

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050582.D
 Acq On : 13 Aug 2018 20:54
 Operator : MD\SY
 Sample : J4274-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-080918

Quant Time: Aug 14 02:22:03 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	631445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1037276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	898083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	340709	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	435605	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
35) Dibromofluoromethane	7.59	113	407276	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
50) Toluene-d8	10.09	98	1428694	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	
62) 4-Bromofluorobenzene	12.40	95	397901	37.31	ug/l	0.00
Spiked Amount			Recovery	=	74.62%	

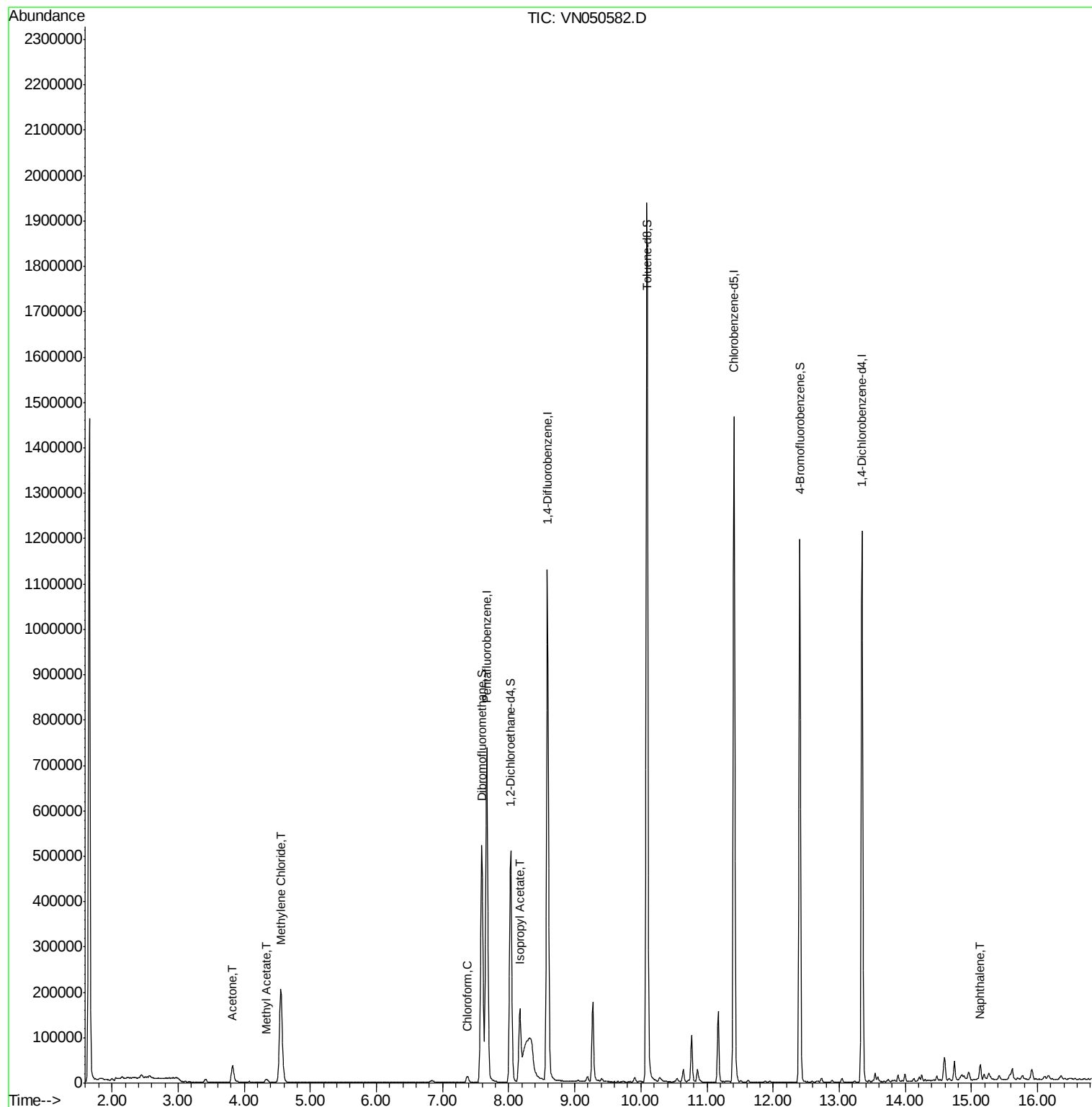
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	64537	25.33	ug/l	95
18) Methyl Acetate	4.34	43	15227	2.14	ug/l	# 74
20) Methylene Chloride	4.55	84	161250	20.03	ug/l	98
30) Chloroform	7.38	83	16154	1.18	ug/l	97
43) Isopropyl Acetate	8.17	43	205329	14.49	ug/l	97
95) Naphthalene	15.13	128	28795	5.24	ug/l	98

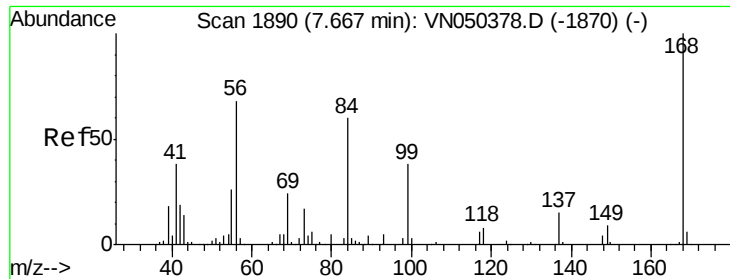
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050582.D

