

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051334.D
 Acq On : 19 Sep 2018 21:23
 Operator : MD\SY
 Sample : J4771-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-091818

Quant Time: Sep 20 03:18:57 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

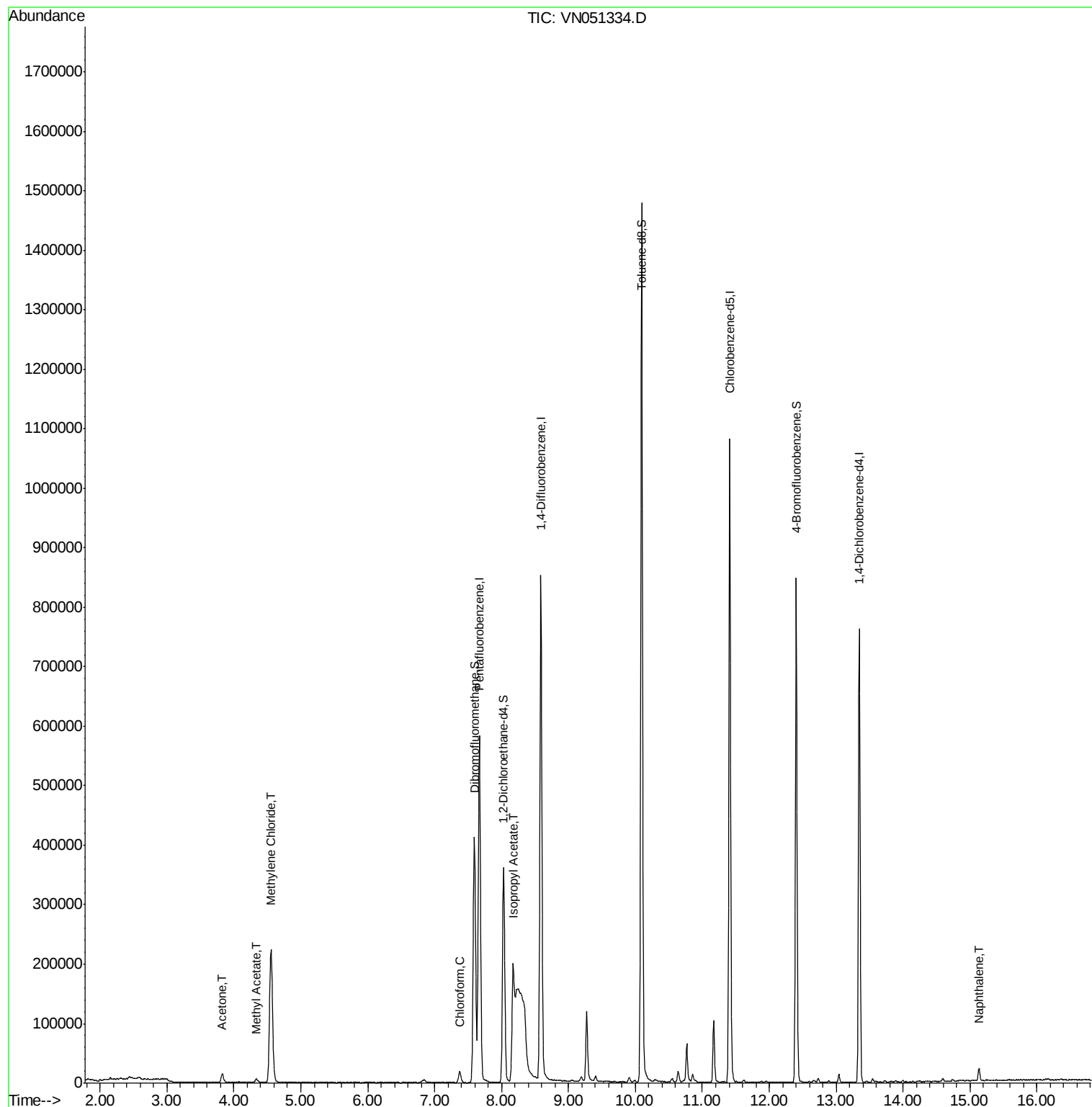
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	530498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	838952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	694428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	236119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	309593	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
35) Dibromofluoromethane	7.59	113	318130	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.09	98	1109694	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
62) 4-Bromofluorobenzene	12.40	95	292472	38.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.32%	
Target Compounds						
16) Acetone	3.83	43	25425	10.42	ug/l	92
18) Methyl Acetate	4.33	43	12158	2.39	ug/l	97
20) Methylene Chloride	4.55	84	185805	29.44	ug/l	98
30) Chloroform	7.37	83	21087	2.01	ug/l	99
43) Isopropyl Acetate	8.17	43	247060	30.58	ug/l #	87
95) Naphthalene	15.14	128	18676	8.15	ug/l #	96

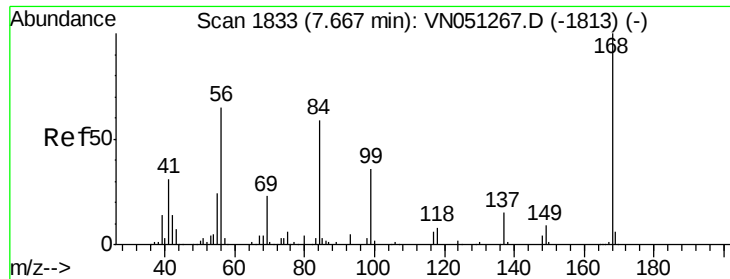
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051334.D

