

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050607.D
 Acq On : 14 Aug 2018 17:14
 Operator : MD\SY
 Sample : J4442-50
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1-5

Quant Time: Aug 15 12:33:42 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	670985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1094140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	940191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347158	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	459852	54.37	ug/l	0.00
Spiked Amount						
			Recovery	=	108.74%	
35) Dibromofluoromethane	7.59	113	429995	49.23	ug/l	0.00
Spiked Amount						
			Recovery	=	98.46%	
50) Toluene-d8	10.09	98	1511279	45.97	ug/l	0.00
Spiked Amount						
			Recovery	=	91.94%	
62) 4-Bromofluorobenzene	12.40	95	418445	38.53	ug/l	0.00
Spiked Amount						
			Recovery	=	77.06%	

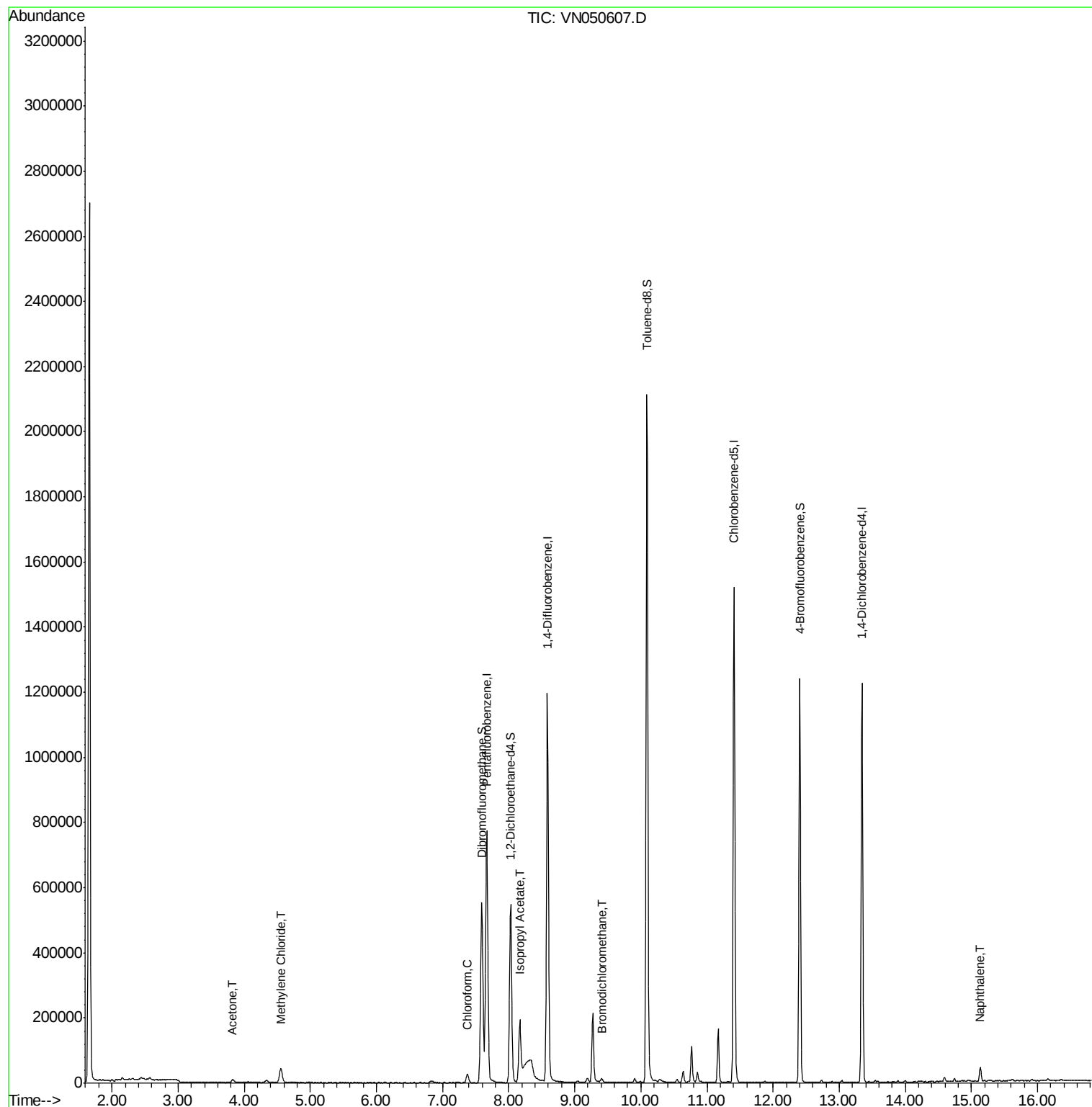
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	17132	6.70	ug/l	100
20) Methylene Chloride	4.55	84	34217	3.06	ug/l	99
30) Chloroform	7.37	83	28297	1.86	ug/l	98
43) Isopropyl Acetate	8.17	43	236754	18.87	ug/l	98
47) Bromodichloromethane	9.40	83	6885	0.55	ug/l	97
95) Naphthalene	15.13	128	39127	6.56	ug/l	98

