

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052979.D
 Acq On : 19 Dec 2018 00:12
 Operator : MD\SY
 Sample : J6465-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TB03_121718

Quant Time: Dec 19 05:00:08 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	1322027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2009965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1822016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	784479	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	644896	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.59	113	501690	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	
50) Toluene-d8	10.09	98	2450036	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	837656	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

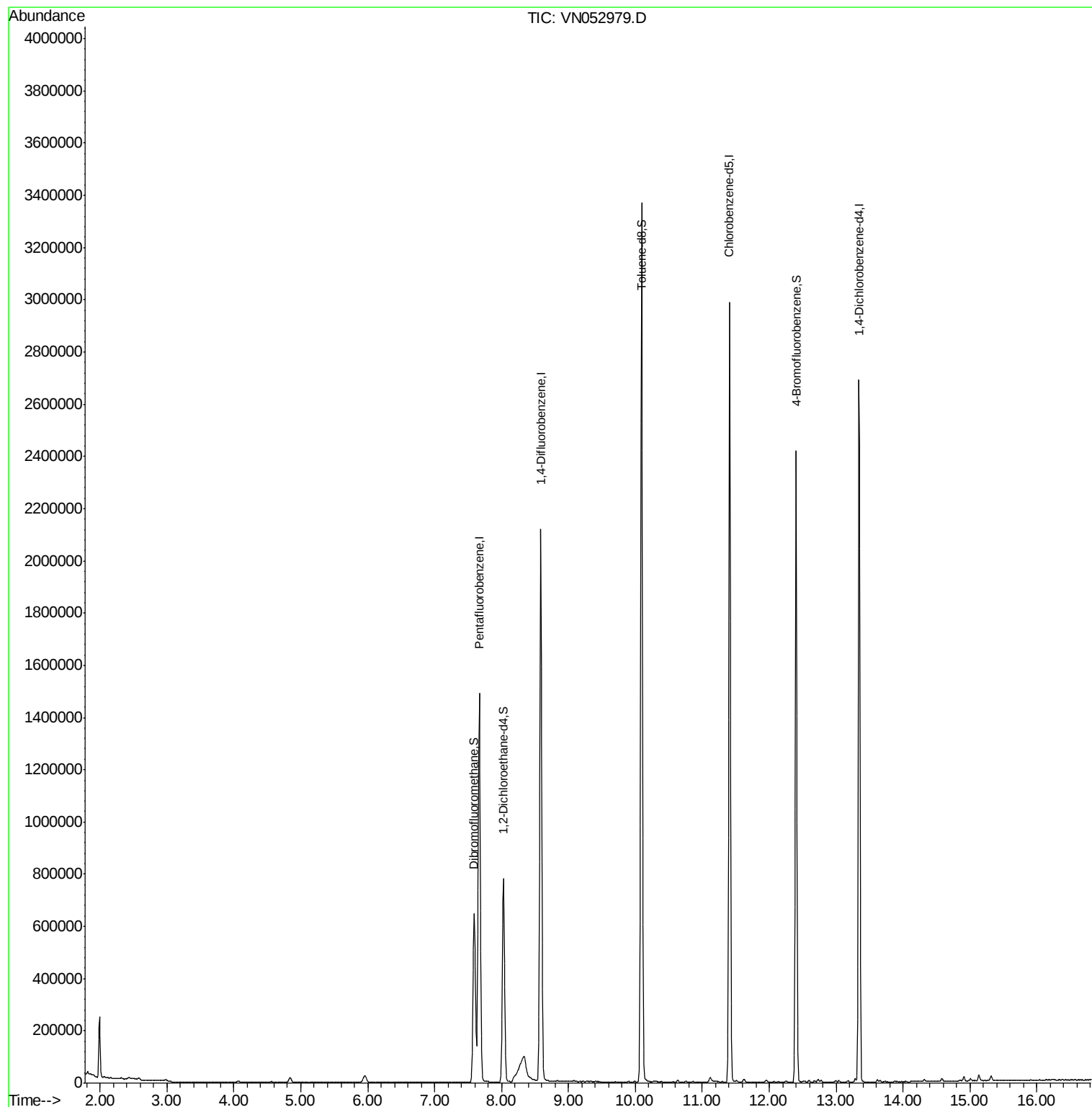
Target Compounds	Qvalue

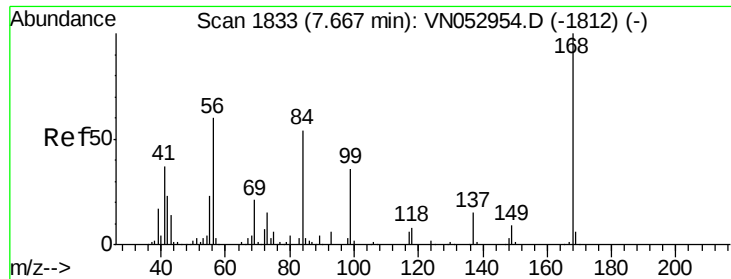
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052979.D

Acq: 19 Dec 2018 00:12

Instrument :

MSVOA_N

ClientSampleId :

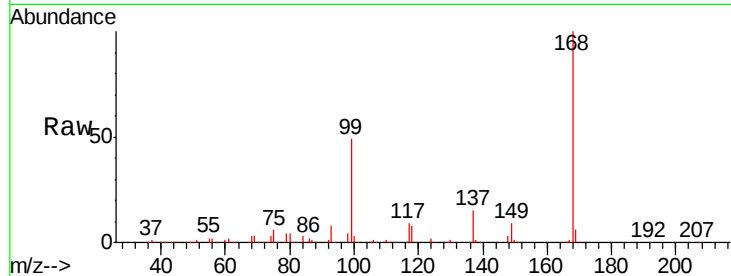
TB03_121718

Tgt Ion:168 Resp: 1322027

Ion Ratio Lower Upper

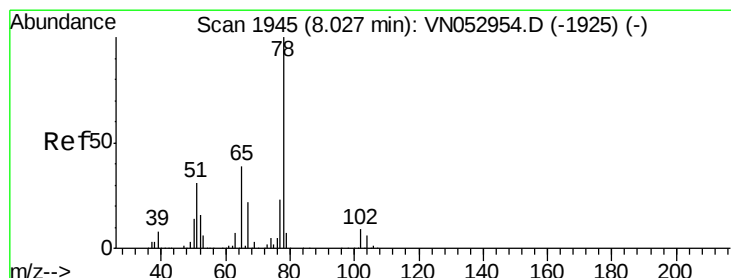
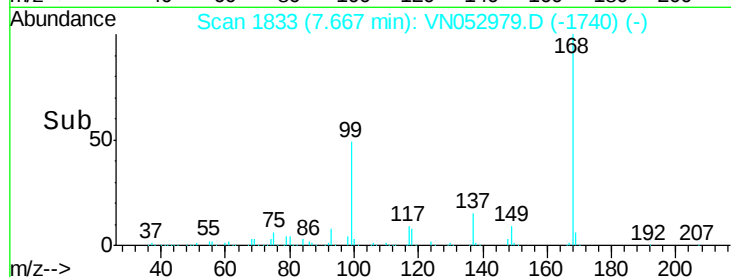
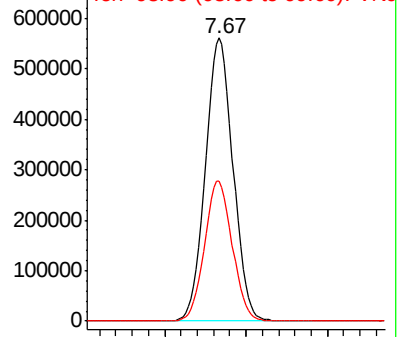
168 100

