

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051211.D
 Acq On : 15 Sep 2018 00:36
 Operator : MD\SY
 Sample : J4906-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-10

Quant Time: Sep 15 02:11:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	605133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	971909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	798667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	270274	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	362071	53.77	ug/l	0.00
Spiked Amount			Recovery	=	107.54%	
35) Dibromofluoromethane	7.59	113	365808	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
50) Toluene-d8	10.09	98	1288959	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
62) 4-Bromofluorobenzene	12.40	95	346722	37.82	ug/l	0.00
Spiked Amount			Recovery	=	75.64%	

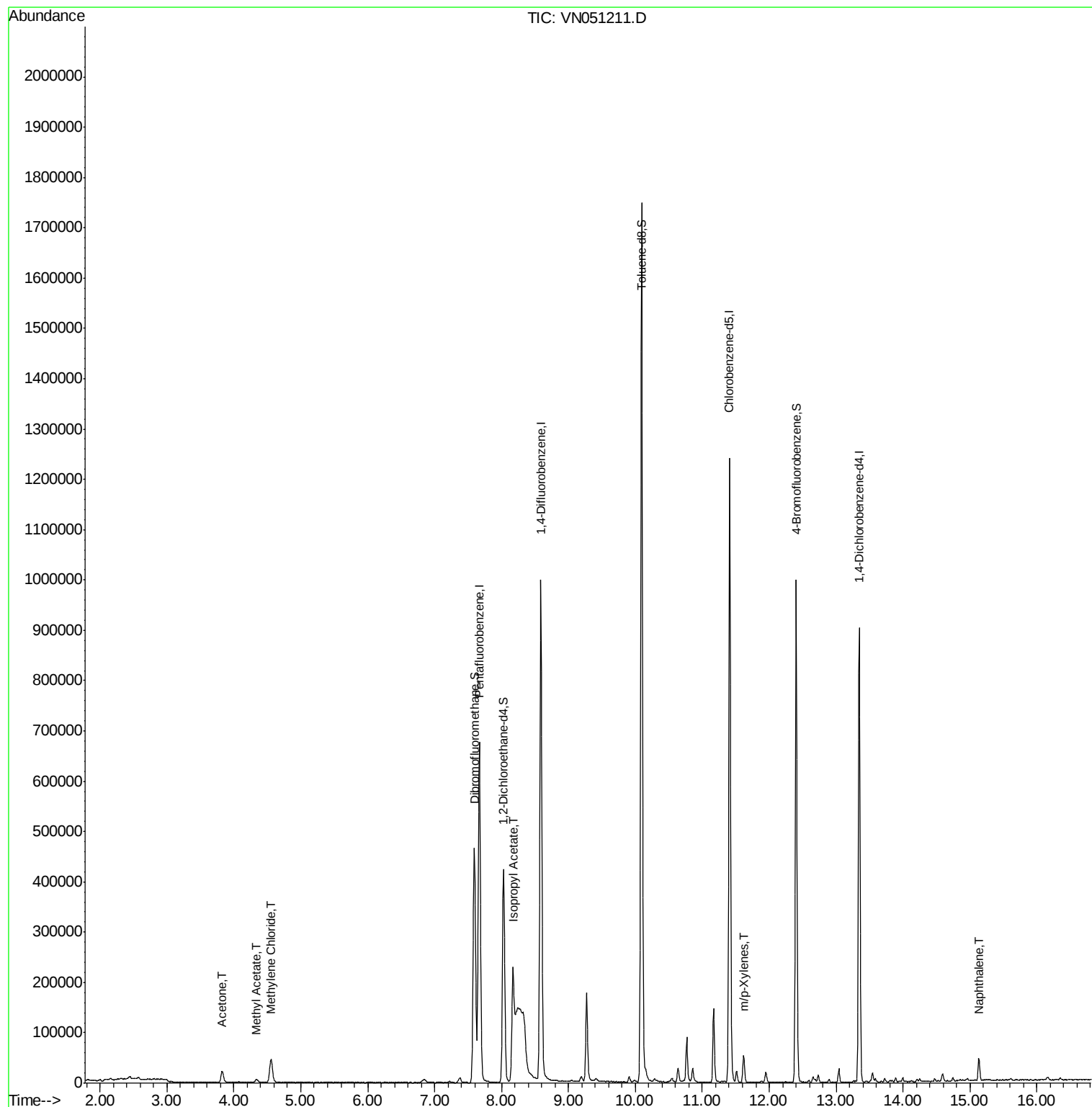
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	38491	17.69	ug/l	98
18) Methyl Acetate	4.34	43	13053	2.42	ug/l #	76
20) Methylene Chloride	4.55	84	37311	5.02	ug/l	96
43) Isopropyl Acetate	8.17	43	289089	26.51	ug/l #	79
68) m/p-Xylenes	11.62	106	17501	1.40	ug/l	99
95) Naphthalene	15.13	128	40598	8.91	ug/l	99

