

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050752.D
 Acq On : 18 Aug 2018 5:23
 Operator : MD\SY
 Sample : J4521-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT26100

Quant Time: Aug 18 06:31:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	617785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1006796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	866895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	301114	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	416419	53.47	ug/l	0.00
Spiked Amount						
			Recovery	=	106.94%	
35) Dibromofluoromethane	7.59	113	392655	48.85	ug/l	0.00
Spiked Amount						
			Recovery	=	97.70%	
50) Toluene-d8	10.09	98	1375853	45.48	ug/l	0.00
Spiked Amount						
			Recovery	=	90.96%	
62) 4-Bromofluorobenzene	12.40	95	377480	37.77	ug/l	0.00
Spiked Amount						
			Recovery	=	75.54%	

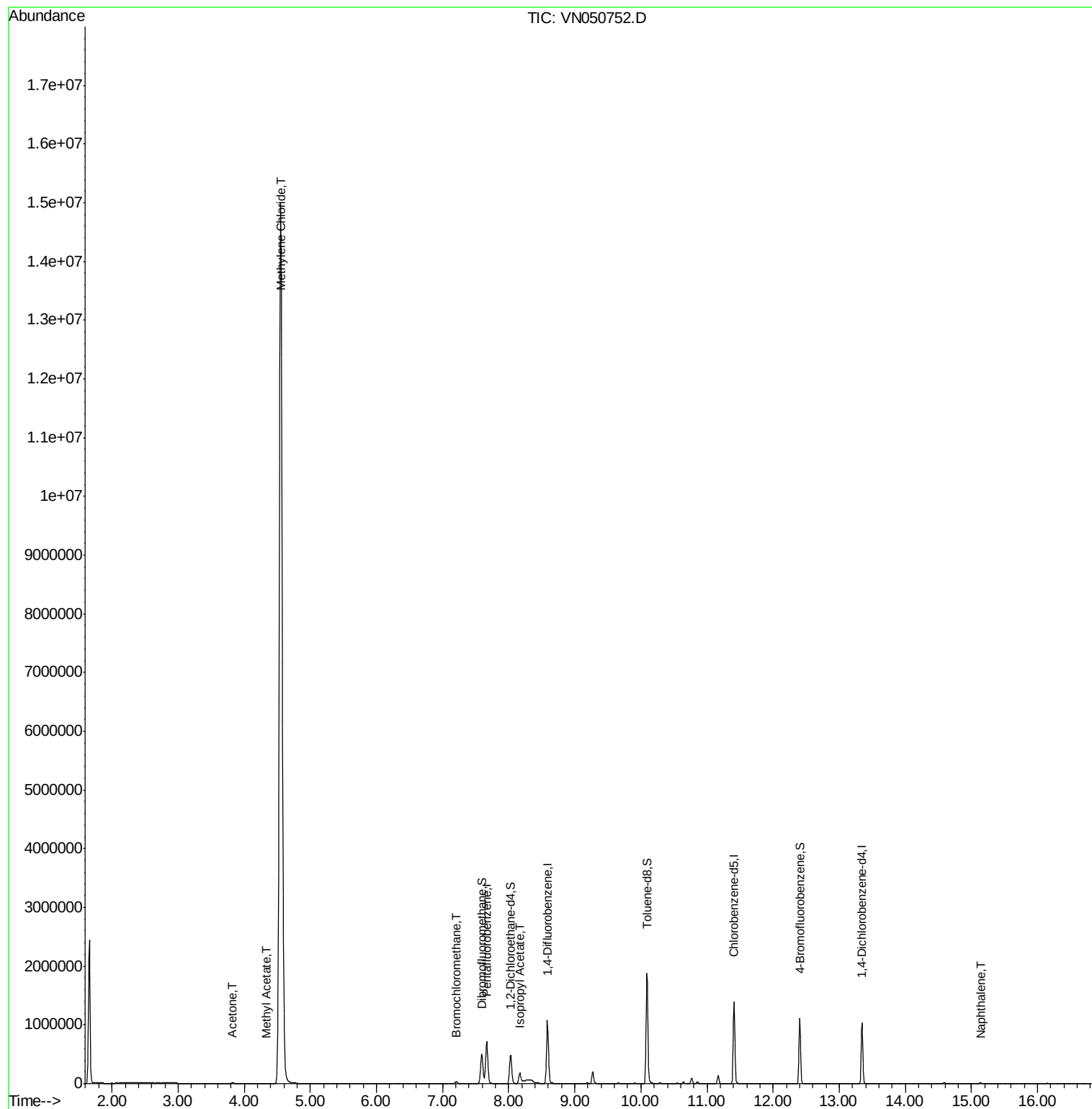
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	33323	15.78	ug/l	97
18) Methyl Acetate	4.33	43	13486	1.50	ug/l #	82
20) Methylene Chloride	4.55	84	11928817	1652.40	ug/l	98
28) Bromochloromethane	7.20	49	21132	3.36	ug/l	99
43) Isopropyl Acetate	8.17	43	230472	19.96	ug/l	97
95) Naphthalene	15.14	128	7115	4.43	ug/l	96

