

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050544.D
 Acq On : 11 Aug 2018 2:55
 Operator : MD\SY
 Sample : J4272-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-080918-B

Quant Time: Aug 11 06:34:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	623256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1037232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	897130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	355665	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	432936	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.98%		
35) Dibromofluoromethane	7.59	113	396852	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.36%		
50) Toluene-d8	10.09	98	1420769	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.80%		
62) 4-Bromofluorobenzene	12.40	95	408109	38.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	76.54%		

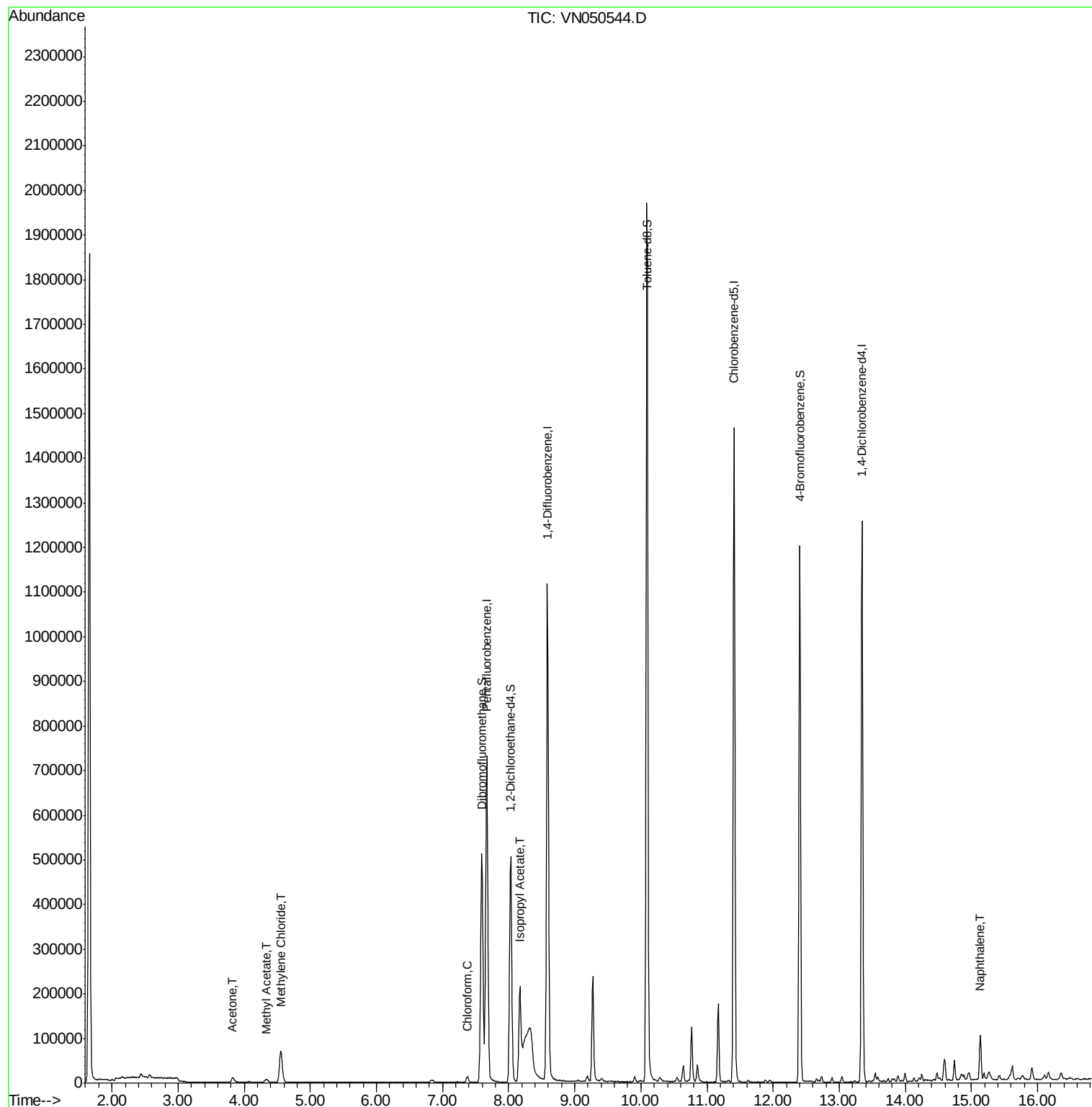
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	19181	7.37	ug/l	95
18) Methyl Acetate	4.33	43	16603	2.39	ug/l #	70
20) Methylene Chloride	4.55	84	55320	5.92	ug/l	96
30) Chloroform	7.37	83	14954	1.10	ug/l	95
43) Isopropyl Acetate	8.17	43	265365	18.73	ug/l	96
95) Naphthalene	15.13	128	88081	8.36	ug/l	99

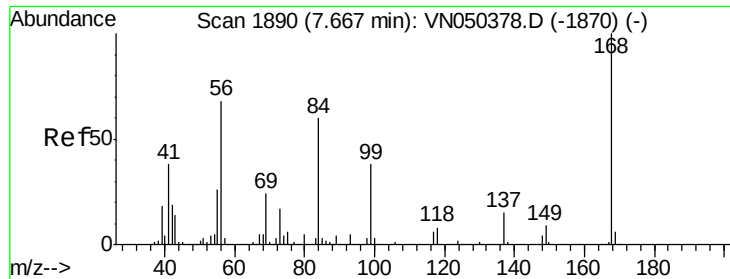
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050544.D

