

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050550.D
 Acq On : 11 Aug 2018 5:24
 Operator : MD\SY
 Sample : J4272-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

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

Quant Time: Aug 11 06:47:49 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	633091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1043010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	895953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	355096	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	432773	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
35) Dibromofluoromethane	7.59	113	402264	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
50) Toluene-d8	10.09	98	1427646	45.37	ug/l	0.00
Spiked Amount			Recovery	=	90.74%	
62) 4-Bromofluorobenzene	12.40	95	405885	37.85	ug/l	0.00
Spiked Amount			Recovery	=	75.70%	

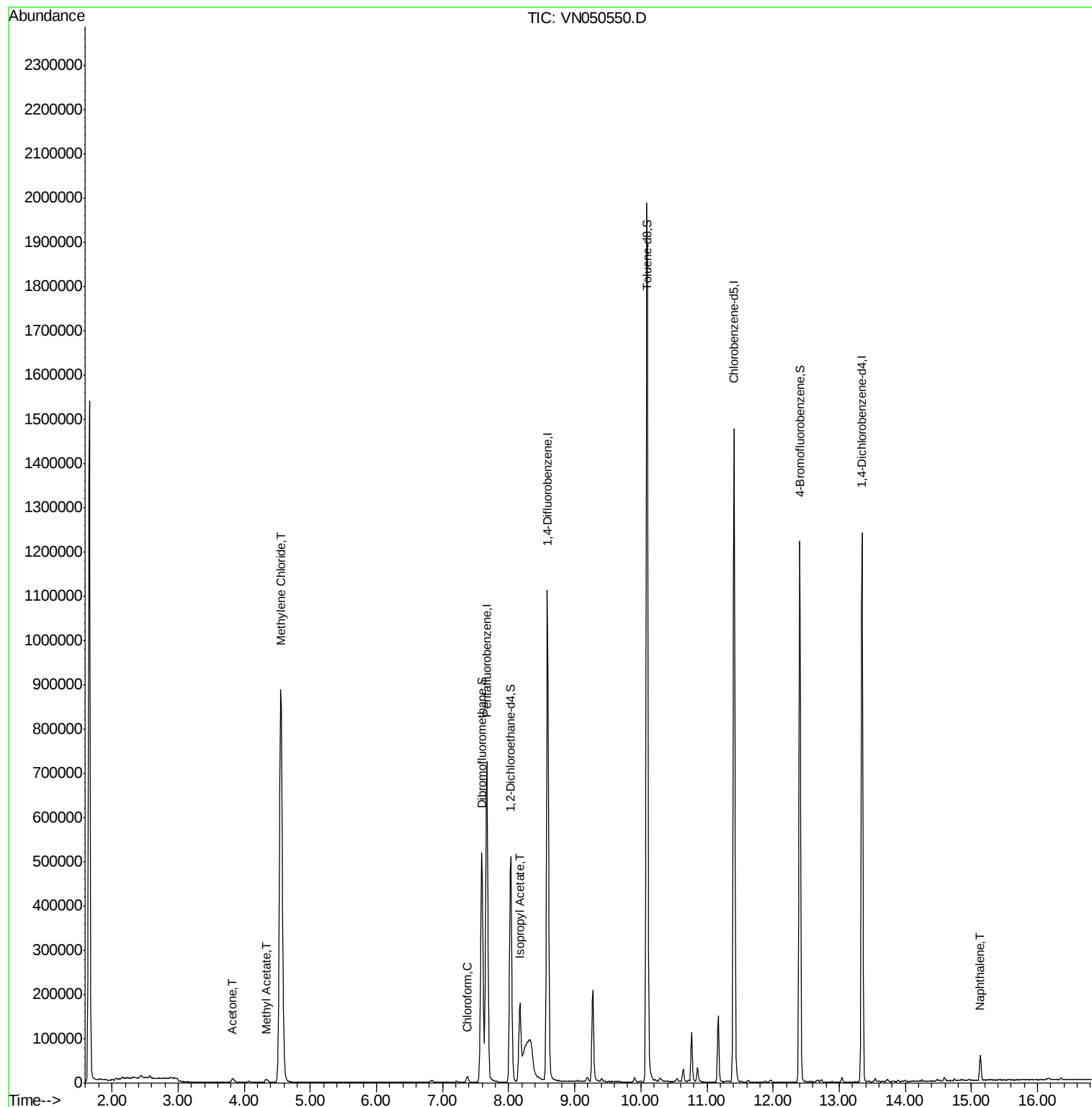
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	15582	5.83	ug/l	98
18) Methyl Acetate	4.33	43	14470	2.02	ug/l	92
20) Methylene Chloride	4.55	84	707831	93.09	ug/l	98
30) Chloroform	7.38	83	14516	1.05	ug/l	94
43) Isopropyl Acetate	8.17	43	219173	15.38	ug/l	98
95) Naphthalene	15.13	128	47931	6.21	ug/l	98