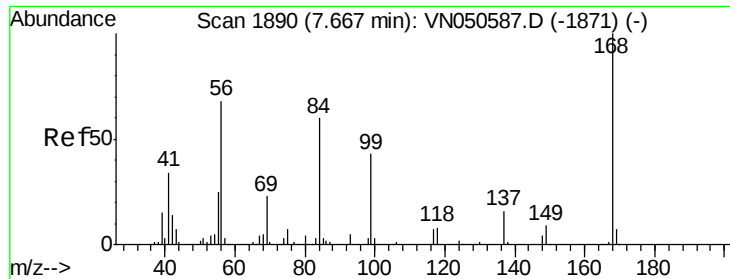
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SP-1-5

Quant Time: Aug 15 12:33:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 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: VN050607.D

Acq: 14 Aug 2018 17:14

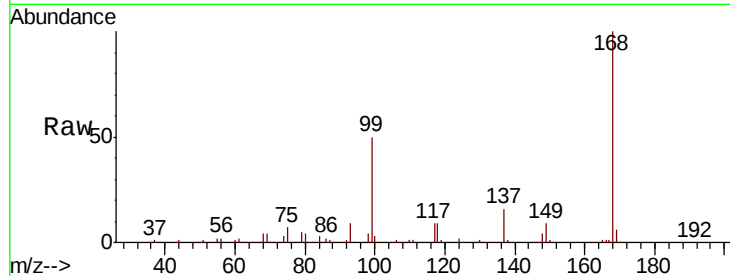
Instrument :
MSVOA_N
ClientSampled :
SP-1-5

Tot Ion:168 Resp: 670985

Ion Ratio Lower Upper

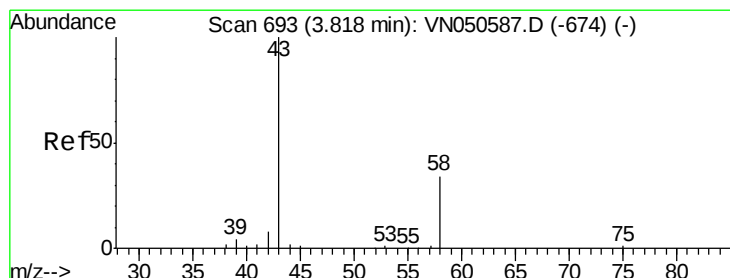
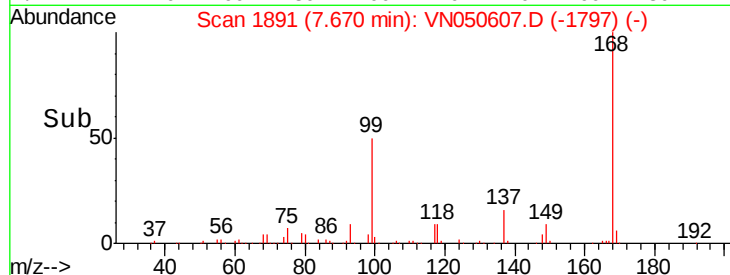
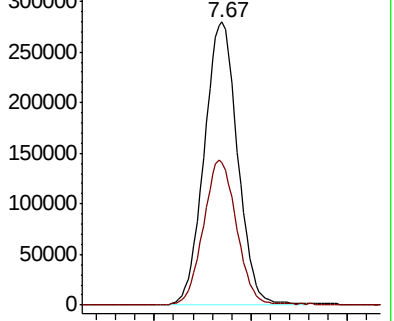
168 100

99 50.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.70 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050607.D

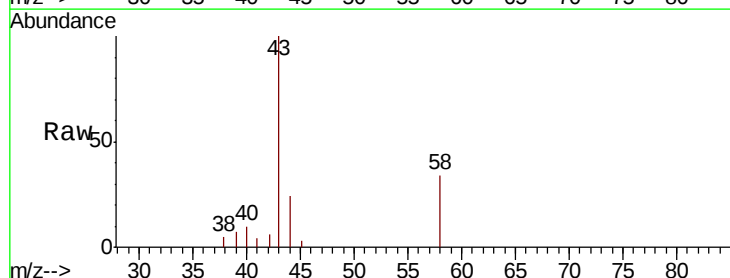
Acq: 14 Aug 2018 17:14

Tgt Ion: 43 Resp: 17132

Ion Ratio Lower Upper

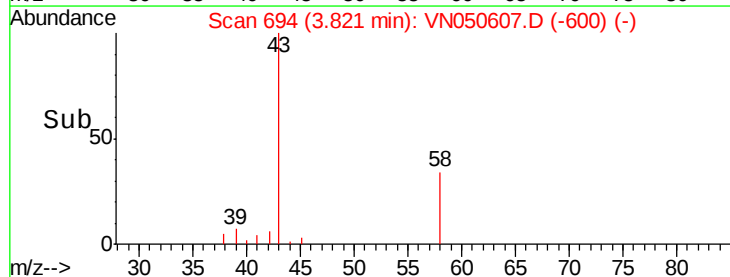
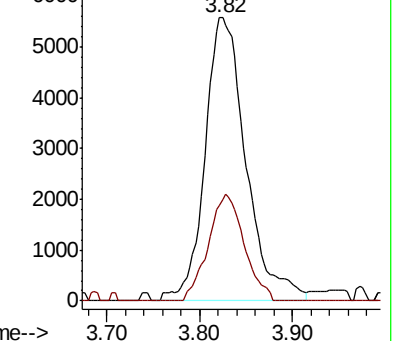
43 100