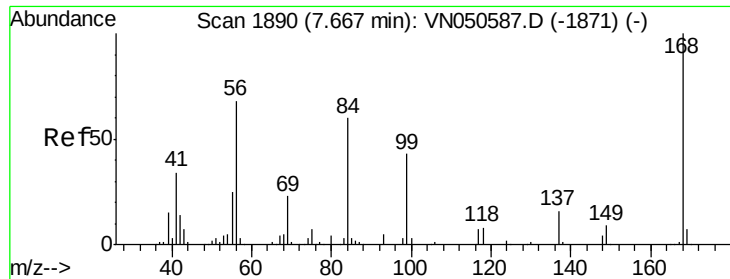
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050752.D

Acq: 18 Aug 2018 5:23

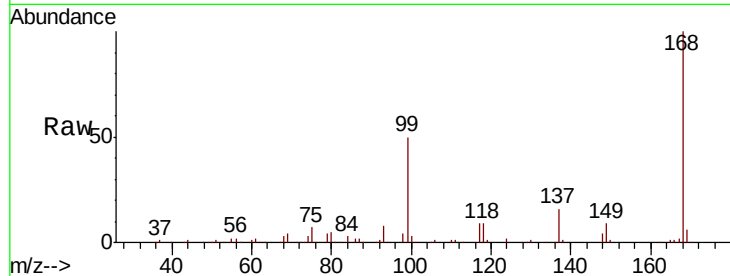
Instrument :
MSVOA_N
ClientSampleId :
CHRT26100

Tot Ion:168 Resp: 617785

Ion Ratio Lower Upper

168 100

99 50.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

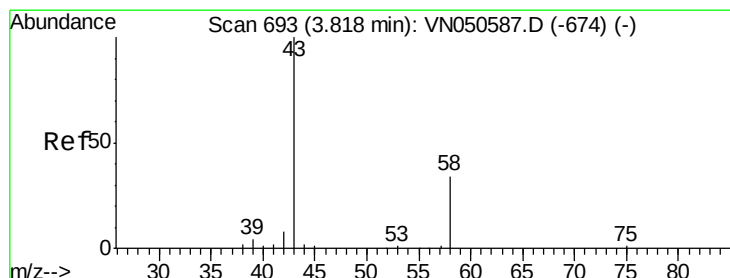
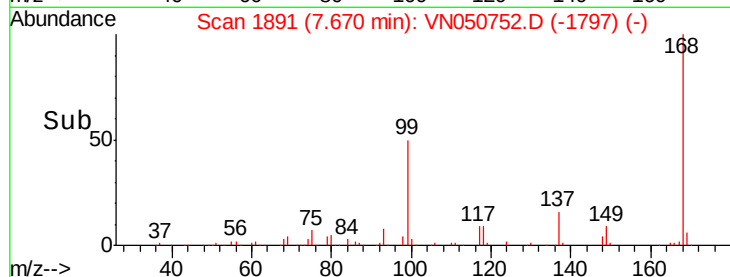
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 15.78 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050752.D