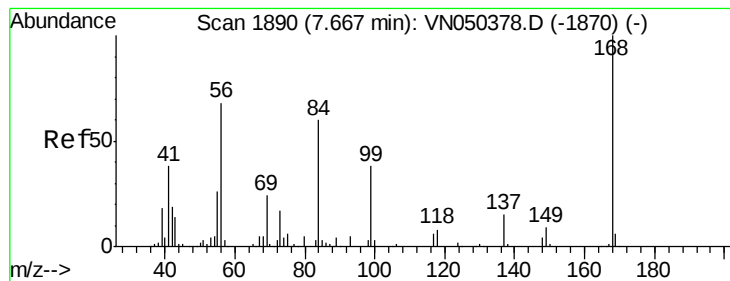
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081018\
Data File : VN050550.D
Acq On : 11 Aug 2018 5:24
Operator : MD\SY
Sample : J4272-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 47 Sample Multiplier: 1

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

Quant Time: Aug 11 06:47:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
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: VN050550.D

Acq: 11 Aug 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

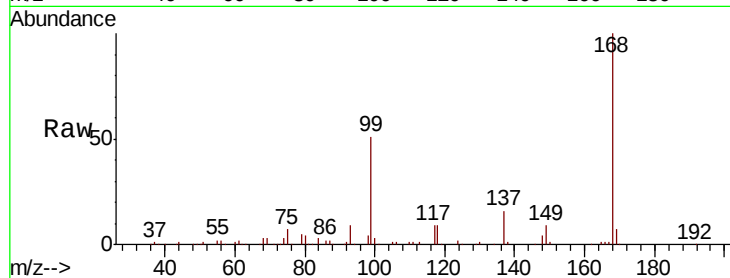
JC-03-080918-H

Tot Ion:168 Resp: 633091

Ion Ratio Lower Upper

168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

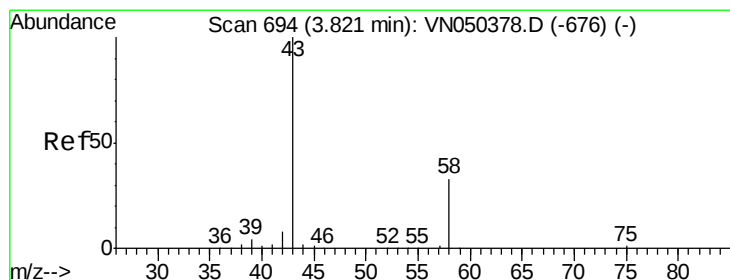
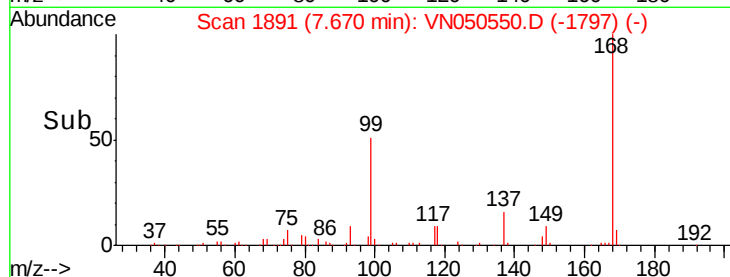
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.83 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050550.D