Acq: 19 Sep 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

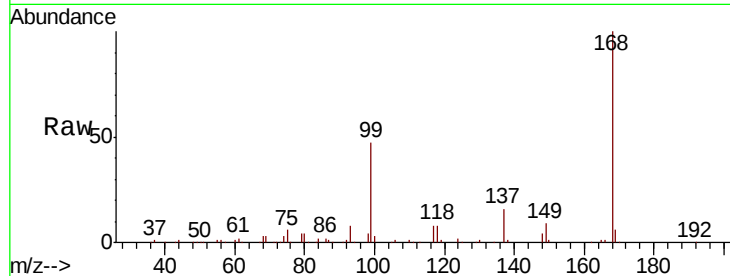
NB-07-091818

Tot Ion:168 Resp: 530498

Ion Ratio Lower Upper

168 100

99 46.6 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VN051267.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051267.D (-1813) (-)

7.67

250000

200000

150000

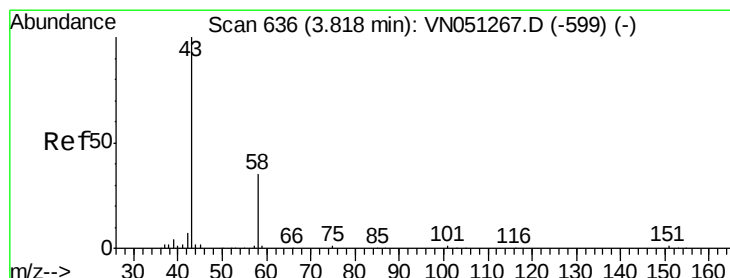
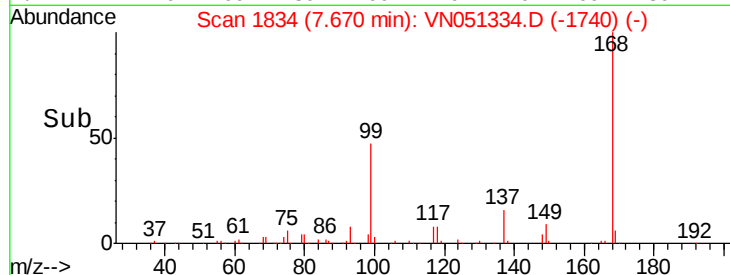
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 10.42 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051334.D

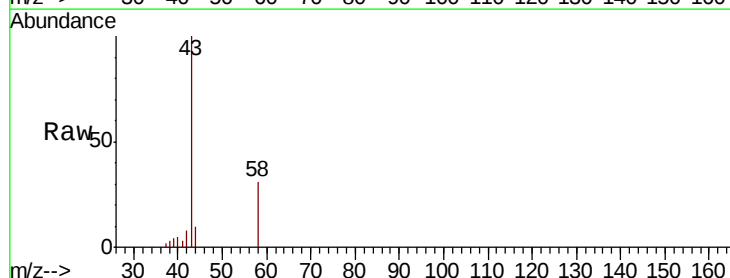
Acq: 19 Sep 2018 21:23

Tgt Ion: 43 Resp: 25425

Ion Ratio Lower Upper

43 100

58 30.7 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN051267.D (-599) (-)