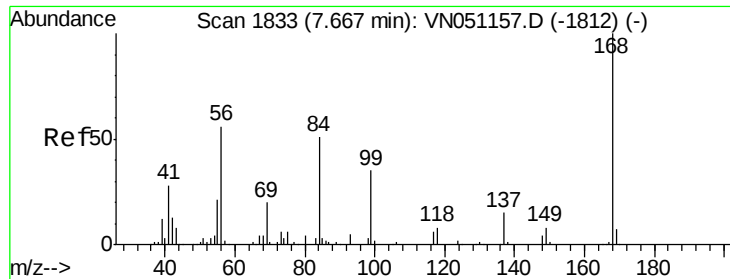
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 15 02:11:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

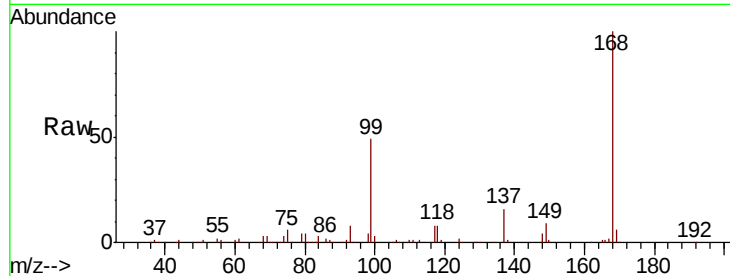
SP-PIT-10

Tot Ion:168 Resp: 605133

Ion Ratio Lower Upper

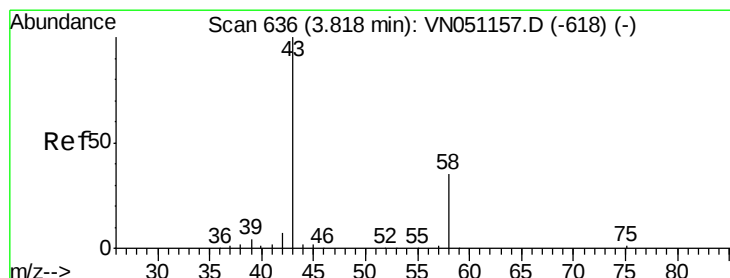
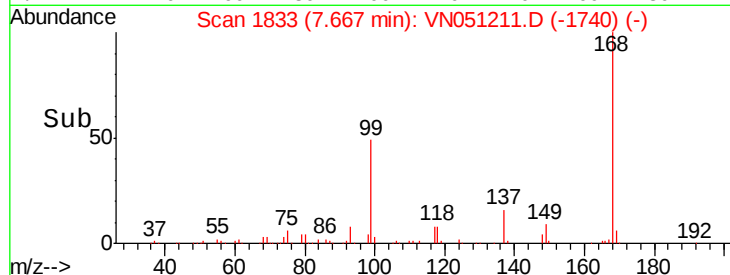
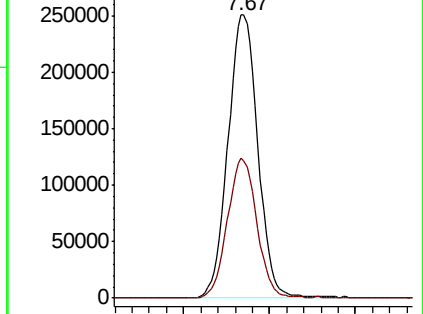
168 100

99 49.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 17.69 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051211.D

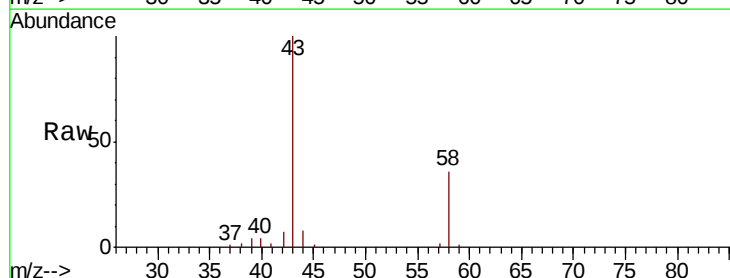
Acq: 15 Sep 2018 00:36

Tgt Ion: 43 Resp: 38491

Ion Ratio Lower Upper

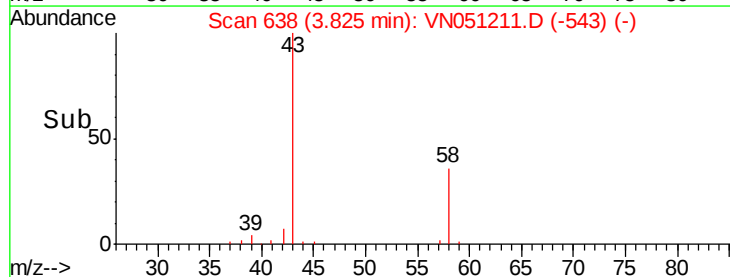
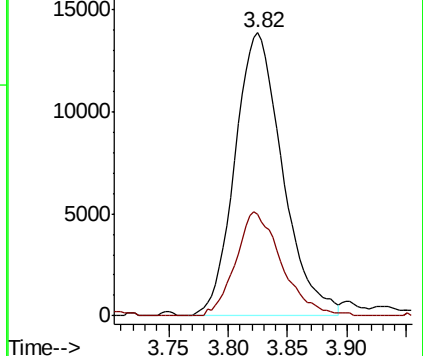
43 100