99 49.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052979.D

Ion 98.90 (98.60 to 99.60): VN052979.D



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052979.D

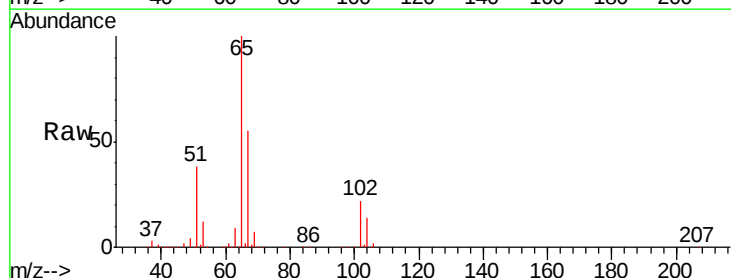
Acq: 19 Dec 2018 00:12

Tgt Ion: 65 Resp: 644896

Ion Ratio Lower Upper

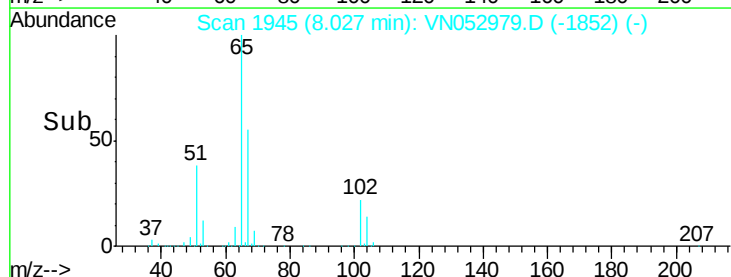
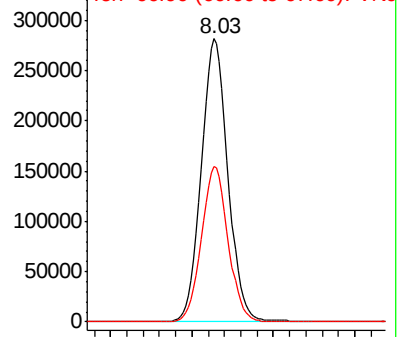
65 100

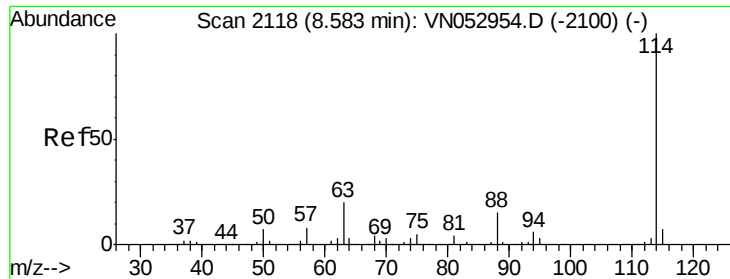
67 54.6 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052979.D