3.83

10000

8000

6000

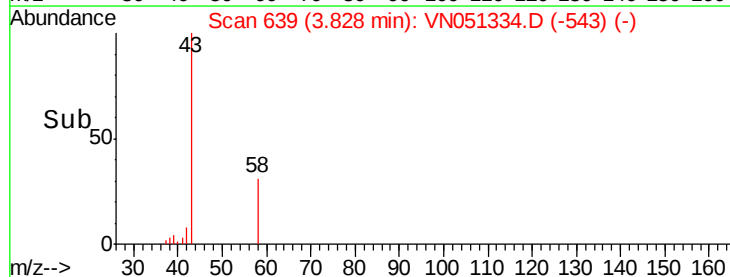
4000

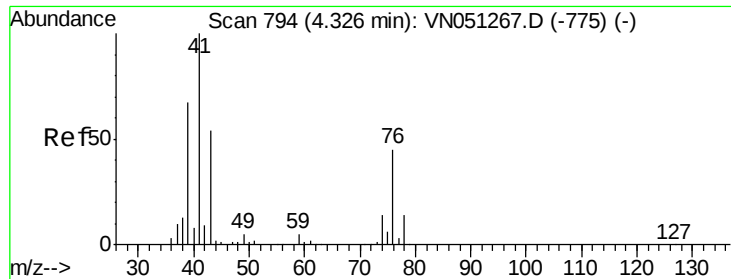
2000

0

3.80 3.90

Time-->

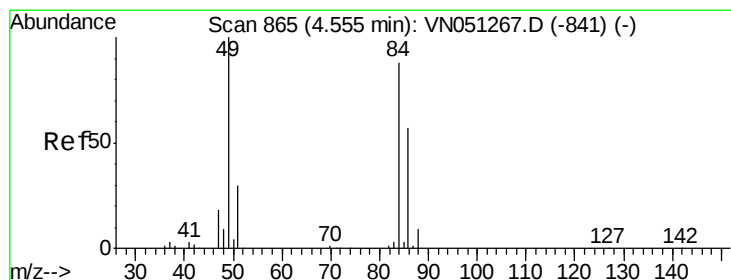
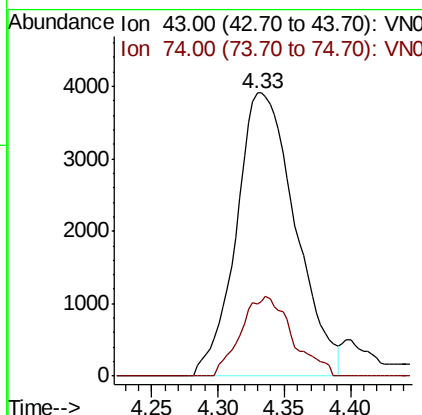
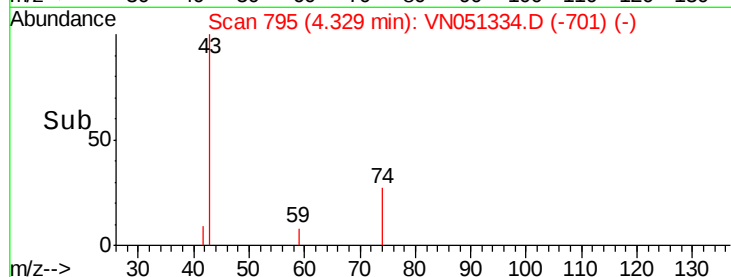
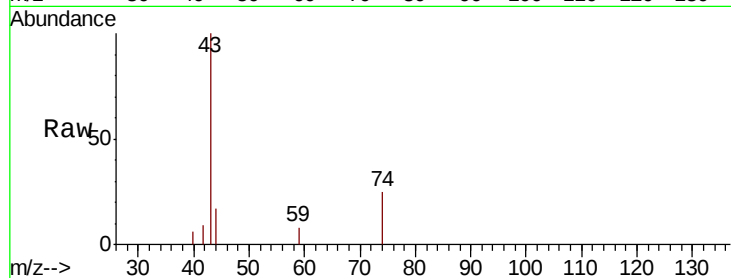




#18
Methyl Acetate
Concen: 2.39 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051334.D
Acq: 19 Sep 2018 21:23

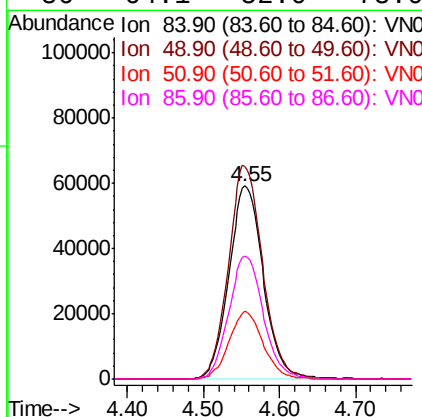
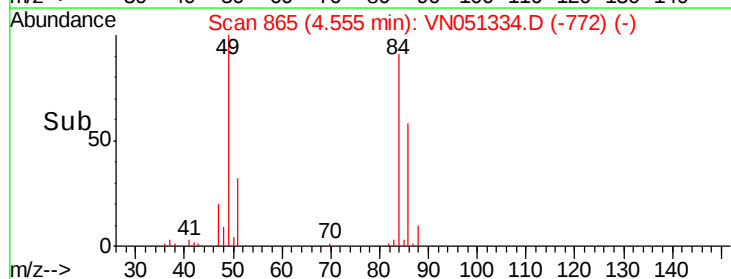
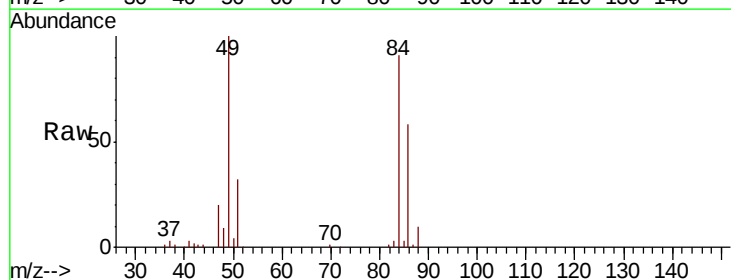
Instrument :
MSVOA_N
ClientSampled :
NB-07-091818

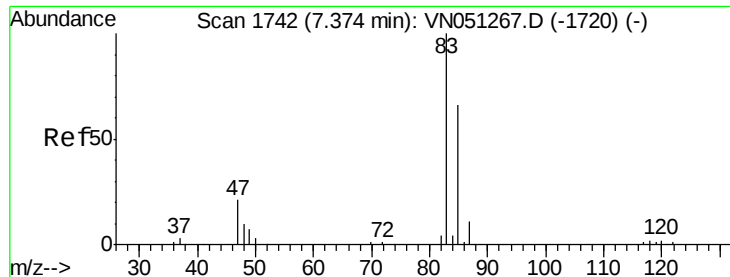
Tot Ion: 43 Resp: 12158
Ion Ratio Lower Upper
43 100
74 24.6 20.8 31.2



#20
Methylene Chloride
Concen: 29.44 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN051334.D
Acq: 19 Sep 2018 21:23

