

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049835.D
 Acq On : 14 Jul 2018 8:32
 Operator : MD\SY
 Sample : J3958-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-STONE

Quant Time: Jul 16 06:46:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1179135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1935267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1631245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	617792	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	826710	60.27	ug/l	0.00
Spiked Amount						
			Recovery	=	120.54%	
35) Dibromofluoromethane	7.59	113	733377	50.27	ug/l	0.00
Spiked Amount						
			Recovery	=	100.54%	
50) Toluene-d8	10.09	98	2611511	52.30	ug/l	0.00
Spiked Amount						
			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.40	95	731893	41.04	ug/l	0.00
Spiked Amount						
			Recovery	=	82.08%	

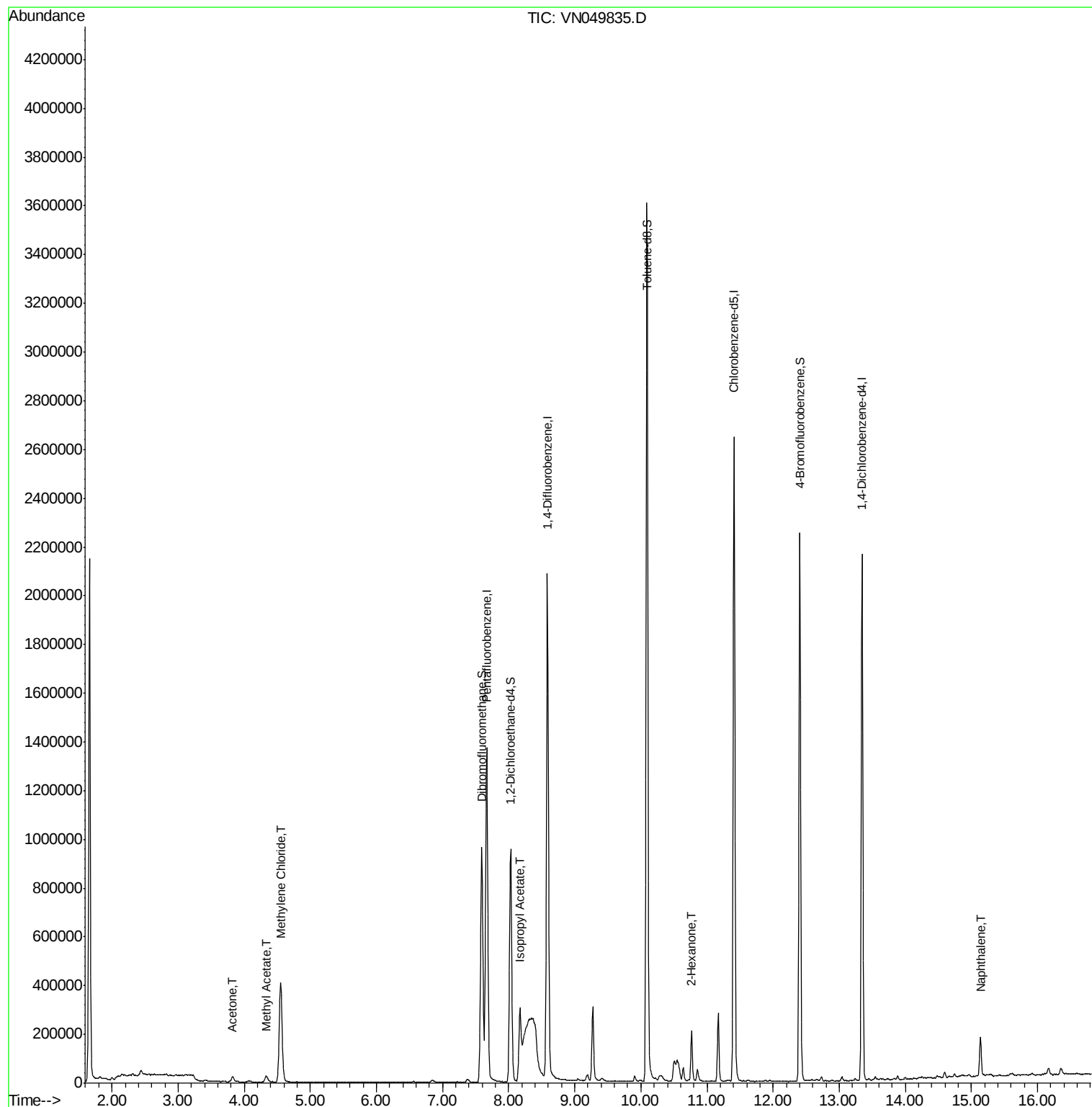
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	36955	8.94	ug/l	92
18) Methyl Acetate	4.33	43	49035	3.60	ug/l	92
20) Methylene Chloride	4.55	84	317438	22.05	ug/l	99
43) Isopropyl Acetate	8.17	43	375565	15.83	ug/l	96
59) 2-Hexanone	10.77	43	28389	3.31	ug/l #	61
95) Naphthalene	15.14	128	145852	8.93	ug/l	99

