

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050757.D
 Acq On : 18 Aug 2018 7:27
 Operator : MD\SY
 Sample : J4521-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11967

Quant Time: Aug 20 01:05:28 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	632721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1046016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	902048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309404	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	430874	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	
35) Dibromofluoromethane	7.59	113	400706	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
50) Toluene-d8	10.09	98	1444587	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	
62) 4-Bromofluorobenzene	12.40	95	387886	37.36	ug/l	0.00
Spiked Amount			Recovery	=	74.72%	

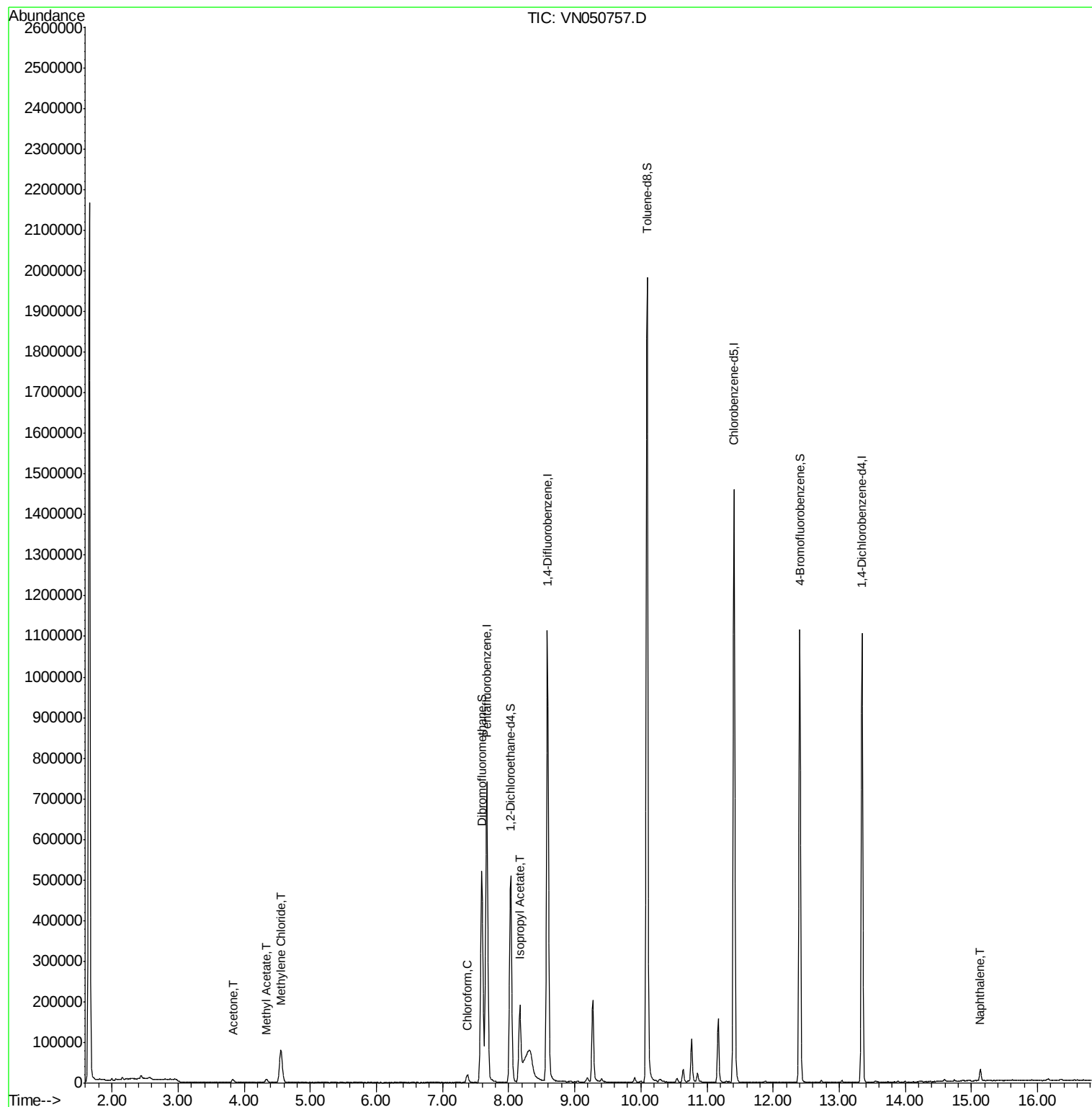
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	12866	5.04	ug/l	90
18) Methyl Acetate	4.33	43	15299	1.77	ug/l	98
20) Methylene Chloride	4.55	84	63549	7.30	ug/l	98
30) Chloroform	7.38	83	21645	1.51	ug/l	89
43) Isopropyl Acetate	8.17	43	232353	19.37	ug/l	97
95) Naphthalene	15.13	128	24440	5.76	ug/l	98

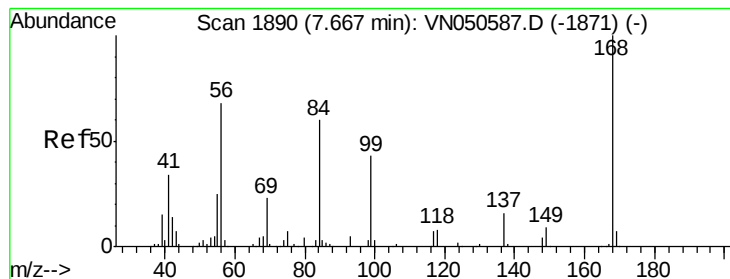
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050757.D

