

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052990.D
 Acq On : 19 Dec 2018 5:06
 Operator : MD\SY
 Sample : J6464-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VB16202

Quant Time: Dec 19 05:55:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

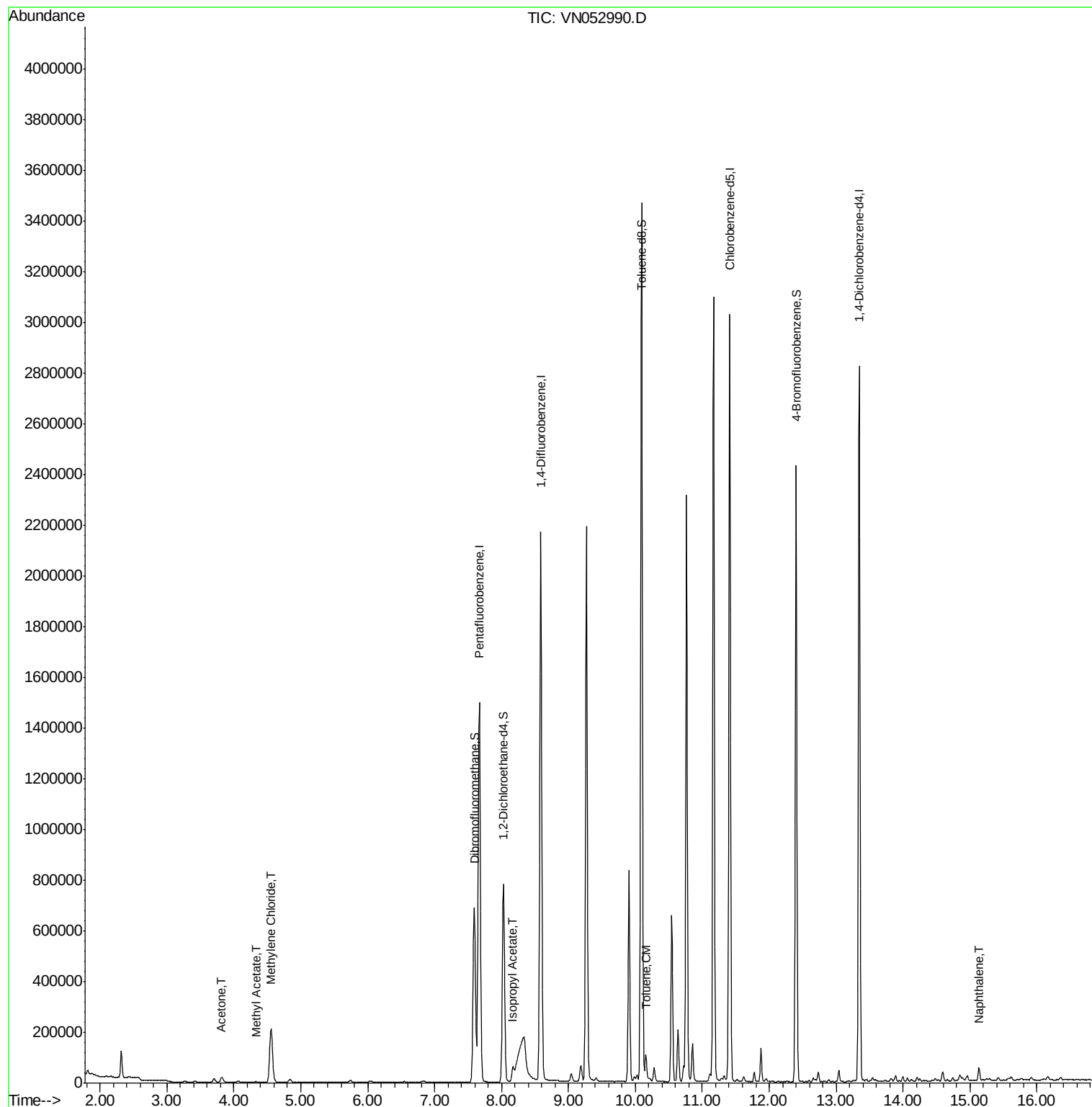
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1328848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2046344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1841309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	793772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	658035	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
35) Dibromofluoromethane	7.59	113	540909	57.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.74%	
50) Toluene-d8	10.09	98	2497231	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	844150	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
Target Compounds						
16) Acetone	3.82	43	35671	13.491	ug/l	96
18) Methyl Acetate	4.33	43	8186	1.661	ug/l #	87
20) Methylene Chloride	4.56	84	165253	11.458	ug/l	97
43) Isopropyl Acetate	8.17	43	73058	2.450	ug/l #	80
52) Toluene	10.16	92	47199	1.303	ug/l	96
95) Naphthalene	15.14	128	45919	2.584	ug/l	99

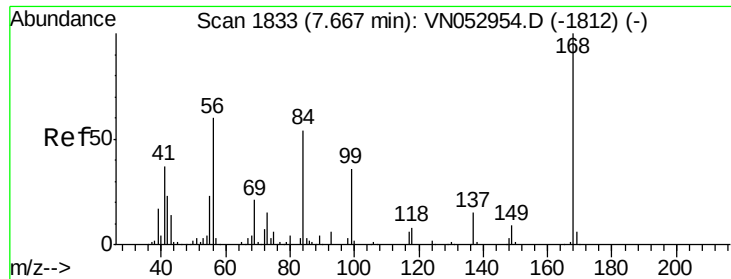
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
Data File : VN052990.D
Acq On : 19 Dec 2018 5:06
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Sample : J6464-06
Misc : 5.00mL/MSVOA_N/WATER
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Quant Time: Dec 19 05:55:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052990.D