Acq: 13 Aug 2018 20:54

Instrument :

MSVOA_N

ClientSampleId :

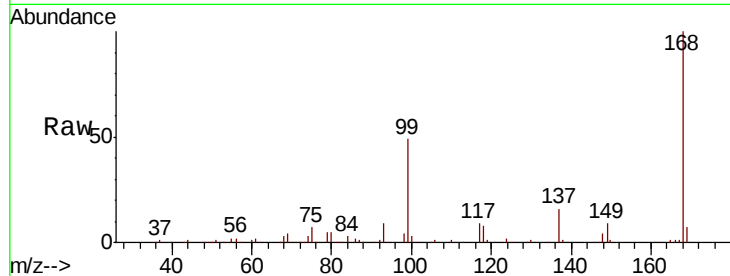
HD-01-080918

Tot Ion:168 Resp: 631445

Ion Ratio Lower Upper

168 100

99 48.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050582.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050582.D (-1797) (-)

7.67

250000

200000

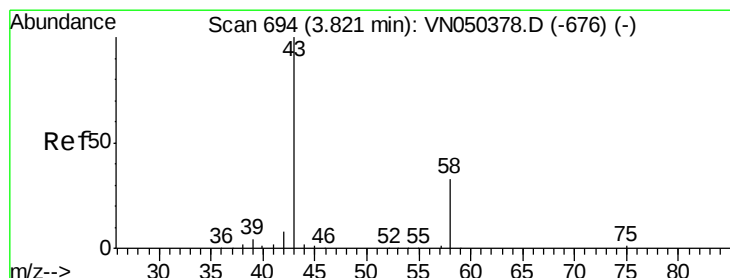
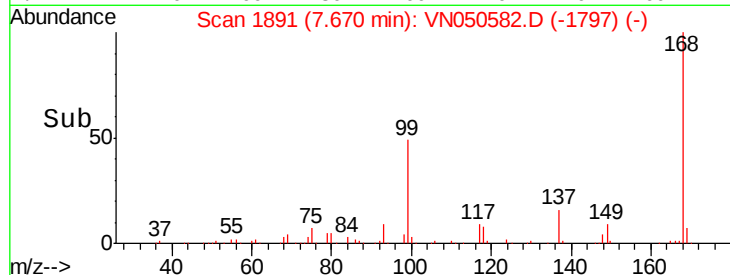
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 25.33 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050582.D

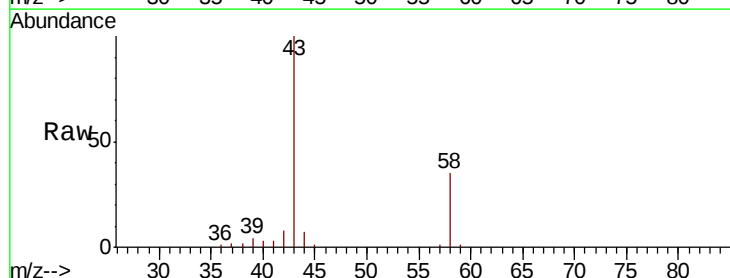
Acq: 13 Aug 2018 20:54

Tgt Ion: 43 Resp: 64537

Ion Ratio Lower Upper

43 100

58 35.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050582.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN050582.D (-601) (-)