Acq: 18 Aug 2018 7:27

Instrument :

MSVOA_N

ClientSampleId :

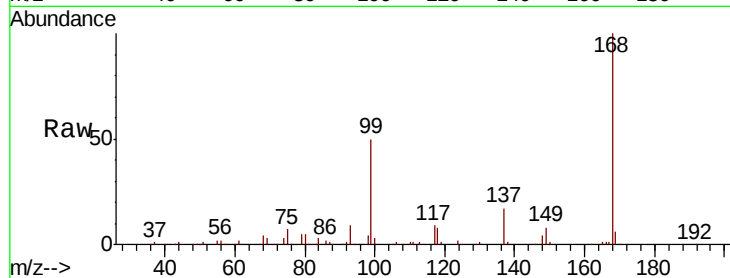
72-11967

Tot Ion:168 Resp: 632721

Ion Ratio Lower Upper

168 100

99 50.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050757.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050757.D (-1797) (-)

7.67

250000

200000

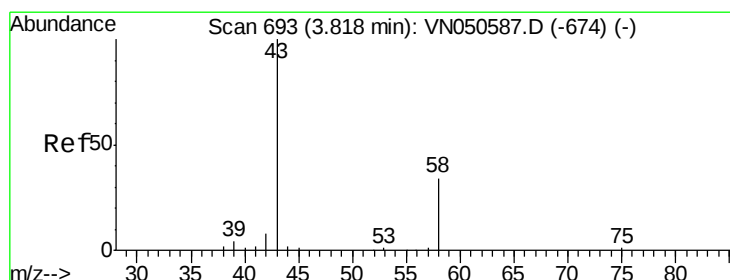
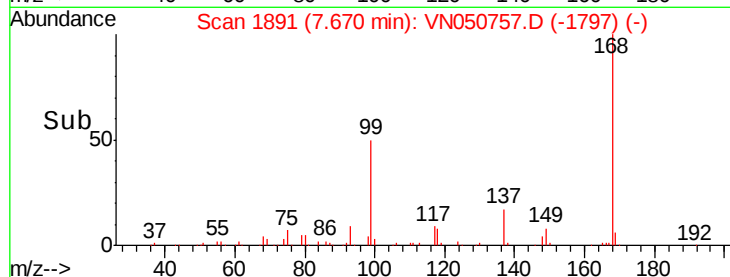
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.04 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050757.D

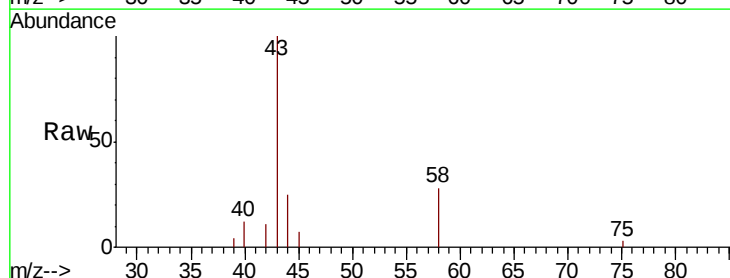
Acq: 18 Aug 2018 7:27

Tgt Ion: 43 Resp: 12866

Ion Ratio Lower Upper

43 100

58 28.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050757.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050757.D (-600) (-)