Tgt Ion: 84 Resp: 185805
Ion Ratio Lower Upper
84 100
49 110.4 91.2 136.8
51 35.4 27.7 41.5
86 64.1 52.0 78.0

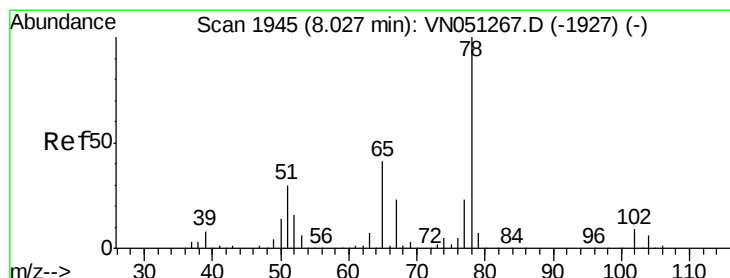
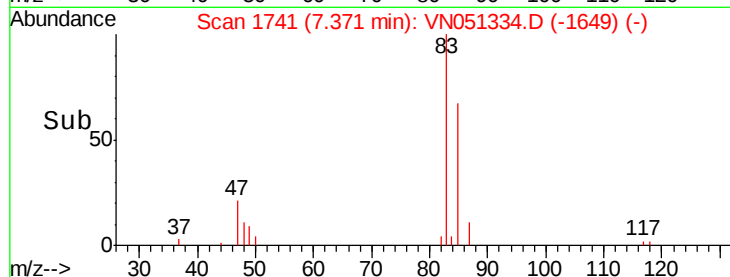
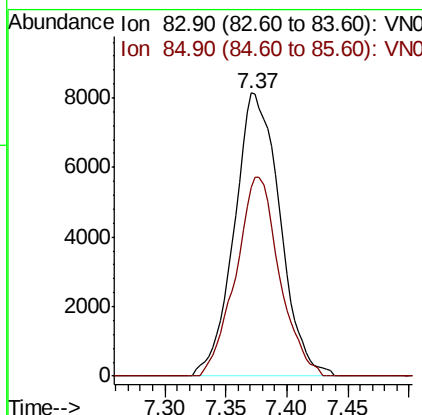
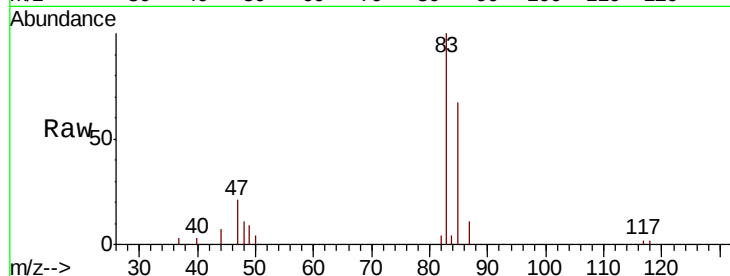




#30
Chloroform
Concen: 2.01 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051334.D
Acq: 19 Sep 2018 21:23

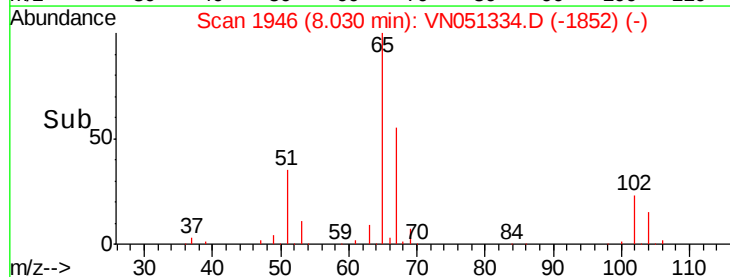
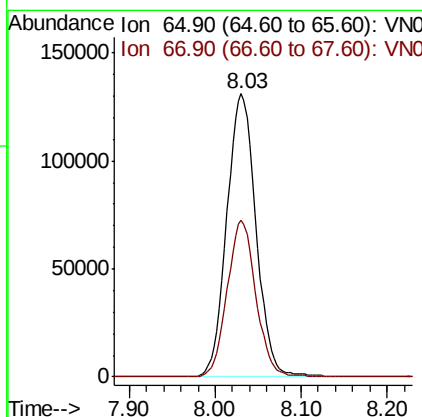
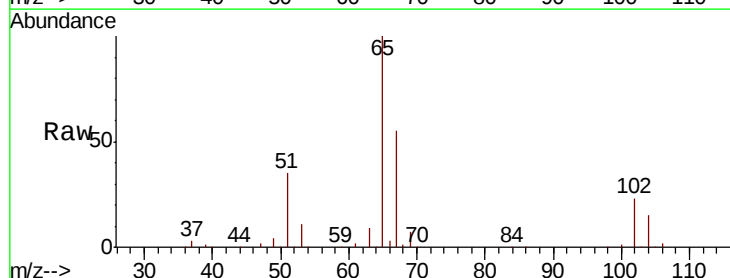
Instrument :
MSVOA_N
ClientSampleId :
NB-07-091818