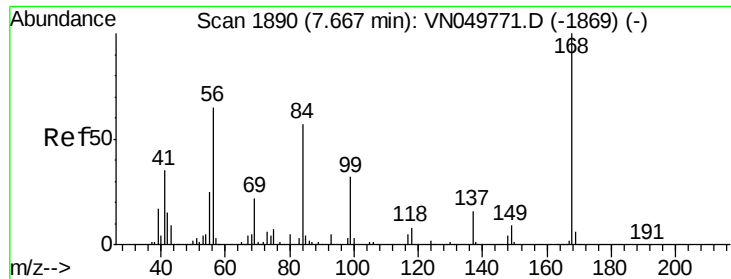
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 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: VN049835.D

Acq: 14 Jul 2018 8:32

Instrument :

MSVOA_N

ClientSampleId :

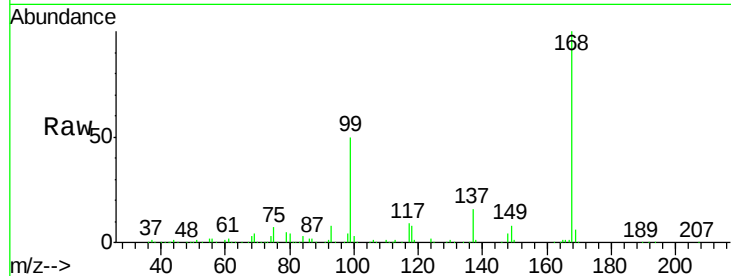
CS-STONE

Tot Ion:168 Resp: 1179135

Ion Ratio Lower Upper

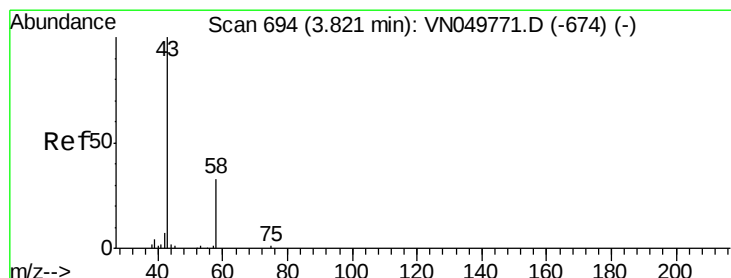
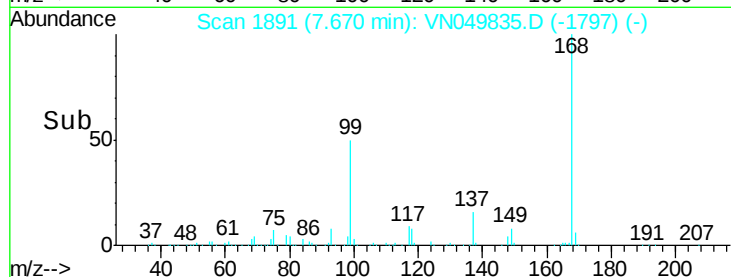
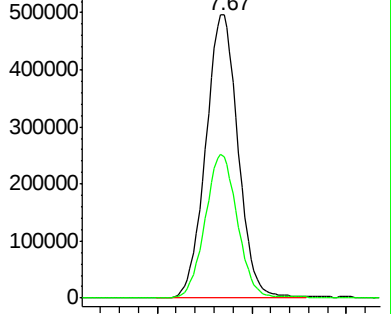
168 100

99 50.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.94 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049835.D

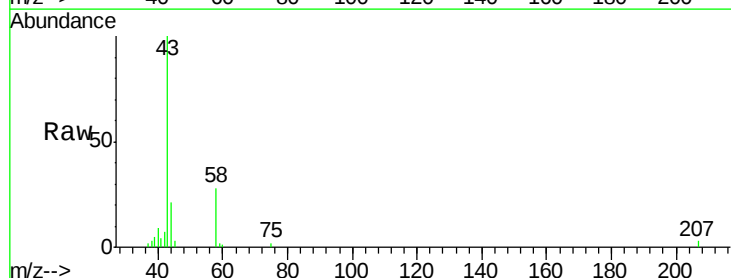
Acq: 14 Jul 2018 8:32

Tgt Ion: 43 Resp: 36955

Ion Ratio Lower Upper

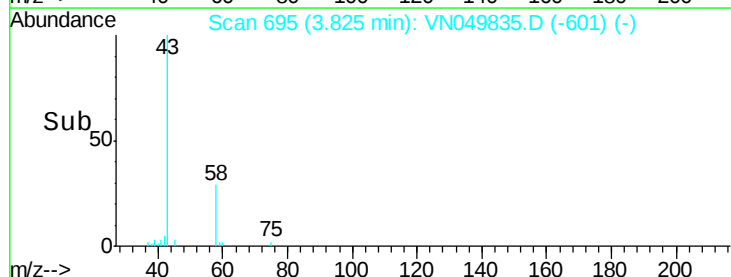
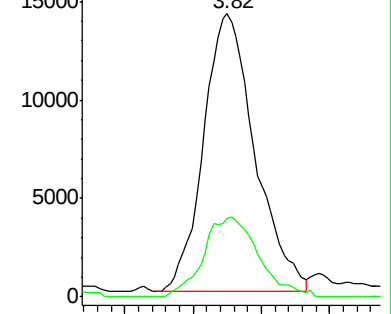
43 100