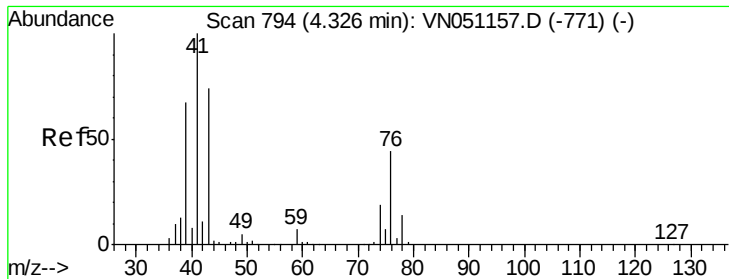
58 35.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

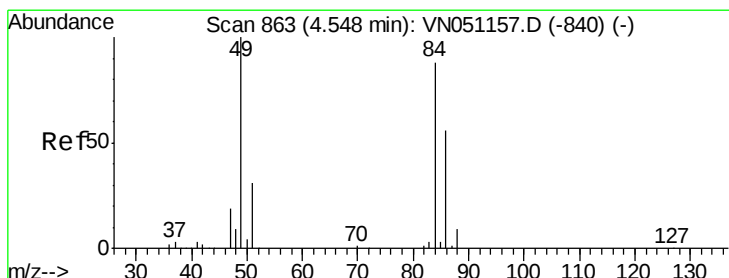
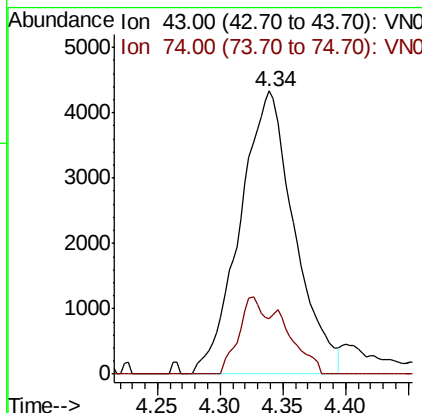
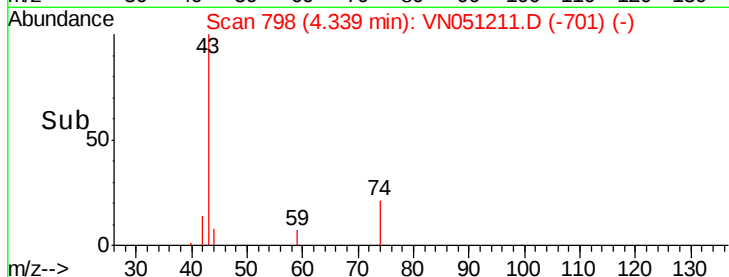
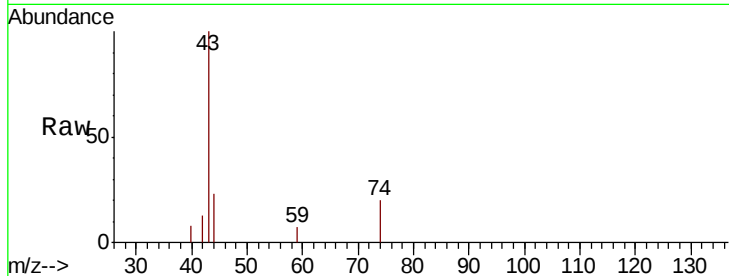




#18
Methyl Acetate
Concen: 2.42 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051211.D
Acq: 15 Sep 2018 00:36

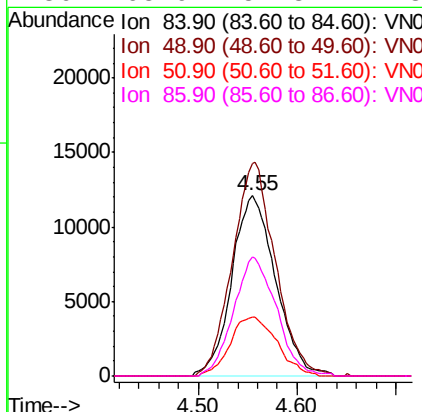
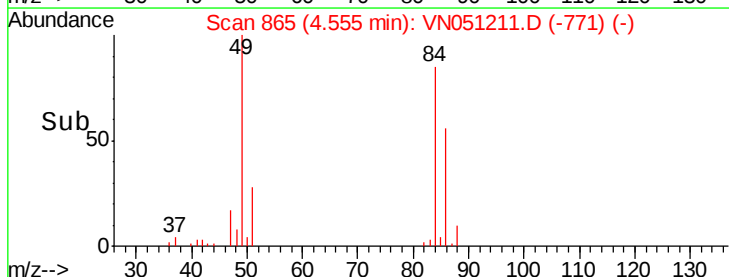
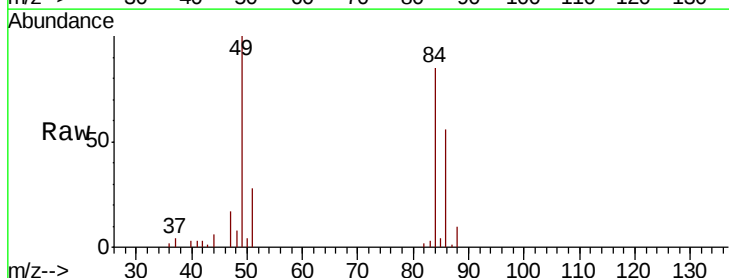
Instrument :
MSVOA_N
ClientSampleId :
SP-PIT-10