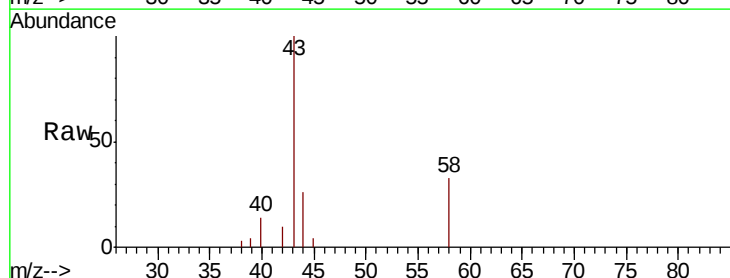
Acq: 11 Aug 2018 5:24

Tgt Ion: 43 Resp: 15582

Ion Ratio Lower Upper

43 100

58 33.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

6000

5000

4000

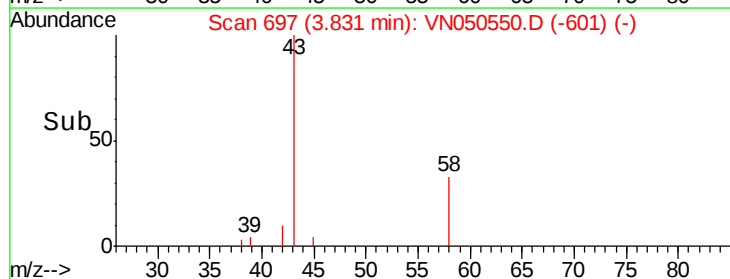
3000

2000

1000

0

Time-->

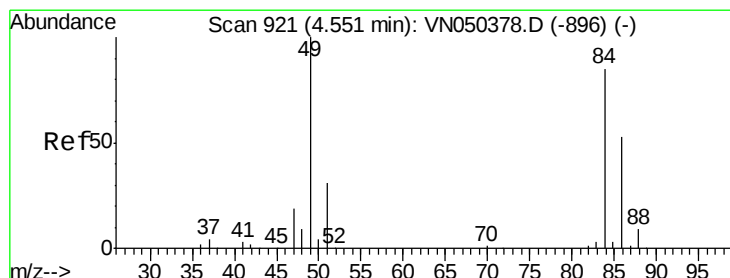
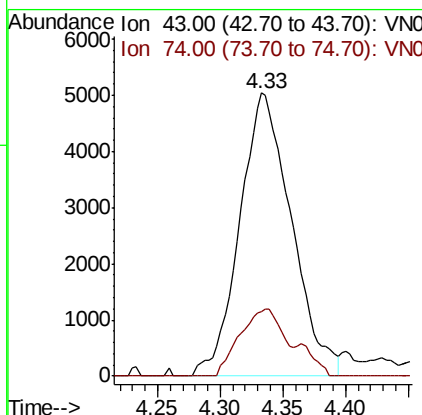
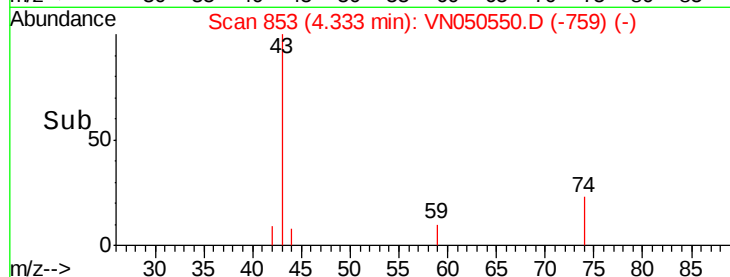
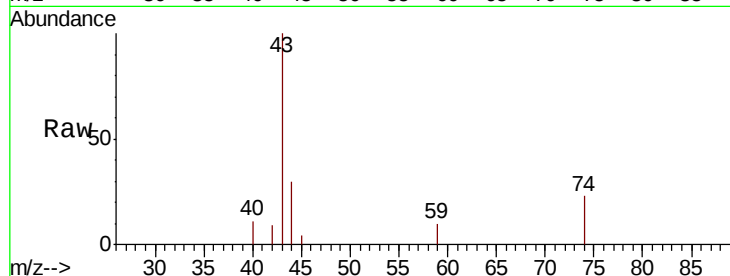




#18
Methyl Acetate
Concen: 2.02 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050550.D
Acq: 11 Aug 2018 5:24

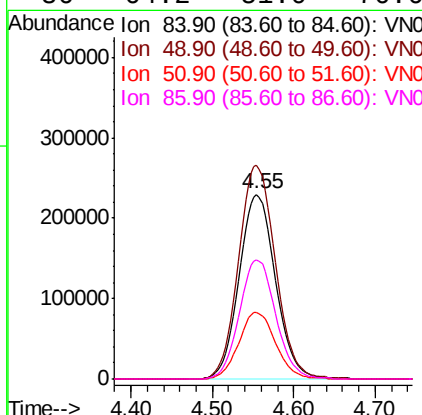
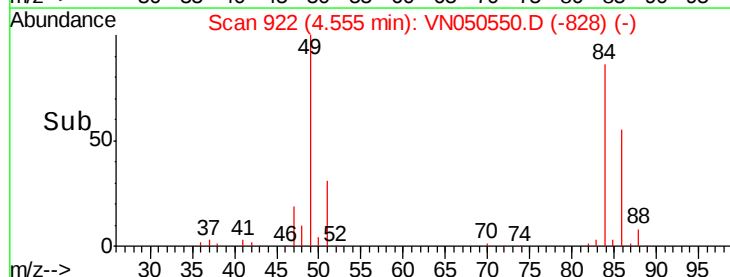
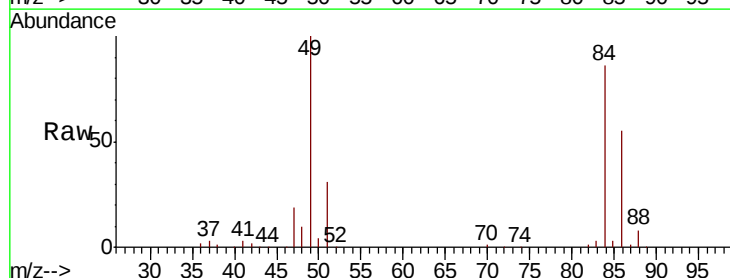
Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-H

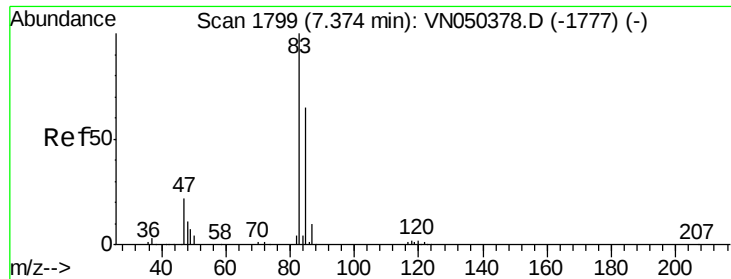
Tot Ion: 43 Resp: 14470
Ion Ratio Lower Upper
43 100
74 19.8 19.2 28.8



#20
Methylene Chloride
Concen: 93.09 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050550.D
Acq: 11 Aug 2018 5:24

Tgt Ion: 84 Resp: 707831
Ion Ratio Lower Upper
84 100
49 115.7 94.8 142.2
51 36.0 28.3 42.5
86 64.2 51.0 76.6