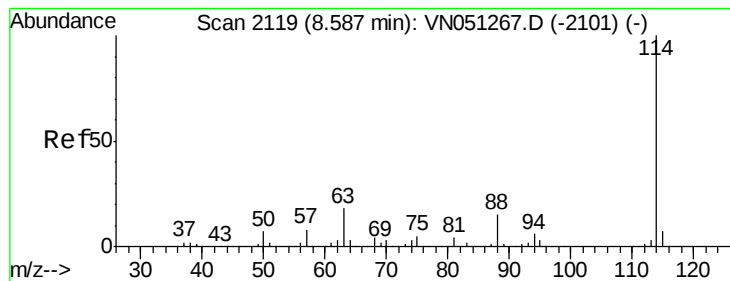
Tot Ion: 83 Resp: 21087
Ion Ratio Lower Upper
83 100
85 66.7 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 53.70 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051334.D
Acq: 19 Sep 2018 21:23

Tgt Ion: 65 Resp: 309593
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051334.D

Acq: 19 Sep 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

NB-07-091818

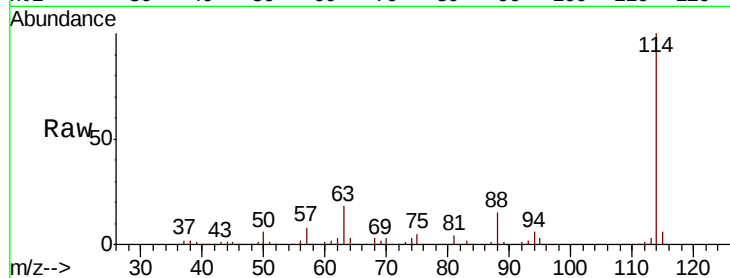
Tot Ion:114 Resp: 838952

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

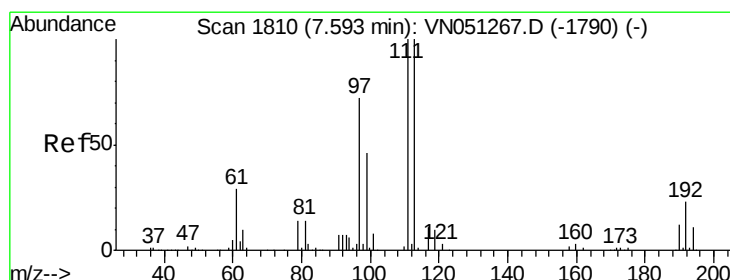
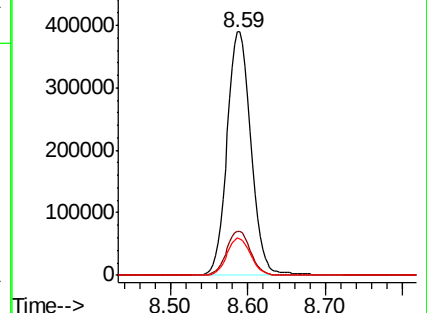
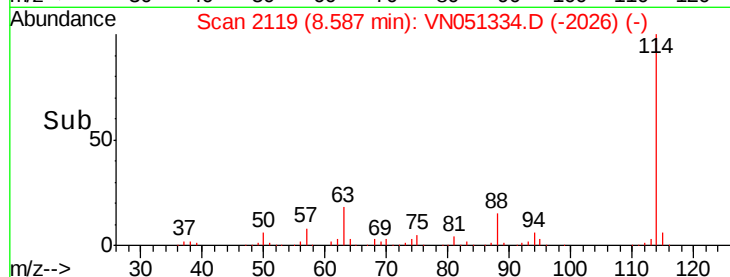
88 15.2 0.0 30.8



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: 48.80 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051334.D

Acq: 19 Sep 2018 21:23

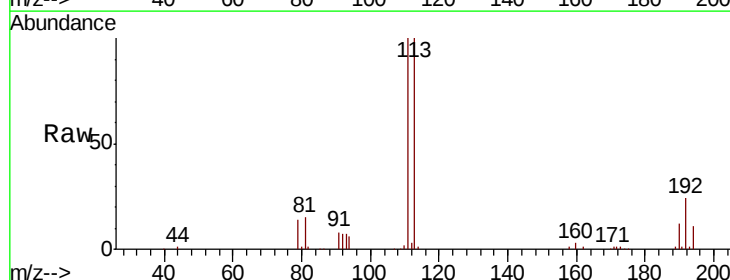
Tgt Ion:113 Resp: 318130

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

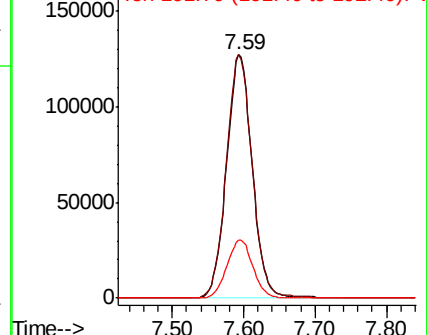
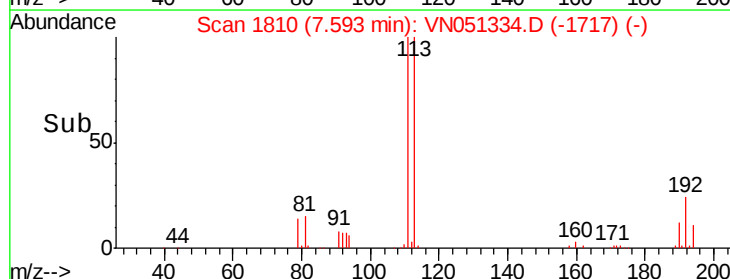
192 24.1 19.0 28.6