Acq: 11 Aug 2018 2:55

Instrument :

MSVOA_N

ClientSampleId :

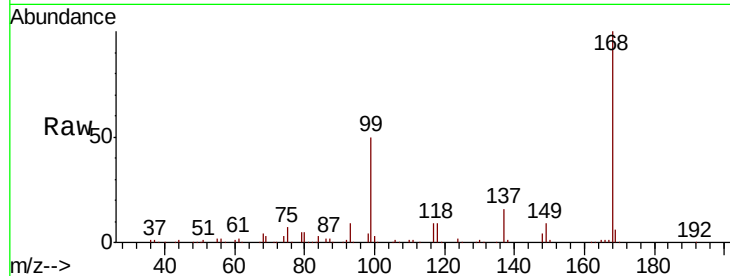
JC-03-080918-B

Tot Ion:168 Resp: 623256

Ion Ratio Lower Upper

168 100

99 50.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

250000

200000

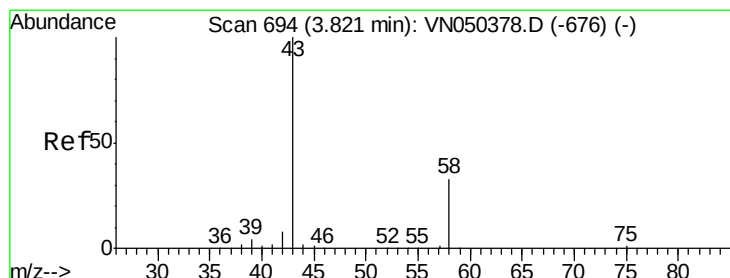
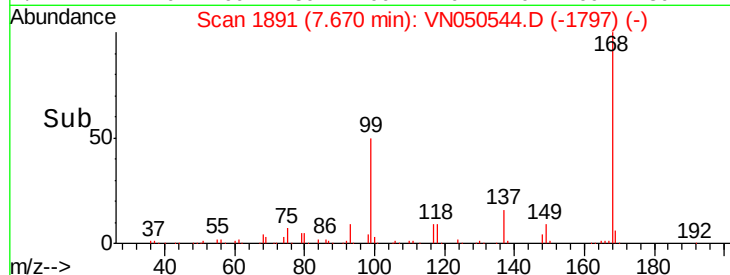
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.37 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050544.D