Acq: 19 Dec 2018 5:06

Instrument :

MSVOA_N

ClientSampled :

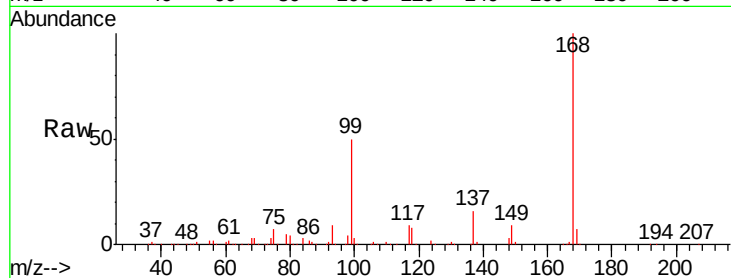
VB16202

Tgt Ion:168 Resp: 1328848

Ion Ratio Lower Upper

168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

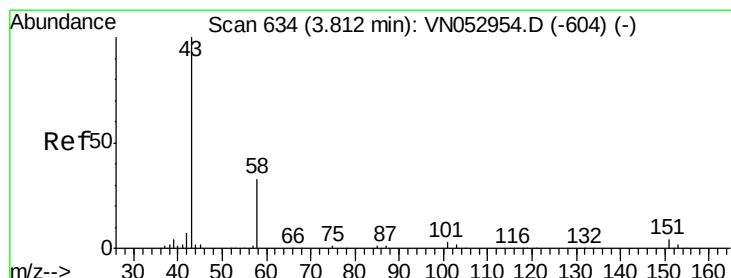
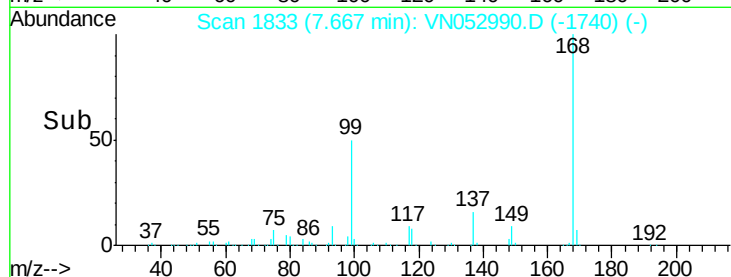
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 13.491 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052990.D