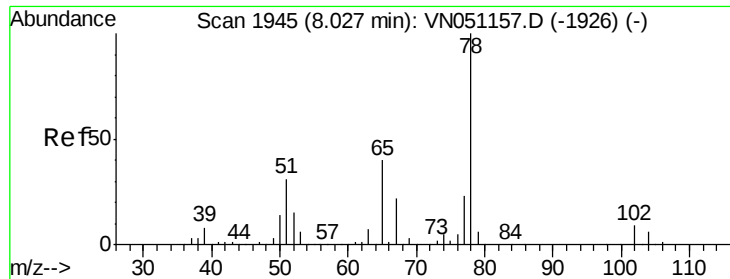
Tot Ion: 43 Resp: 13053
Ion Ratio Lower Upper
43 100
74 13.5 20.7 31.1#



#20
Methylene Chloride
Concen: 5.02 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051211.D
Acq: 15 Sep 2018 00:36

Tgt Ion: 84 Resp: 37311
Ion Ratio Lower Upper
84 100
49 117.7 90.2 135.2
51 32.9 28.4 42.6
86 65.9 51.8 77.8

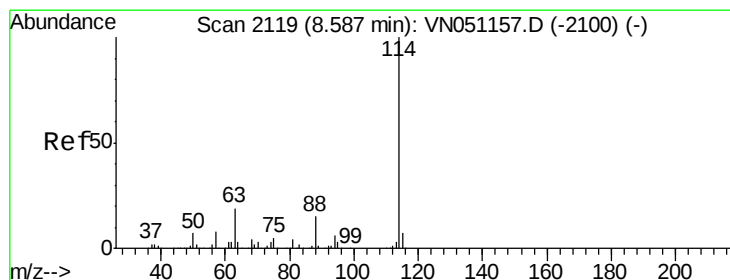
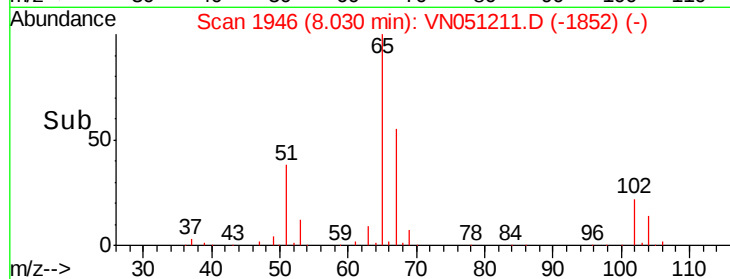
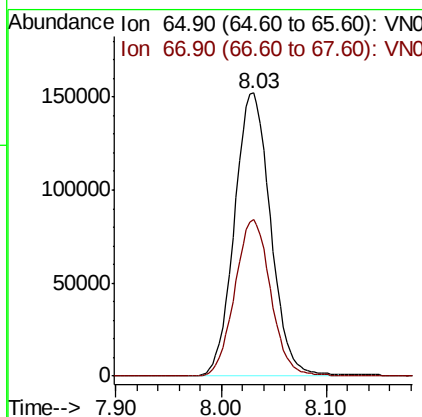
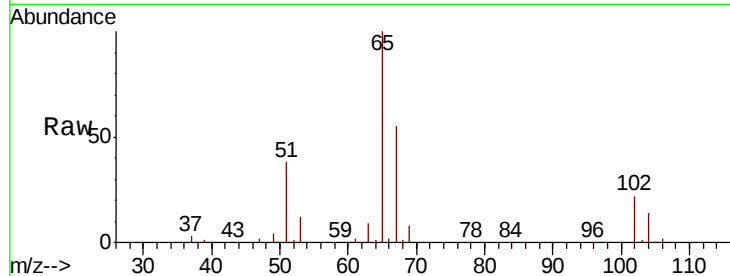




#33
 1,2-Dichloroethane-d4
 Concen: 53.77 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051211.D
 Acq: 15 Sep 2018 00:36

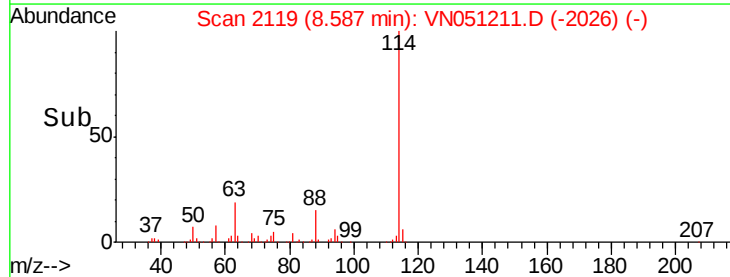
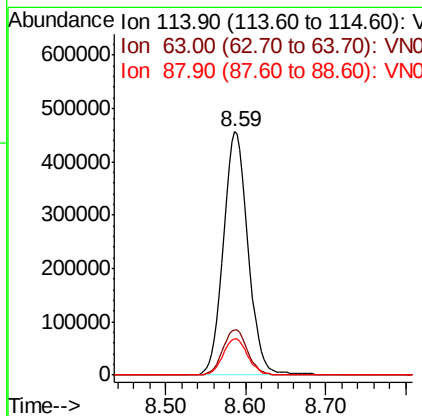
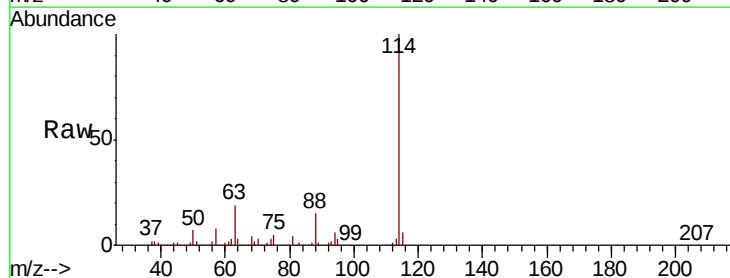
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-10