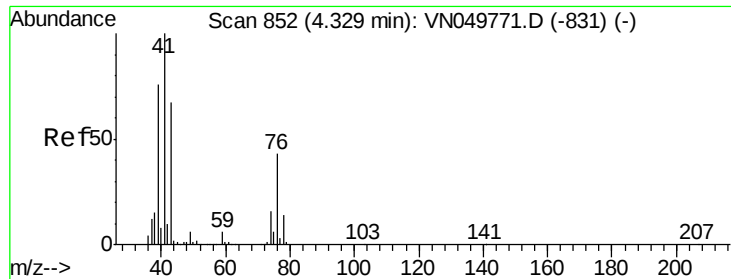
58 28.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

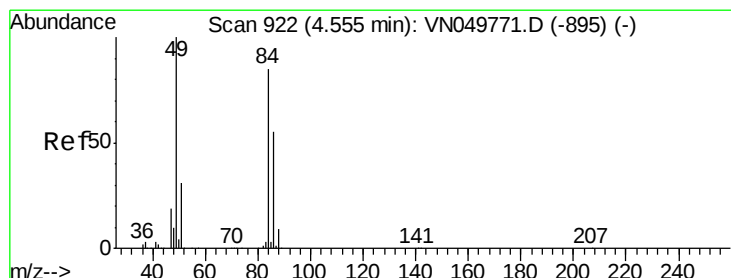
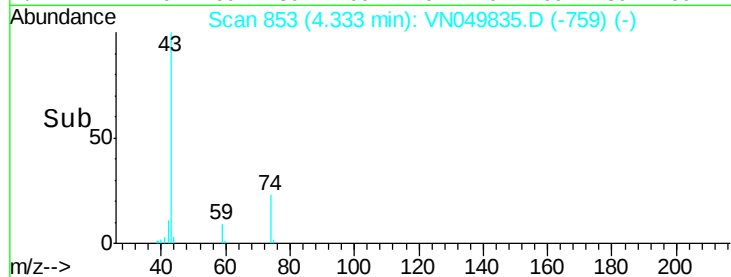
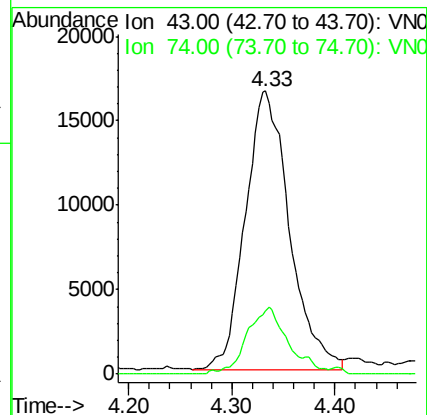
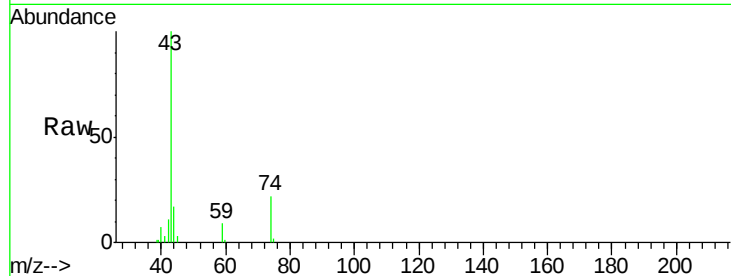




#18
Methvl Acetate
Concen: 3.60 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049835.D
Acq: 14 Jul 2018 8:32

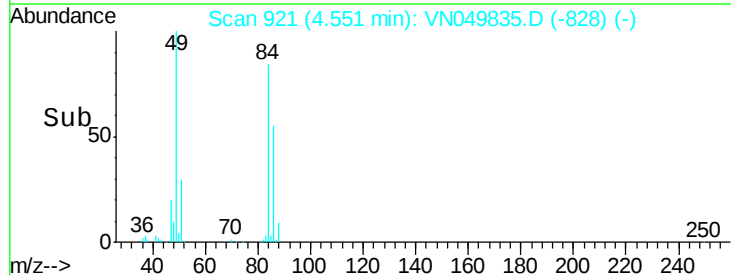
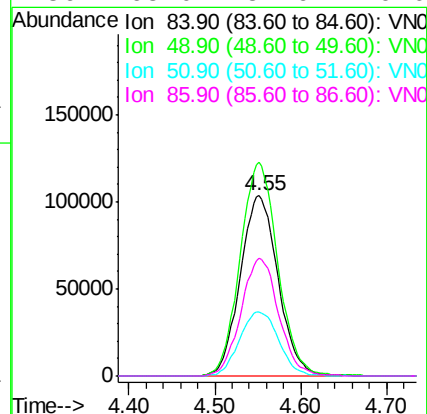
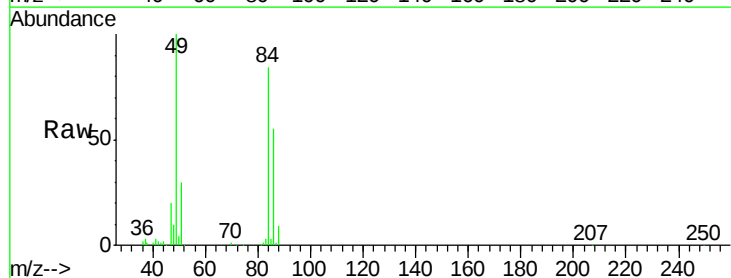
Instrument :
MSVOA_N
ClientSampleId :
CS-STONE