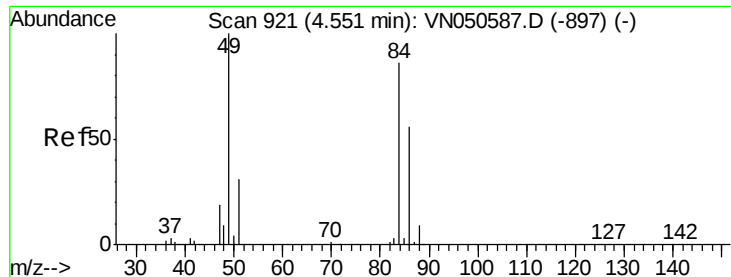
58 33.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

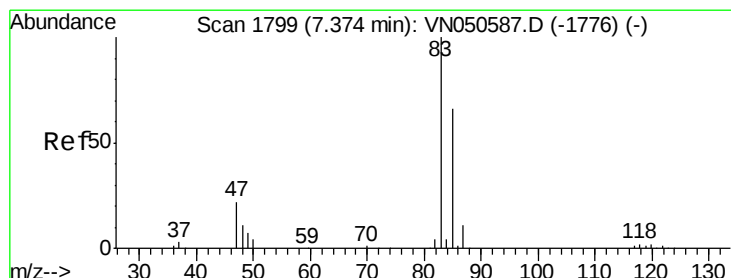
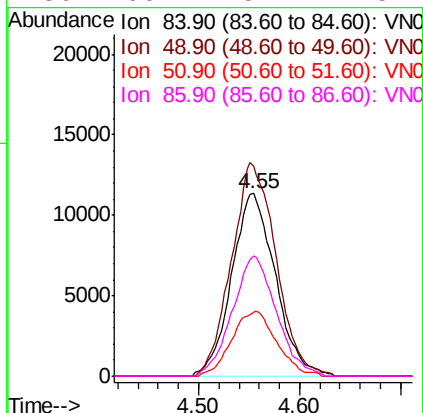
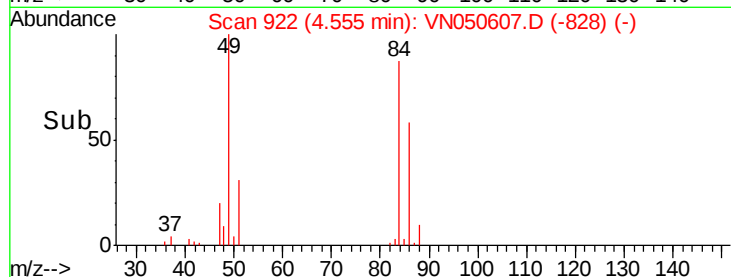
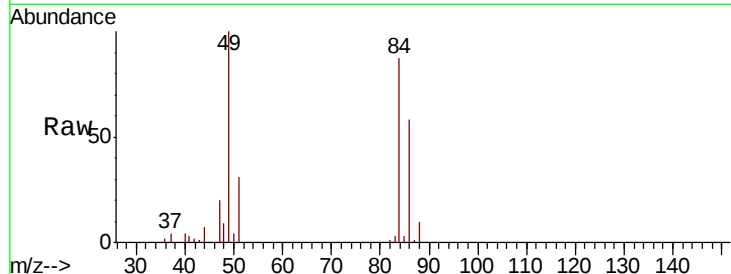




#20
Methvlene Chloride
Concen: 3.06 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

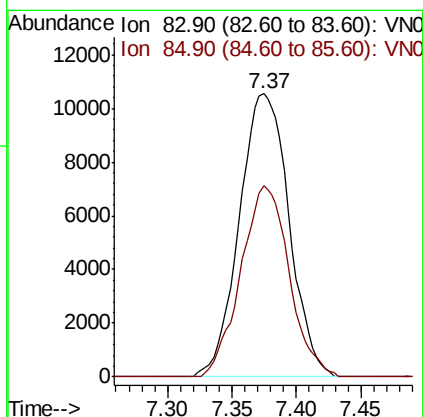
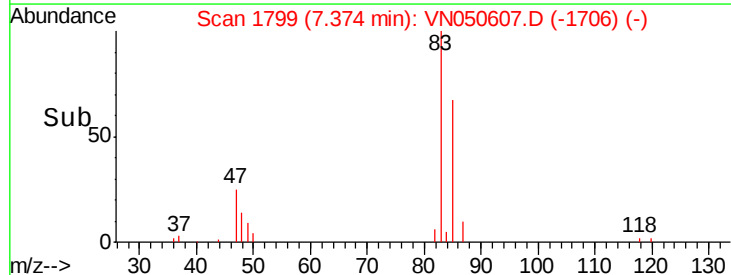
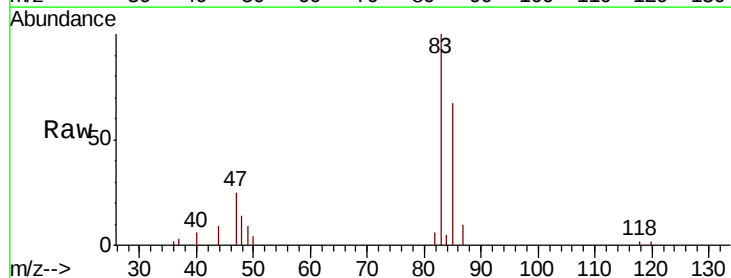
Instrument :
MSVOA_N
ClientSampleId :
SP-1-5