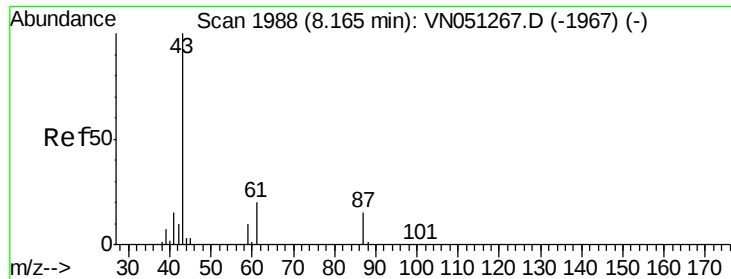


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 30.58 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN051334.D

Acq: 19 Sep 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

NB-07-091818

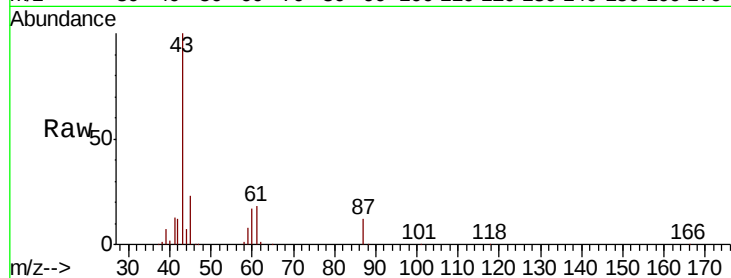
Tot Ion: 43 Resp: 247060

Ion Ratio Lower Upper

43 100

61 15.5 17.4 26.2#

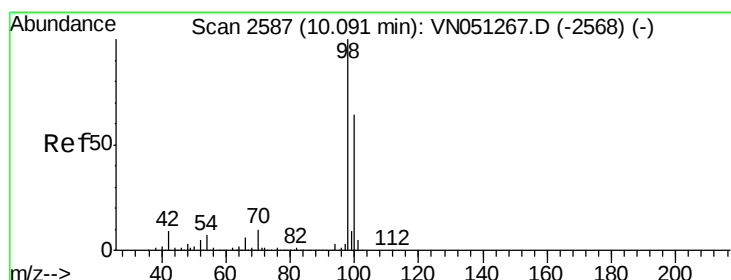
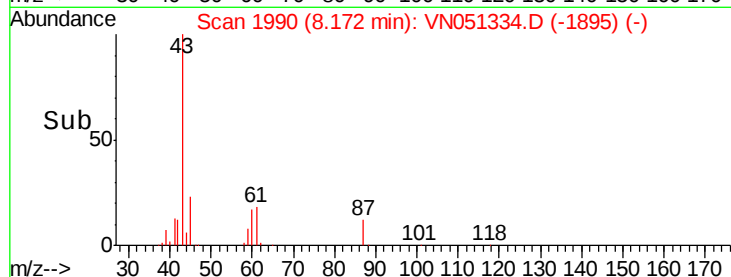
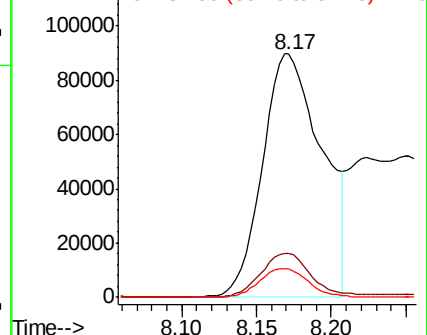
87 9.8 12.2 18.4#



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN051267.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN051267.D (-1967) (-)



#50

Toluene-d8

Concen: 46.05 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051334.D

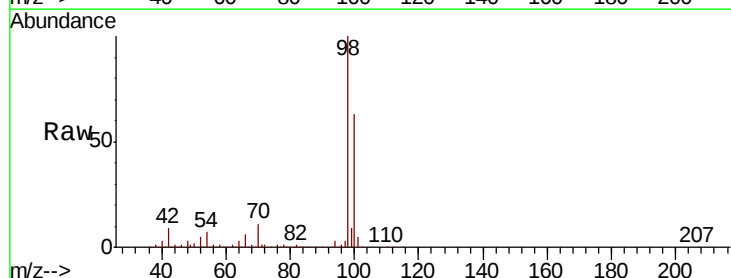
Acq: 19 Sep 2018 21:23

Tgt Ion: 98 Resp: 1109694

Ion Ratio Lower Upper

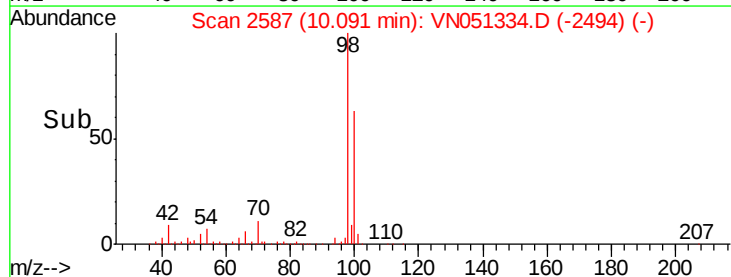
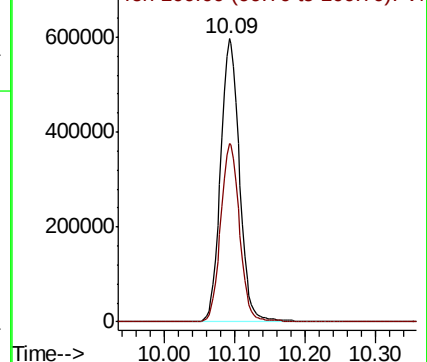
98 100

