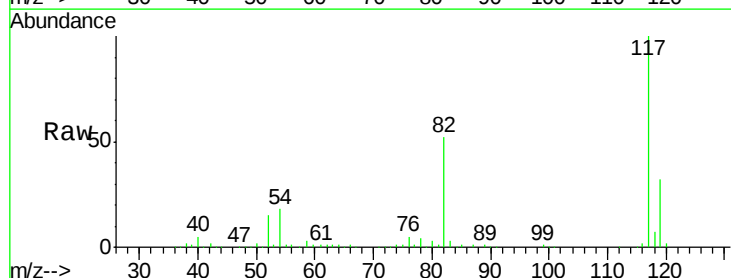
Tgt Ion: 117 Resp: 520766

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

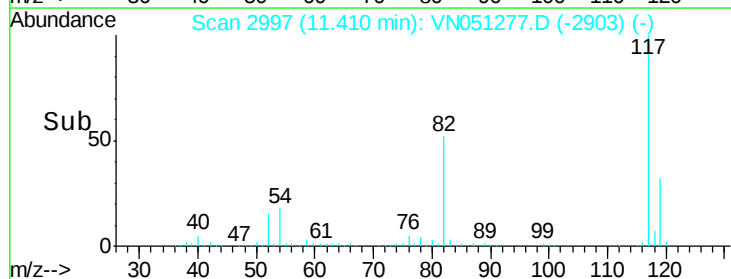
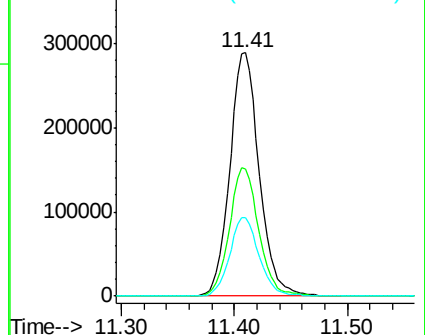
119 32.1 25.6 38.4

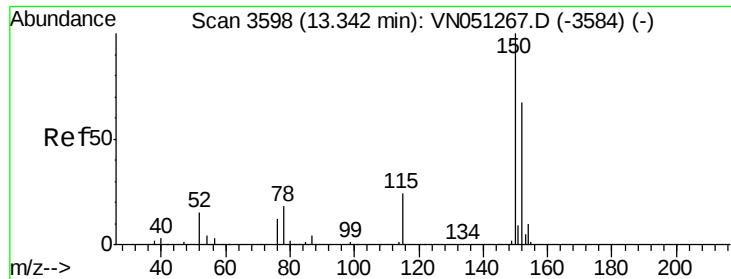


Abundance Ion 116.90 (116.60 to 117.60): VN051267.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051267.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051267.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051277.D

Acq: 17 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

CL-01-091418-B

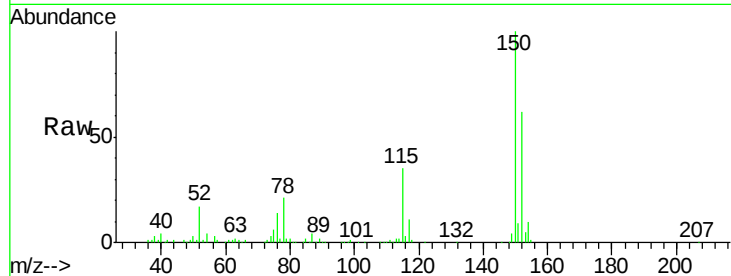
Tot Ion:152 Resp: 148349

Ion Ratio Lower Upper

152 100

115 55.3 27.1 81.2

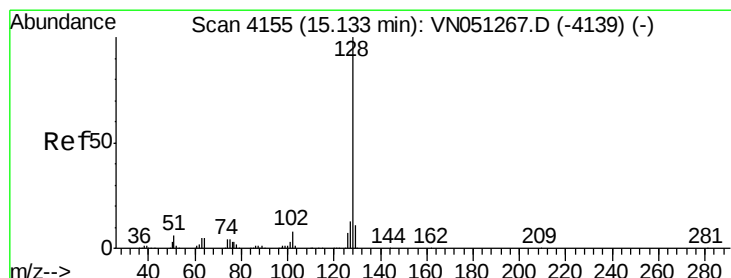
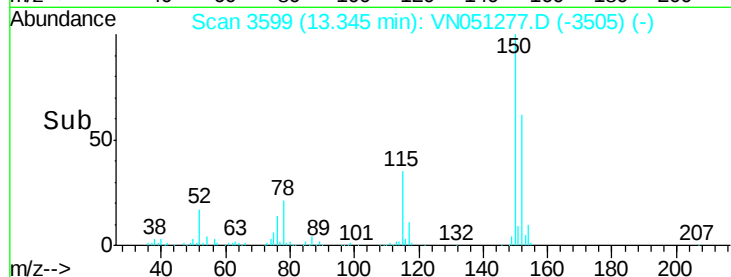
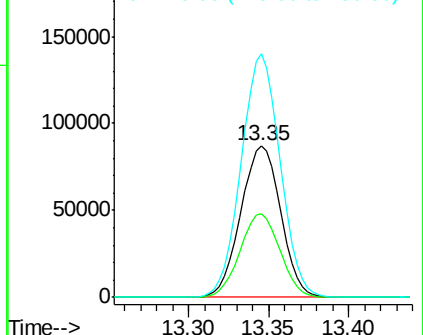
150 157.2 0.0 349.0



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: 11.66 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051277.D

Acq: 17 Sep 2018 18:13

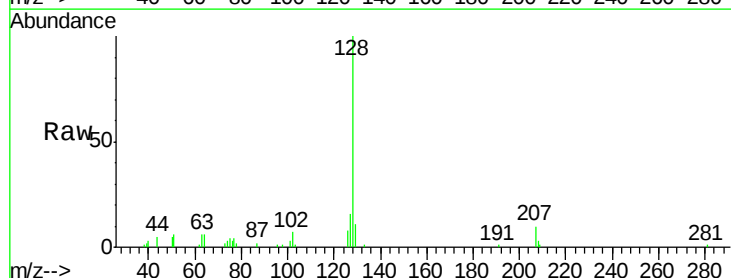
Tgt Ion:128 Resp: 30230

Ion Ratio Lower Upper

128 100

127 14.9 10.7 16.1

129 11.2 8.9 13.3



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