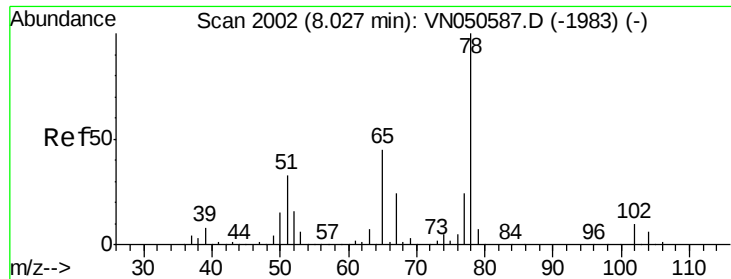
Tot Ion: 84 Resp: 34217
Ion Ratio Lower Upper
84 100
49 114.8 92.6 138.8
51 35.3 28.6 43.0
86 66.2 52.2 78.2



#30
Chloroform
Concen: 1.86 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

Tgt Ion: 83 Resp: 28297
Ion Ratio Lower Upper
83 100
85 67.4 52.5 78.7

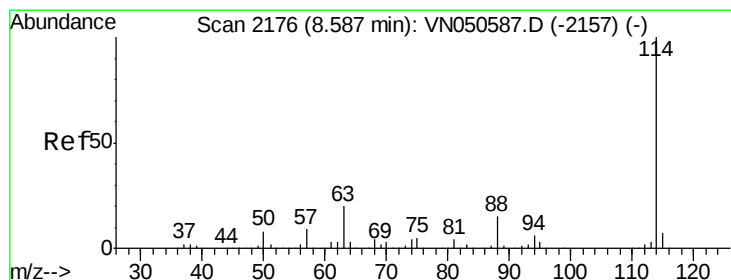
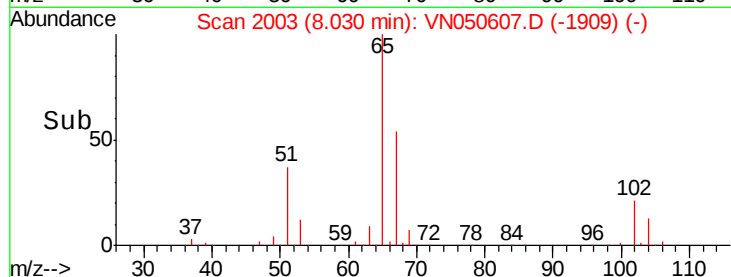
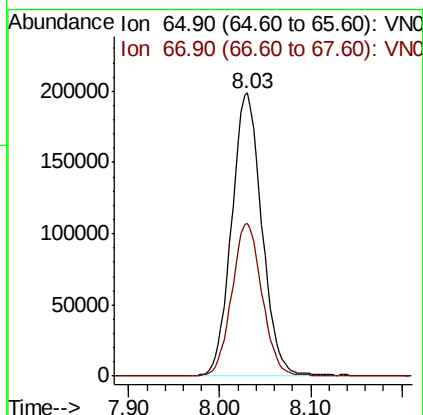
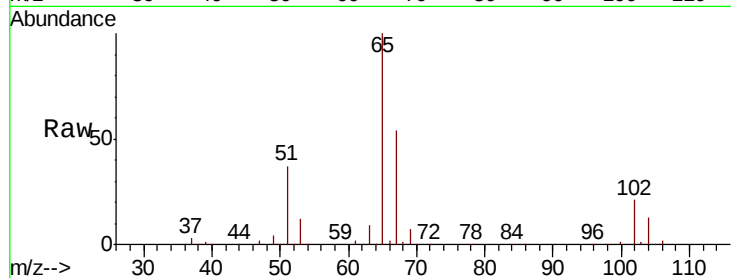




#33
 1,2-Dichloroethane-d4
 Concen: 54.37 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050607.D
 Acq: 14 Aug 2018 17:14

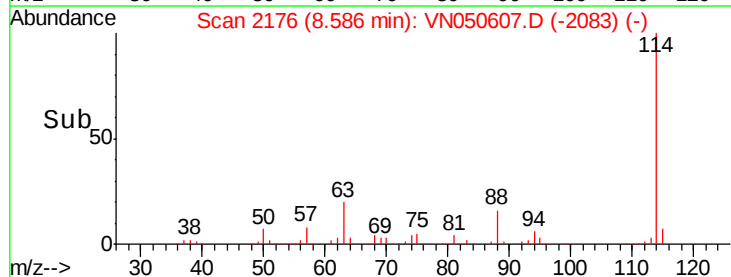
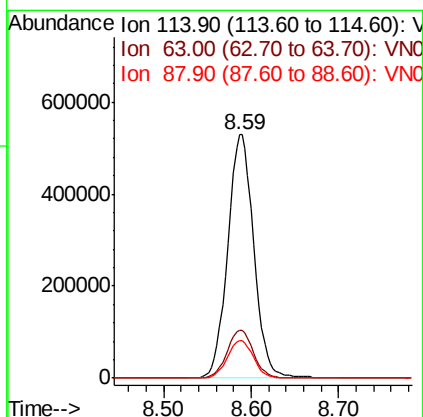
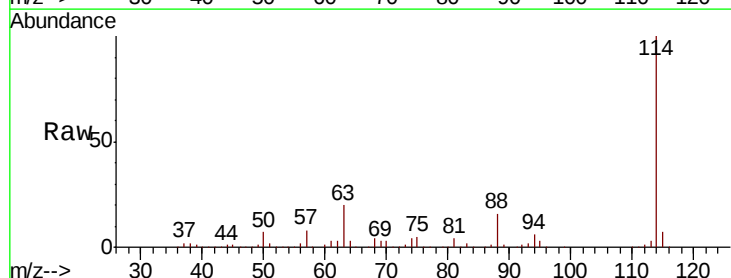
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1-5