Tot Ion: 65 Resp: 362071
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051211.D
 Acq: 15 Sep 2018 00:36

Tgt Ion: 114 Resp: 971909
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.8
 88 14.9 0.0 30.8

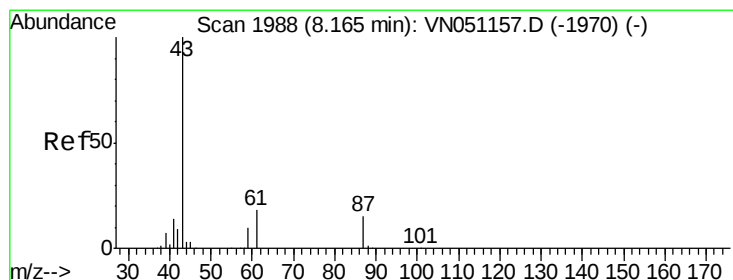
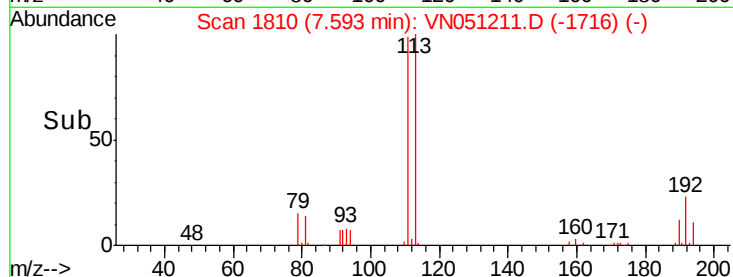
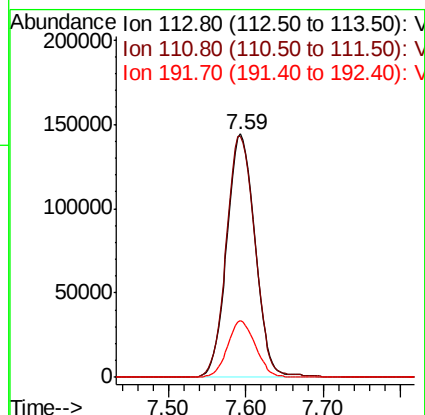
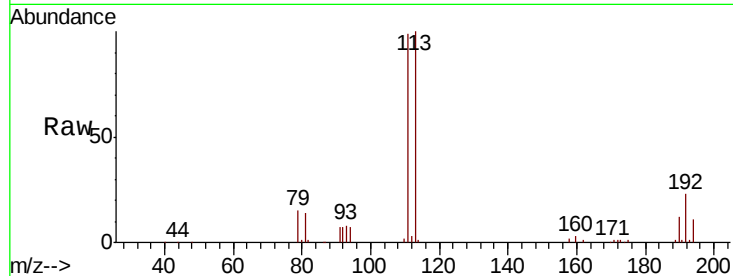




#35
 Dibromofluoromethane
 Concen: 50.09 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051211.D
 Acq: 15 Sep 2018 00:36

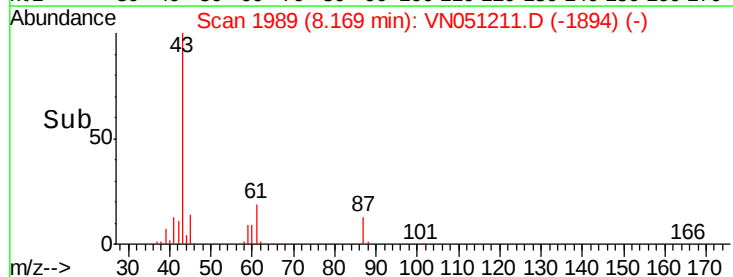
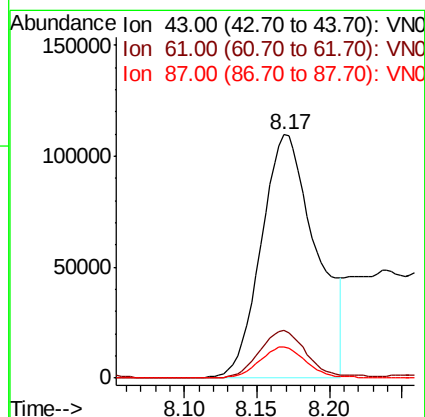
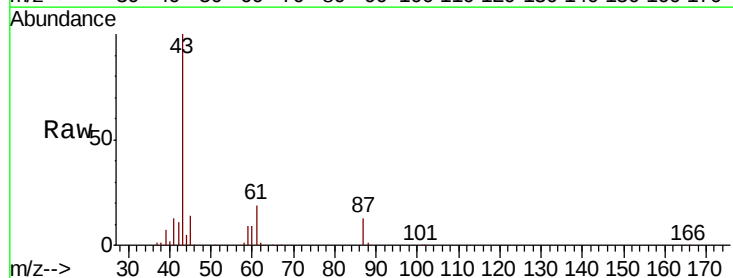
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-10