3.82

25000

20000

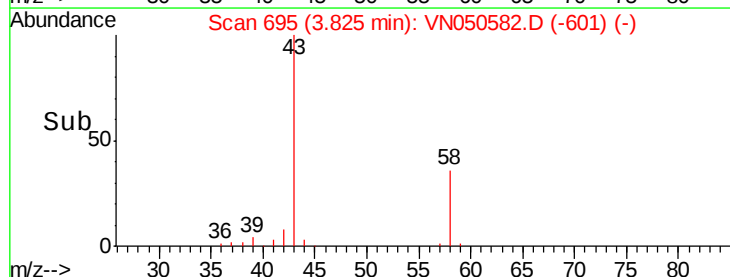
15000

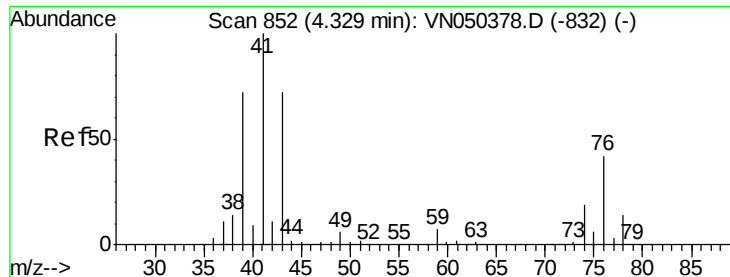
10000

5000

0

Time-->

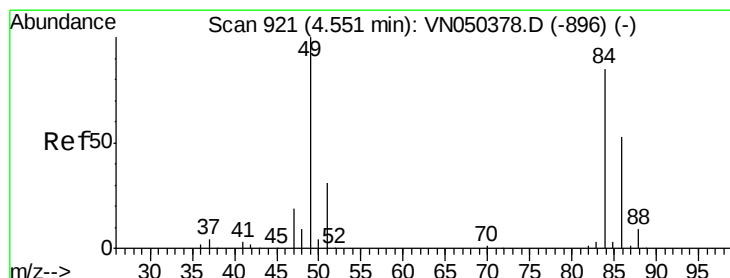
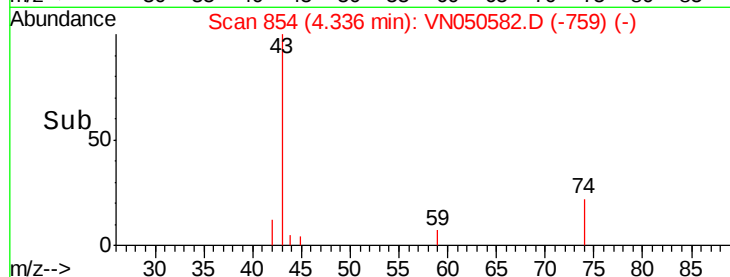
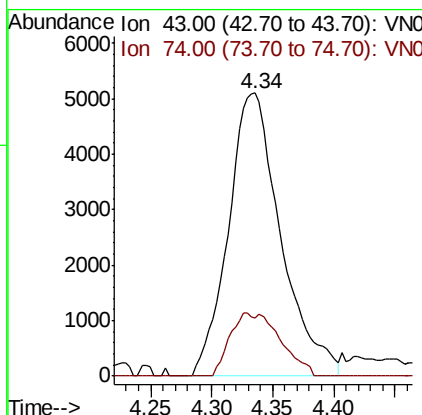
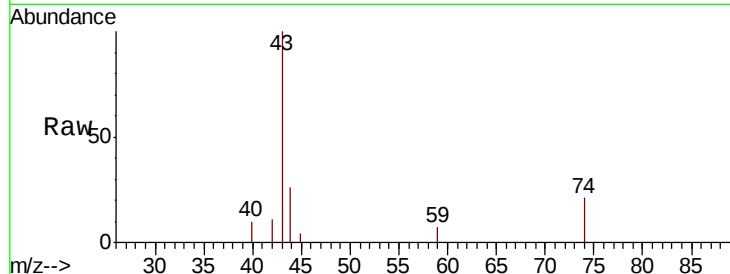




#18
Methyl Acetate
Concen: 2.14 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050582.D
Acq: 13 Aug 2018 20:54

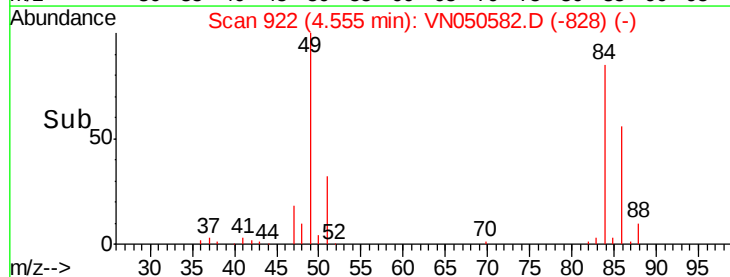
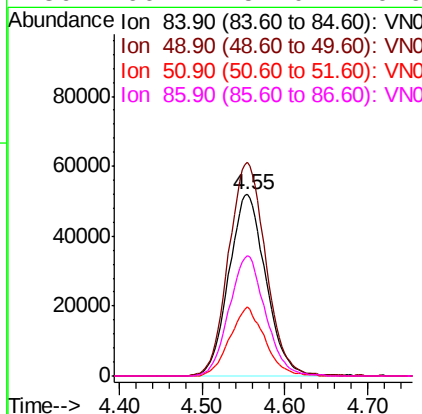
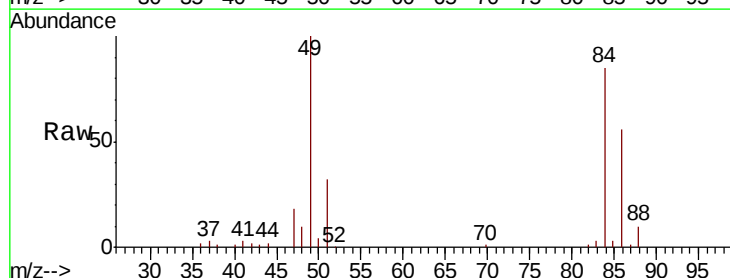
Instrument :
MSVOA_N
ClientSampleId :
HD-01-080918

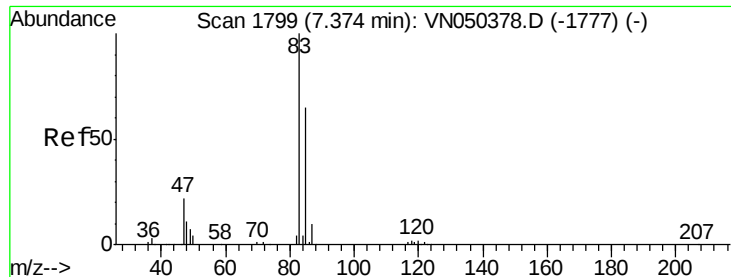
Tot Ion: 43 Resp: 15227
Ion Ratio Lower Upper
43 100
74 11.0 19.2 28.8#