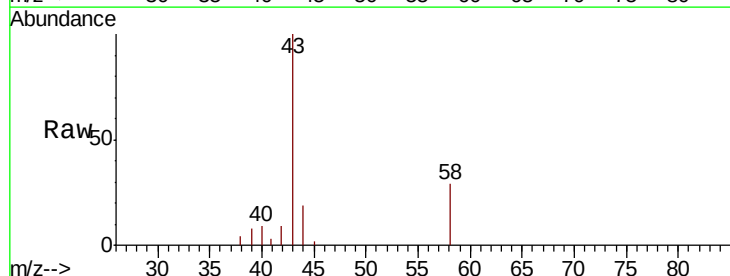
Acq: 11 Aug 2018 2:55

Tgt Ion: 43 Resp: 19181

Ion Ratio Lower Upper

43 100

58 29.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

3.82

8000

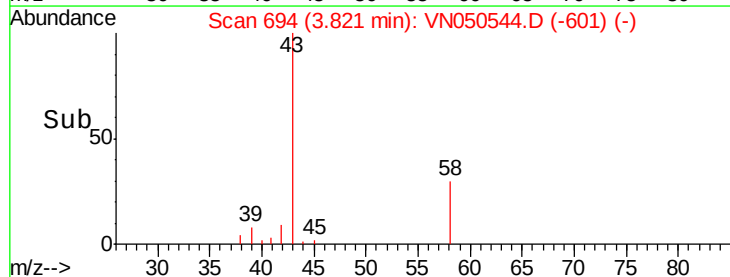
6000

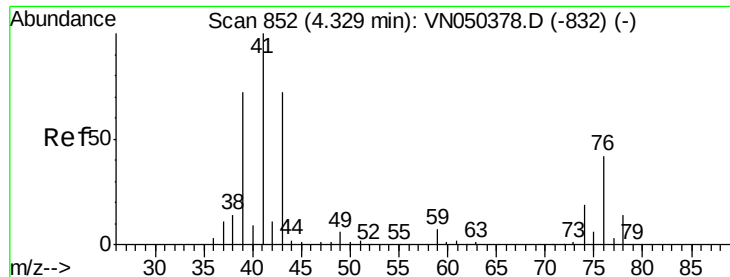
4000

2000

0

Time-->

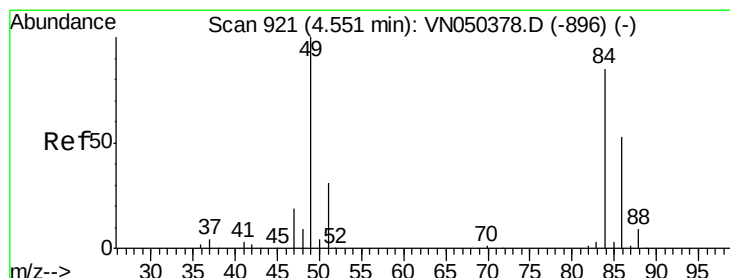
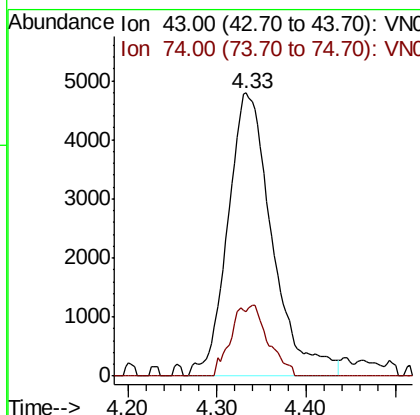
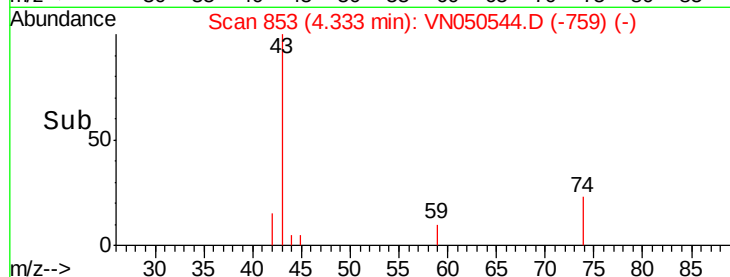
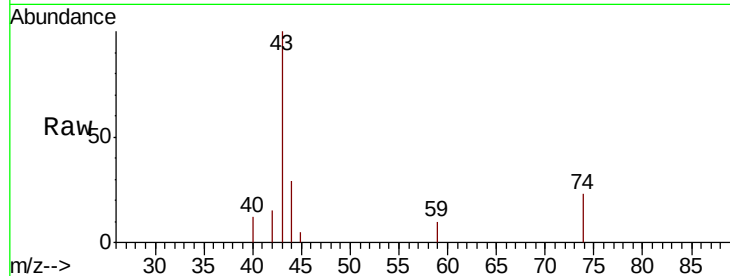




#18
Methyl Acetate
Concen: 2.39 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050544.D
Acq: 11 Aug 2018 2:55

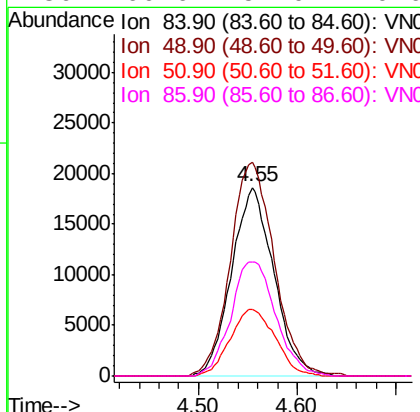
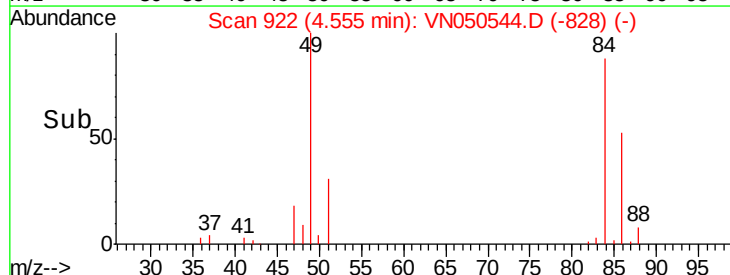
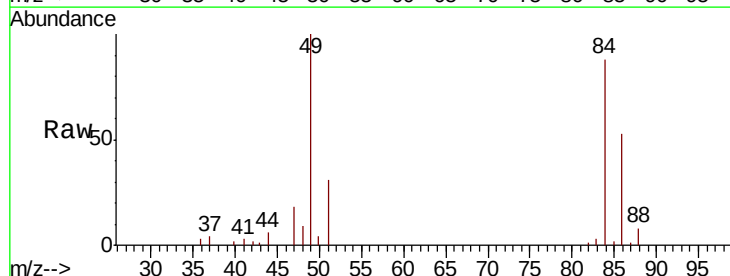
Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-B

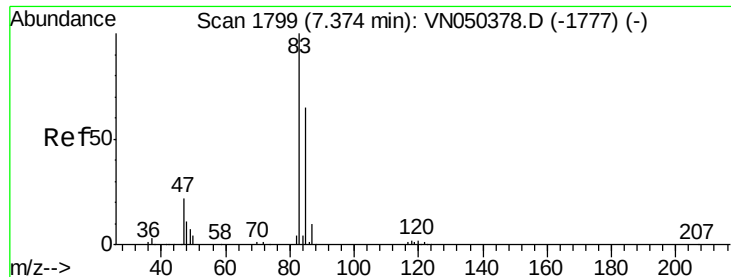
Tot Ion: 43 Resp: 16603
Ion Ratio Lower Upper
43 100
74 9.2 19.2 28.8#