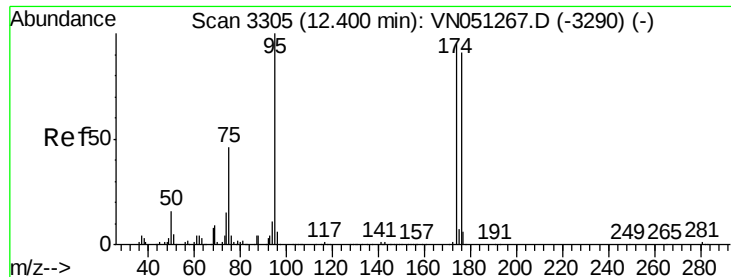
100 63.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN051267.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051267.D (-2568) (-)

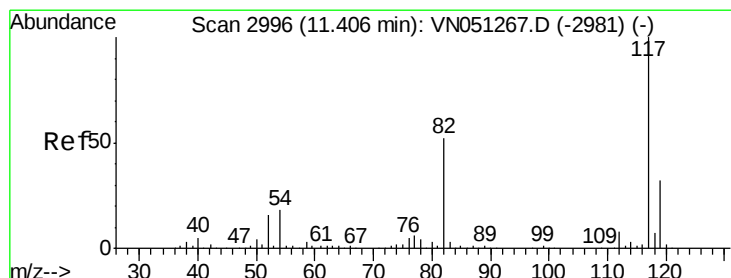
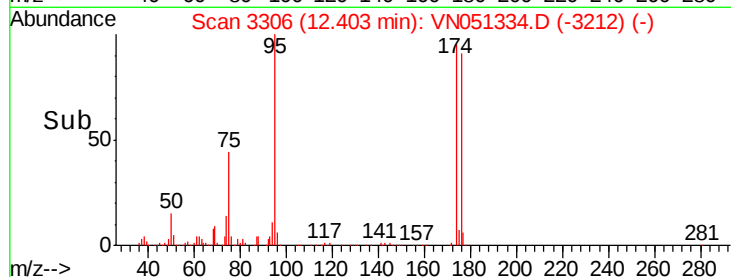
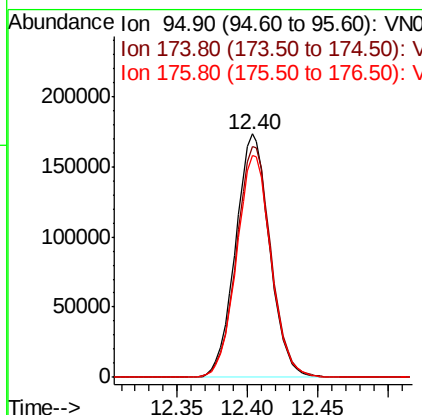
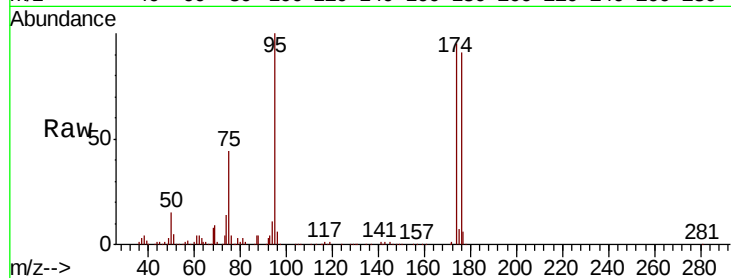




#62
4-Bromofluorobenzene
Concen: 38.16 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051334.D
Acq: 19 Sep 2018 21:23

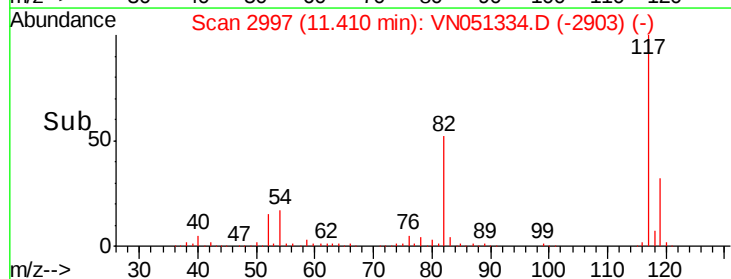
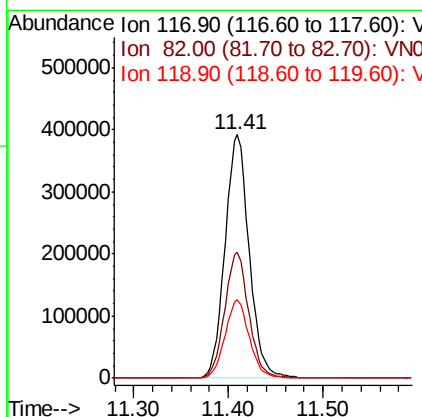
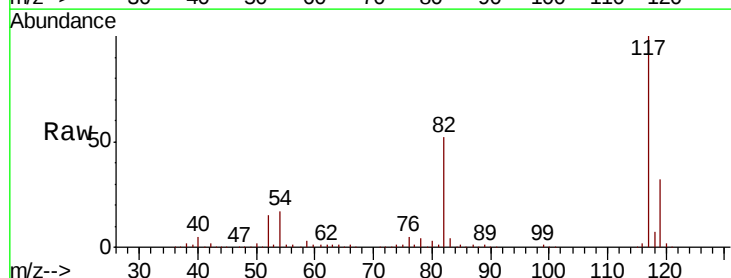
Instrument :
MSVOA_N
ClientSampleId :
NB-07-091818