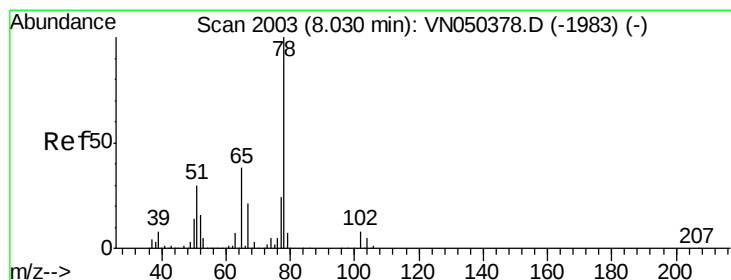
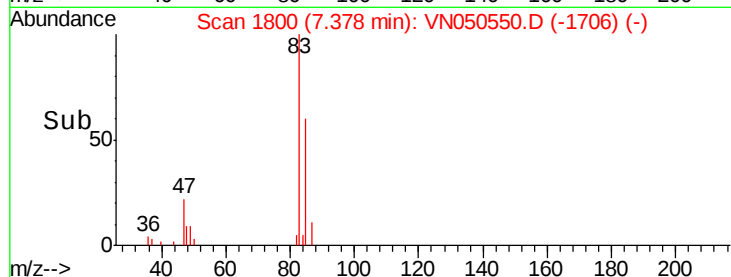
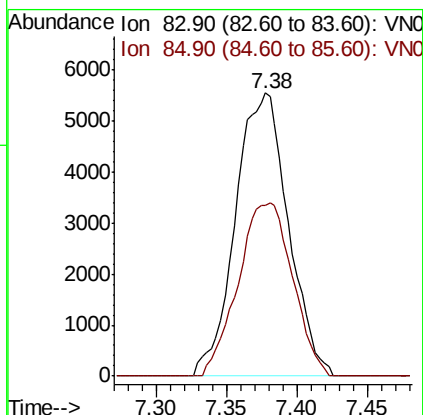
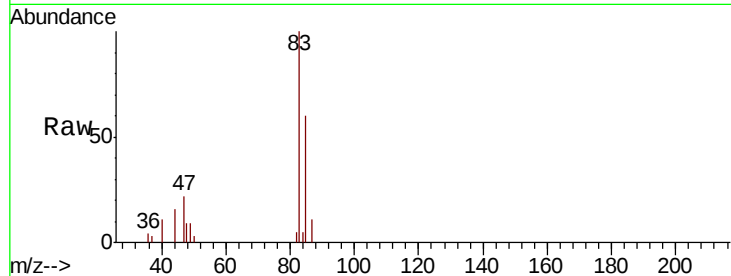




#30
Chloroform
Concen: 1.05 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050550.D
Acq: 11 Aug 2018 5:24

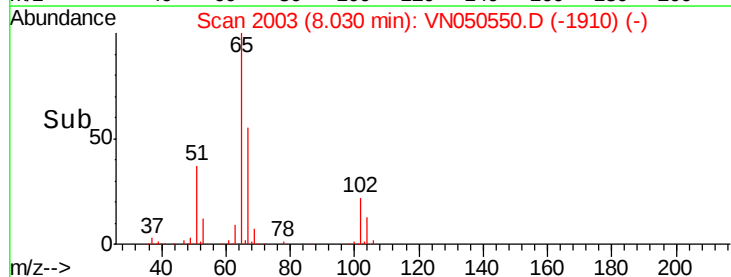
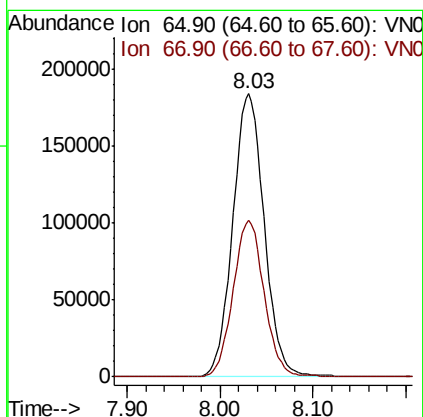
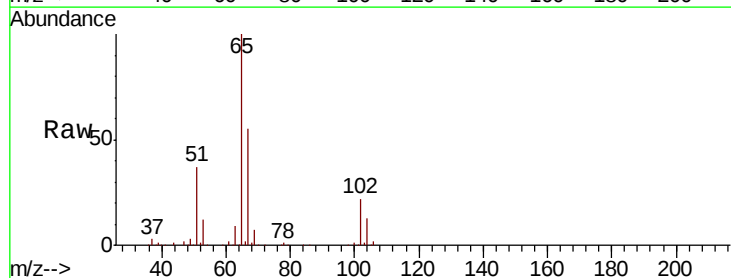
Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-H

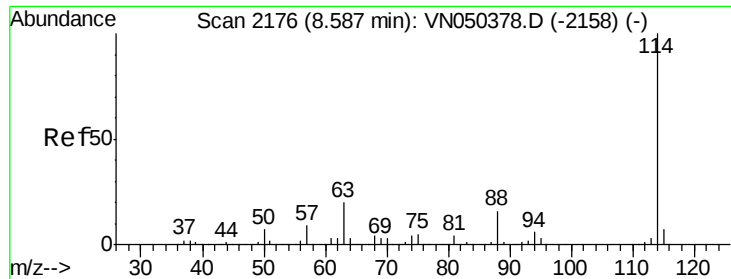
Tot Ion: 83 Resp: 14516
Ion Ratio Lower Upper
83 100
85 60.5 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 51.16 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050550.D
Acq: 11 Aug 2018 5:24