#20
Methylene Chloride
Concen: 20.03 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050582.D
Acq: 13 Aug 2018 20:54

Tgt Ion: 84 Resp: 161250
Ion Ratio Lower Upper
84 100
49 117.8 94.8 142.2
51 37.8 28.3 42.5
86 66.4 51.0 76.6





#30

Chloroform

Concen: 1.18 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050582.D

Acq: 13 Aug 2018 20:54

Instrument :

MSVOA_N

ClientSampleId :

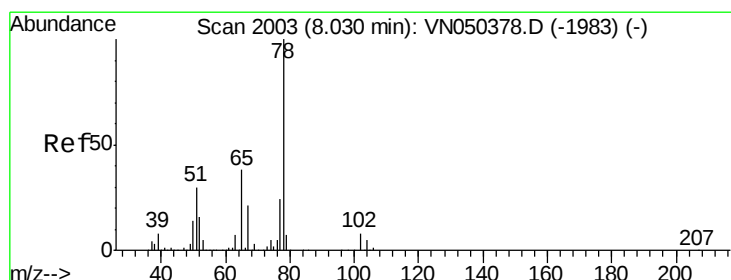
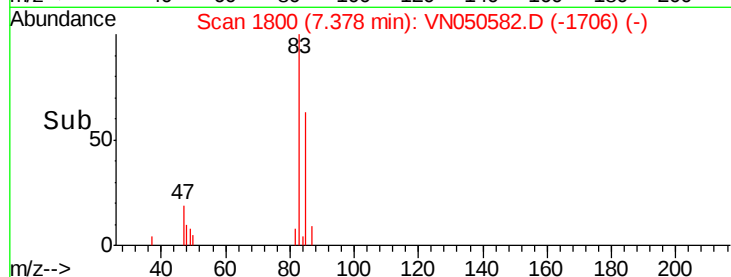
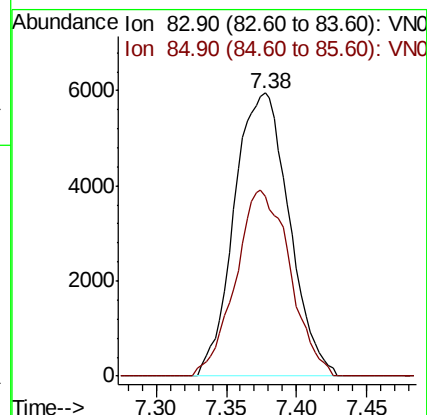
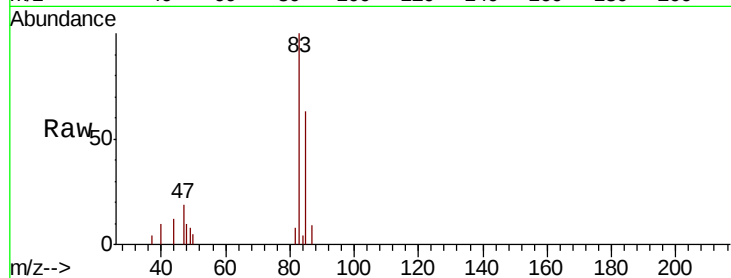
HD-01-080918

Tot Ion: 83 Resp: 16154

Ion Ratio Lower Upper

83 100

85 63.4 52.5 78.7



#33

1,2-Dichloroethane-d4

Concen: 51.63 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050582.D

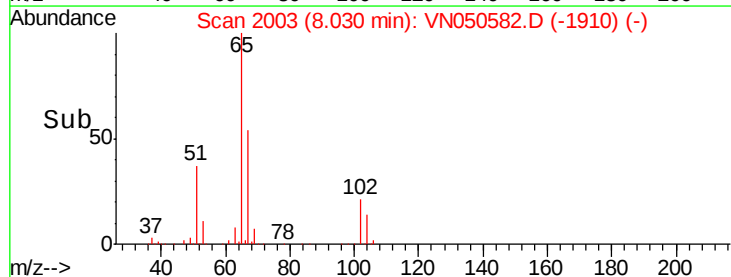
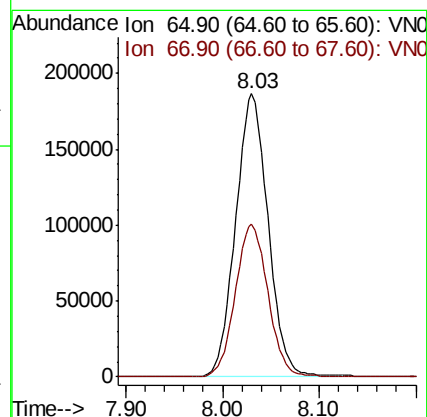
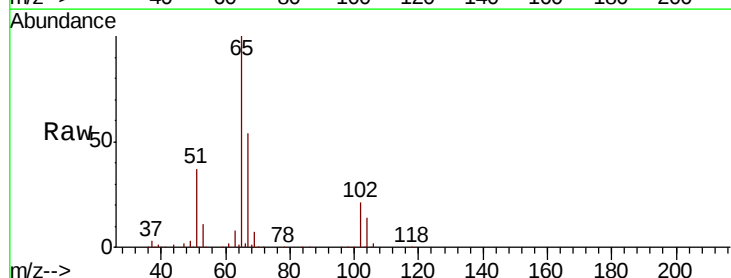
Acq: 13 Aug 2018 20:54