#20
Methylene Chloride
Concen: 5.92 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050544.D
Acq: 11 Aug 2018 2:55

Tgt Ion: 84 Resp: 55320
Ion Ratio Lower Upper
84 100
49 113.5 94.8 142.2
51 35.4 28.3 42.5
86 60.6 51.0 76.6

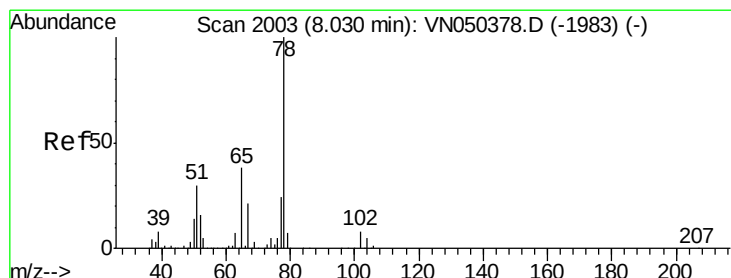
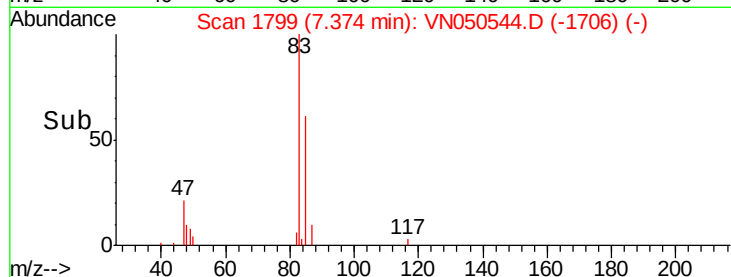
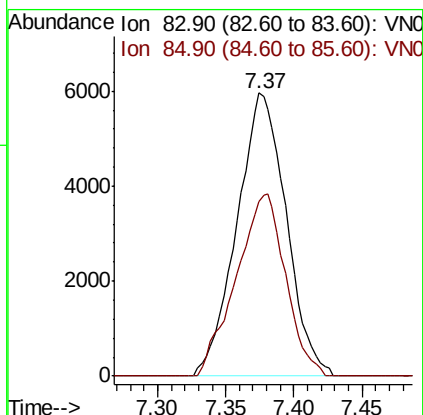
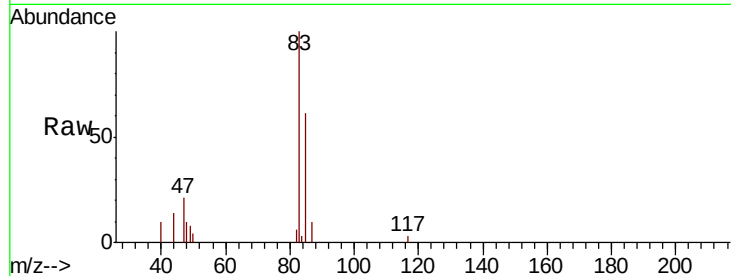




#30
Chloroform
Concen: 1.10 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050544.D
Acq: 11 Aug 2018 2:55

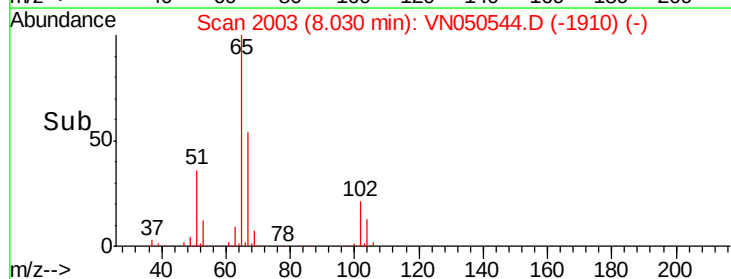
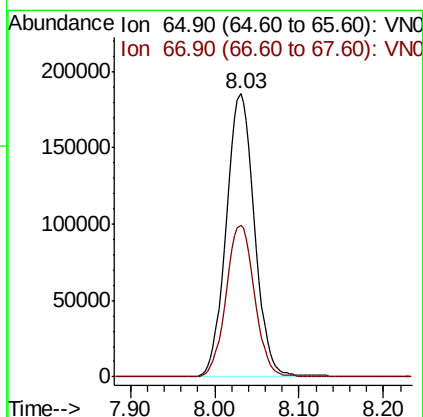
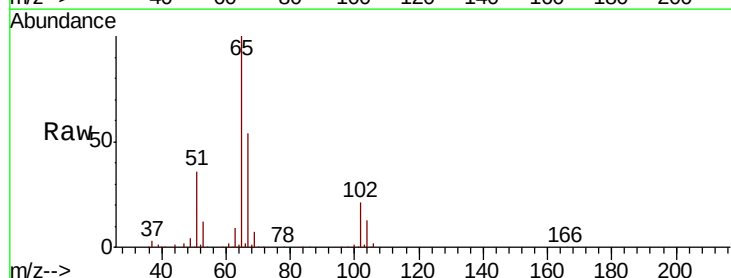
Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-B