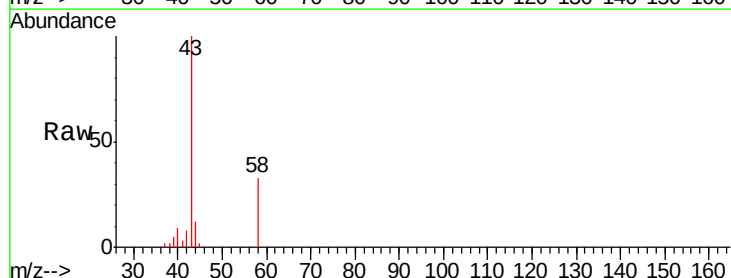
Acq: 19 Dec 2018 5:06

Tgt Ion: 43 Resp: 35671

Ion Ratio Lower Upper

43 100

58 33.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

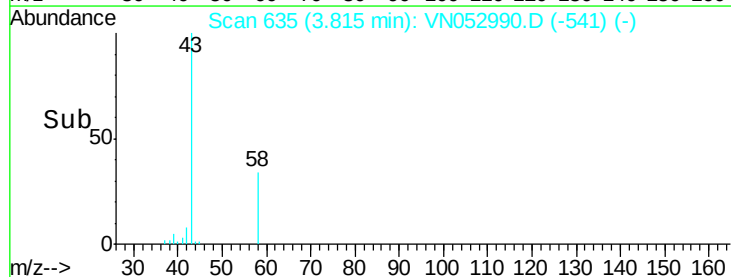
15000

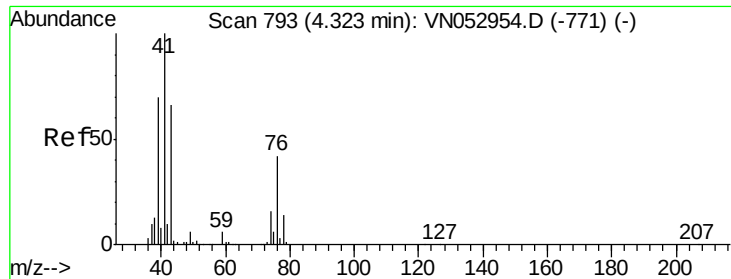
10000

5000

0

Time--> 3.70 3.80 3.90

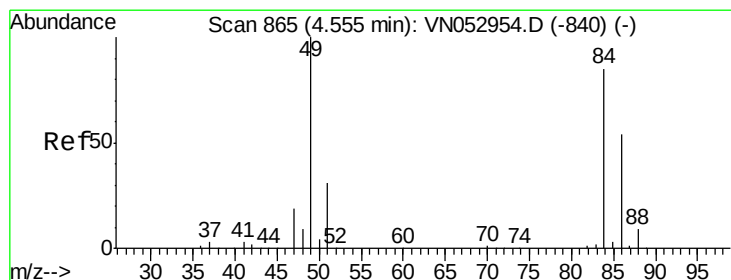
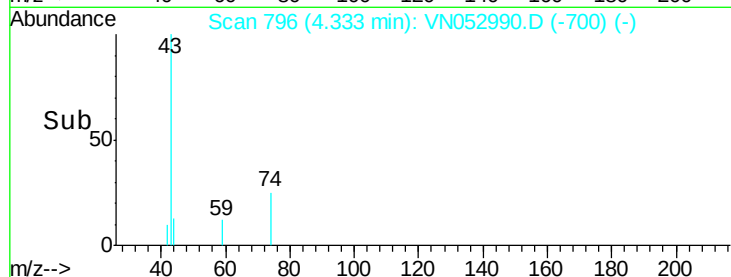
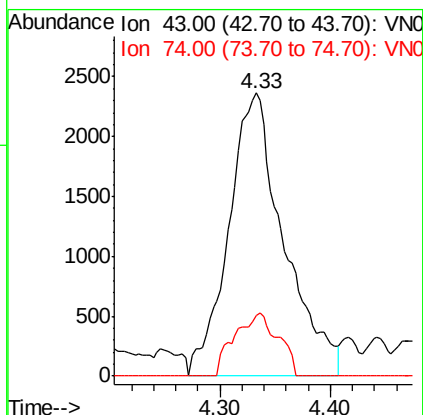
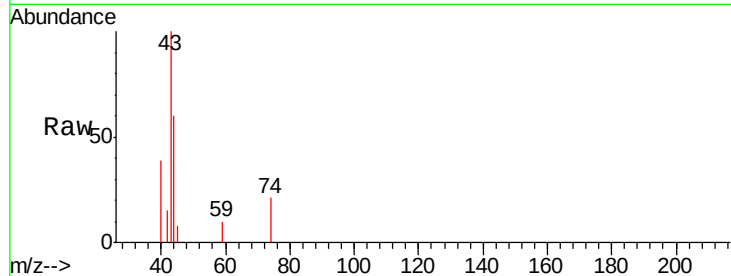




#18
Methyl Acetate
Concen: 1.661 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

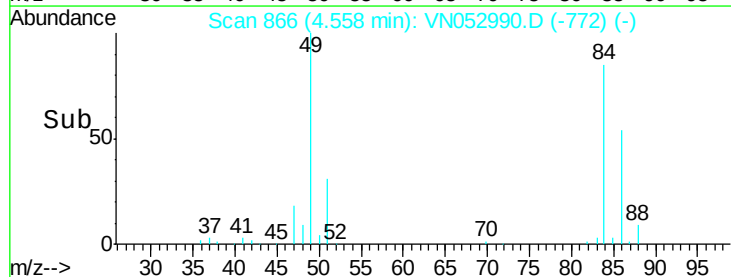
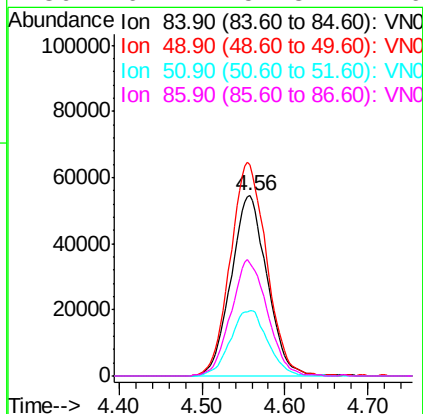
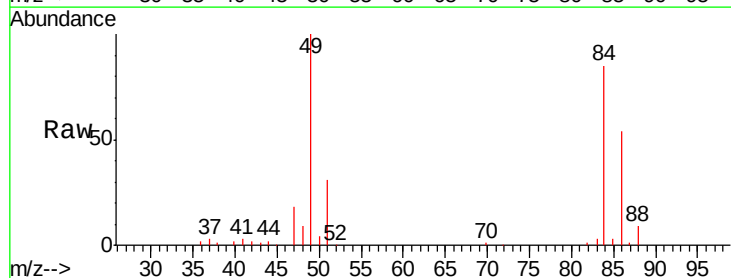
Instrument :
MSVOA_N
ClientSampled :
VB16202

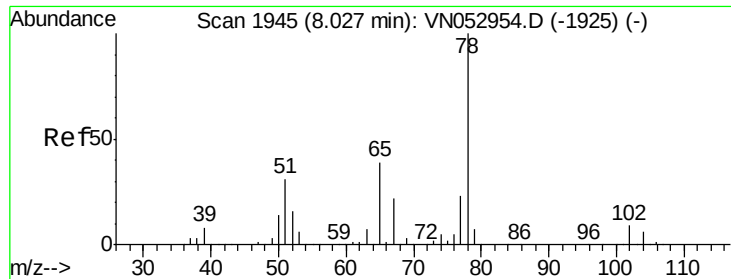
Tgt Ion: 43 Resp: 8186
Ion Ratio Lower Upper
43 100
74 17.4 19.2 28.8#