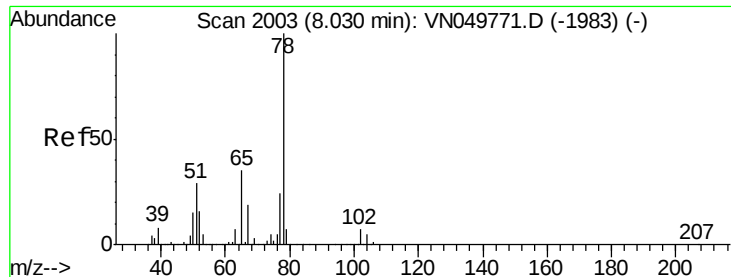
Tot Ion: 43 Resp: 49035
Ion Ratio Lower Upper
43 100
74 20.8 19.8 29.8



#20
Methylene Chloride
Concen: 22.05 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049835.D
Acq: 14 Jul 2018 8:32

Tgt Ion: 84 Resp: 317438
Ion Ratio Lower Upper
84 100
49 118.4 95.4 143.2
51 35.3 28.4 42.6
86 65.0 52.6 79.0

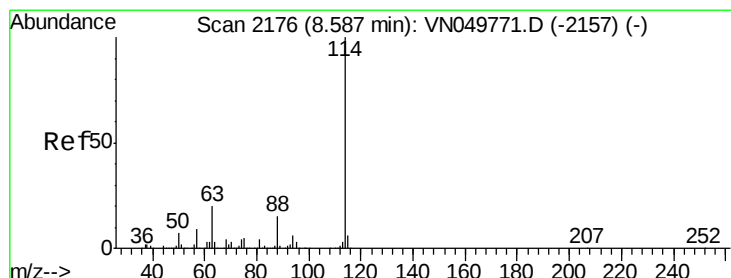
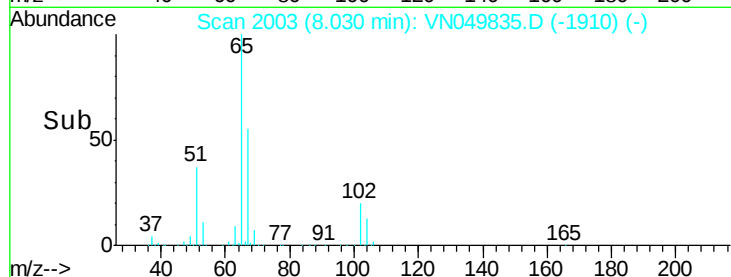
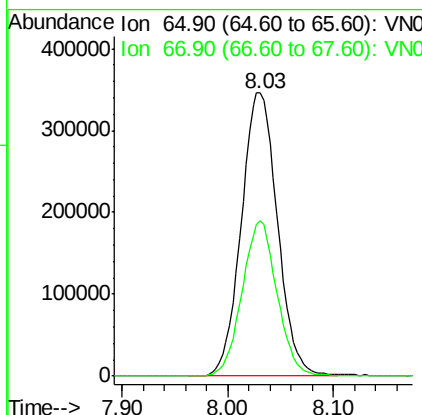
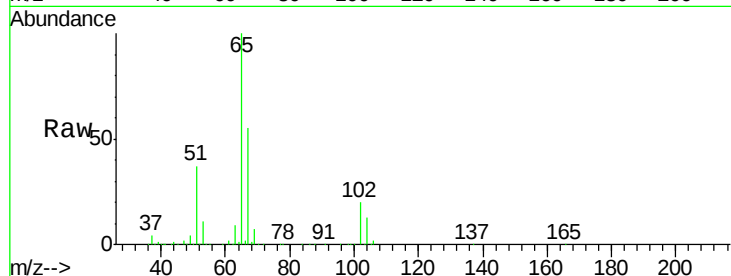




#33
 1,2-Dichloroethane-d4
 Concen: 60.27 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

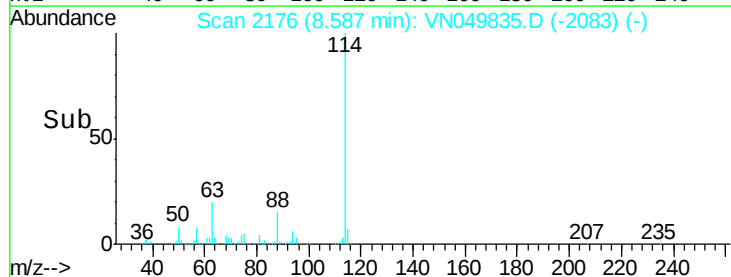
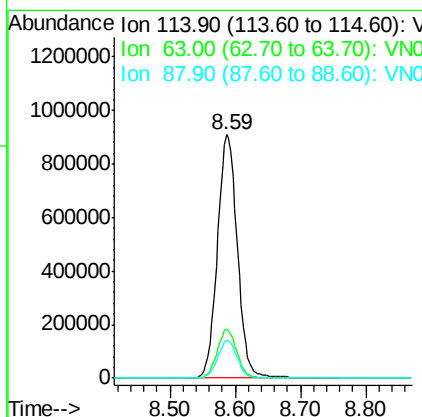
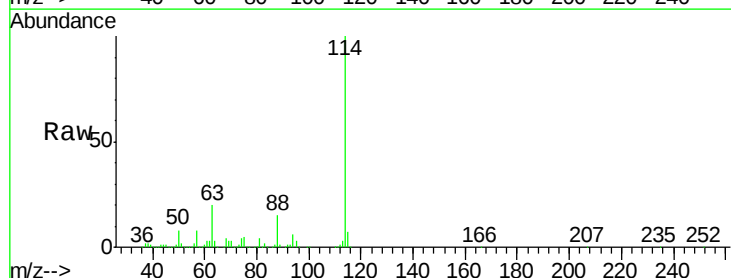
Instrument :
 MSVOA_N
 ClientSampleId :
 CS-STONE