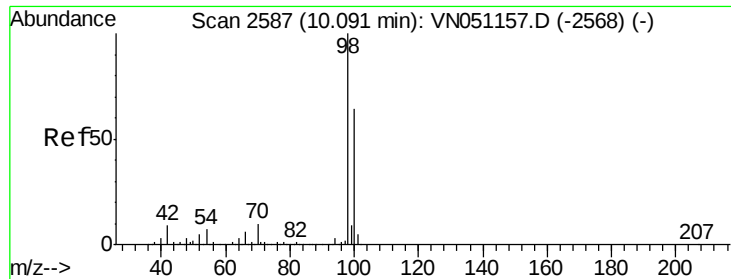
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.0	124.6
192	22.9	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 26.51 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051211.D
 Acq: 15 Sep 2018 00:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.1	25.0	37.6#
87	10.9	11.8	17.8#





#50

Toluene-d8

Concen: 46.51 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

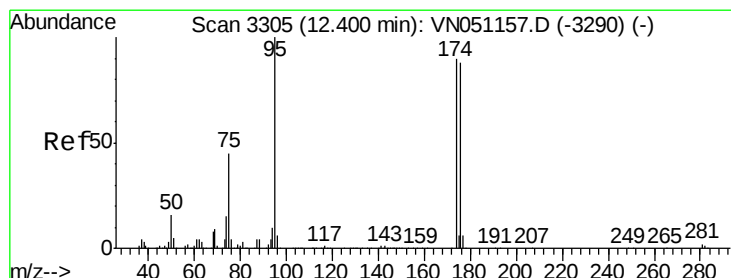
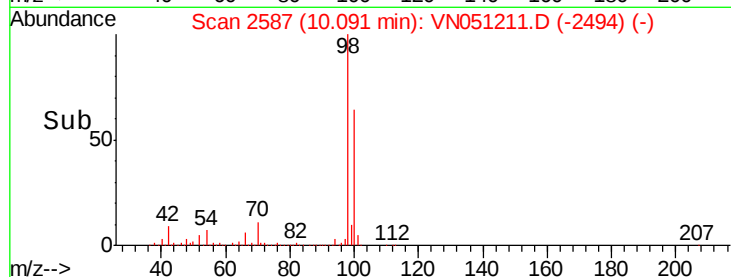
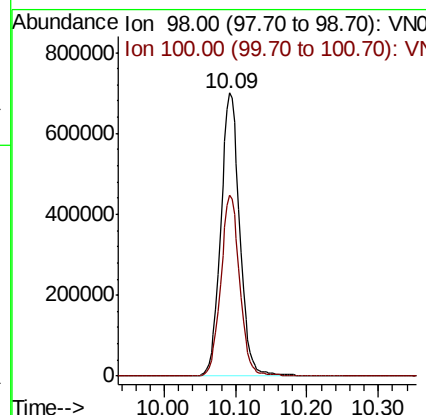
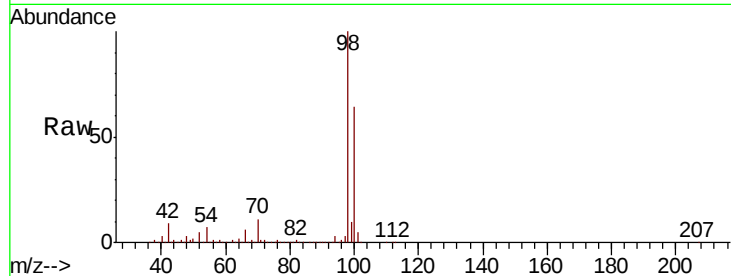
SP-PIT-10

Tot Ion: 98 Resp: 1288959

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 37.82 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

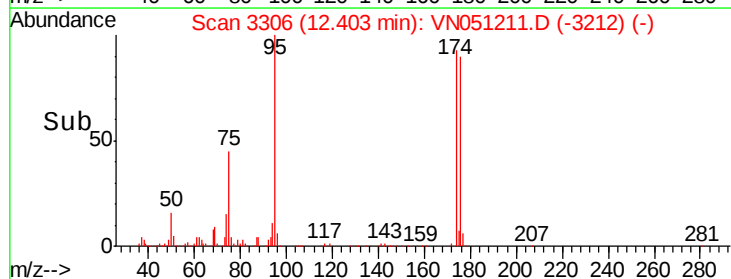
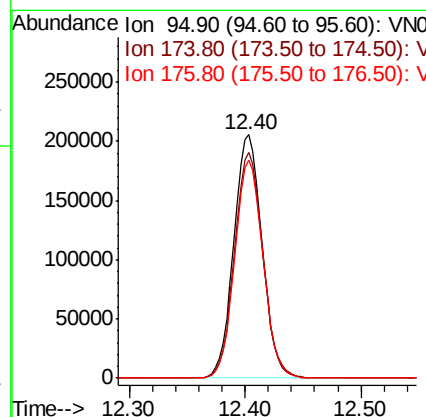
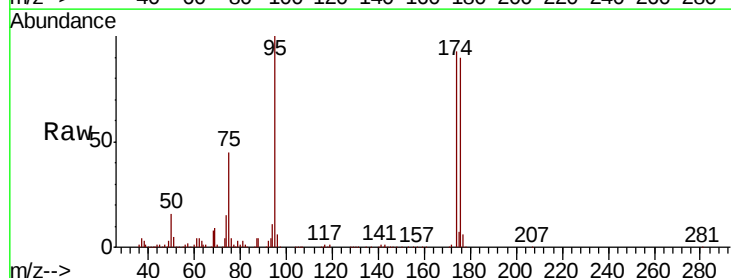
Tgt Ion: 95 Resp: 346722