3.83

5000

4000

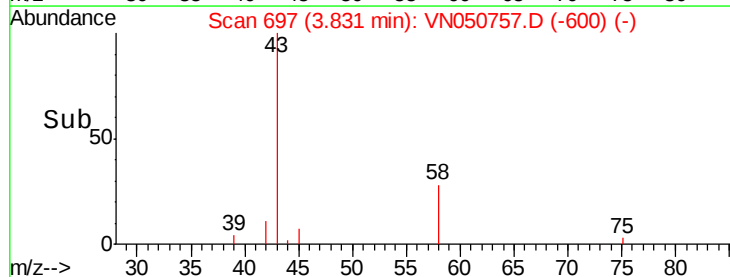
3000

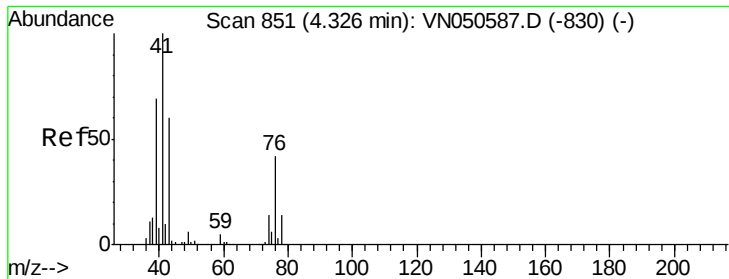
2000

1000

0

Time-->

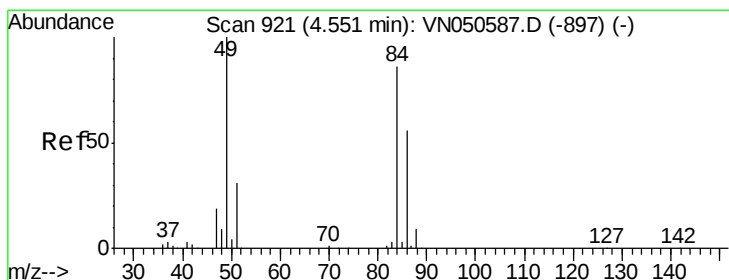
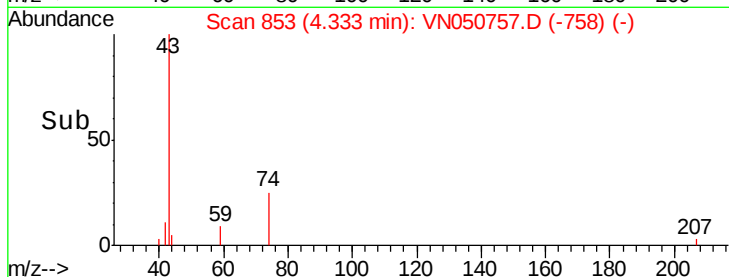
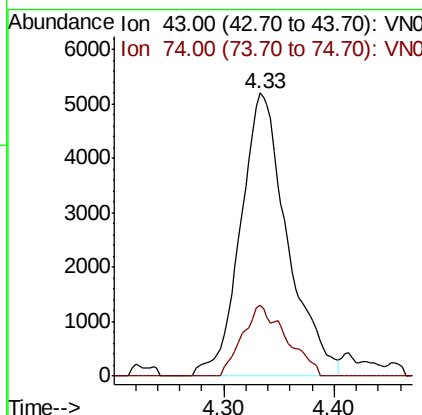
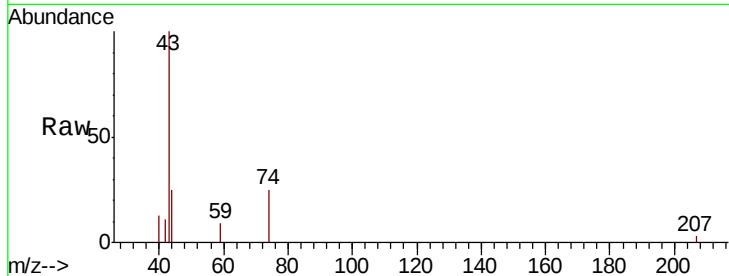




#18
Methvl Acetate
Concen: 1.77 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050757.D
Acq: 18 Aug 2018 7:27

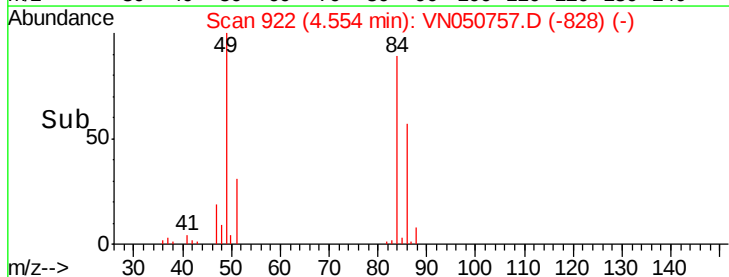
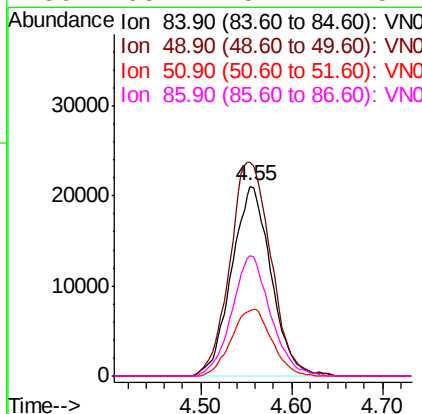
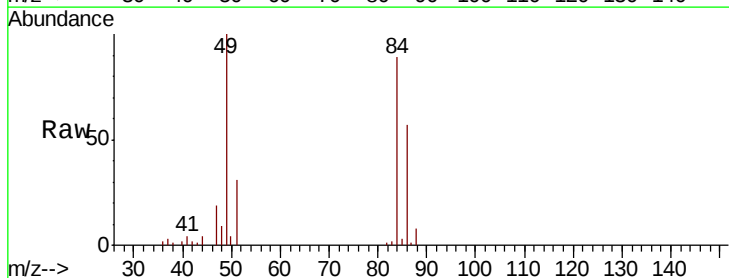
Instrument :
MSVOA_N
ClientSampled :
72-11967

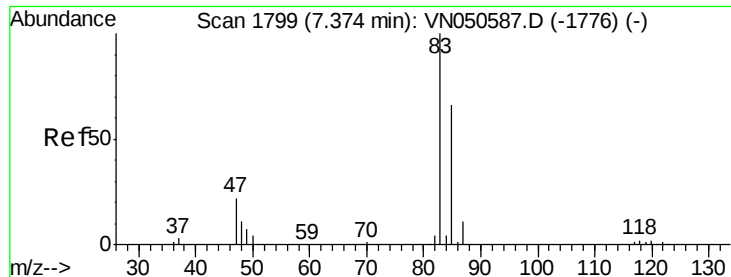
Tot Ion: 43 Resp: 15299
Ion Ratio Lower Upper
43 100
74 23.5 19.7 29.5



#20
Methylene Chloride
Concen: 7.30 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050757.D
Acq: 18 Aug 2018 7:27