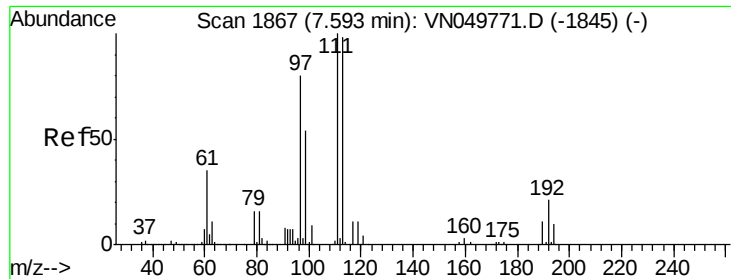
Tot Ion: 65 Resp: 826710
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

Tgt Ion: 114 Resp: 1935267
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.4 0.0 30.6

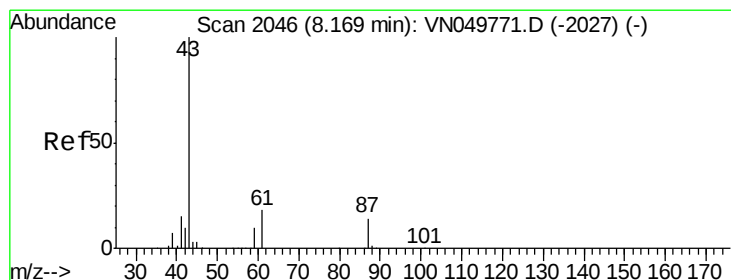
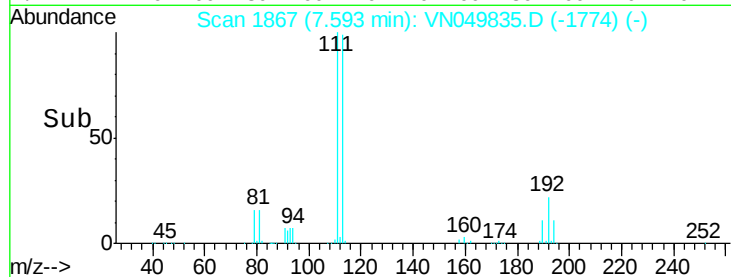
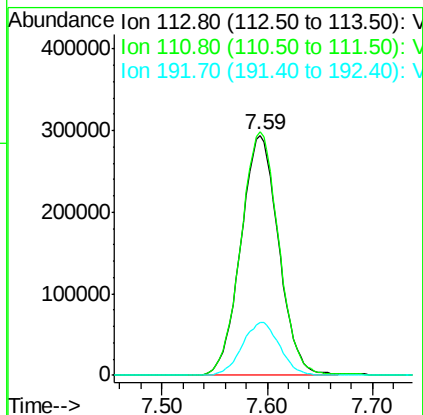
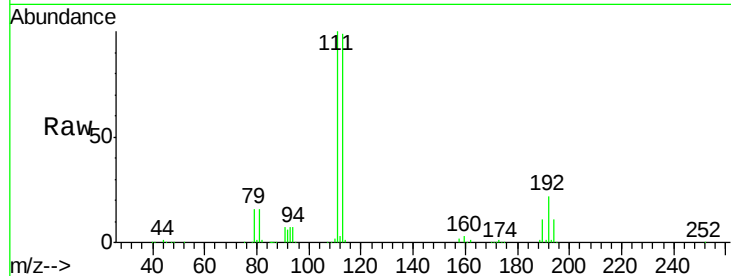




#35
 Dibromofluoromethane
 Concen: 50.27 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

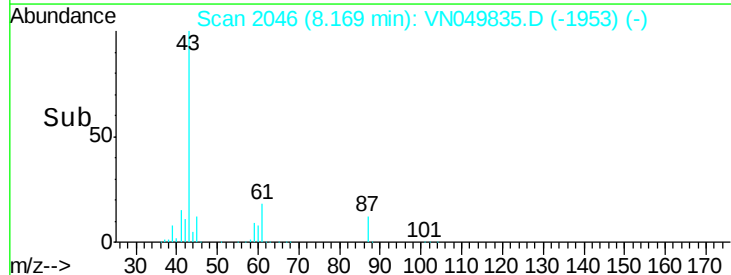
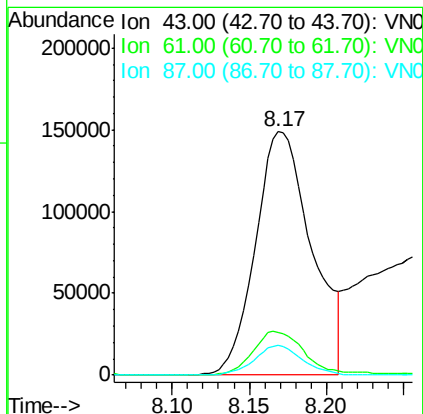
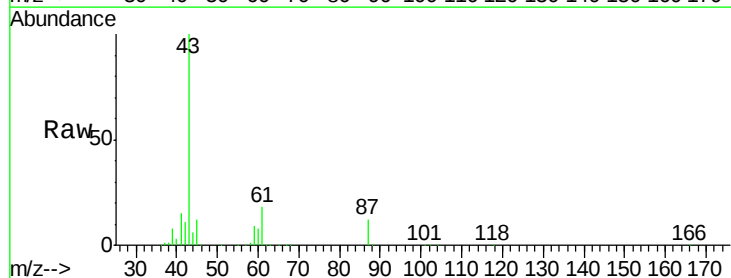
Instrument :
 MSVOA_N
 ClientSampleId :
 CS-STONE