Tot Ion: 65 Resp: 459852
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050607.D
 Acq: 14 Aug 2018 17:14

Tgt Ion: 114 Resp: 1094140
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.5 0.0 30.8

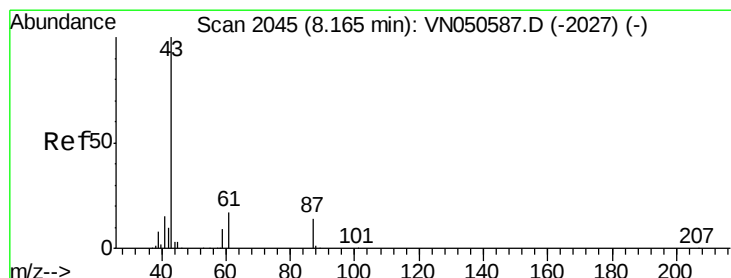
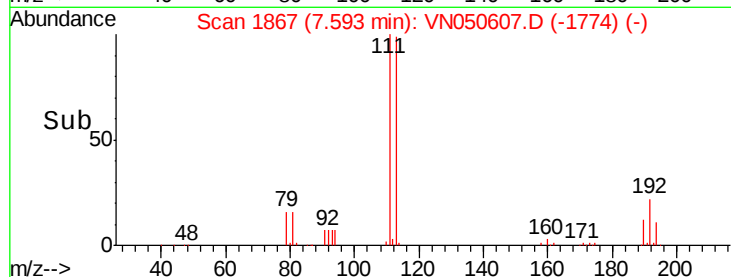
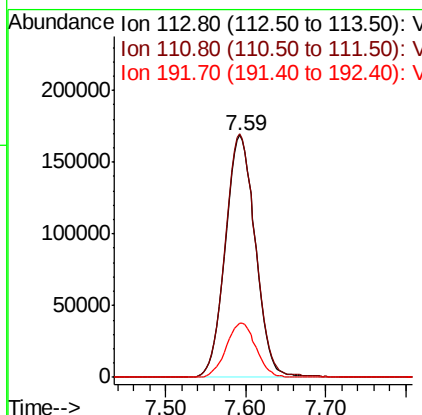
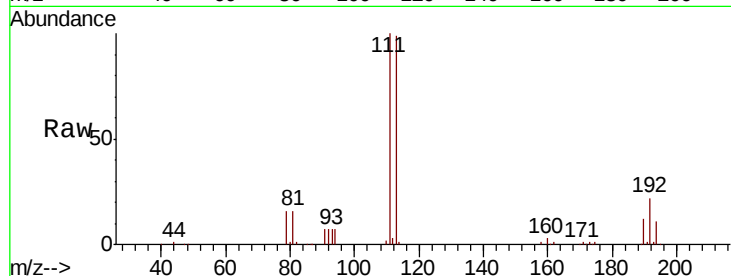




#35
 Dibromofluoromethane
 Concen: 49.23 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050607.D
 Acq: 14 Aug 2018 17:14

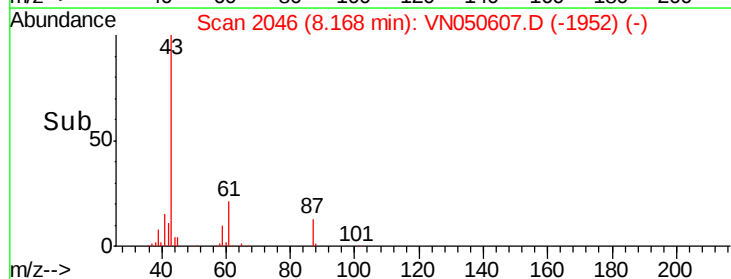
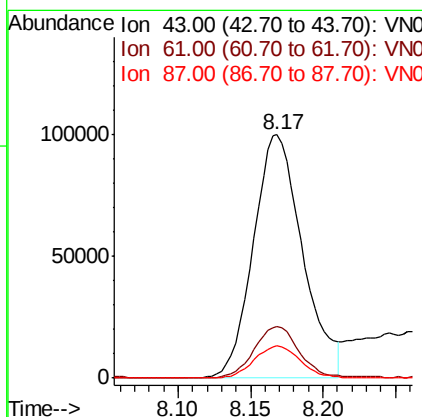
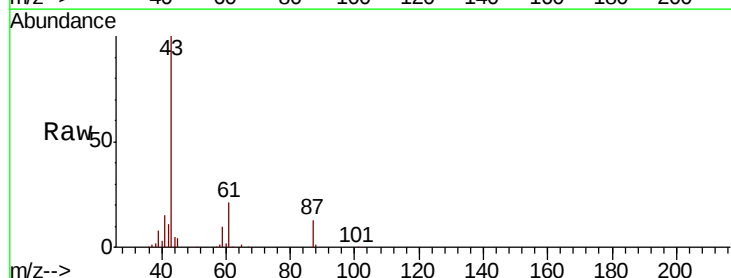
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1-5