Tgt Ion: 65 Resp: 432773
Ion Ratio Lower Upper
65 100
67 54.8 0.0 108.4

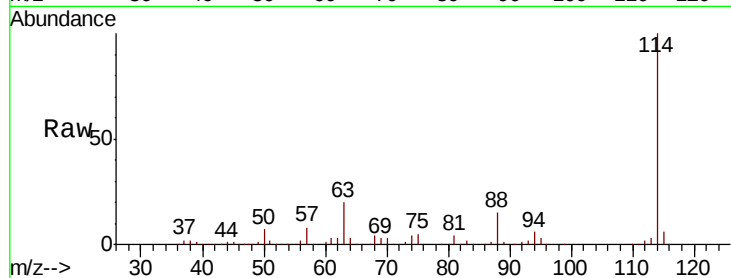




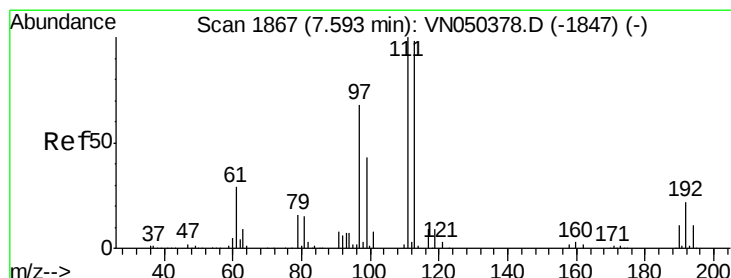
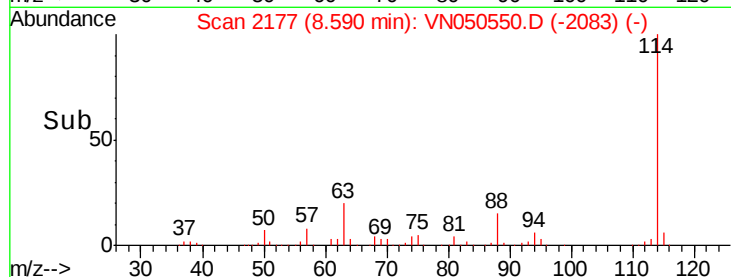
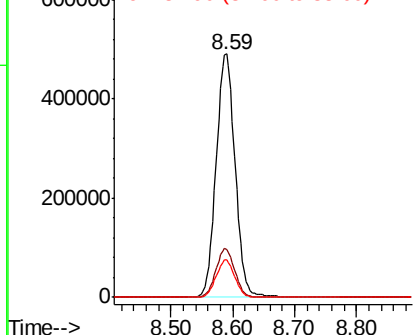
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050550.D
 Acq: 11 Aug 2018 5:24

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

Tot Ion:114 Resp: 1043010
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.4 0.0 31.2

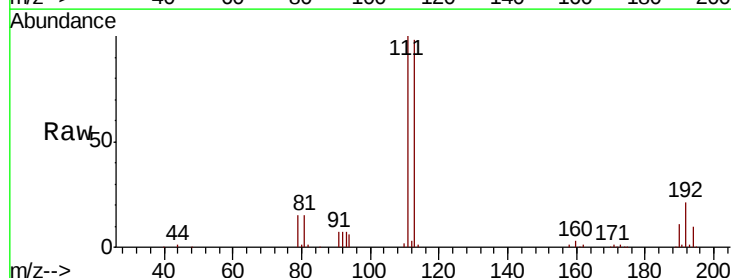


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

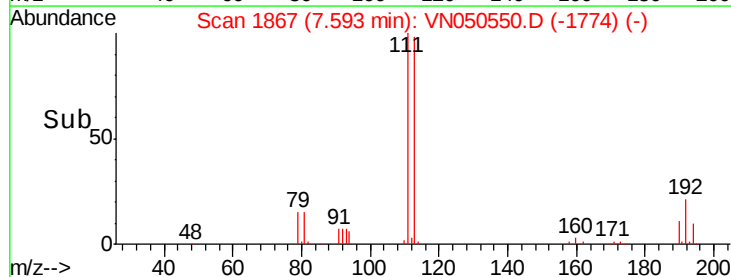
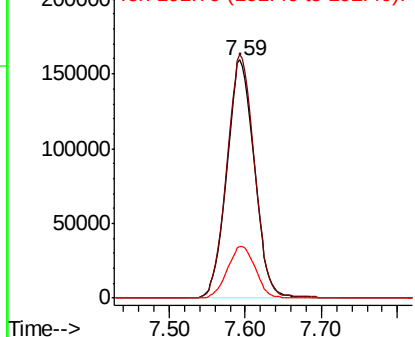