Tgt Ion: 84 Resp: 63549
Ion Ratio Lower Upper
84 100
49 112.6 92.6 138.8
51 34.4 28.6 43.0
86 63.7 52.2 78.2





#30

Chloroform

Concen: 1.51 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050757.D

Acq: 18 Aug 2018 7:27

Instrument :

MSVOA_N

ClientSampleId :

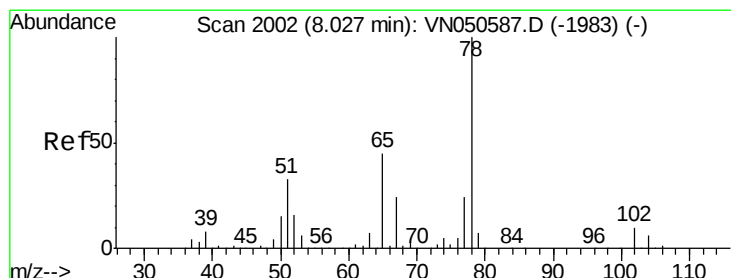
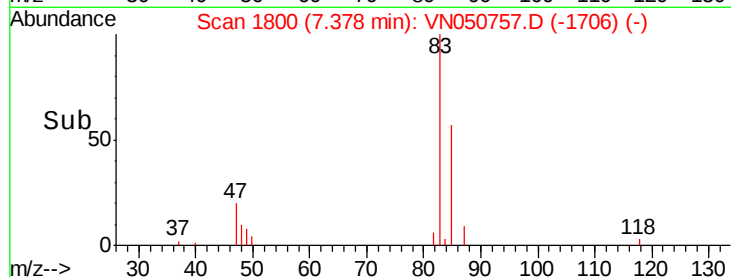
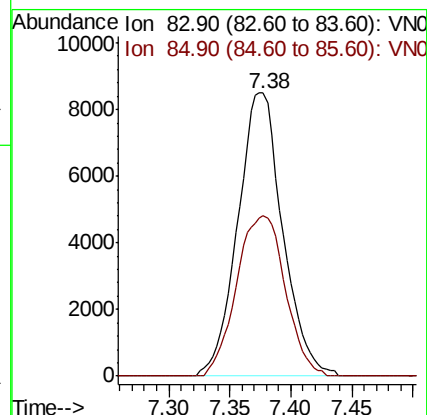
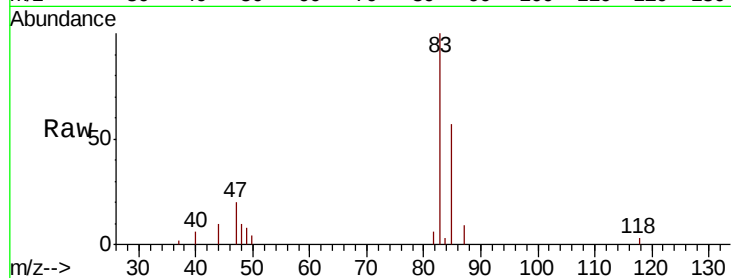
72-11967

Tot Ion: 83 Resp: 21645

Ion Ratio Lower Upper

83 100

85 56.7 52.5 78.7



#33

1,2-Dichloroethane-d4

Concen: 54.02 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050757.D

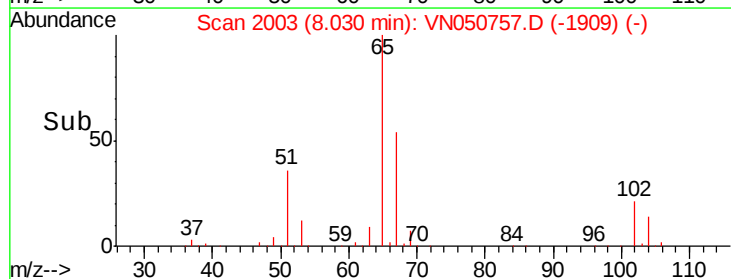
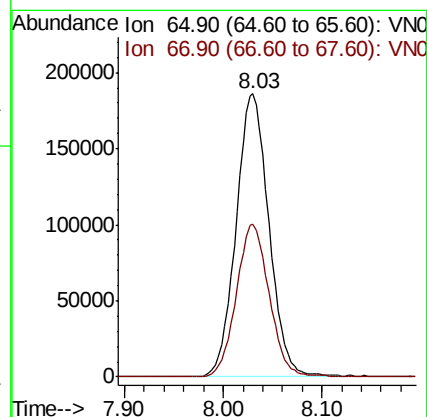
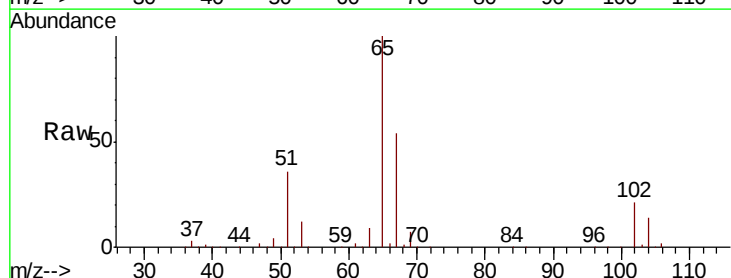
Acq: 18 Aug 2018 7:27