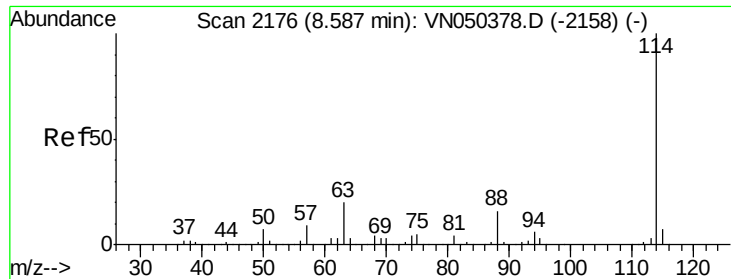
Tot Ion: 83 Resp: 14954
Ion Ratio Lower Upper
83 100
85 61.5 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 51.99 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN050544.D
Acq: 11 Aug 2018 2:55

Tgt Ion: 65 Resp: 432936
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.4

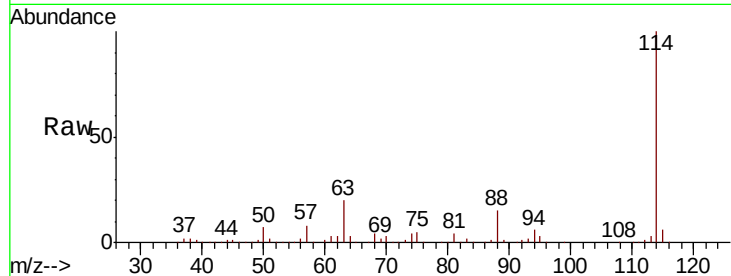




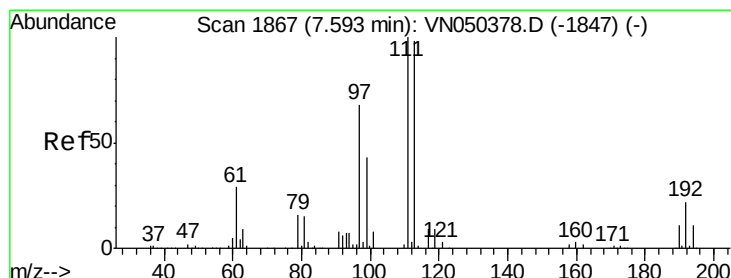
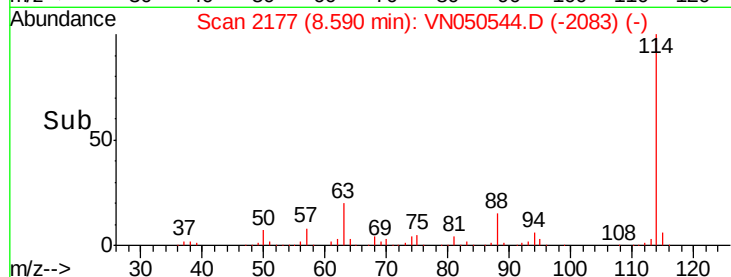
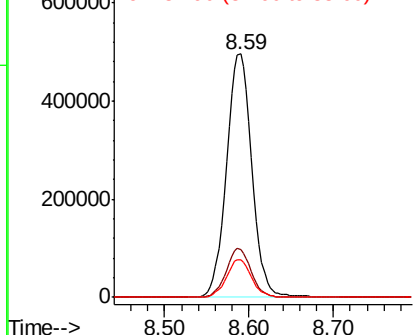
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050544.D
 Acq: 11 Aug 2018 2:55

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-080918-B

Tot Ion:114 Resp: 1037232
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.3 0.0 31.2

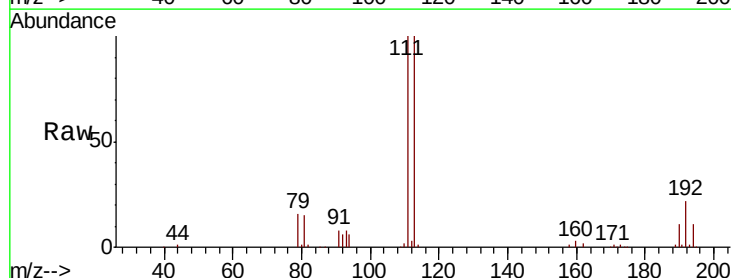


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

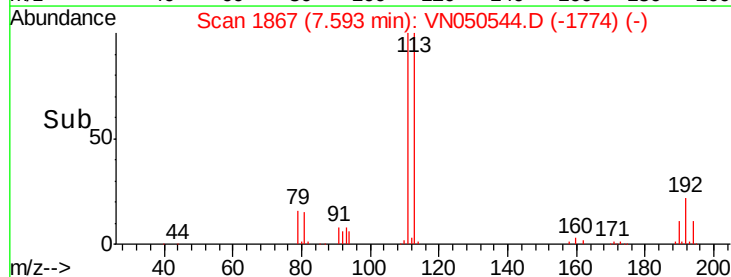
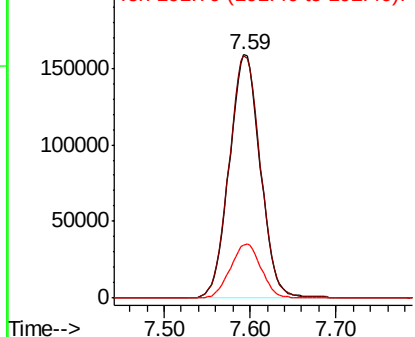