Ion 66.90 (66.60 to 67.60): VN052979.D

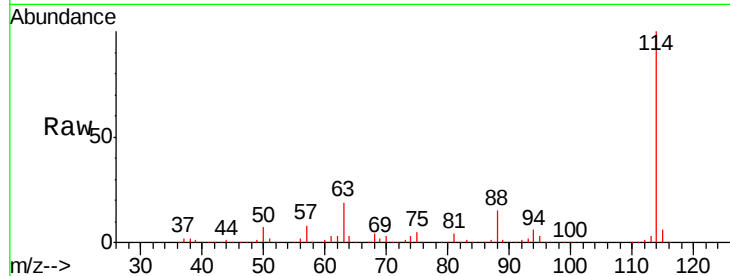




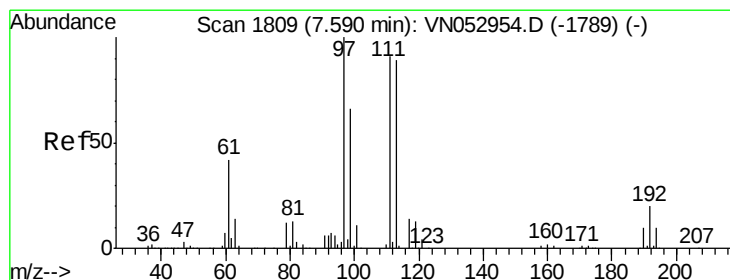
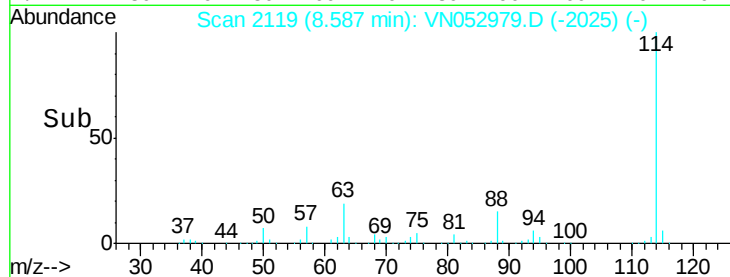
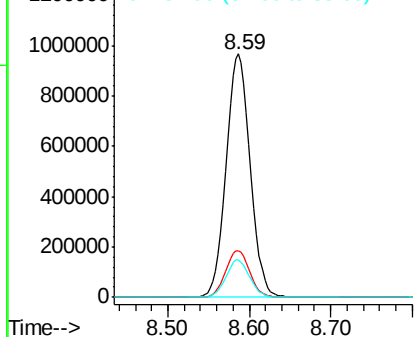
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052979.D
 Acq: 19 Dec 2018 00:12

Instrument :
 MSVOA_N
 ClientSampleId :
 TB03_121718

Tgt Ion:114 Resp: 2009965
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.8
 88 15.4 0.0 31.0

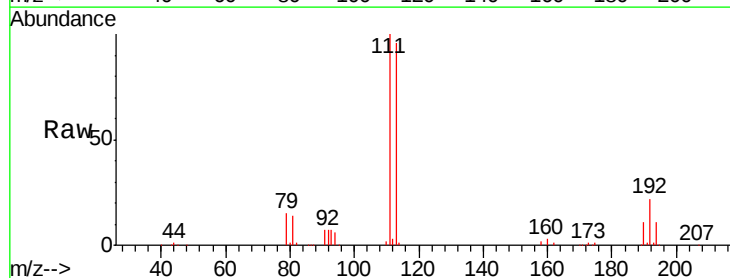


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

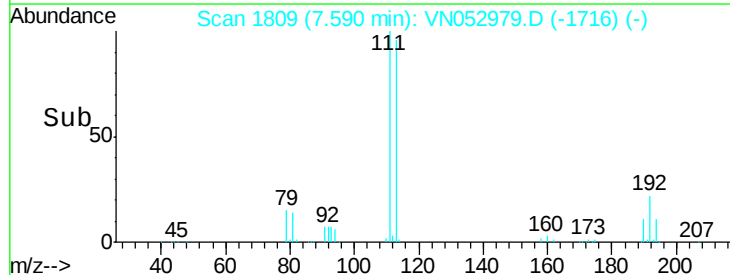
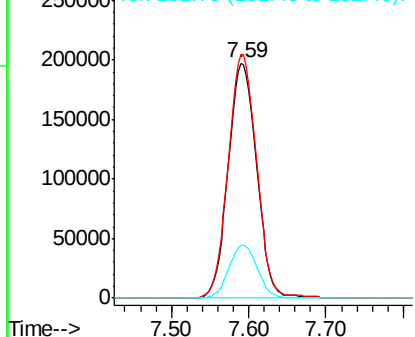


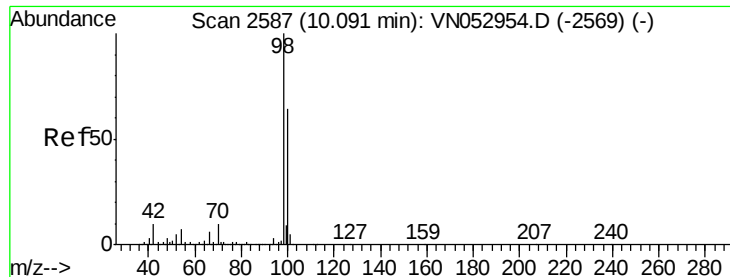
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN052979.D
 Acq: 19 Dec 2018 00:12

Tgt Ion:113 Resp: 501690
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.0 124.4
 192 22.6 17.5 26.3



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052979.D

Acq: 19 Dec 2018 00:12

Instrument :

MSVOA_N

ClientSampleId :