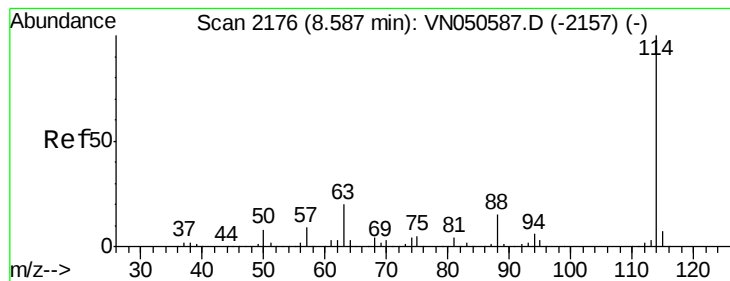
Tgt Ion: 65 Resp: 430874

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050757.D

Acq: 18 Aug 2018 7:27

Instrument :

MSVOA_N

ClientSampleId :

72-11967

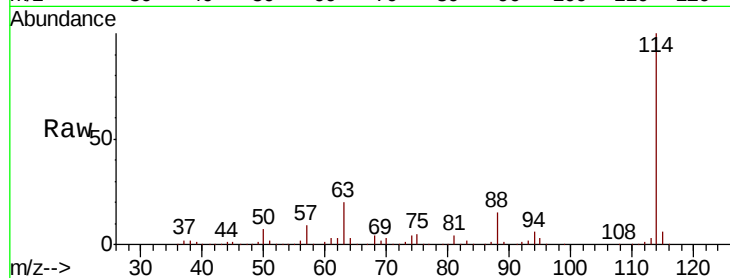
Tot Ion:114 Resp: 1046016

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

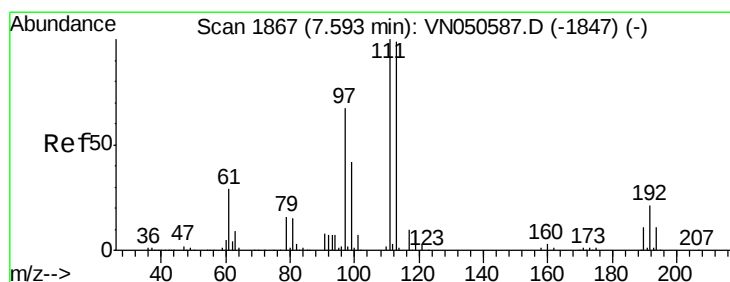
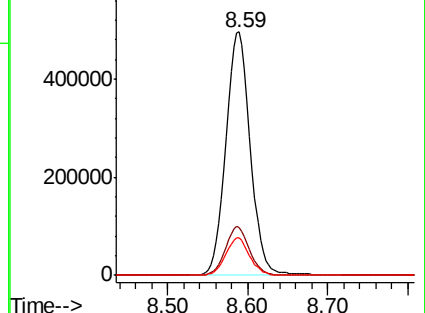
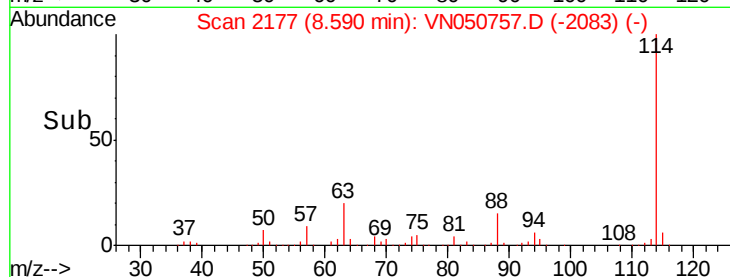
88 15.5 0.0 30.8



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: 47.98 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050757.D

Acq: 18 Aug 2018 7:27

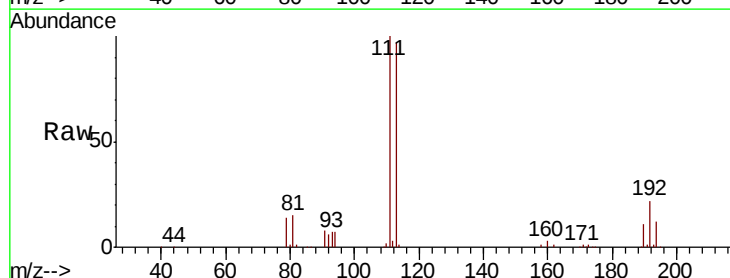
Tgt Ion:113 Resp: 400706

Ion Ratio Lower Upper

113 100

111 103.3 81.0 121.6

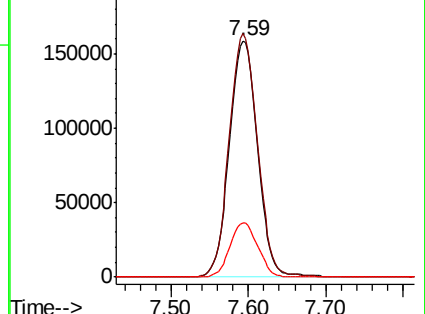
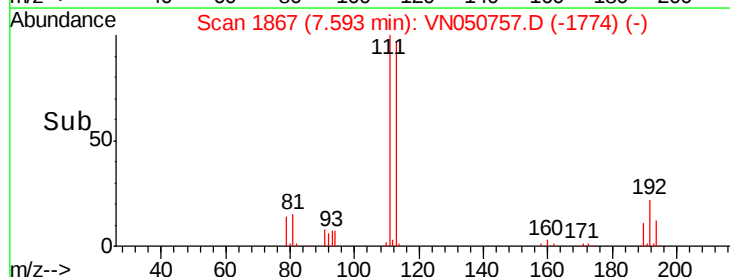
192 22.6 17.6 26.4