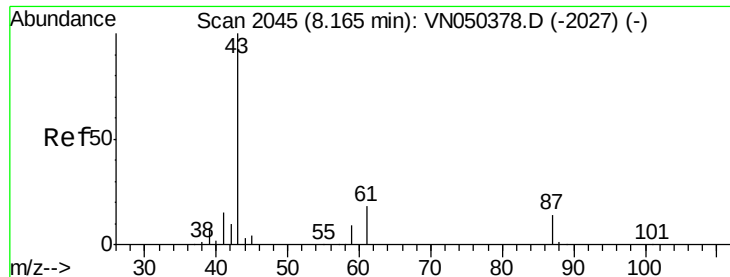
#35
 Dibromofluoromethane
 Concen: 47.68 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050544.D
 Acq: 11 Aug 2018 2:55

Tgt Ion:113 Resp: 396852
 Ion Ratio Lower Upper
 113 100
 111 100.9 80.7 121.1
 192 22.1 17.8 26.6



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: 18.73 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050544.D

Acq: 11 Aug 2018 2:55

Instrument :

MSVOA_N

ClientSampleId :

JC-03-080918-B

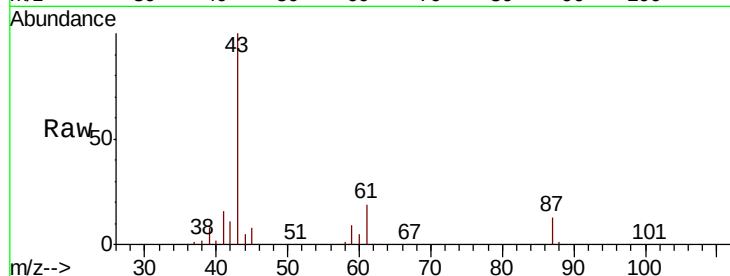
Tot Ion: 43 Resp: 265365

Ion Ratio Lower Upper

43 100

61 17.5 15.8 23.6

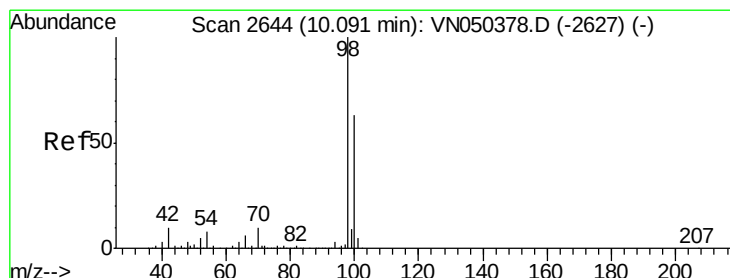
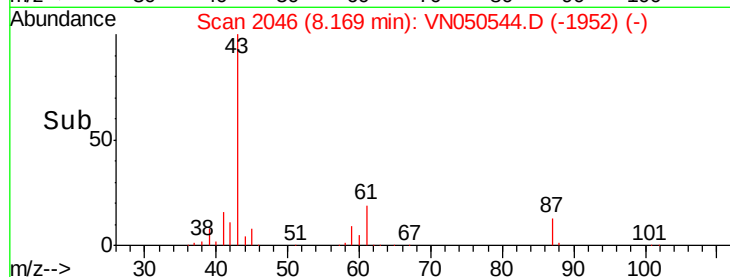
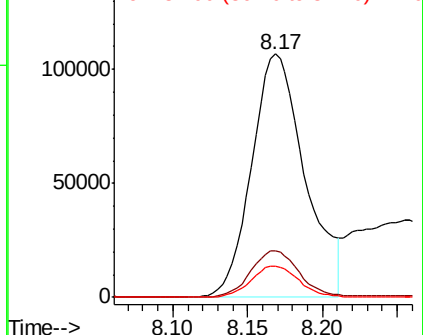
87 11.5 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.40 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050544.D