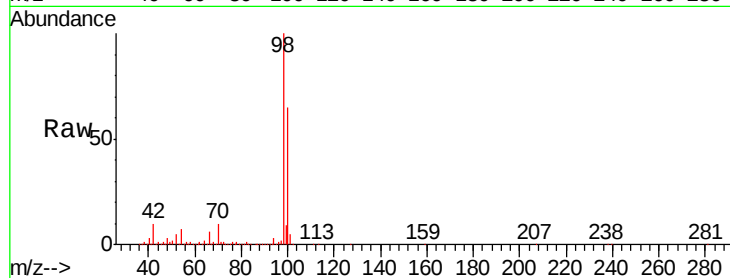
TB03_121718

Tgt Ion: 98 Resp: 2450036

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

1500000

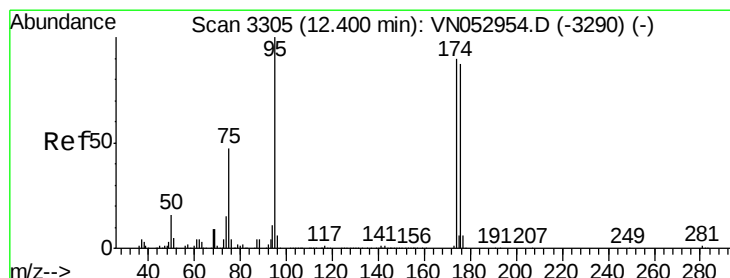
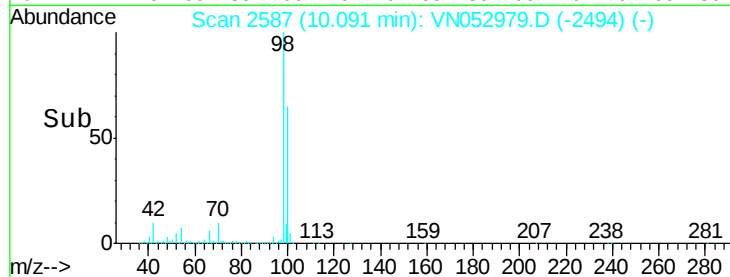
1000000

500000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052979.D

Acq: 19 Dec 2018 00:12

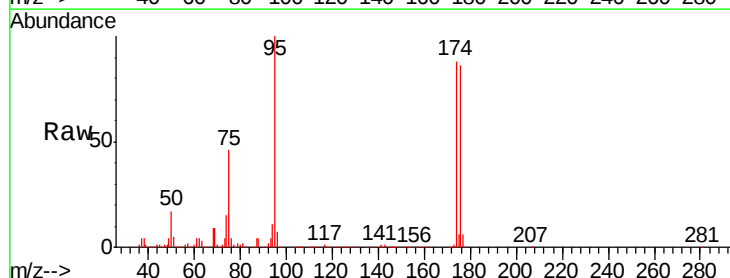
Tgt Ion: 95 Resp: 837656

Ion Ratio Lower Upper

95 100

174 89.2 0.0 178.8

176 87.5 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

600000

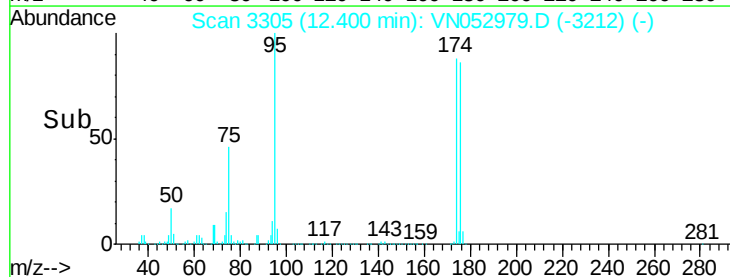
400000

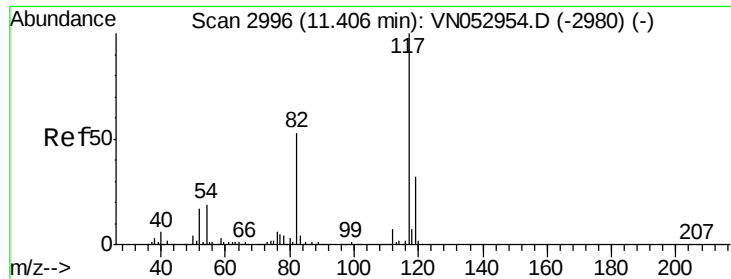
200000

0

Time-->

12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052979.D

Acq: 19 Dec 2018 00:12

Instrument :