#20
Methylene Chloride
Concen: 11.458 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion: 84 Resp: 165253
Ion Ratio Lower Upper
84 100
49 117.1 96.8 145.2
51 36.2 29.9 44.9
86 62.7 51.8 77.6

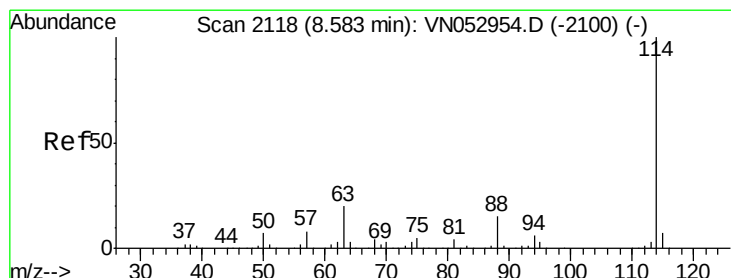
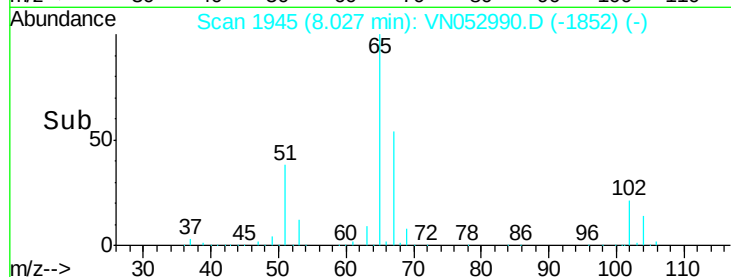
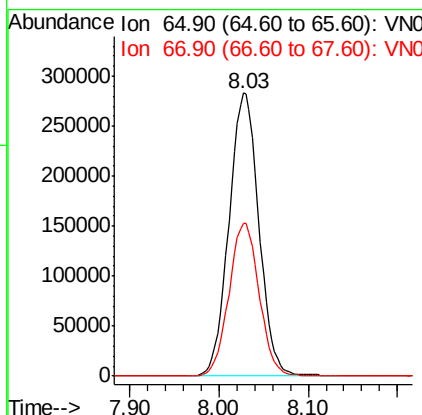
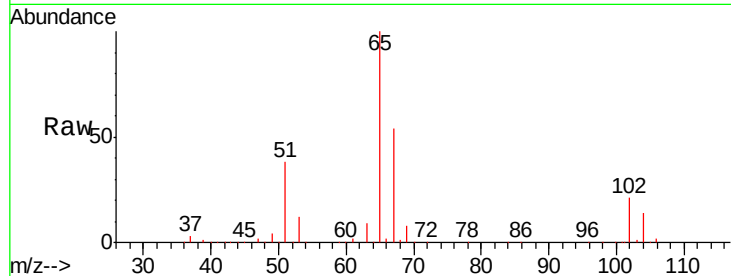




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052990.D
 Acq: 19 Dec 2018 5:06

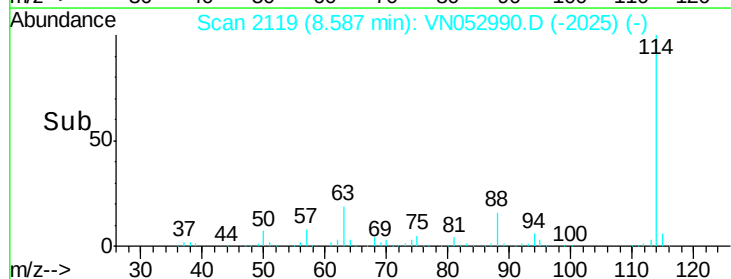
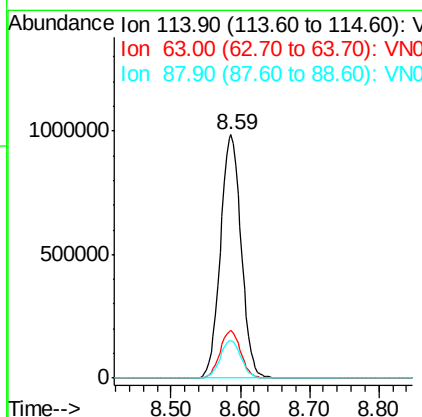
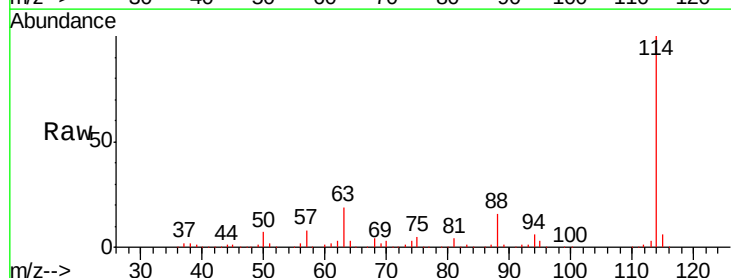
Instrument :
 MSVOA_N
 ClientSampled :
 VB16202