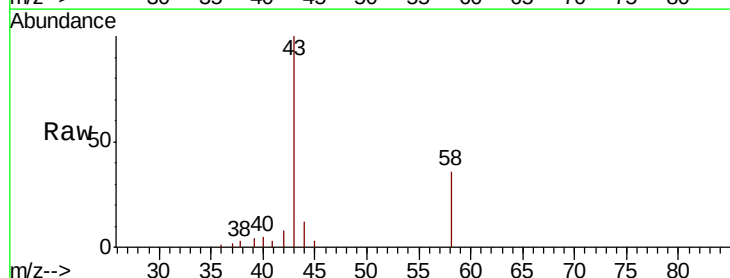
Acq: 18 Aug 2018 5:23

Tgt Ion: 43 Resp: 33323

Ion Ratio Lower Upper

43 100

58 35.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

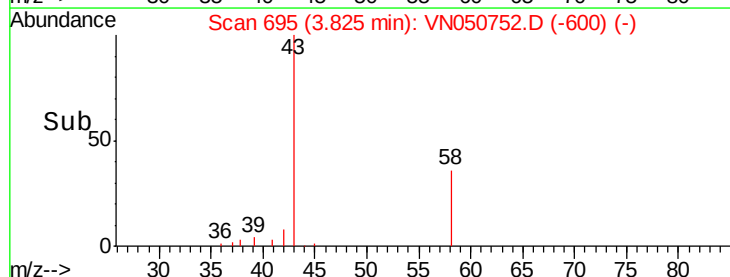
3.82

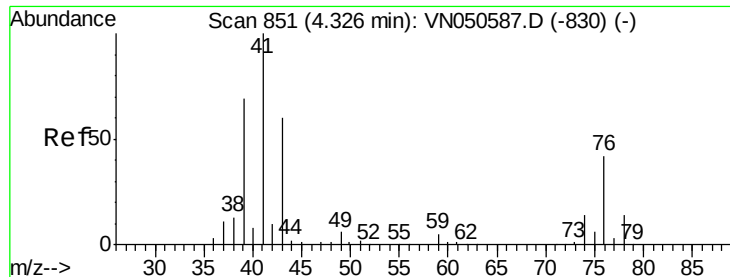
10000

5000

0

Time--> 3.75 3.80 3.85 3.90

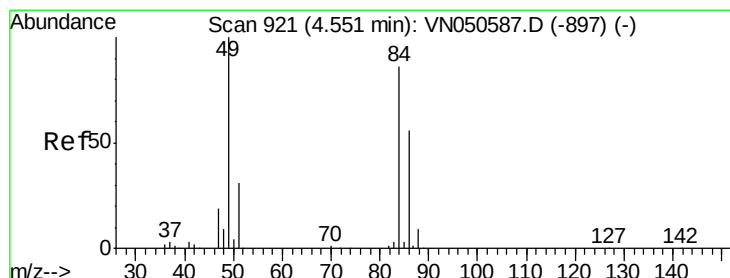
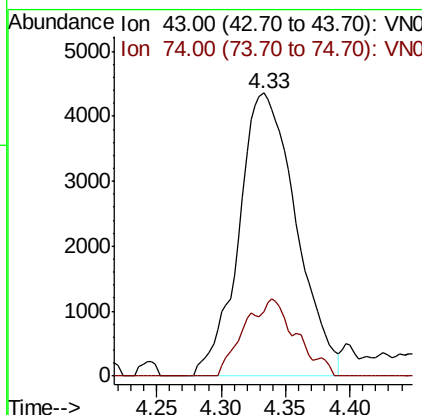
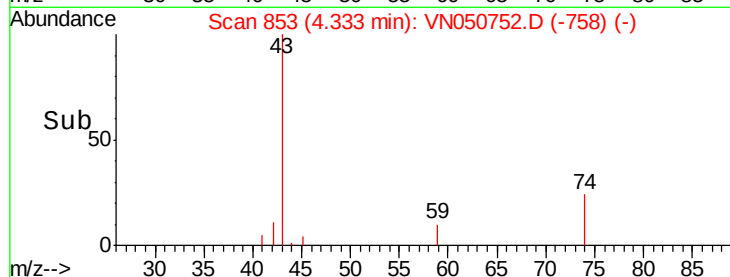
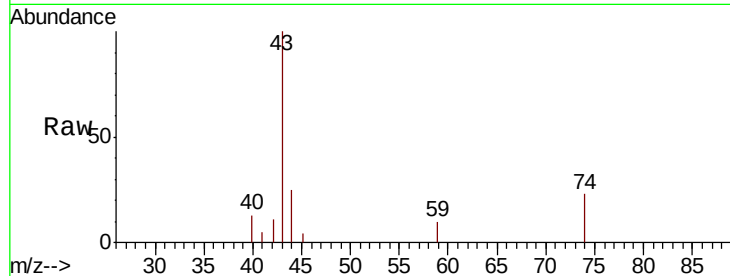




#18
Methyl Acetate
Concen: 1.50 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050752.D
Acq: 18 Aug 2018 5:23

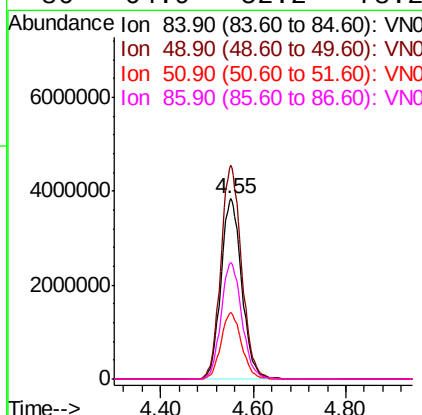
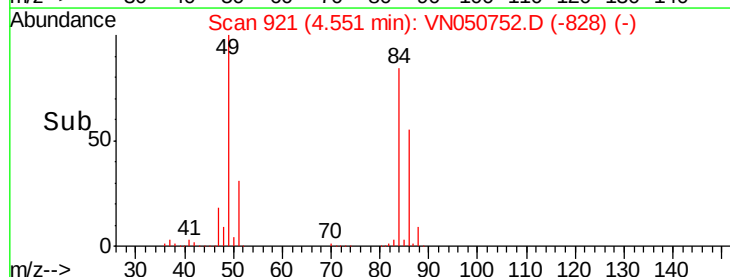
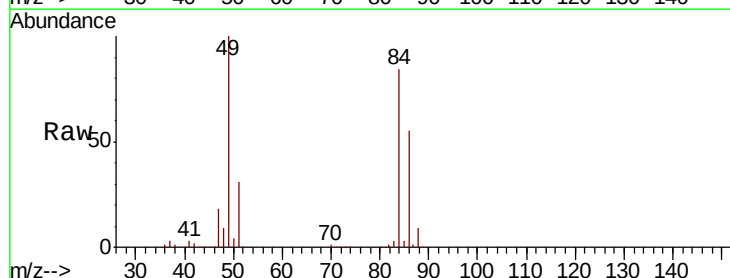
Instrument :
MSVOA_N
ClientSampleId :
CHRT26100

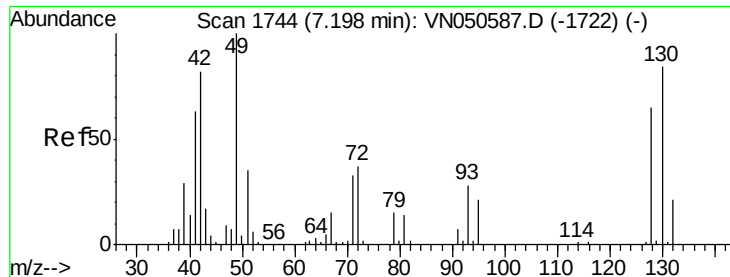
Tot Ion: 43 Resp: 13486
Ion Ratio Lower Upper
43 100
74 15.8 19.7 29.5#