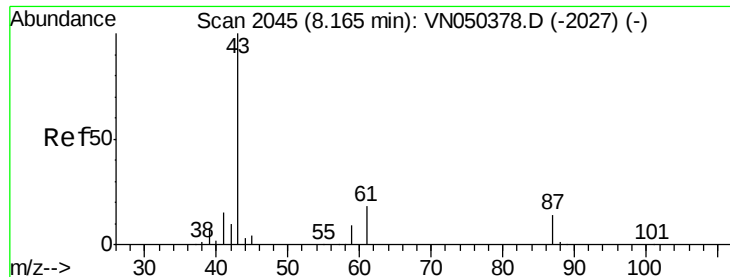
#35
 Dibromofluoromethane
 Concen: 48.07 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050550.D
 Acq: 11 Aug 2018 5:24

Tgt Ion:113 Resp: 402264
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.7 121.1
 192 22.0 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: 15.38 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050550.D

Acq: 11 Aug 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

JC-03-080918-H

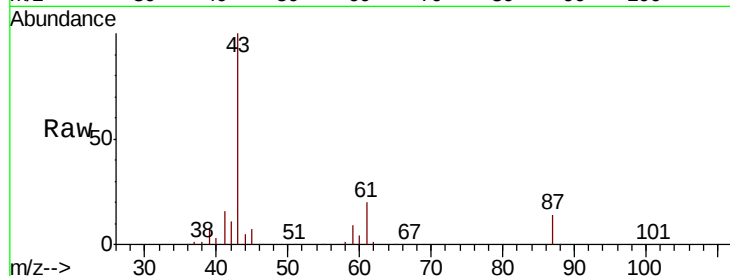
Tot Ion: 43 Resp: 219173

Ion Ratio Lower Upper

43 100

61 18.8 15.8 23.6

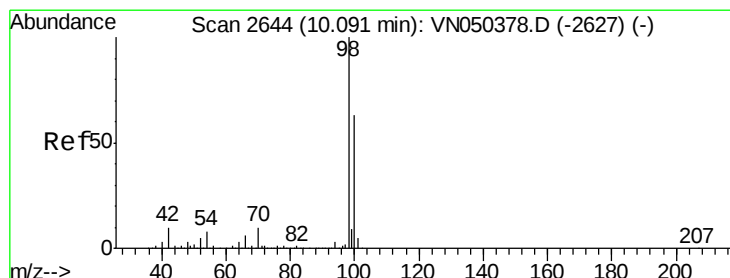
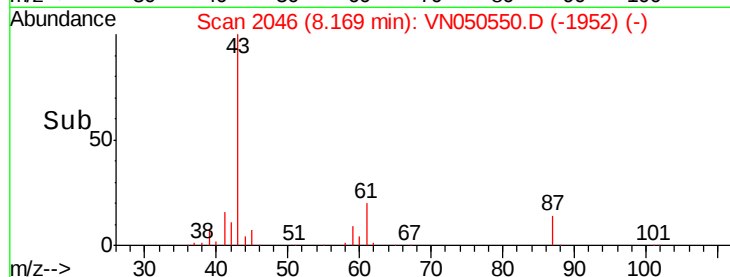
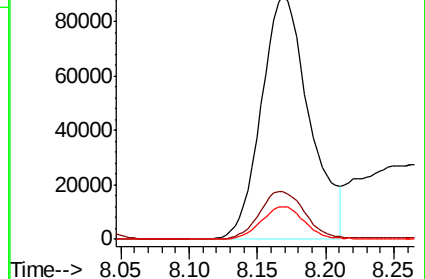
87 12.1 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050378.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050378.D (-2027) (-)



#50

Toluene-d8

Concen: 45.37 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050550.D

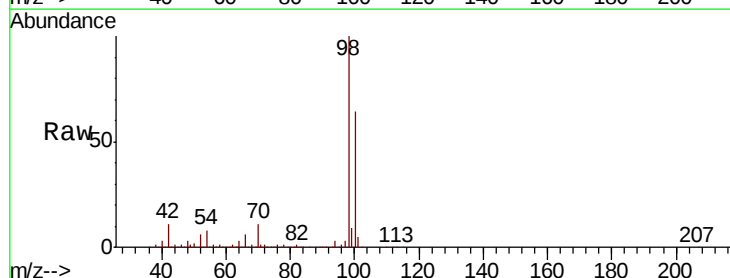
Acq: 11 Aug 2018 5:24

Tgt Ion: 98 Resp: 1427646

Ion Ratio Lower Upper

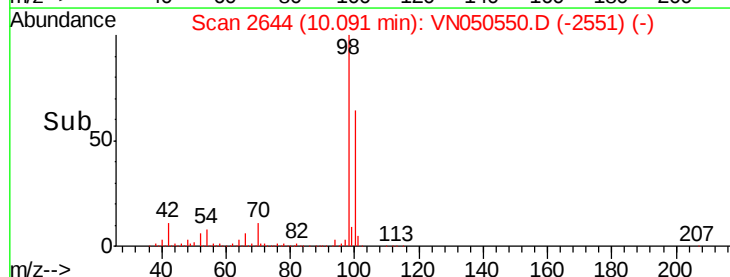
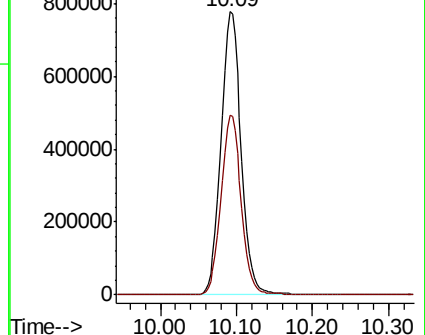
98 100