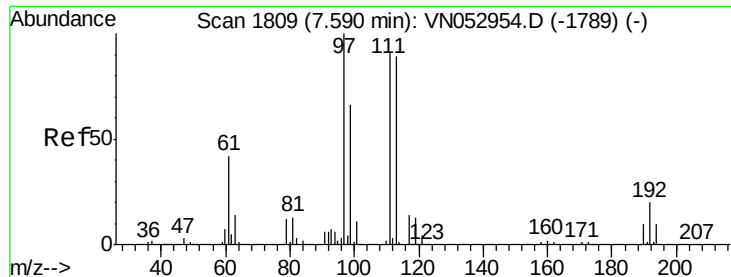
Tgt Ion: 65 Resp: 658035
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052990.D
 Acq: 19 Dec 2018 5:06

Tgt Ion: 114 Resp: 2046344
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.8
 88 15.6 0.0 31.0

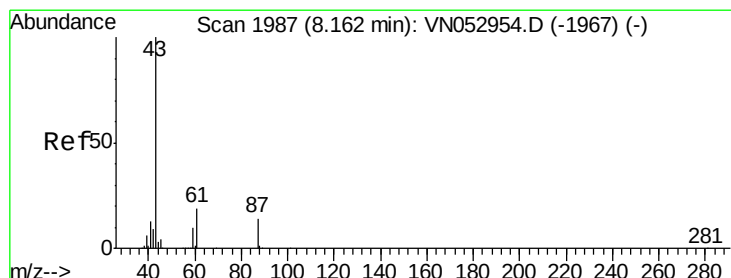
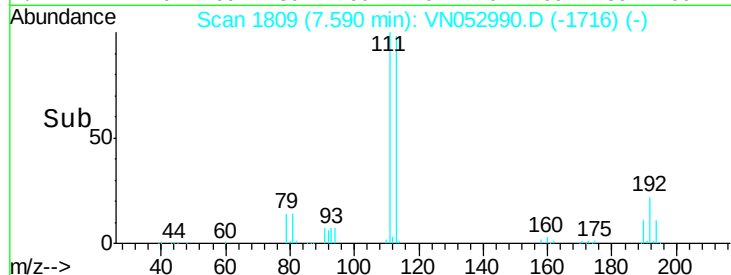
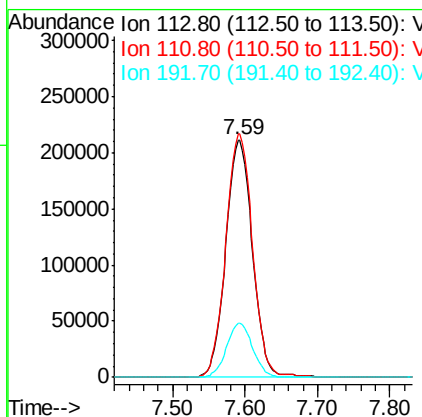
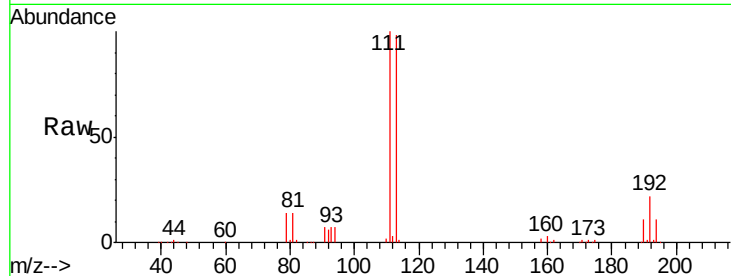




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052990.D
 Acq: 19 Dec 2018 5:06

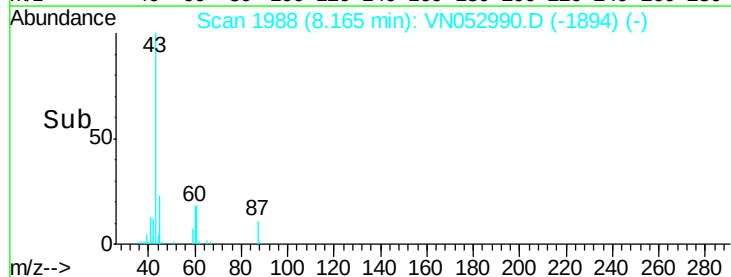
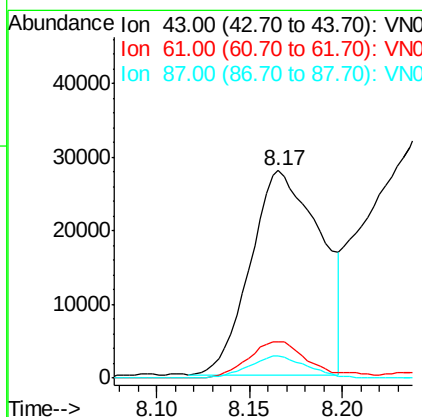
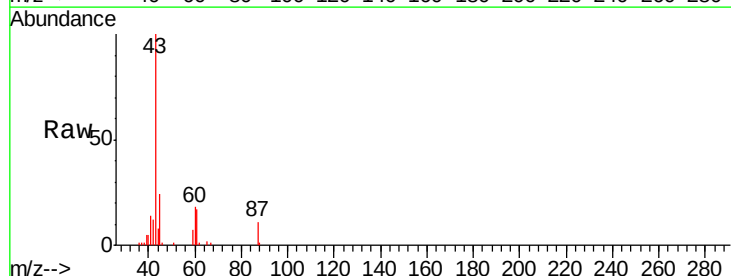
Instrument :
 MSVOA_N
 ClientSampled :
 VB16202