#20
Methylene Chloride
Concen: 1652.40 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050752.D
Acq: 18 Aug 2018 5:23

Tgt Ion: 84 Resp: 11928817
Ion Ratio Lower Upper
84 100
49 118.6 92.6 138.8
51 36.8 28.6 43.0
86 64.9 52.2 78.2





#28

Bromochloromethane

Concen: 3.36 ug/l

RT: 7.20 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VN050752.D

Acq: 18 Aug 2018 5:23

Instrument :

MSVOA_N

ClientSampleId :

CHRT26100

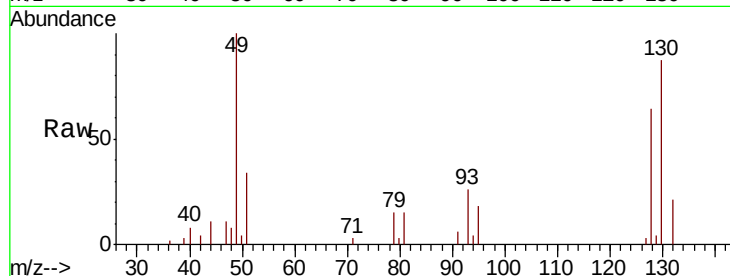
Tot Ion: 49 Resp: 21132

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

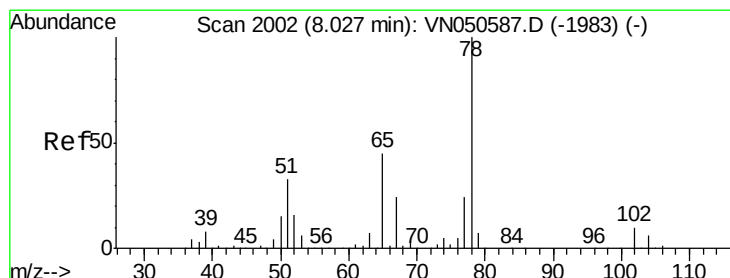
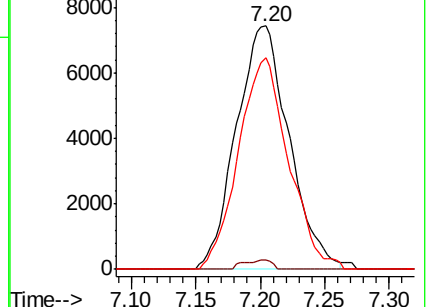
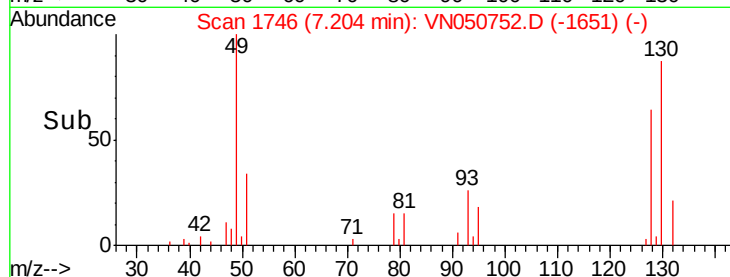
130 82.4 66.8 100.2



Abundance Ion 48.90 (48.60 to 49.60): VN050752.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN050752.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN050752.D (-1651) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.47 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050752.D

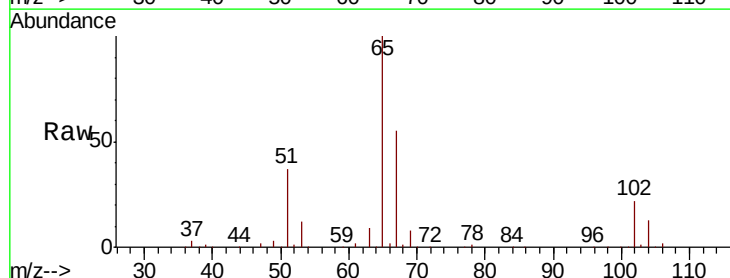
Acq: 18 Aug 2018 5:23

Tgt Ion: 65 Resp: 416419

Ion Ratio Lower Upper

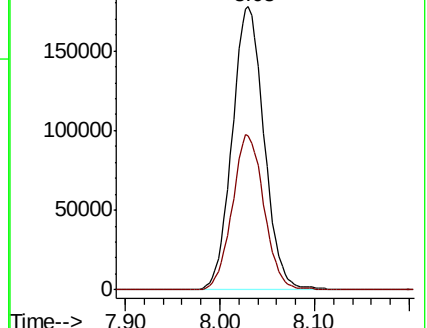
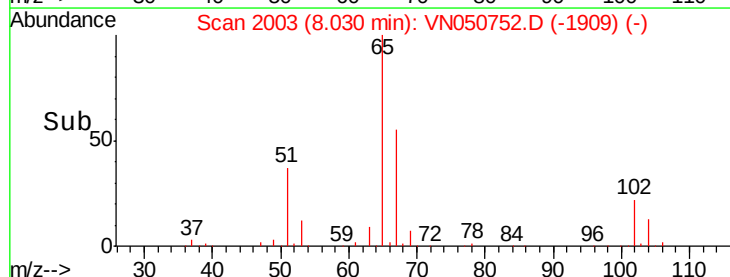
65 100