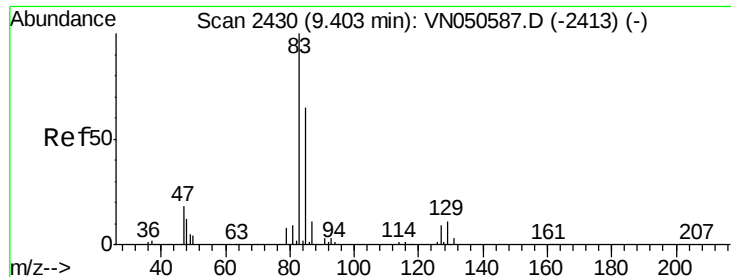
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.0	121.6
192	22.3	17.6	26.4



#43
 Isopropyl Acetate
 Concen: 18.87 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050607.D
 Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.2	24.2
87	12.4	10.9	16.3





#47

Bromodichloromethane

Concen: 0.55 ug/l

RT: 9.40 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

SP-1-5

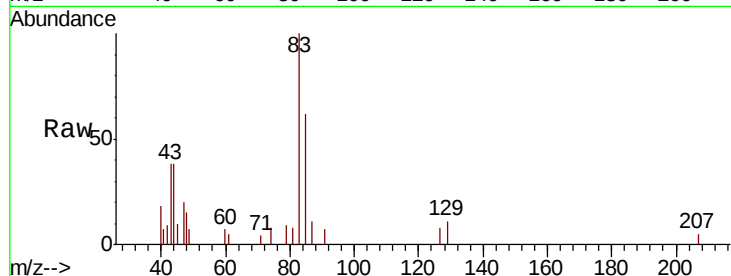
Tot Ion: 83 Resp: 6885

Ion Ratio Lower Upper

83 100

85 62.3 51.8 77.6

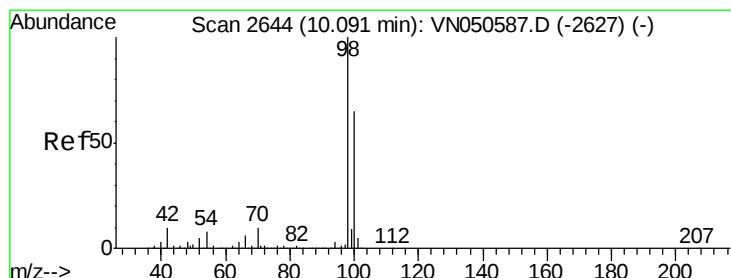
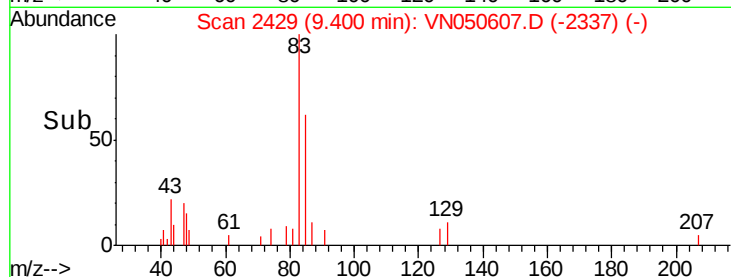
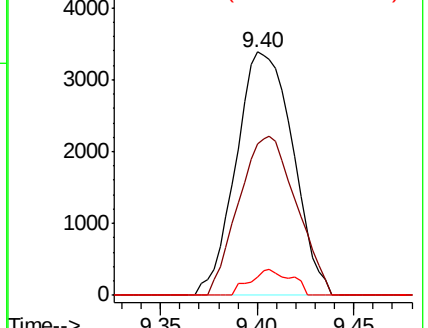
127 7.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN050607.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN050607.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN050607.D (-2413) (-)