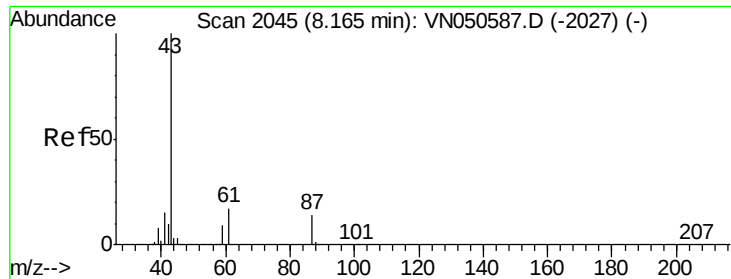


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 19.37 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050757.D

Acq: 18 Aug 2018 7:27

Instrument :

MSVOA_N

ClientSampleId :

72-11967

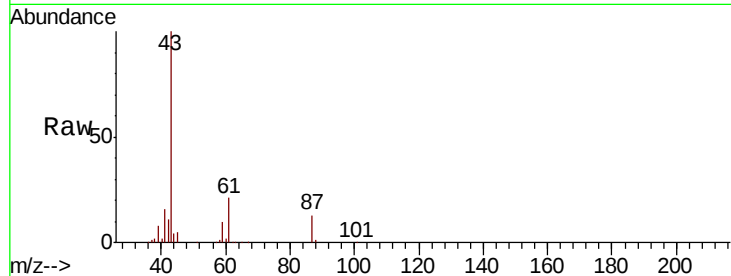
Tot Ion: 43 Resp: 232353

Ion Ratio Lower Upper

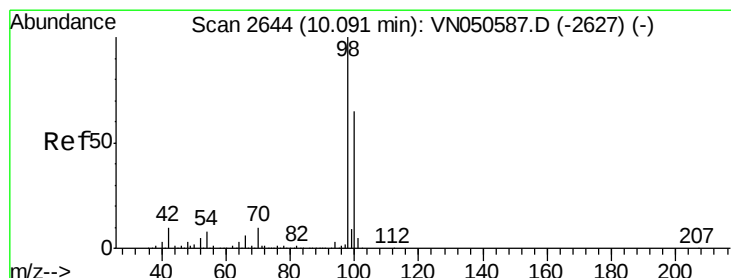
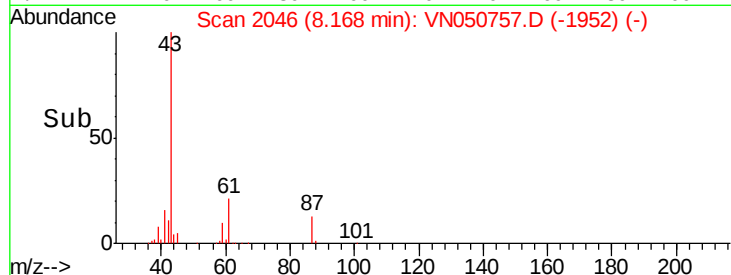
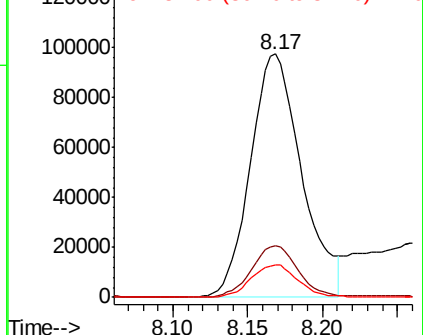
43 100

61 19.2 16.2 24.2

87 12.3 10.9 16.3



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: 45.96 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050757.D

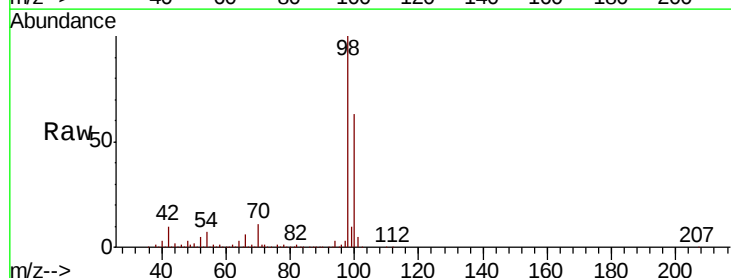
Acq: 18 Aug 2018 7:27

Tgt Ion: 98 Resp: 1444587

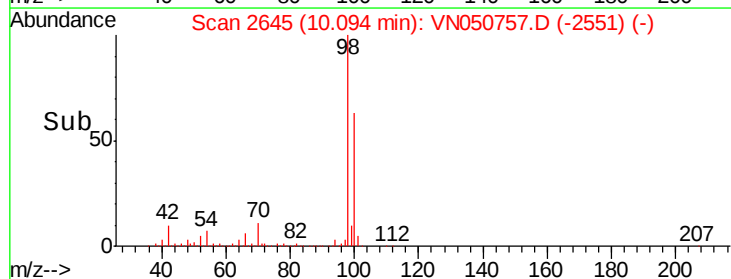
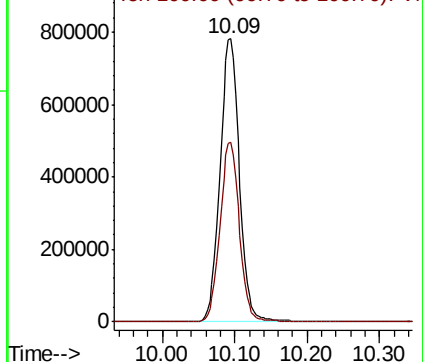
Ion Ratio Lower Upper