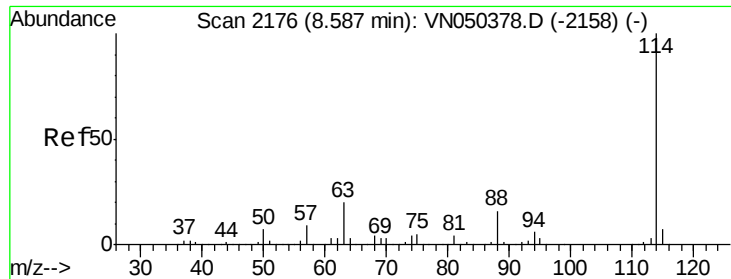
Tgt Ion: 65 Resp: 435605

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.4

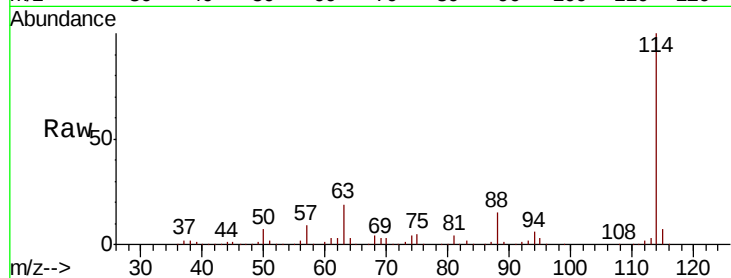




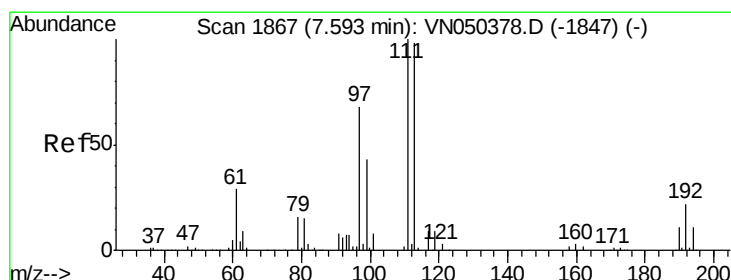
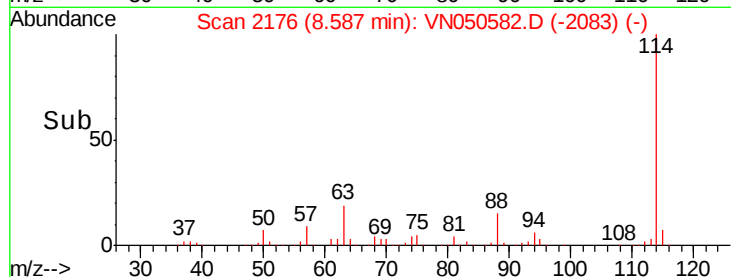
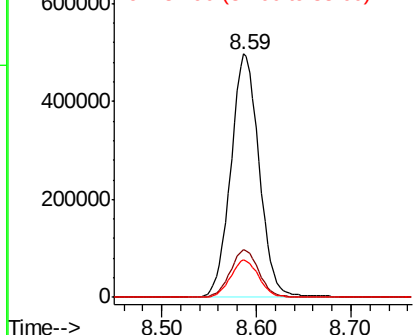
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050582.D
 Acq: 13 Aug 2018 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-080918

Tot Ion:114 Resp: 1037276
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.4 0.0 31.2

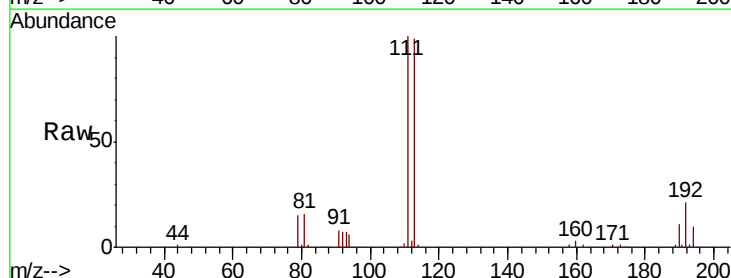


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

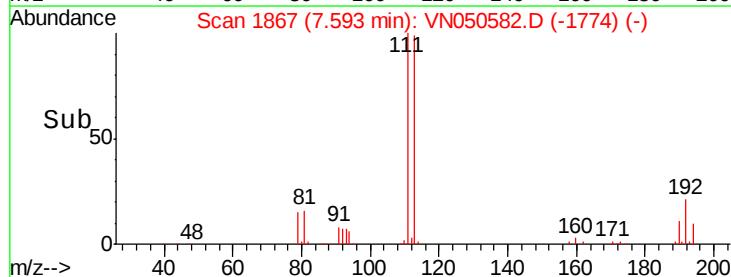
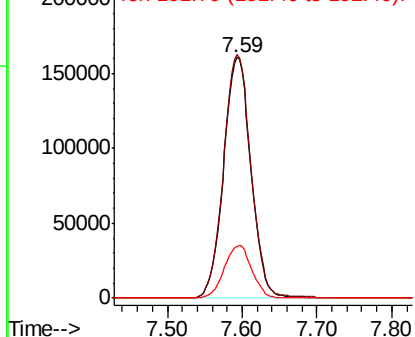