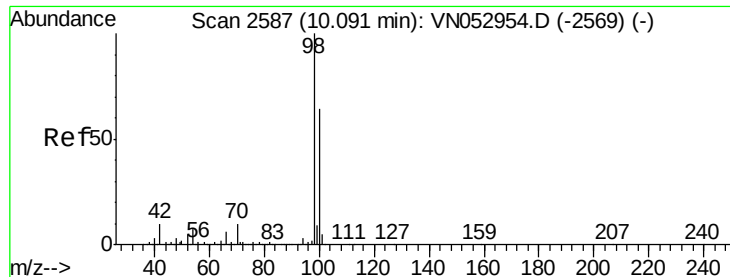
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.4
192	22.4	17.5	26.3



#43
 Isopropyl Acetate
 Concen: 2.450 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052990.D
 Acq: 19 Dec 2018 5:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.8	22.9	34.3#
87	9.0	10.6	15.8#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052990.D

Acq: 19 Dec 2018 5:06

Instrument :

MSVOA_N

ClientSampled :

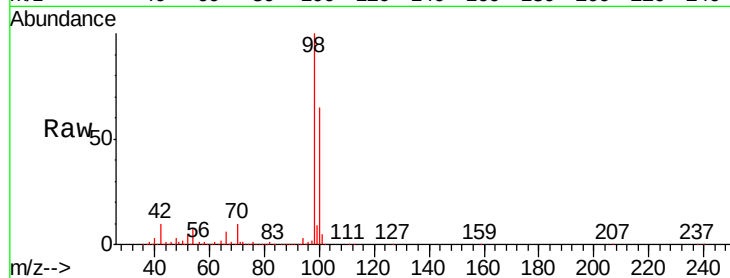
VB16202

Tgt Ion: 98 Resp: 2497231

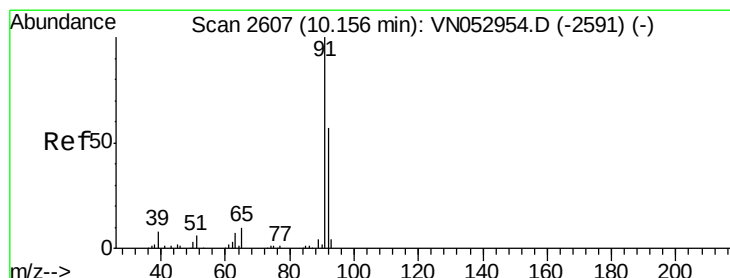
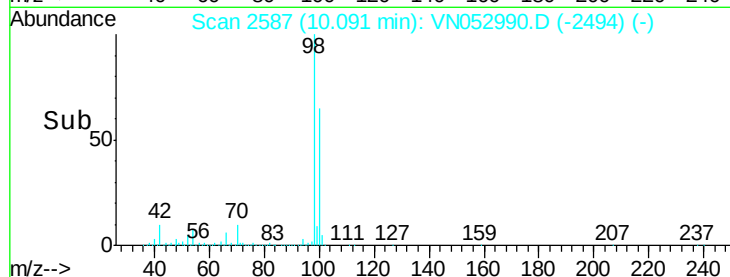
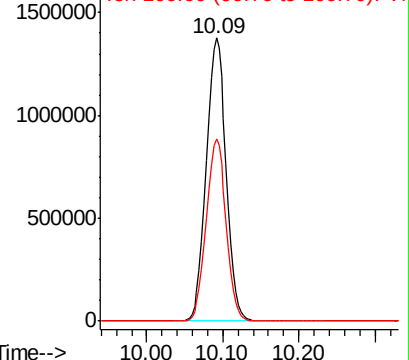
Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052990.D (-2494) (-)



#52

Toluene

Concen: 1.303 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052990.D

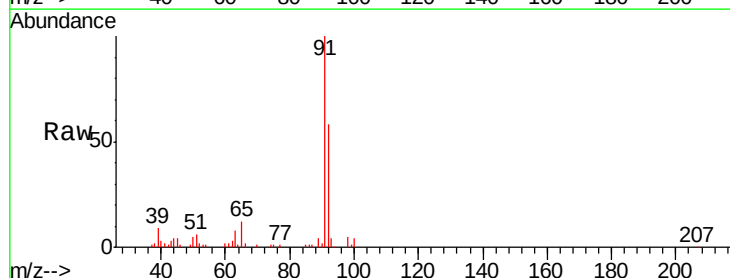
Acq: 19 Dec 2018 5:06

Tgt Ion: 92 Resp: 47199

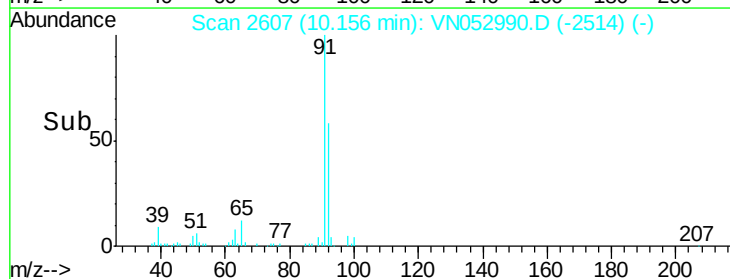
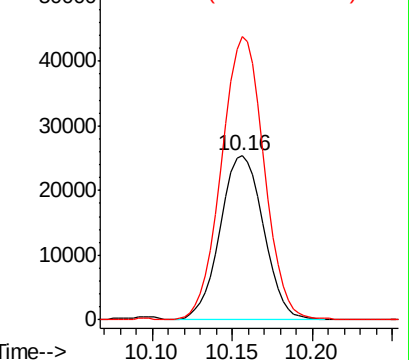
Ion Ratio Lower Upper