#50

Toluene-d8

Concen: 45.97 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050607.D

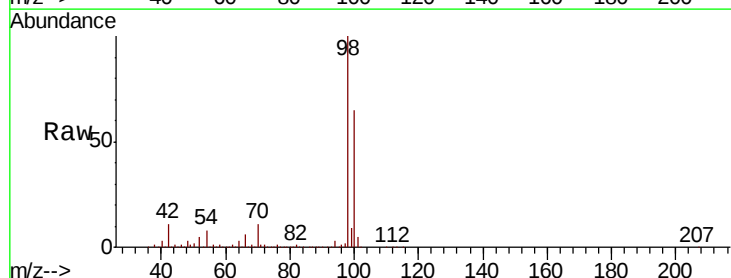
Acq: 14 Aug 2018 17:14

Tgt Ion: 98 Resp: 1511279

Ion Ratio Lower Upper

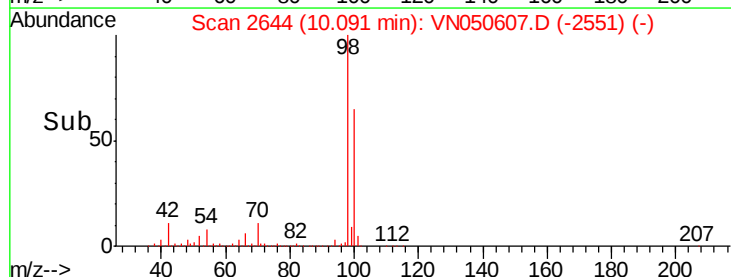
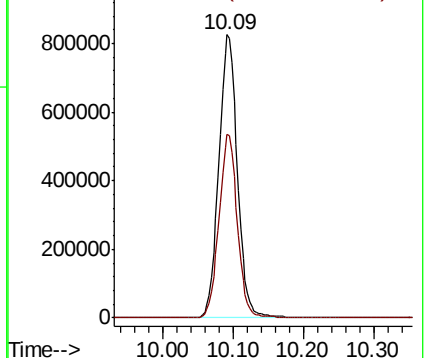
98 100

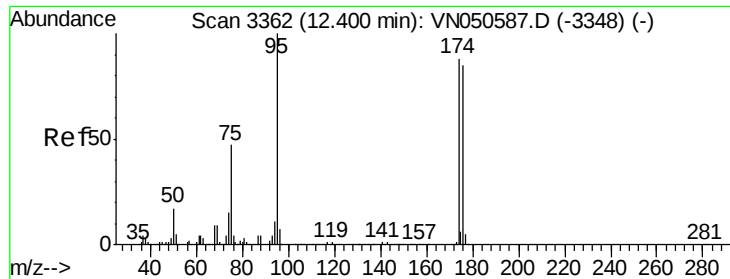
100 64.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050607.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050607.D (-2627) (-)





#62

4-Bromofluorobenzene

Concen: 38.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

SP-1-5

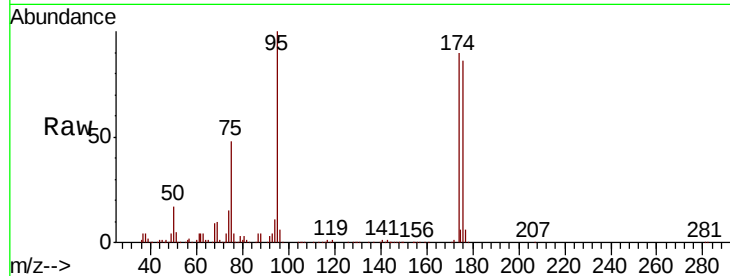
Tot Ion: 95 Resp: 418445

Ion Ratio Lower Upper

95 100

174 90.9 0.0 177.8

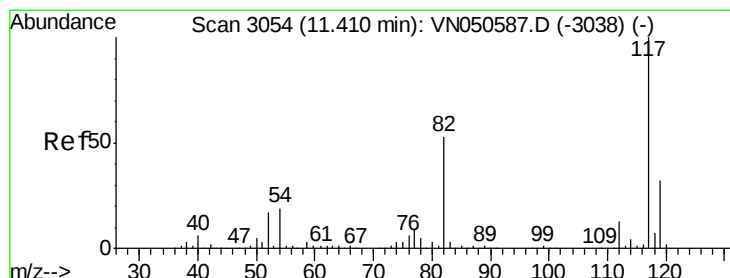
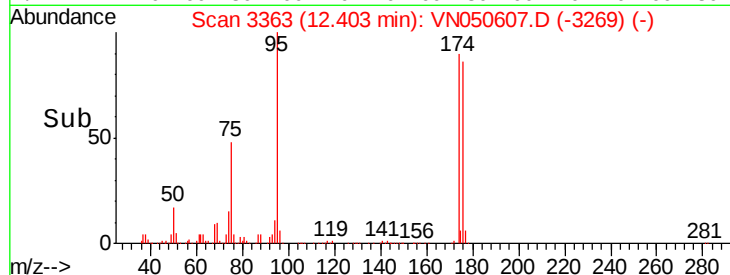
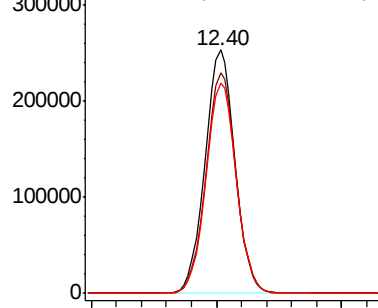
176 87.6 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050607.D (-3269) (-)

Ion 173.80 (173.50 to 174.50): VN050607.D (-3269) (-)

Ion 175.80 (175.50 to 176.50): VN050607.D (-3269) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