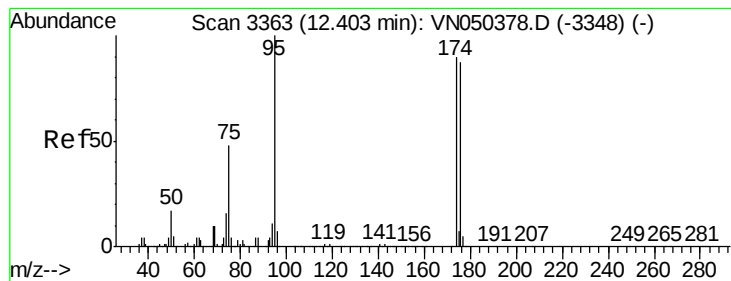
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050378.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050378.D (-2627) (-)





#62

4-Bromofluorobenzene

Concen: 37.85 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050550.D

Acq: 11 Aug 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

JC-03-080918-H

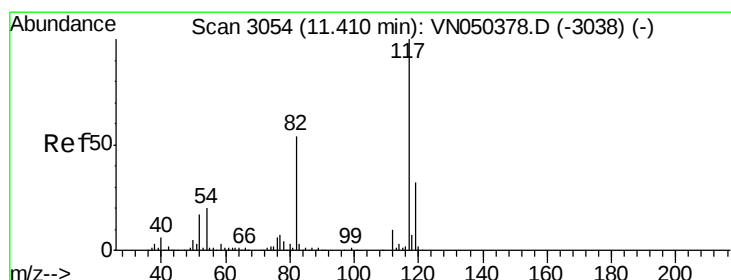
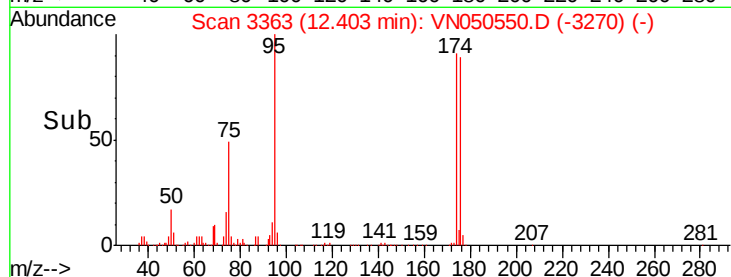
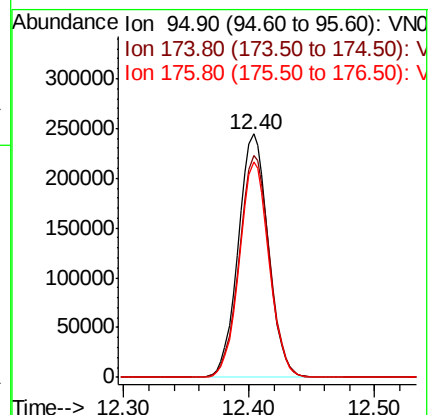
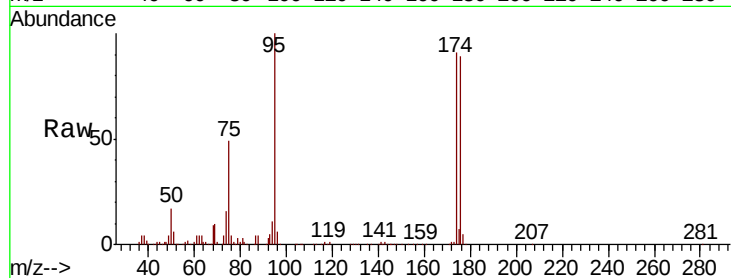
Tot Ion: 95 Resp: 405885

Ion Ratio Lower Upper

95 100

174 92.0 0.0 178.2

176 87.4 0.0 173.4



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050550.D

Acq: 11 Aug 2018 5:24

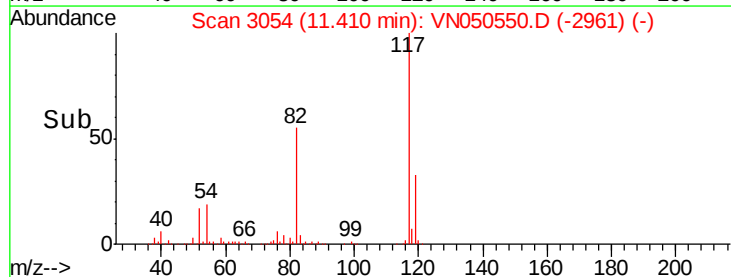
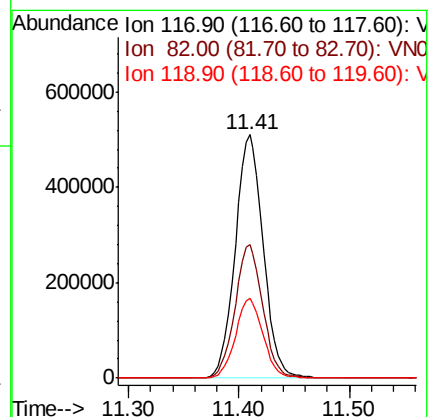
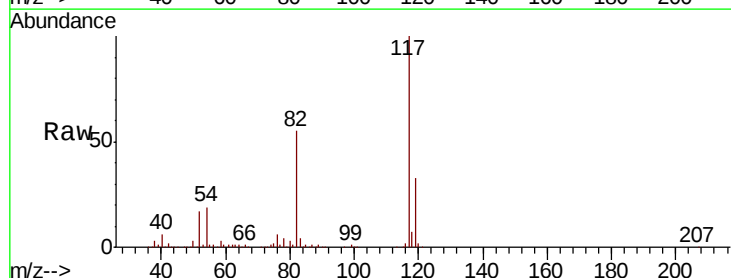
Tgt Ion: 117 Resp: 895953