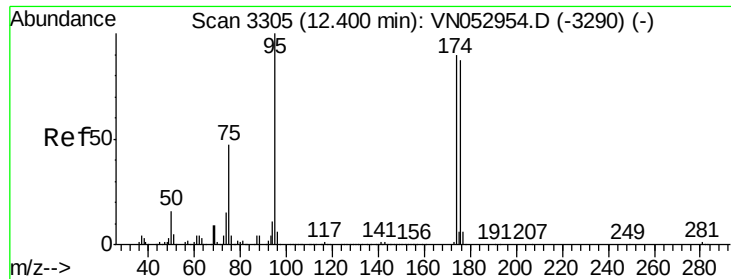
92 100

91 169.1 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN052990.D (-2514) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052990.D

Acq: 19 Dec 2018 5:06

Instrument :

MSVOA_N

ClientSampleId :

VB16202

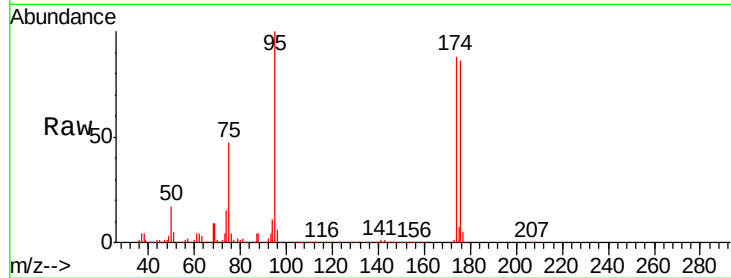
Tgt Ion: 95 Resp: 844150

Ion Ratio Lower Upper

95 100

174 89.4 0.0 178.8

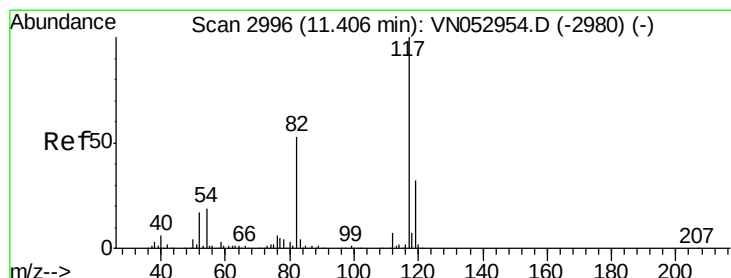
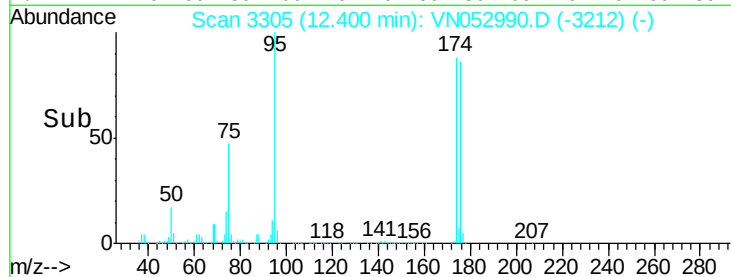
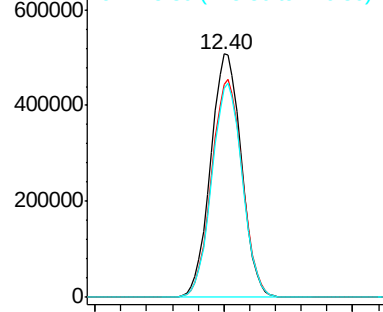
176 87.0 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052990.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052990.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052990.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052990.D