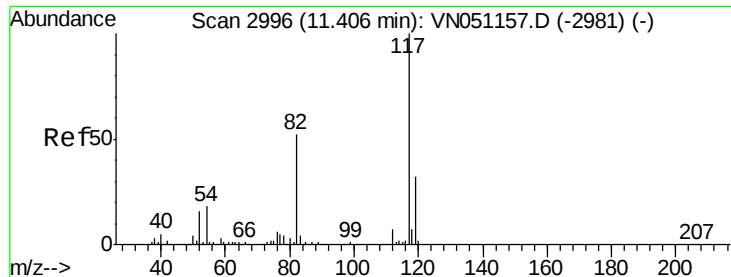
Ion Ratio Lower Upper

95 100

174 93.0 0.0 184.8

176 89.3 0.0 178.6

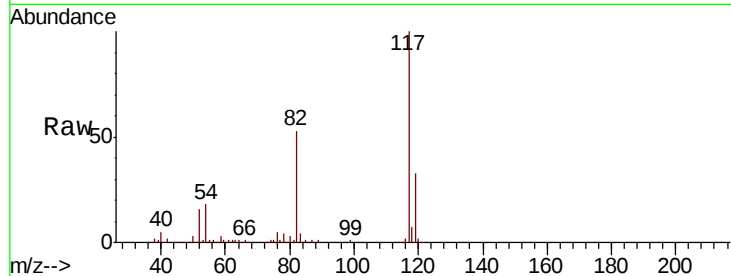




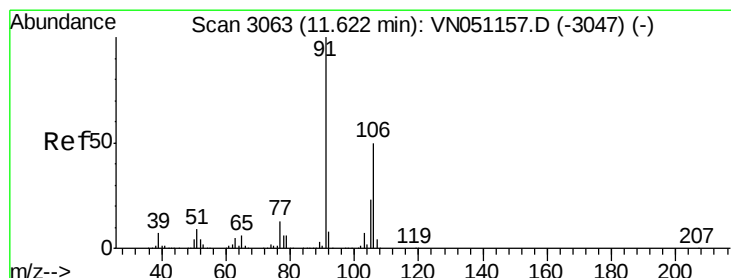
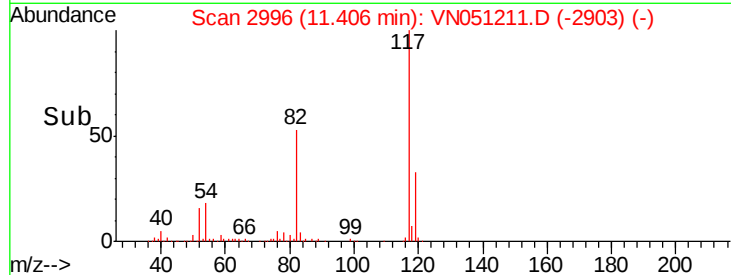
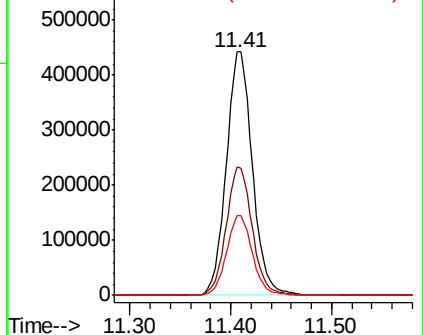
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051211.D
Acq: 15 Sep 2018 00:36