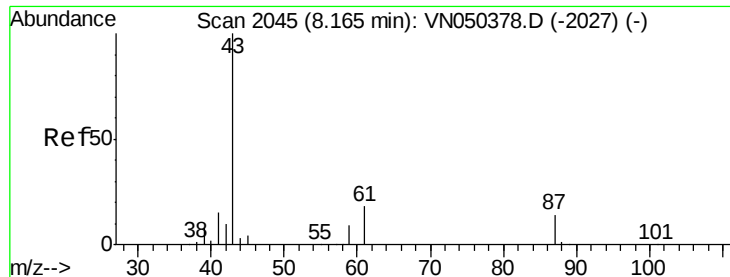
#35
 Dibromofluoromethane
 Concen: 48.93 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050582.D
 Acq: 13 Aug 2018 20:54

Tgt Ion:113 Resp: 407276
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.7 121.1
 192 21.9 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: 14.49 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050582.D

Acq: 13 Aug 2018 20:54

Instrument :

MSVOA_N

ClientSampled :

HD-01-080918

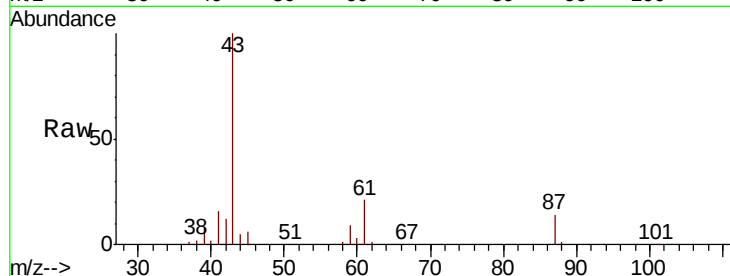
Tot Ion: 43 Resp: 205329

Ion Ratio Lower Upper

43 100

61 18.1 15.8 23.6

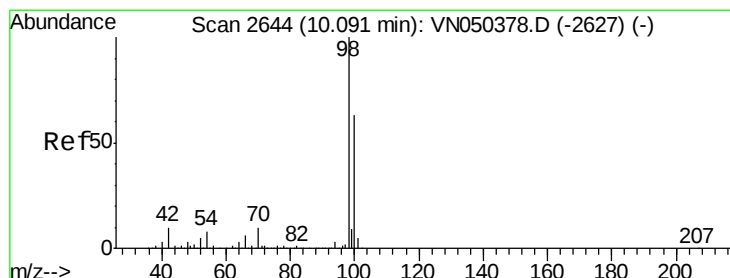
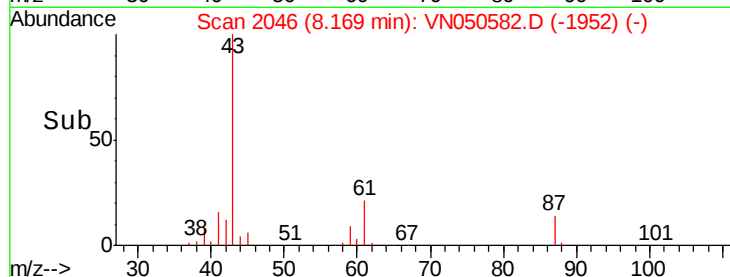
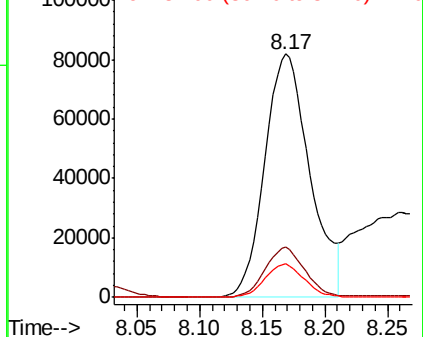
87 12.0 10.3 15.5



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: 45.65 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050582.D

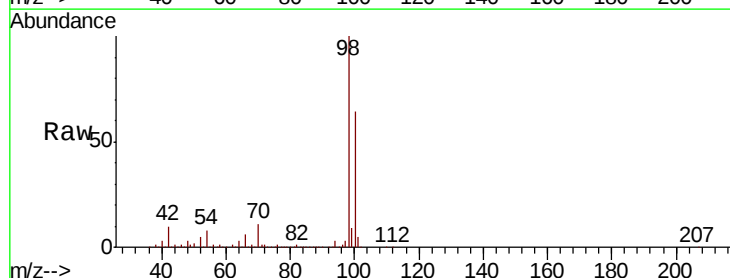
Acq: 13 Aug 2018 20:54

Tgt Ion: 98 Resp: 1428694

Ion Ratio Lower Upper

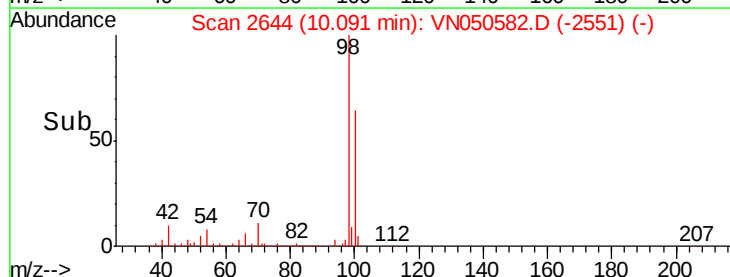
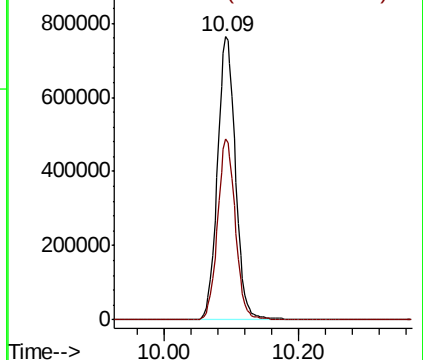
98 100