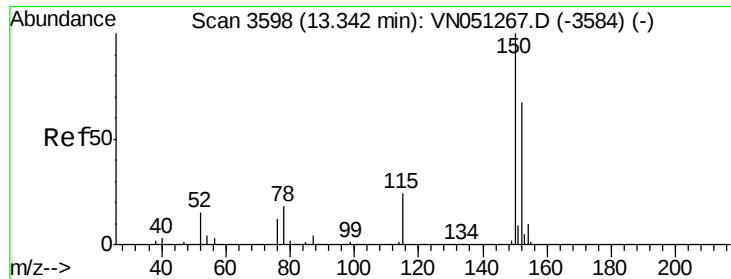
Tot Ion: 95 Resp: 292472
Ion Ratio Lower Upper
95 100
174 96.8 0.0 189.6
176 92.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051334.D
Acq: 19 Sep 2018 21:23

Tgt Ion: 117 Resp: 694428
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051334.D

Acq: 19 Sep 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

NB-07-091818

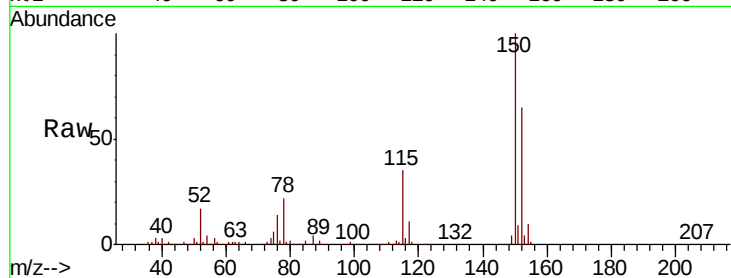
Tot Ion:152 Resp: 236119

Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.2

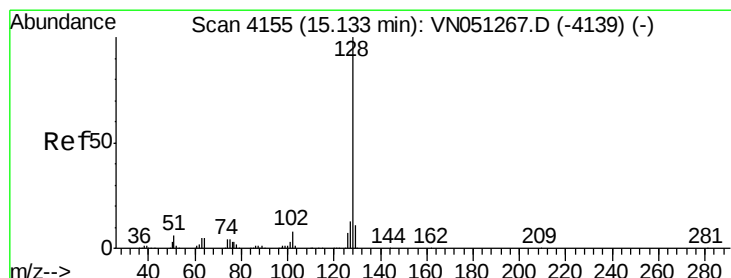
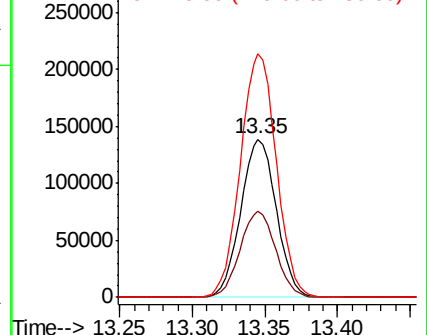
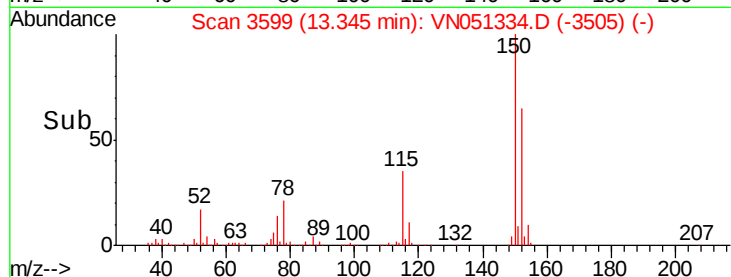
150 155.7 0.0 349.0



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: 8.15 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051334.D

Acq: 19 Sep 2018 21:23

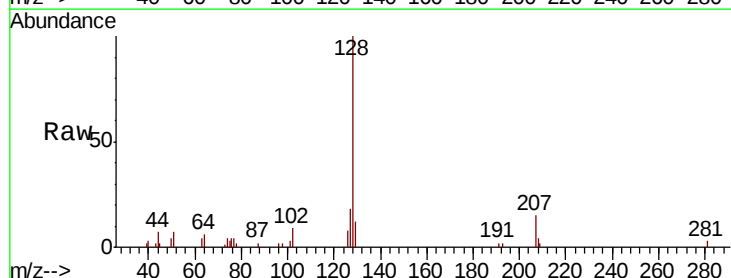
Tgt Ion:128 Resp: 18676

Ion Ratio Lower Upper

128 100

127 16.4 10.7 16.1#

129 11.3 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