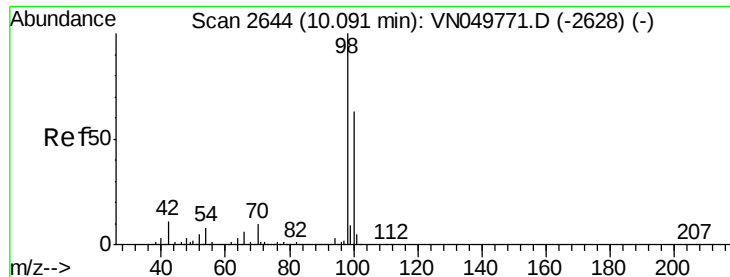
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	22.0	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 15.83 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.9	14.9	22.3
87	10.5	10.0	15.0





#50

Toluene-d8

Concen: 52.30 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

Instrument :

MSVOA_N

ClientSampleId :

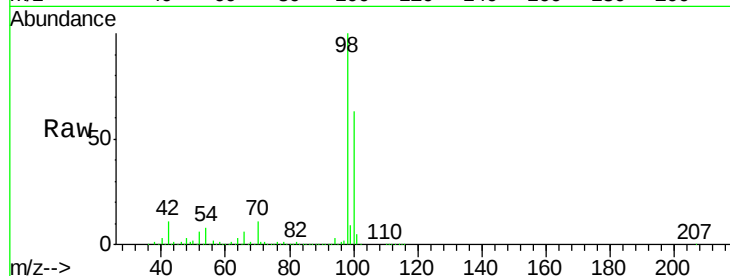
CS-STONE

Tot Ion: 98 Resp: 2611511

Ion Ratio Lower Upper

98 100

100 63.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049771.D (-2628) (-)

Ion 100.00 (99.70 to 100.70): VN049771.D (-2628) (-)

10.09

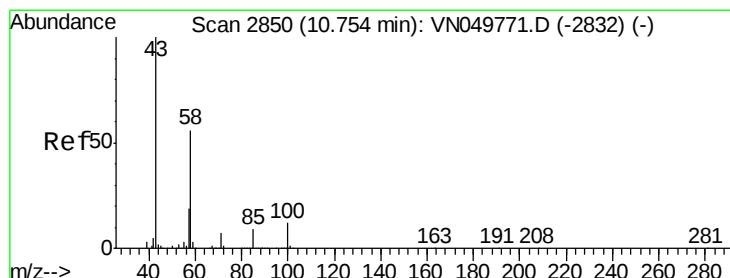
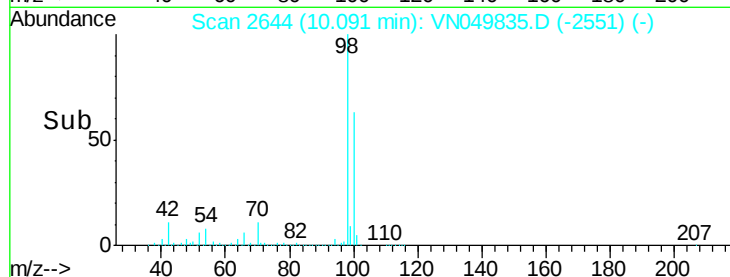
1500000

1000000

500000

0

Time-->



#59

2-Hexanone

Concen: 3.31 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049835.D

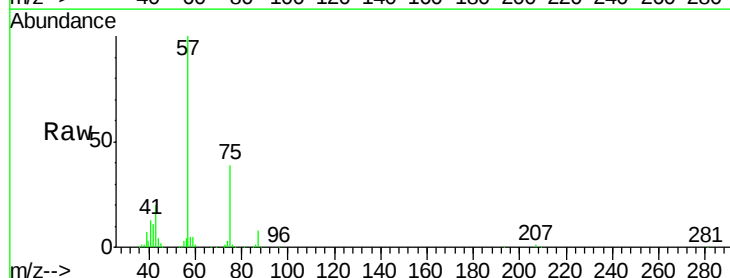
Acq: 14 Jul 2018 8:32

Tgt Ion: 43 Resp: 28389

Ion Ratio Lower Upper

43 100

58 27.1 27.8 83.4#



Abundance Ion 43.00 (42.70 to 43.70): VN049771.D (-2832) (-)

Ion 58.00 (57.70 to 58.70): VN049771.D (-2832) (-)