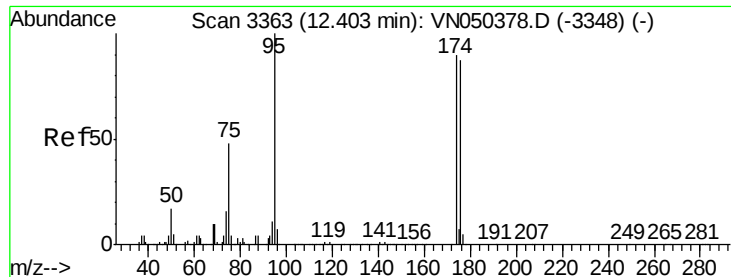
100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.31 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050582.D

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Instrument :

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ClientSampleId :

HD-01-080918

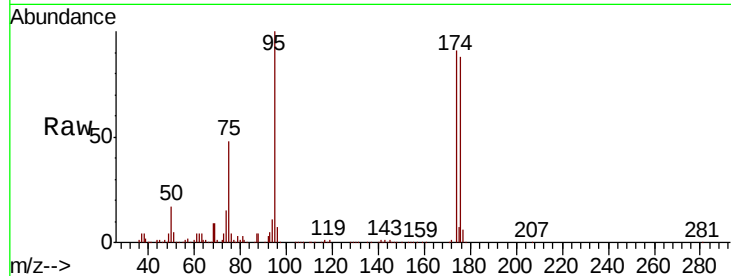
Tot Ion: 95 Resp: 397901

Ion Ratio Lower Upper

95 100

174 92.1 0.0 178.2

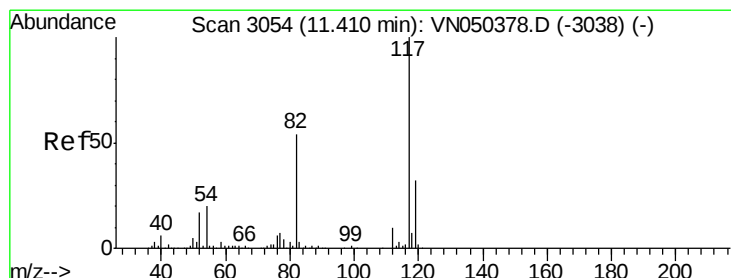
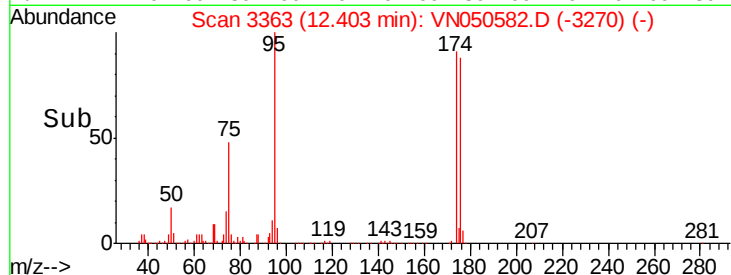
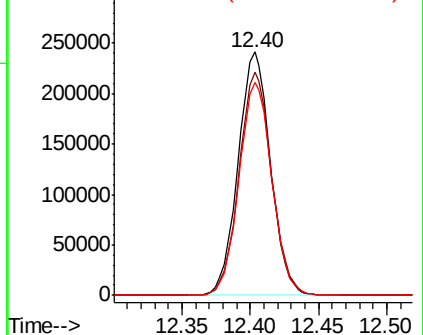
176 88.6 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050582.D