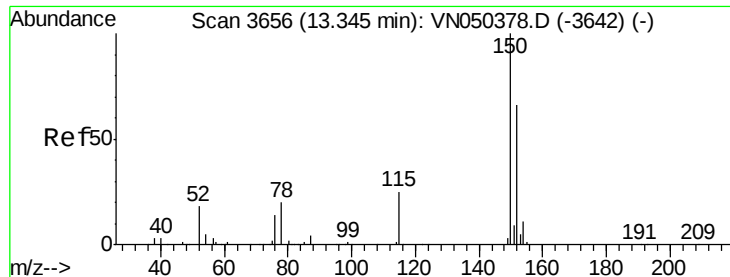
Ion Ratio Lower Upper

117 100

82 54.8 43.7 65.5

119 32.5 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050550.D

Acq: 11 Aug 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

JC-03-080918-H

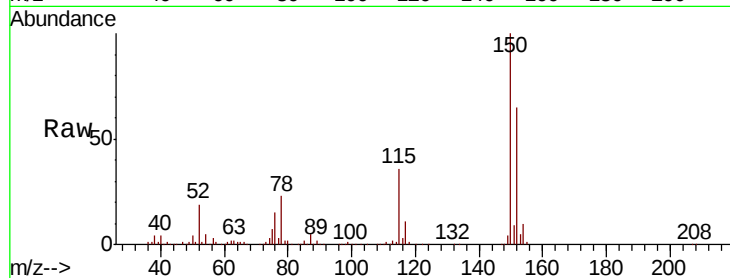
Tot Ion:152 Resp: 355096

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

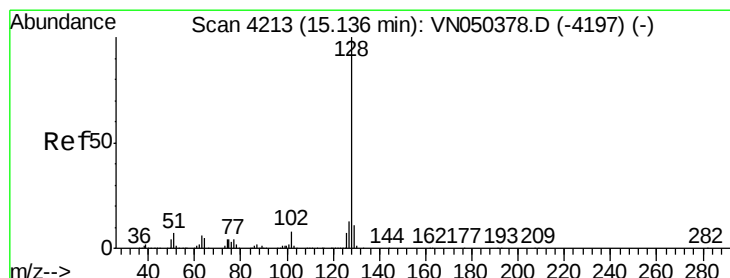
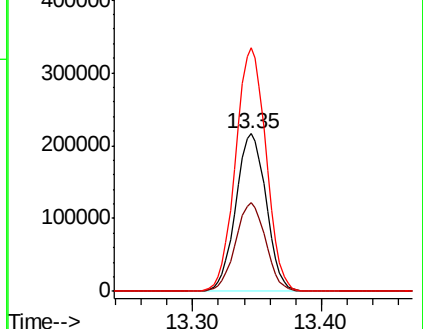
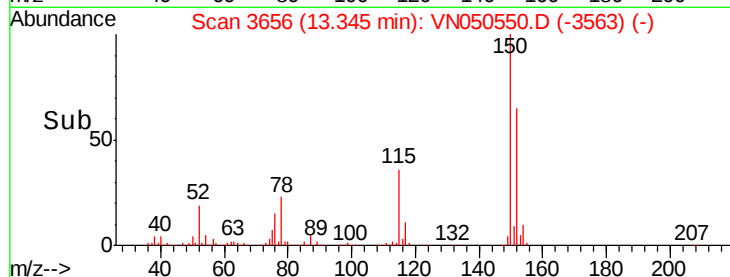
150 154.6 0.0 348.6



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: 6.21 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050550.D

Acq: 11 Aug 2018 5:24

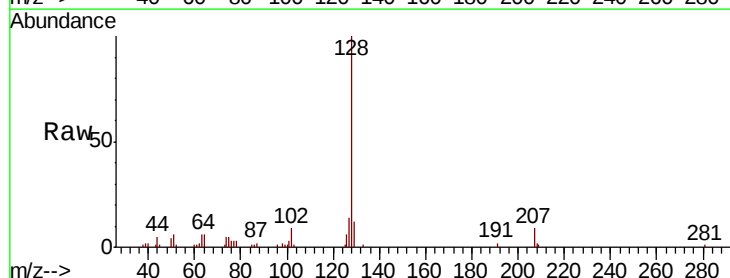
Tgt Ion:128 Resp: 47931

Ion Ratio Lower Upper

128 100

127 14.4 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