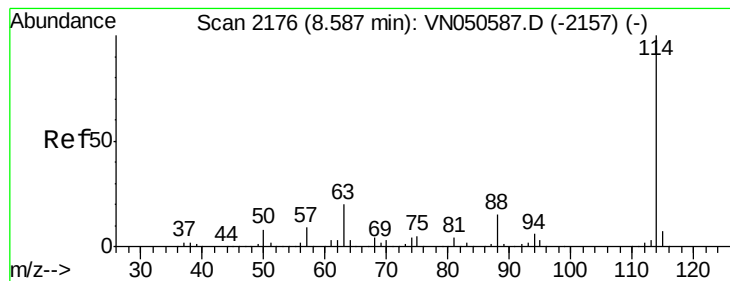
67 54.5 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN050752.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN050752.D (-1909) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050752.D

Acq: 18 Aug 2018 5:23

Instrument :

MSVOA_N

ClientSampleId :

CHRT26100

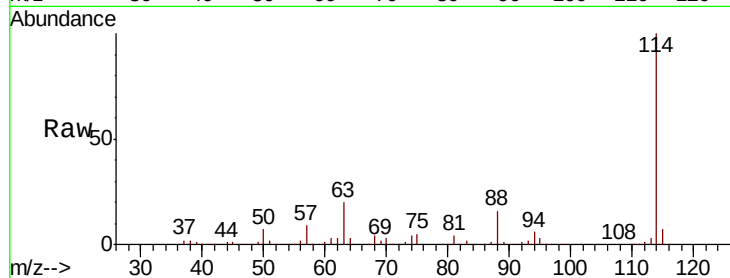
Tot Ion:114 Resp: 1006796

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

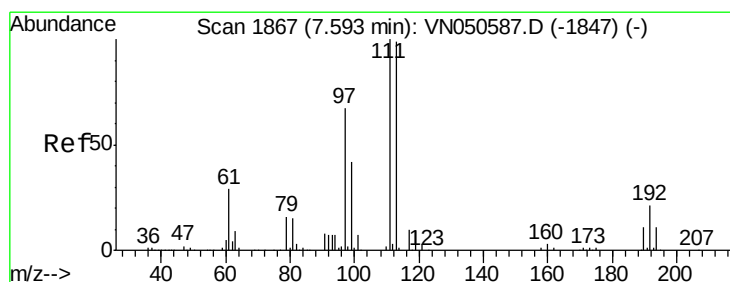
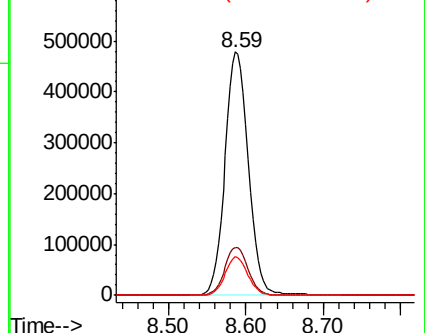
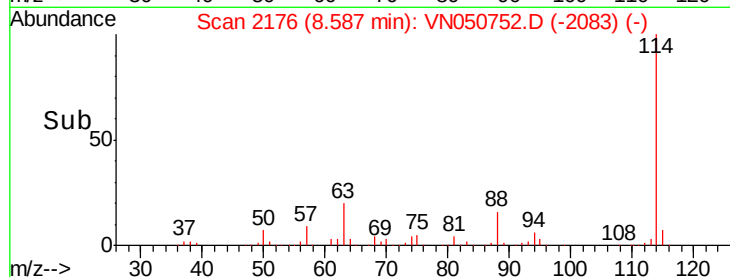
88 15.8 0.0 30.8



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: 48.85 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050752.D

Acq: 18 Aug 2018 5:23

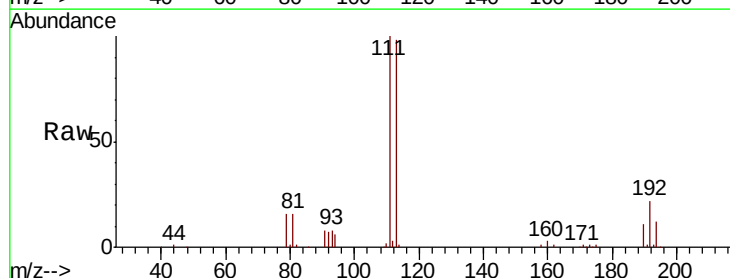
Tgt Ion:113 Resp: 392655

Ion Ratio Lower Upper

113 100

111 101.9 81.0 121.6

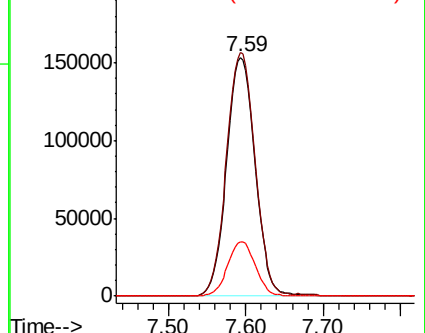
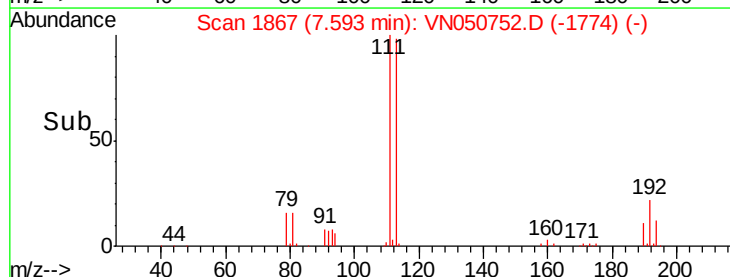
192 22.1 17.6 26.4