10.77

20000

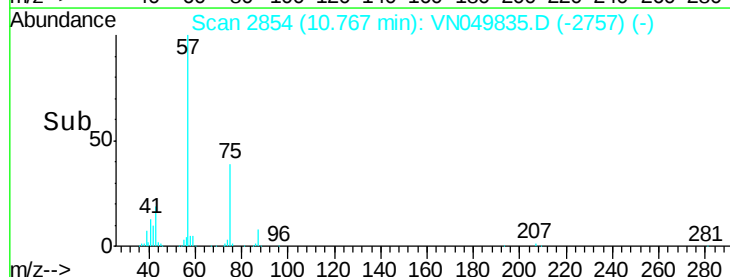
15000

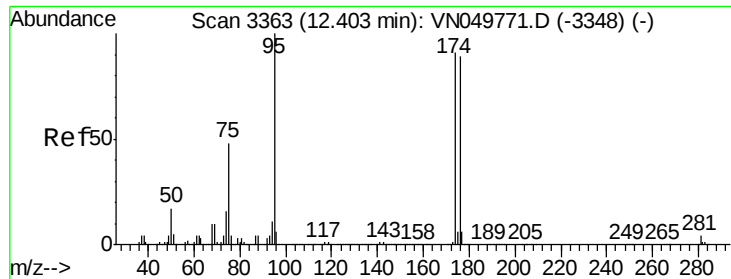
10000

5000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 41.04 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

Instrument :

MSVOA_N

ClientSampleId :

CS-STONE

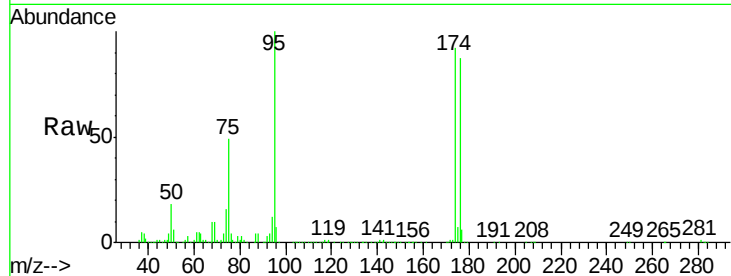
Tot Ion: 95 Resp: 731893

Ion Ratio Lower Upper

95 100

174 91.6 0.0 179.6

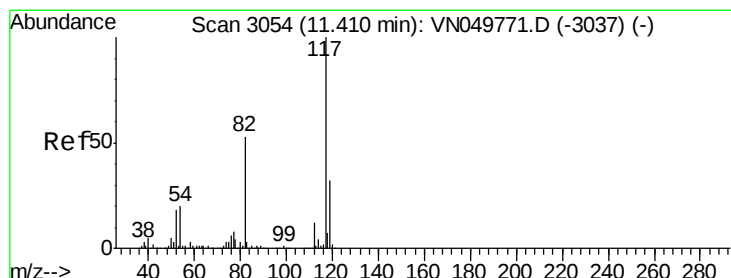
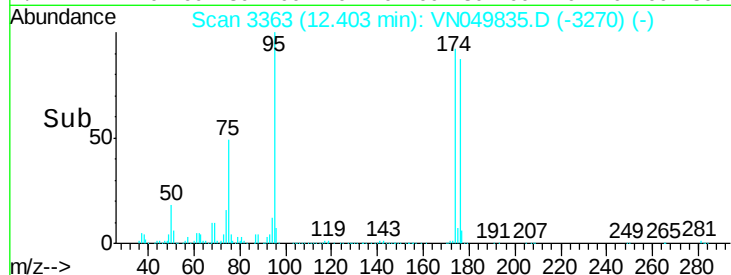
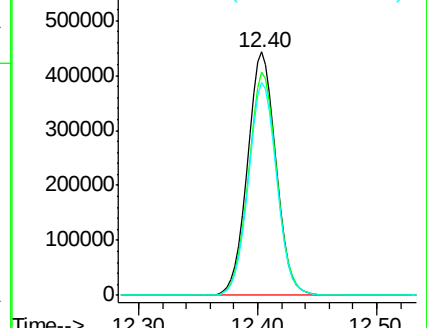
176 87.1 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049835.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049835.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049835.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