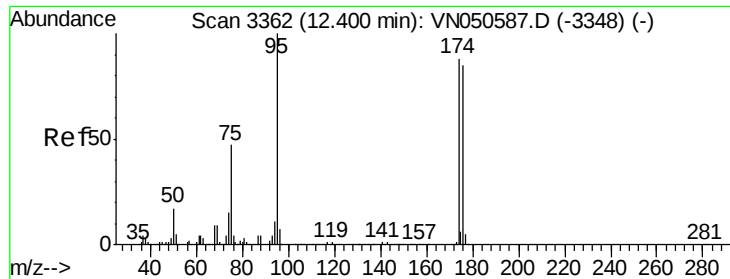
98 100

100 63.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

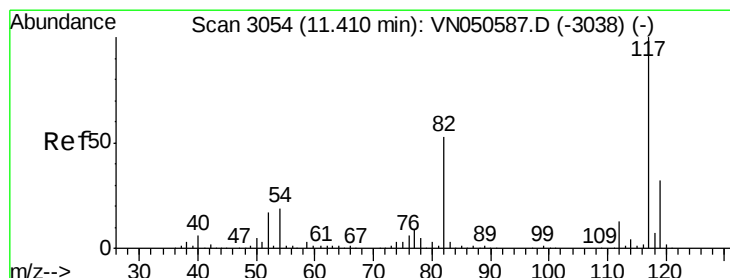
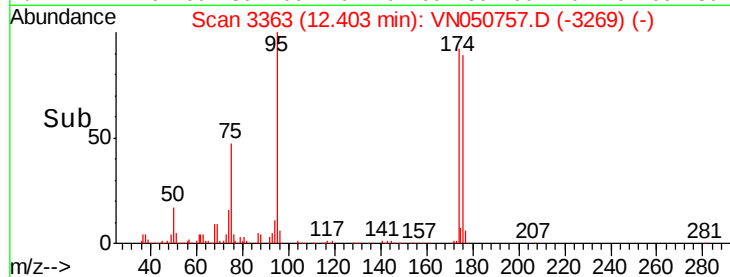
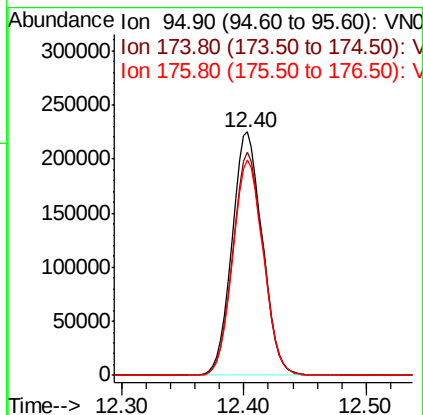
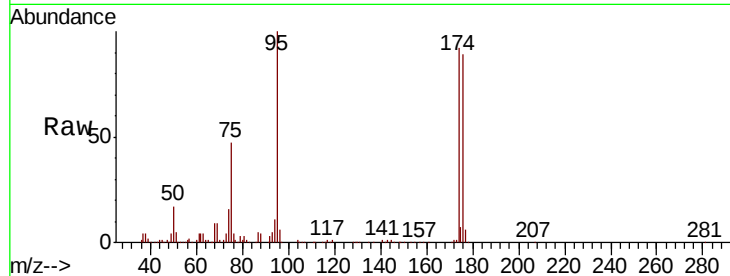




#62
4-Bromofluorobenzene
Concen: 37.36 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050757.D
Acq: 18 Aug 2018 7:27

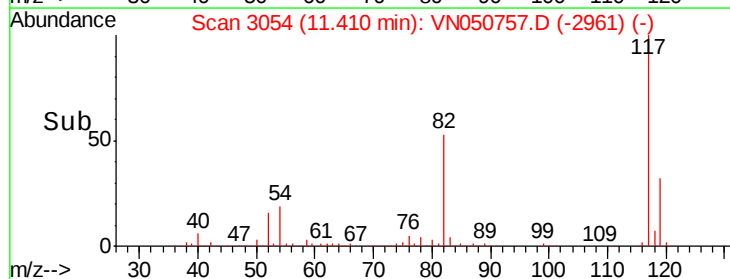
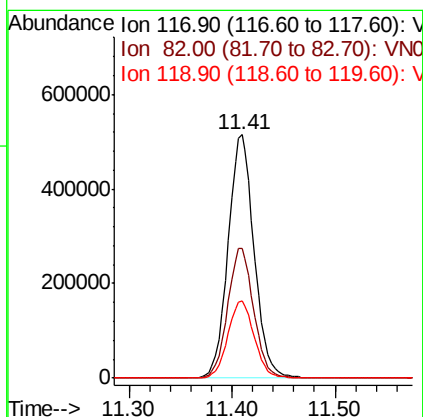
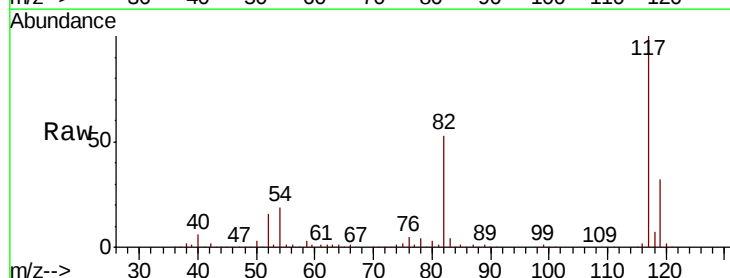
Instrument :
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72-11967