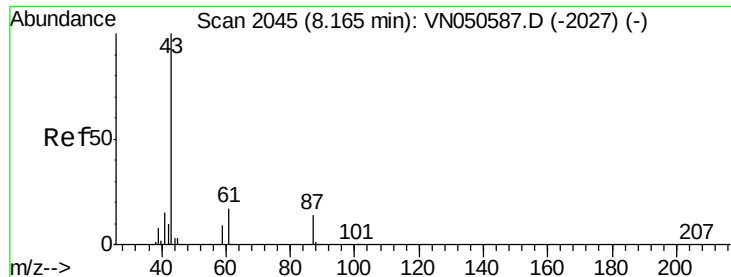


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 19.96 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050752.D

Acq: 18 Aug 2018 5:23

Instrument :

MSVOA_N

ClientSampleId :

CHRT26100

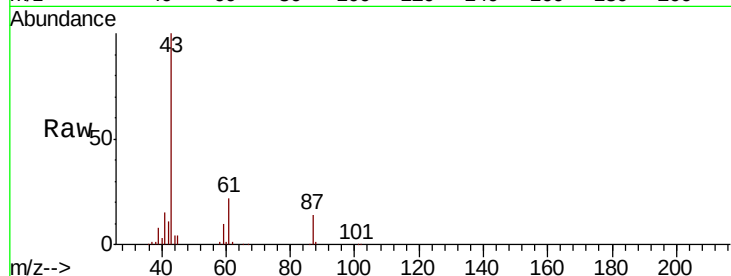
Tot Ion: 43 Resp: 230472

Ion Ratio Lower Upper

43 100

61 19.3 16.2 24.2

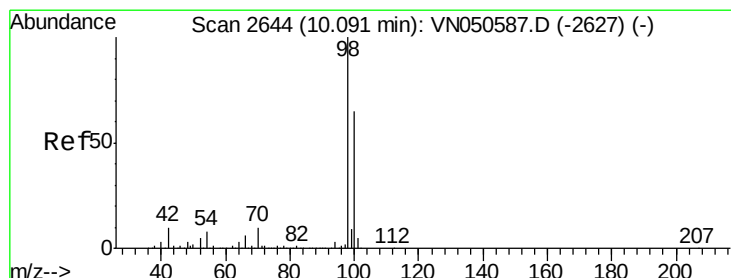
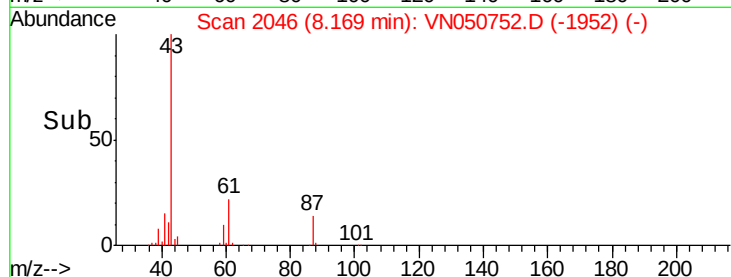
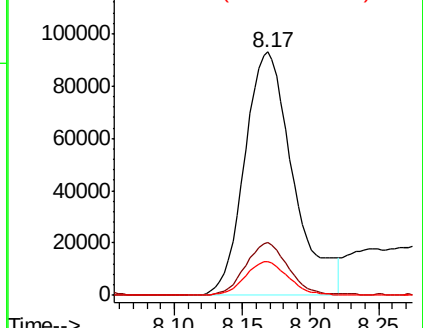
87 12.3 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050752.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN050752.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN050752.D (-1952) (-)