Instrument :
MSVOA_N
ClientSampleId :
SP-PIT-10

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.6
119	32.6	26.2	39.2

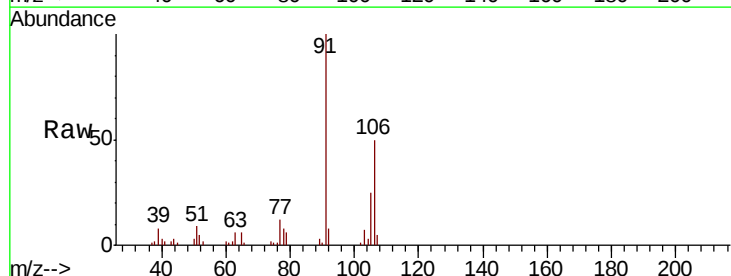


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

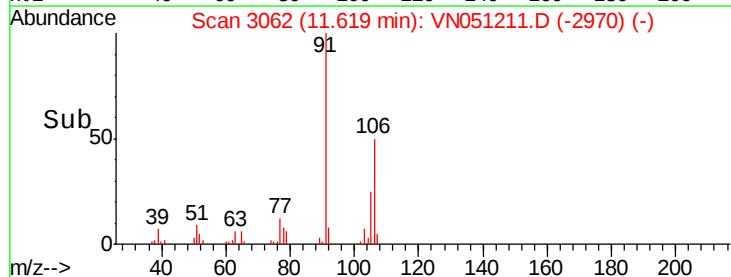
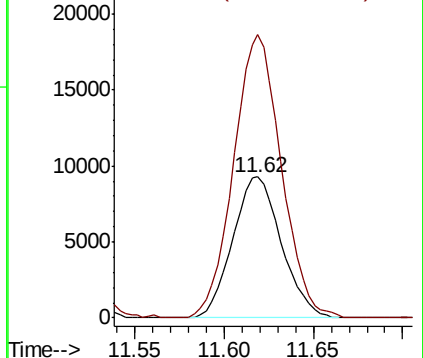


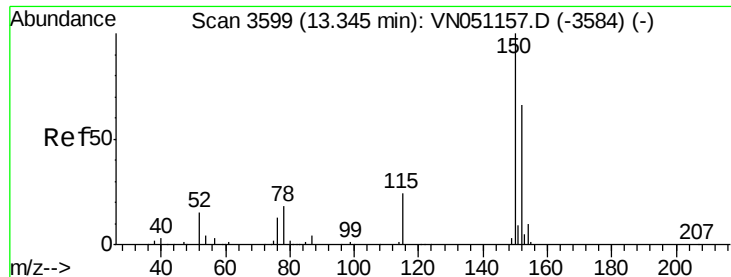
#68
m/p-Xylenes
Concen: 1.40 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051211.D
Acq: 15 Sep 2018 00:36

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.0	159.8	239.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

SP-PIT-10

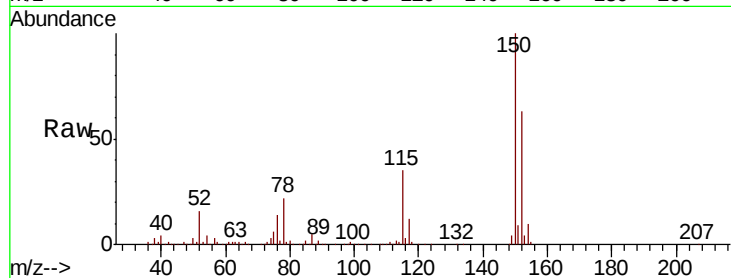
Tot Ion:152 Resp: 270274

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

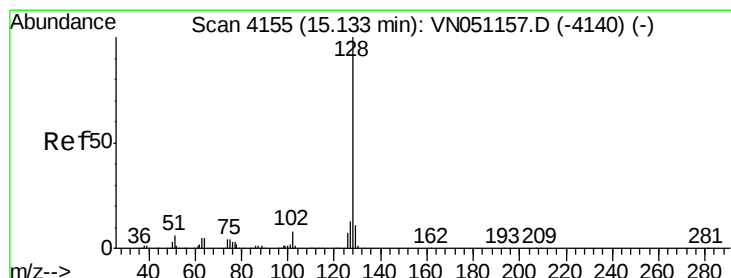
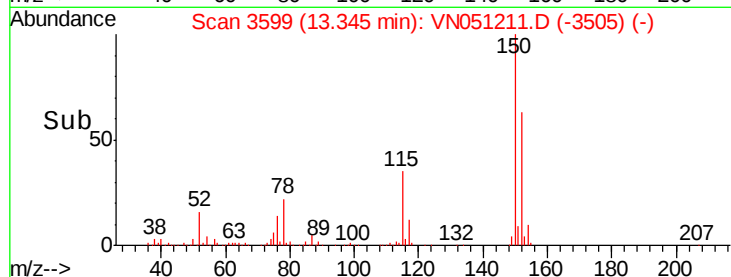
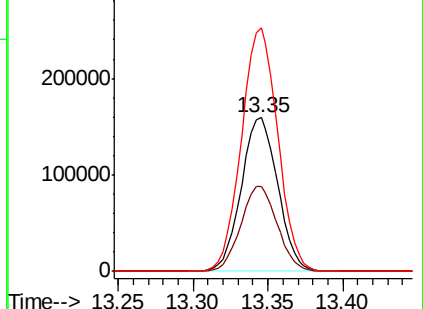
150 157.6 0.0 349.0



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: 8.91 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

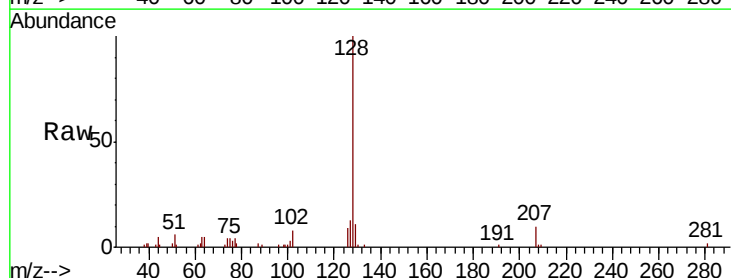
Tgt Ion:128 Resp: 40598

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 10.6 8.6 12.8



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