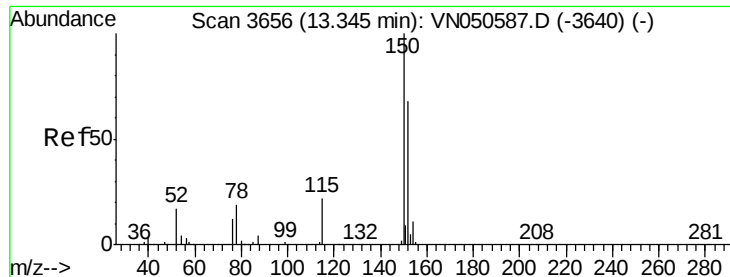
Tot Ion: 95 Resp: 387886
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.8
176 89.0 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050757.D
Acq: 18 Aug 2018 7:27

Tgt Ion: 117 Resp: 902048
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 31.7 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050757.D

Acq: 18 Aug 2018 7:27

Instrument :

MSVOA_N

ClientSampleId :

72-11967

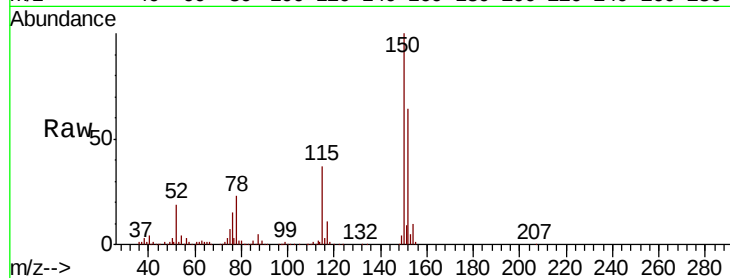
Tot Ion:152 Resp: 309404

Ion Ratio Lower Upper

152 100

115 57.2 28.1 84.2

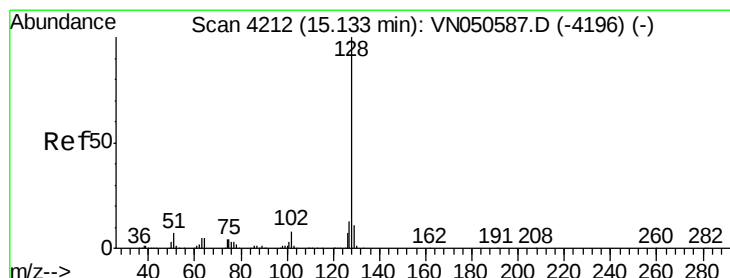
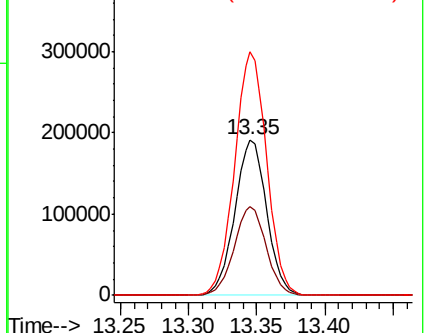
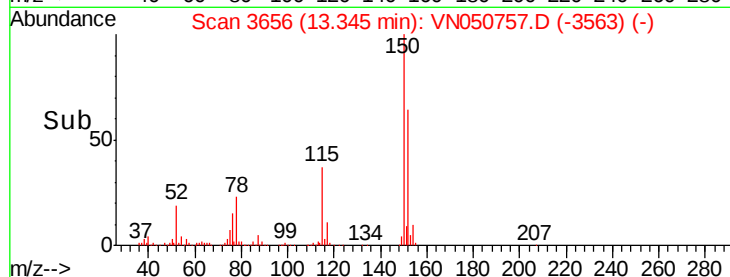
150 158.1 0.0 347.8



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: 5.76 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050757.D

Acq: 18 Aug 2018 7:27

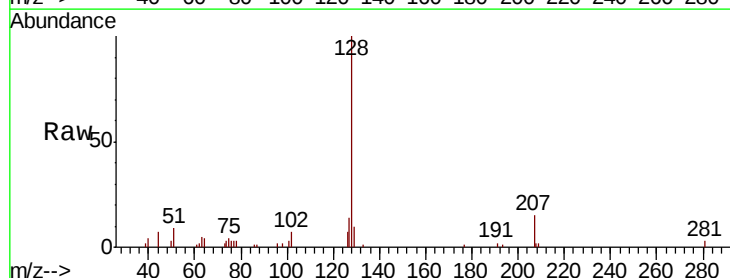
Tgt Ion:128 Resp: 24440

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 11.0 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