MSVOA_N

ClientSampled :

TB03_121718

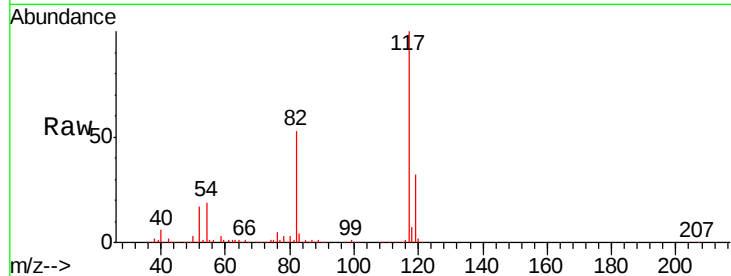
Tgt Ion:117 Resp: 1822016

Ion Ratio Lower Upper

117 100

82 52.9 42.8 64.2

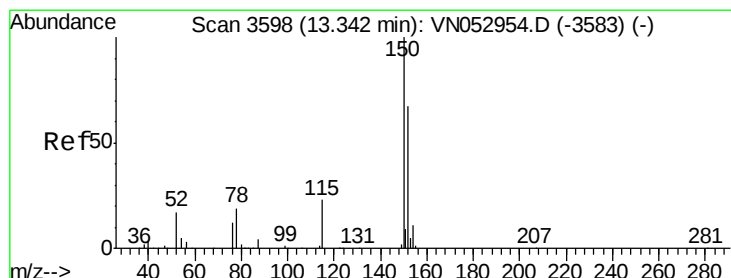
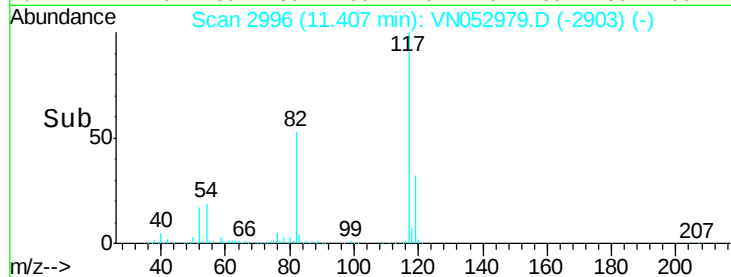
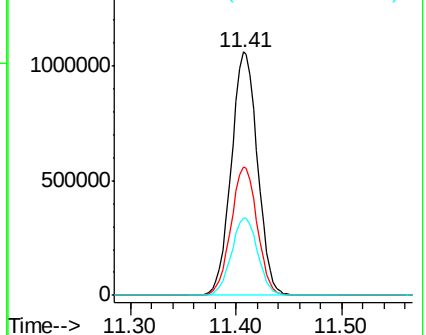
119 31.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052979.D

Acq: 19 Dec 2018 00:12

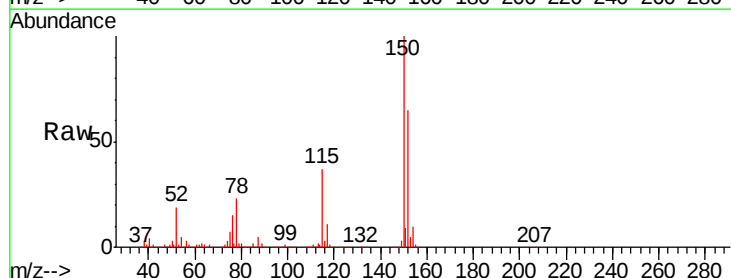
Tgt Ion:152 Resp: 784479

Ion Ratio Lower Upper

152 100

115 56.1 28.3 85.0

150 155.3 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