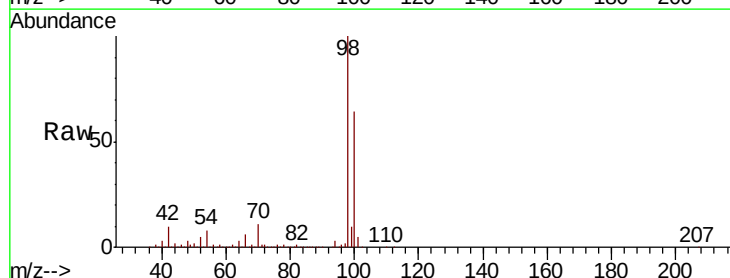
Acq: 11 Aug 2018 2:55

Tgt Ion: 98 Resp: 1420769

Ion Ratio Lower Upper

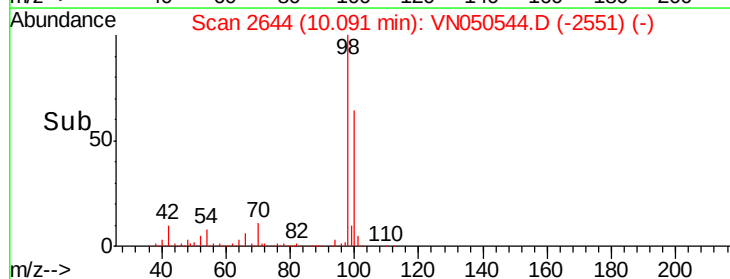
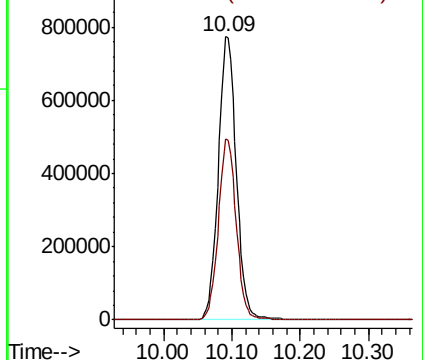
98 100

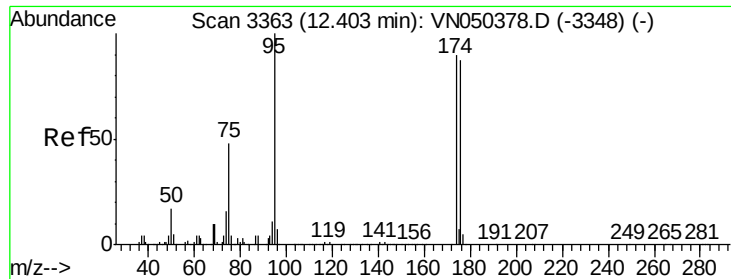
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 38.27 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050544.D

Acq: 11 Aug 2018 2:55

Instrument :

MSVOA_N

ClientSampleId :

JC-03-080918-B

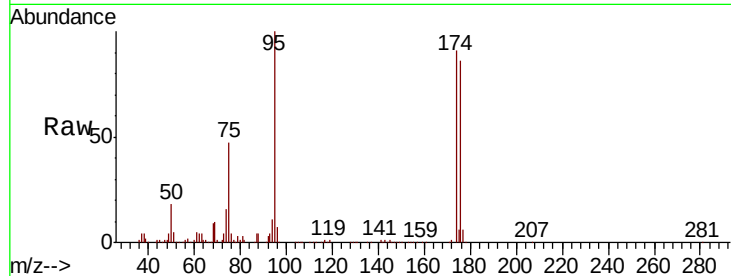
Tot Ion: 95 Resp: 408109

Ion Ratio Lower Upper

95 100

174 90.7 0.0 178.2

176 86.3 0.0 173.4



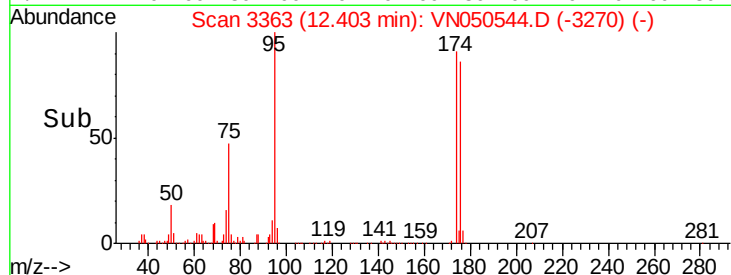
Abundance Ion 94.90 (94.60 to 95.60): VN050378.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050378.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050378.D (-3348) (-)

12.40

Time-->



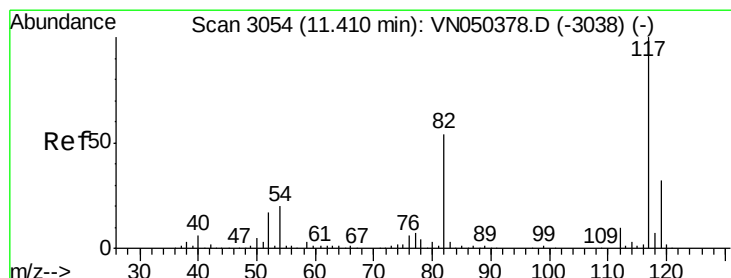
Abundance Ion 94.90 (94.60 to 95.60): VN050544.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN050544.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN050544.D (-3270) (-)