Acq: 13 Aug 2018 20:54

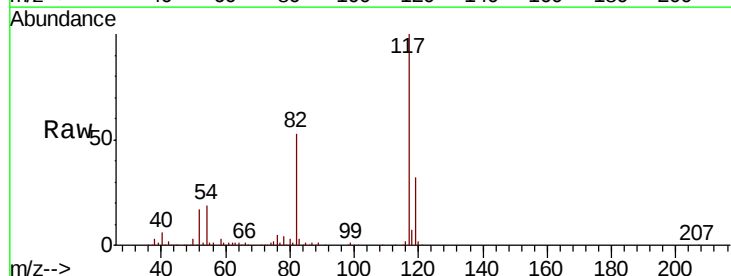
Tgt Ion: 117 Resp: 898083

Ion Ratio Lower Upper

117 100

82 53.2 43.7 65.5

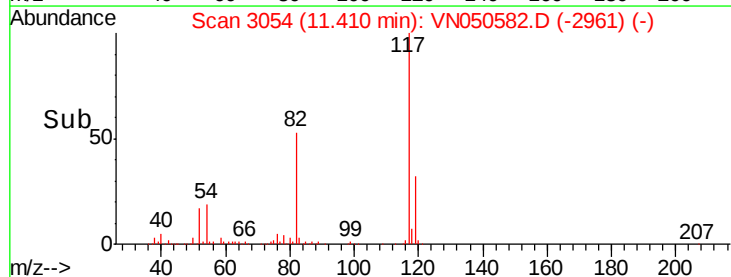
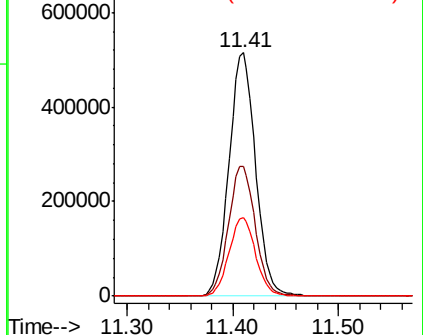
119 32.3 26.1 39.1

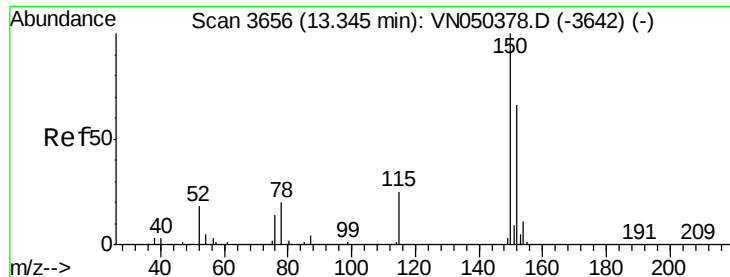


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050582.D

Acq: 13 Aug 2018 20:54

Instrument :

MSVOA_N

ClientSampleId :

HD-01-080918

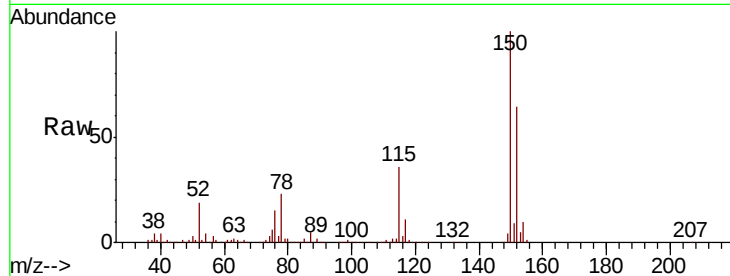
Tot Ion:152 Resp: 340709

Ion Ratio Lower Upper

152 100

115 57.1 27.8 83.3

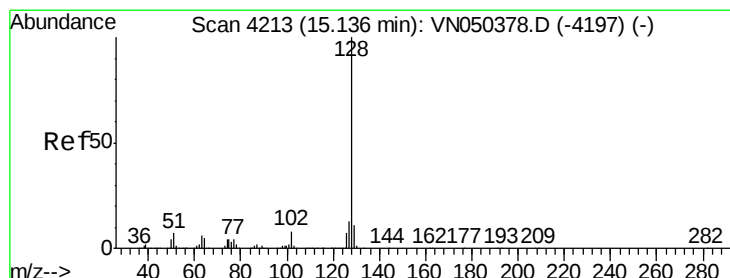
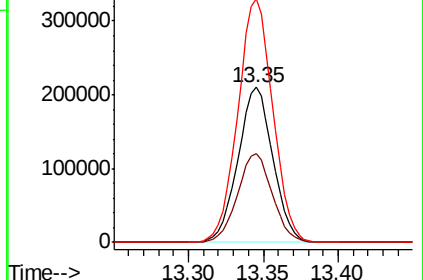
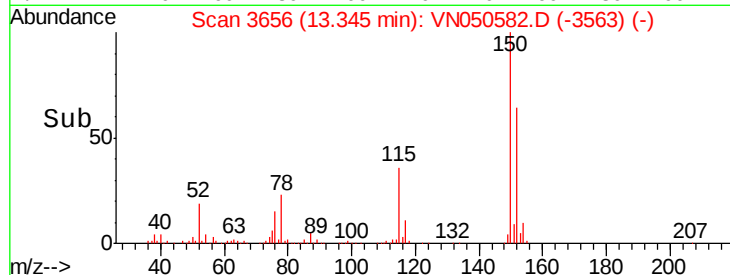
150 157.5 0.0 348.6



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: 5.24 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050582.D

Acq: 13 Aug 2018 20:54

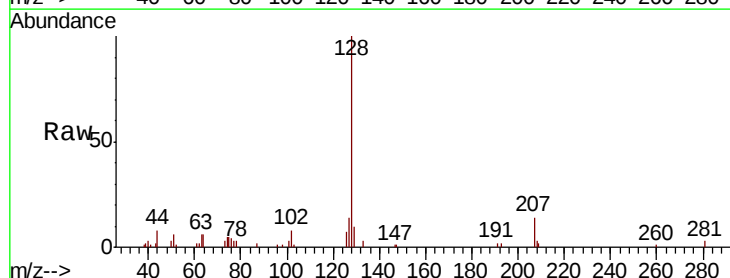
Tgt Ion:128 Resp: 28795

Ion Ratio Lower Upper

128 100

127 14.3 10.4 15.6

129 10.8 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