#50

Toluene-d8

Concen: 45.48 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050752.D

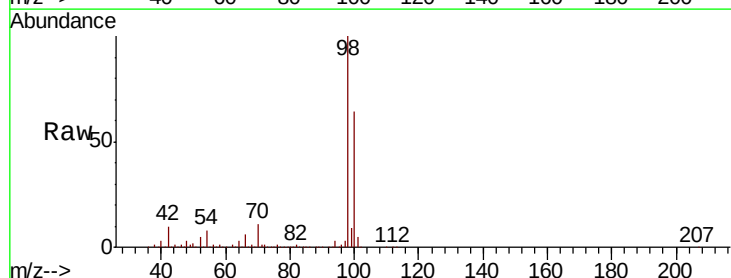
Acq: 18 Aug 2018 5:23

Tgt Ion: 98 Resp: 1375853

Ion Ratio Lower Upper

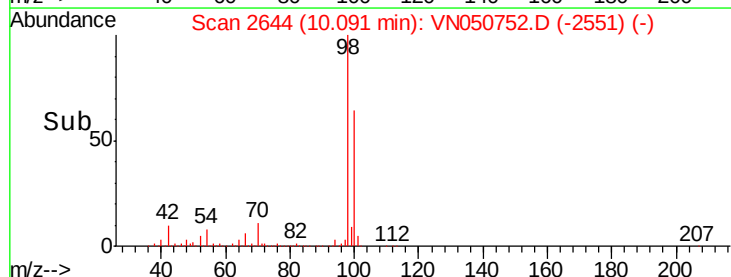
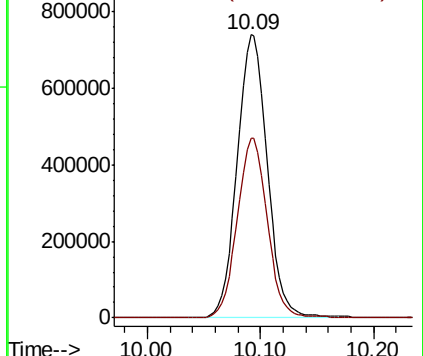
98 100

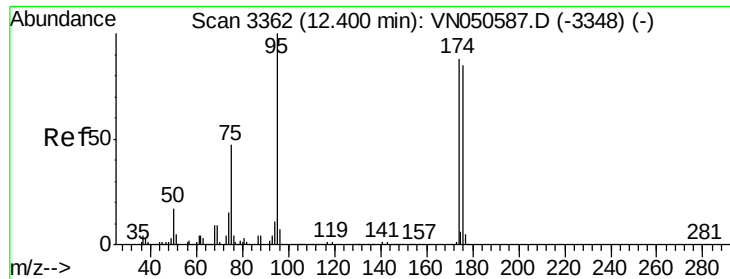
100 63.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050752.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN050752.D (-2551) (-)





#62

4-Bromofluorobenzene

Concen: 37.77 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050752.D

Acq: 18 Aug 2018 5:23

Instrument :

MSVOA_N

ClientSampleId :

CHRT26100

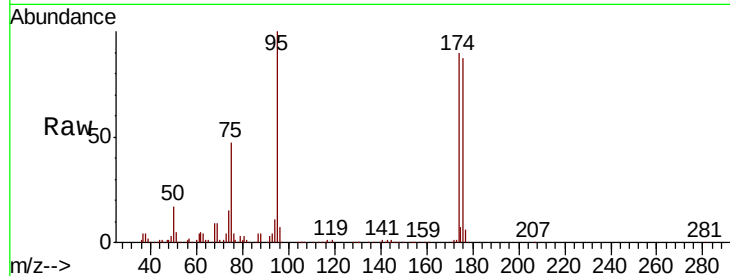
Tot Ion: 95 Resp: 377480

Ion Ratio Lower Upper

95 100

174 89.8 0.0 177.8

176 86.5 0.0 175.0



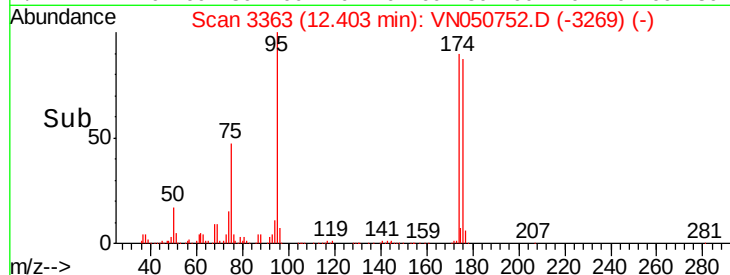
Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)

12.40

Time-->



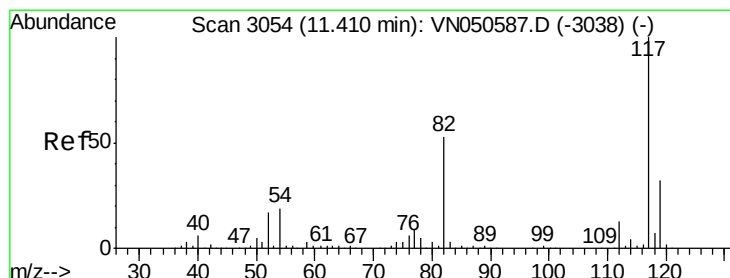
Abundance Ion 94.90 (94.60 to 95.60): VN050752.D (-3269) (-)

Ion 173.80 (173.50 to 174.50): VN050752.D (-3269) (-)

Ion 175.80 (175.50 to 176.50): VN050752.D (-3269) (-)

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: VN050752.D

Acq: 18 Aug 2018 5:23

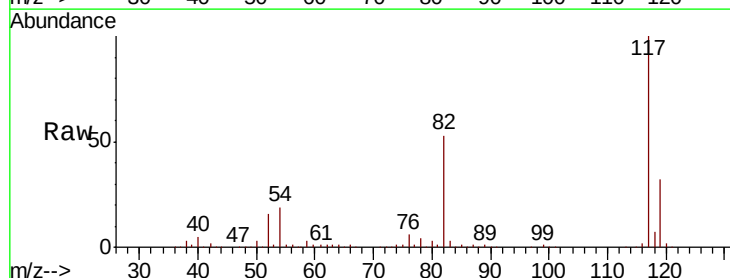
Tgt Ion: 117 Resp: 866895

Ion Ratio Lower Upper

117 100

82 53.3 42.4 63.6

119 32.0 25.8 38.8



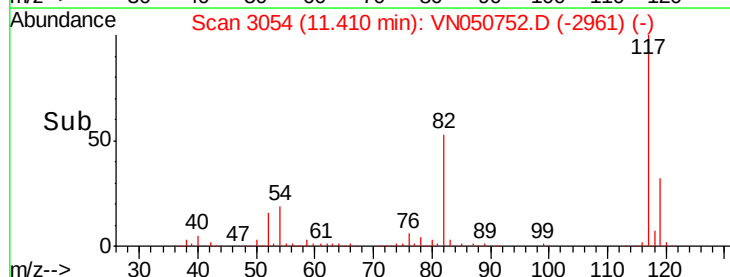
Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050587.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050587.D (-3038) (-)