Acq: 19 Dec 2018 5:06

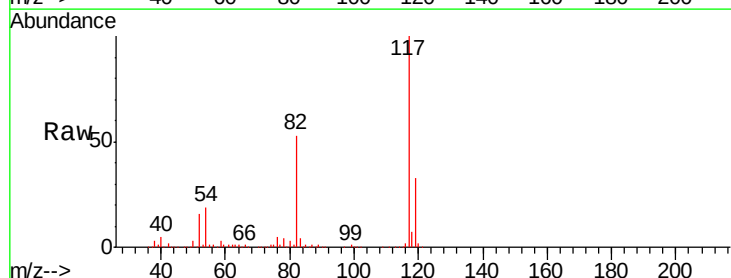
Tgt Ion: 117 Resp: 1841309

Ion Ratio Lower Upper

117 100

82 53.1 42.8 64.2

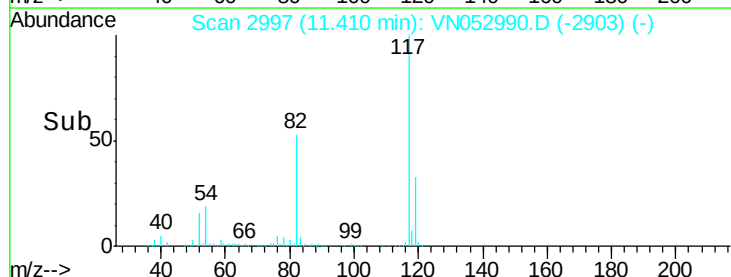
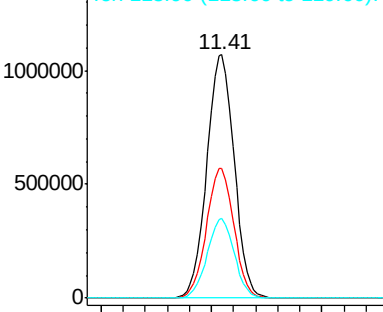
119 32.7 25.5 38.3

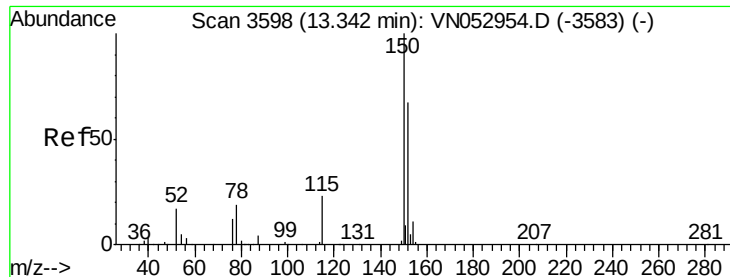


Abundance Ion 116.90 (116.60 to 117.60): VN052990.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052990.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052990.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052990.D

Acq: 19 Dec 2018 5:06

Instrument :

MSVOA_N

ClientSampled :

VB16202

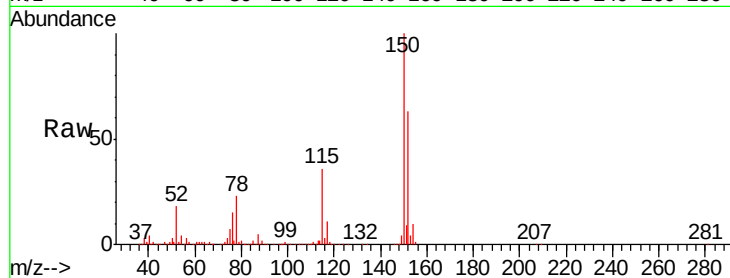
Tgt Ion:152 Resp: 793772

Ion Ratio Lower Upper

152 100

115 56.5 28.3 85.0

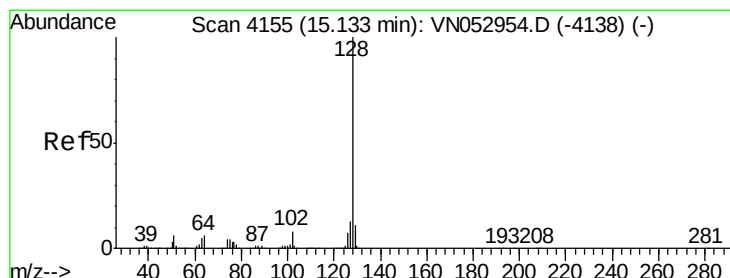
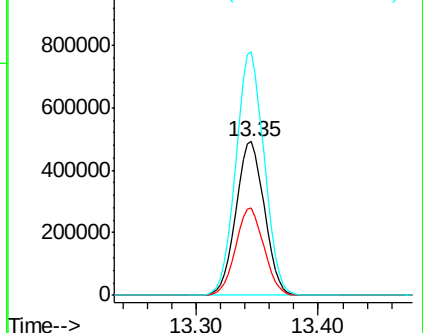
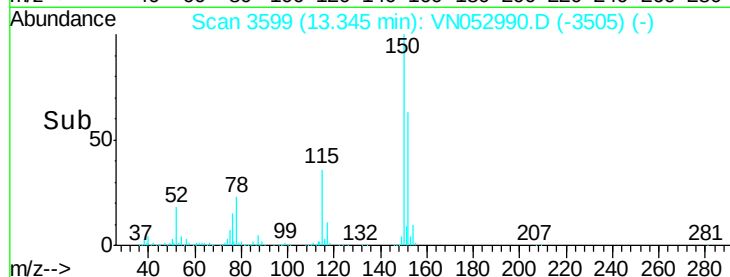
150 157.4 0.0 347.8



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: 2.584 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052990.D

Acq: 19 Dec 2018 5:06

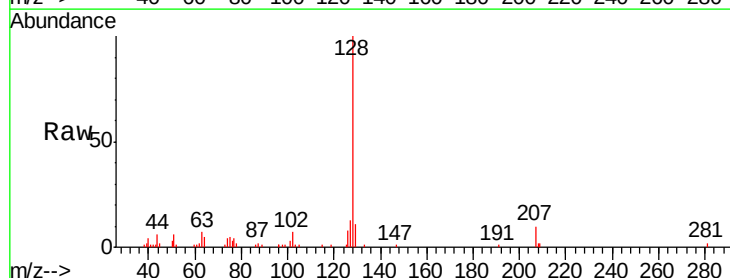
Tgt Ion:128 Resp: 45919

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.4 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