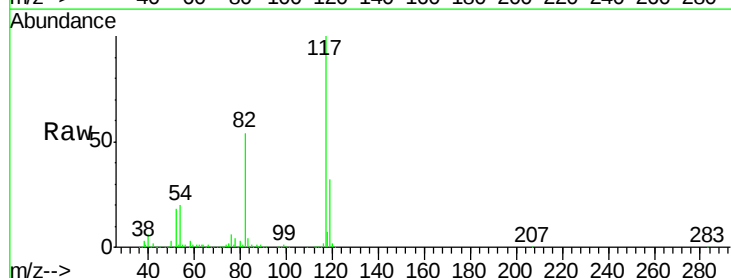
Tgt Ion: 117 Resp: 1631245

Ion Ratio Lower Upper

117 100

82 54.4 41.9 62.9

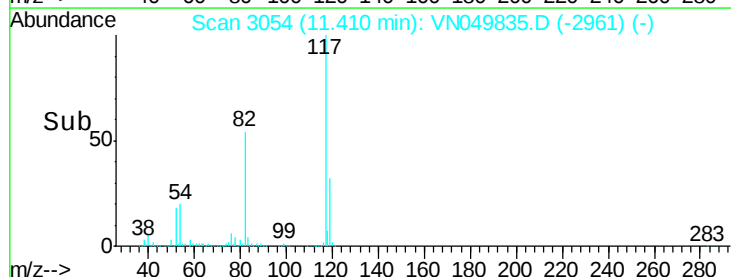
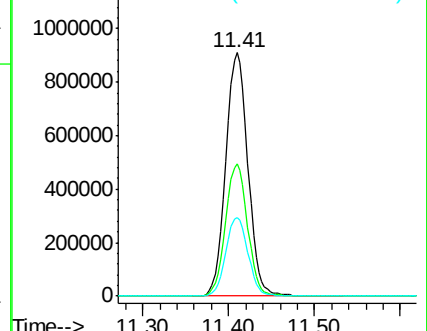
119 32.5 25.4 38.2

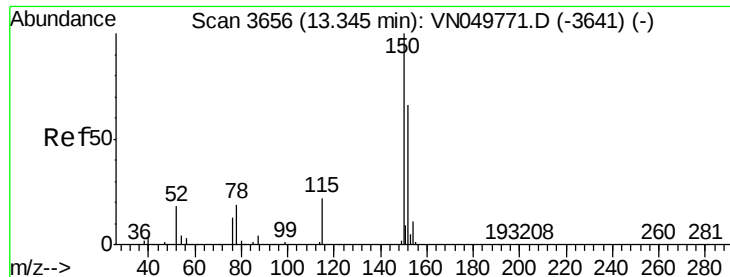


Abundance Ion 116.90 (116.60 to 117.60): VN049835.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049835.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049835.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: VN049835.D

Acq: 14 Jul 2018 8:32

Instrument :

MSVOA_N

ClientSampleId :

CS-STONE

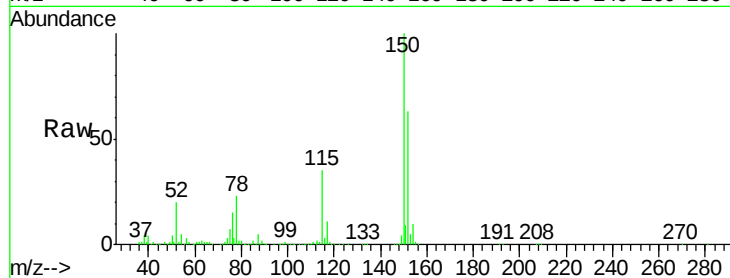
Tot Ion:152 Resp: 617792

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.2

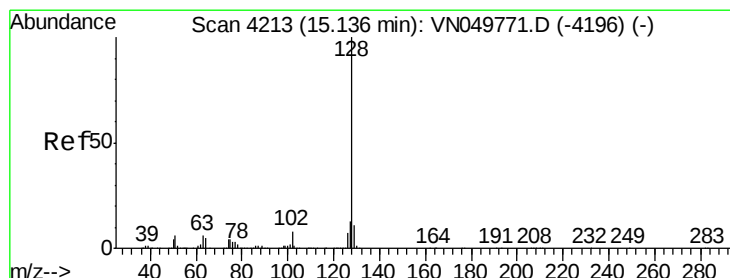
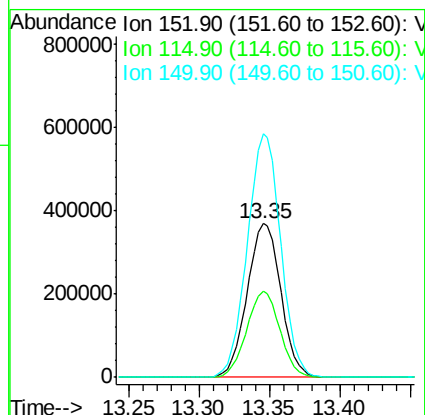
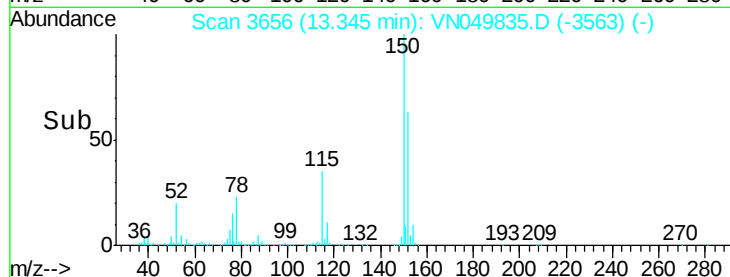
150 156.8 0.0 347.6



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: 8.93 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

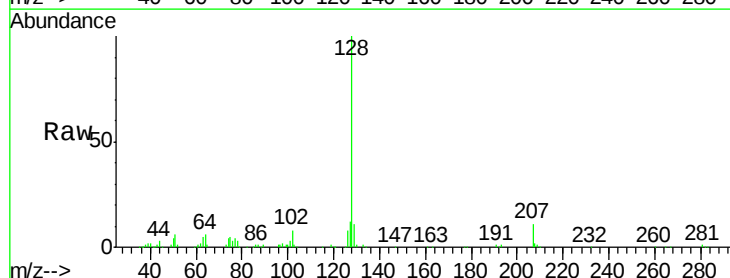
Tgt Ion:128 Resp: 145852

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.6 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