11.41

Time-->



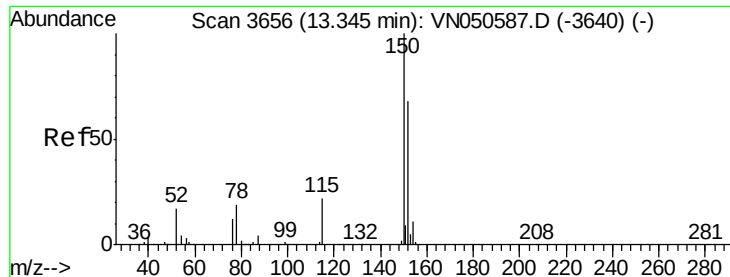
Abundance Ion 116.90 (116.60 to 117.60): VN050752.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050752.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050752.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: VN050752.D

Acq: 18 Aug 2018 5:23

Instrument :

MSVOA_N

ClientSampleId :

CHRT26100

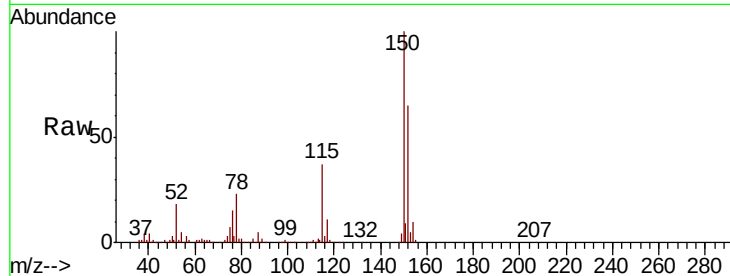
Tot Ion:152 Resp: 301114

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.2

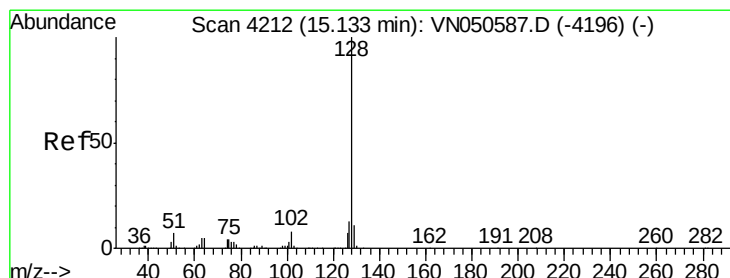
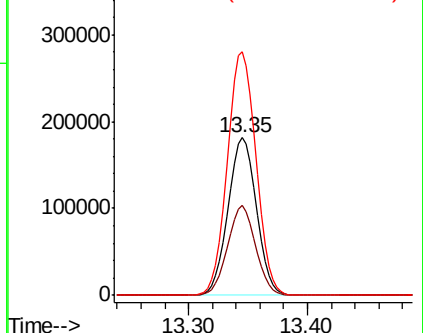
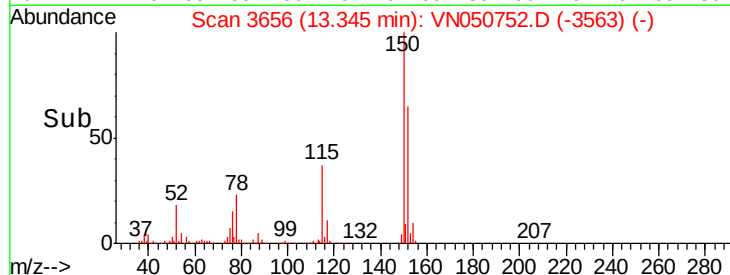
150 155.6 0.0 347.8



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: 4.43 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050752.D

Acq: 18 Aug 2018 5:23

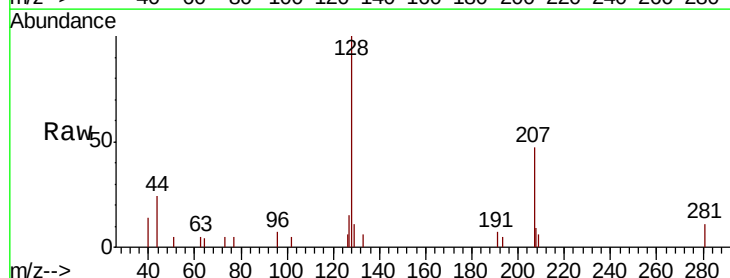
Tgt Ion:128 Resp: 7115

Ion Ratio Lower Upper

128 100

127 10.9 10.3 15.5

129 9.2 8.5 12.7



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