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050544.D

Acq: 11 Aug 2018 2:55

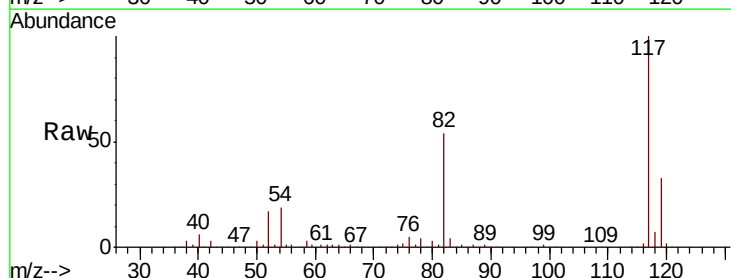
Tgt Ion: 117 Resp: 897130

Ion Ratio Lower Upper

117 100

82 54.0 43.7 65.5

119 32.8 26.1 39.1



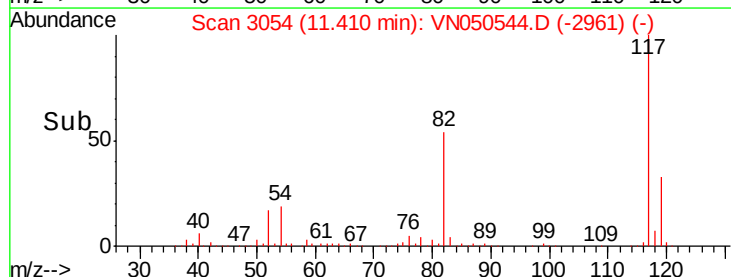
Abundance Ion 116.90 (116.60 to 117.60): VN050378.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050378.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050378.D (-3038) (-)

11.41

Time-->



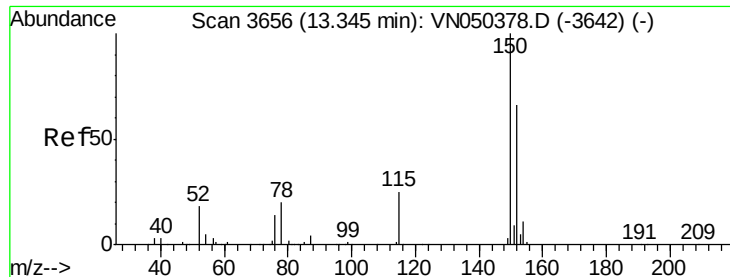
Abundance Ion 116.90 (116.60 to 117.60): VN050544.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050544.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050544.D (-2961) (-)

11.41

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050544.D

Acq: 11 Aug 2018 2:55

Instrument :

MSVOA_N

ClientSampleId :

JC-03-080918-B

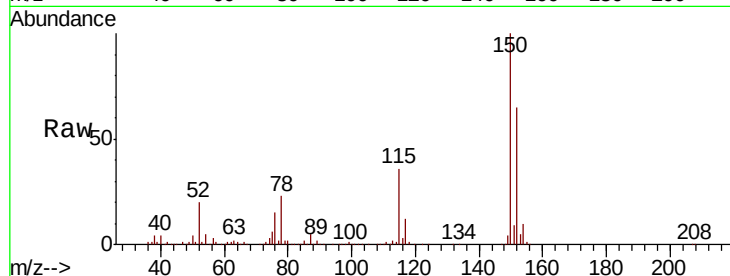
Tot Ion:152 Resp: 355665

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

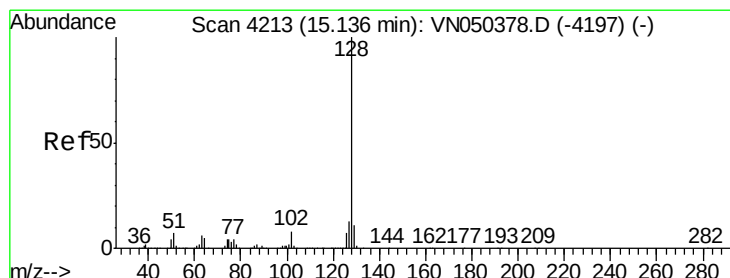
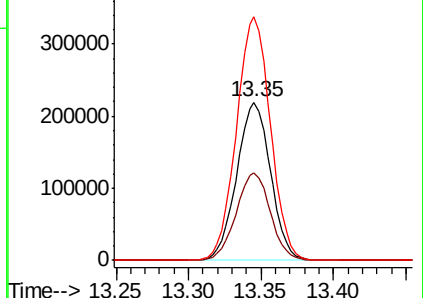
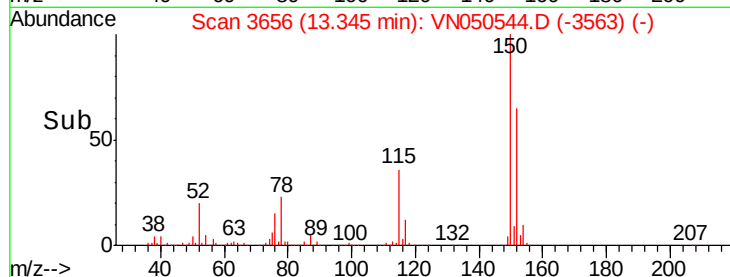
150 154.6 0.0 348.6



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: 8.36 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050544.D

Acq: 11 Aug 2018 2:55

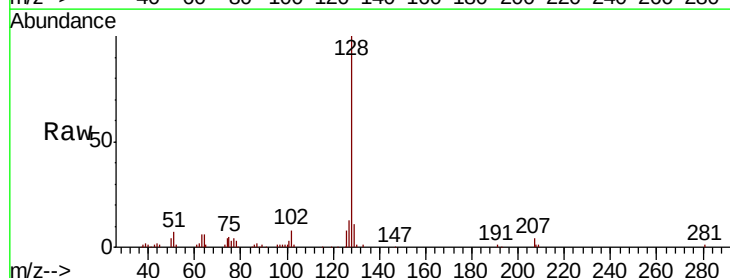
Tgt Ion:128 Resp: 88081

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.9 8.8 13.2



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