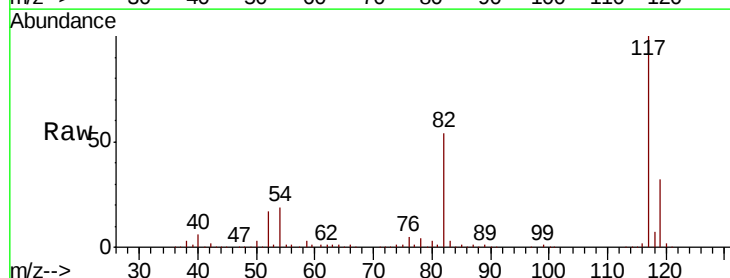
Tgt Ion: 117 Resp: 940191

Ion Ratio Lower Upper

117 100

82 53.9 42.4 63.6

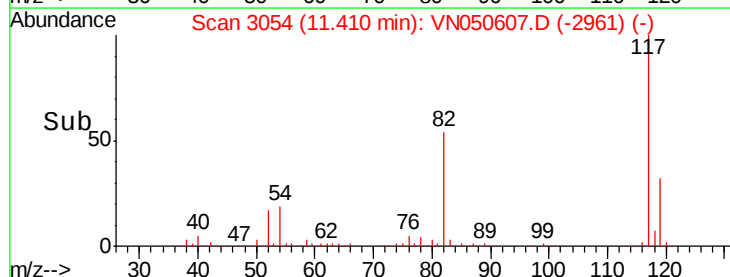
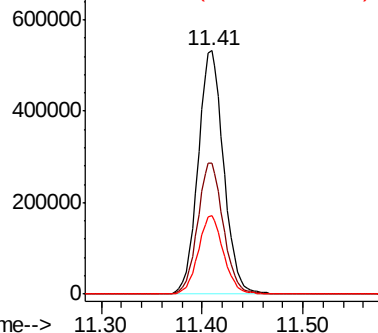
119 32.4 25.8 38.8

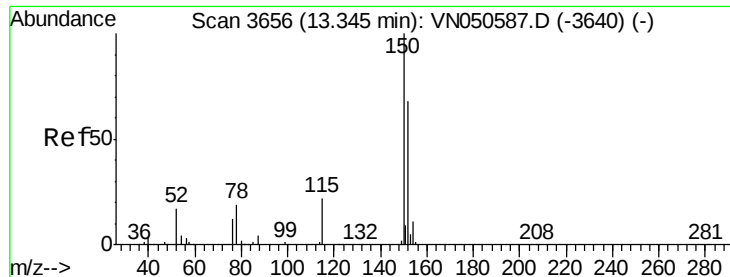


Abundance Ion 116.90 (116.60 to 117.60): VN050607.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050607.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050607.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

SP-1-5

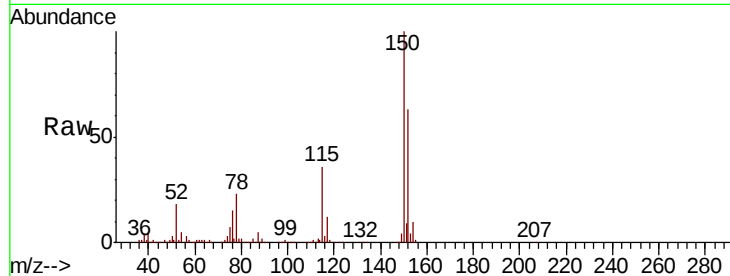
Tot Ion:152 Resp: 347158

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

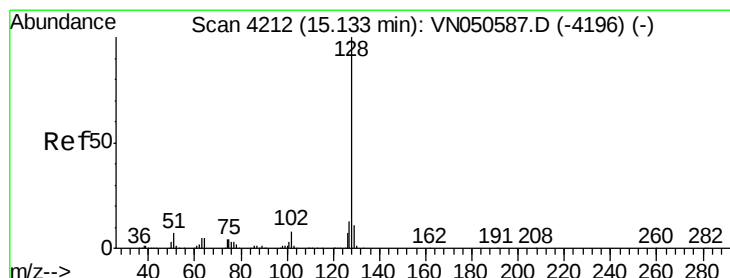
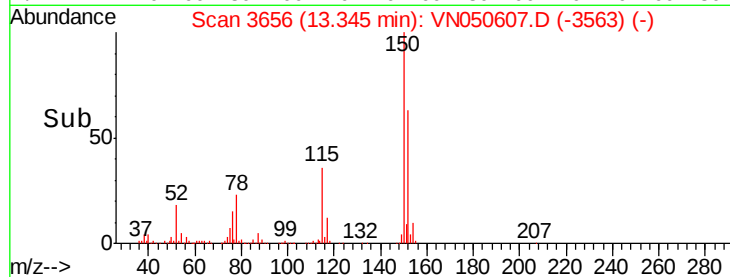
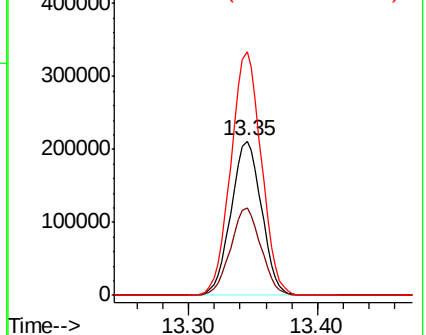
150 158.1 0.0 347.8



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: 6.56 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

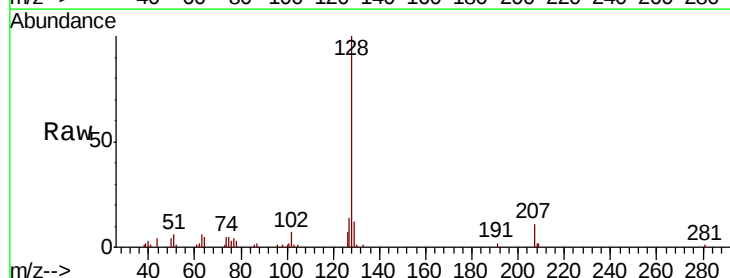
Tgt Ion:128 Resp: 39127

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 11.1 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

