

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056036.D
 Acq On : 6 Jun 2019 11:09
 Operator : JC/SP
 Sample : K3203-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z1-TB10-190604

Quant Time: Jun 06 18:37:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	336669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	512029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155788	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	177729	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
35) Dibromofluoromethane	7.59	113	155124	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.09	98	650717	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
62) 4-Bromofluorobenzene	12.40	95	207207	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

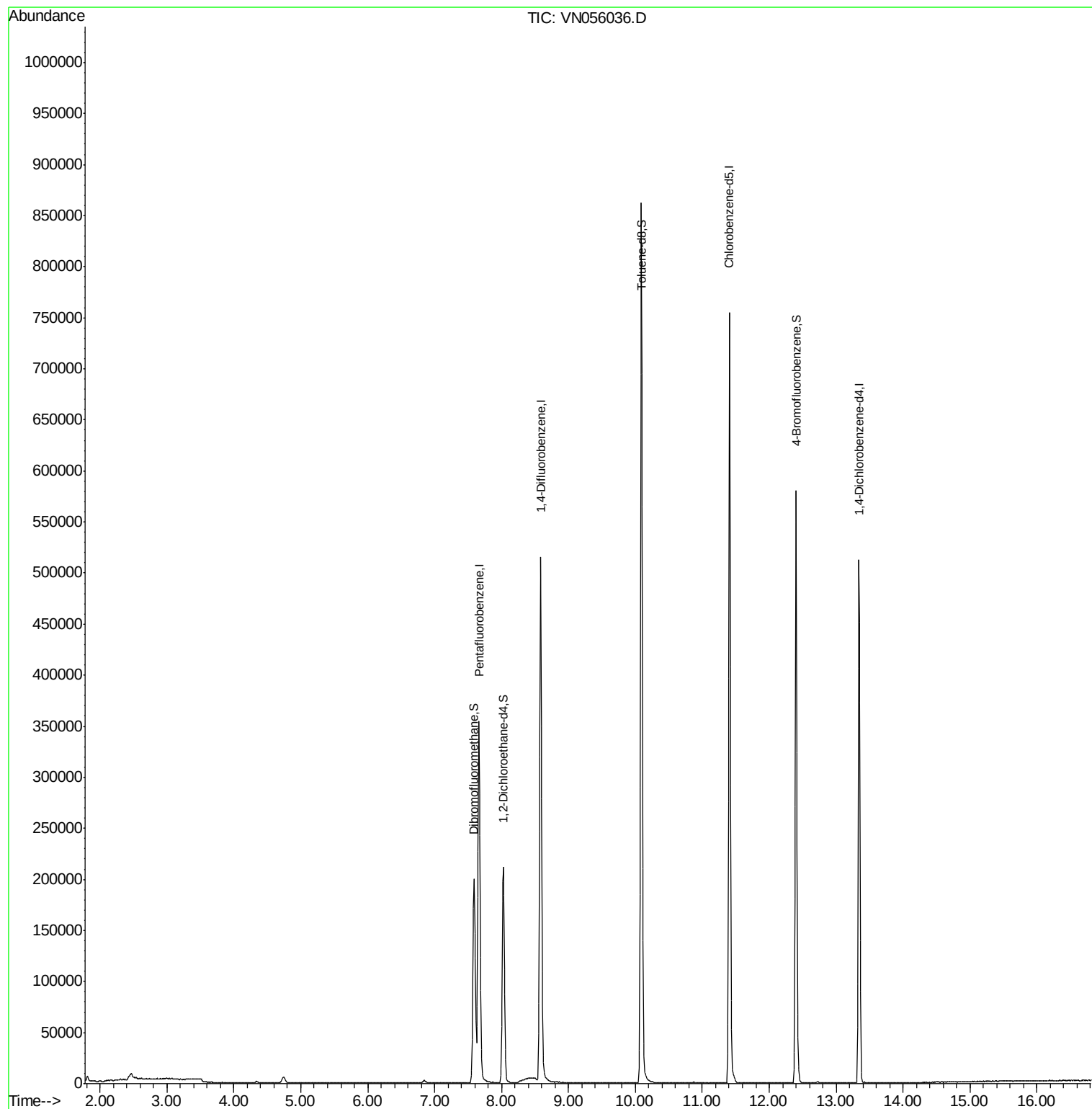
Target Compounds	Qvalue

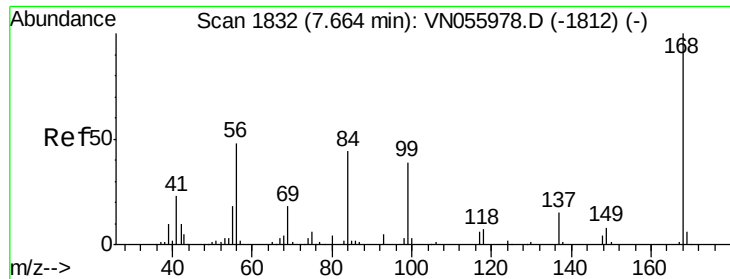
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060719\
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QLast Update : Tue Jun 04 11:02:09 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056036.D

Acq: 6 Jun 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

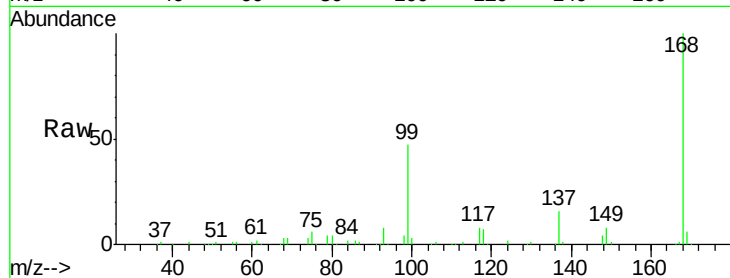
Z1-TB10-190604

Tot Ion:168 Resp: 336669

Ion Ratio Lower Upper

168 100

99 46.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

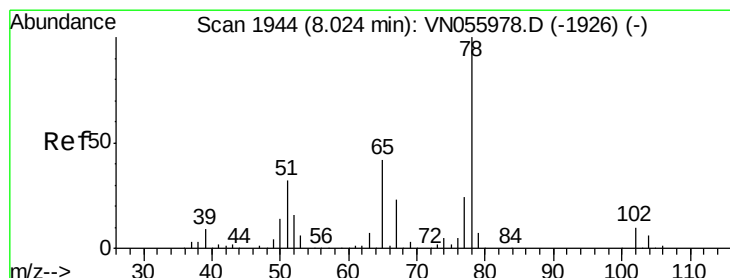
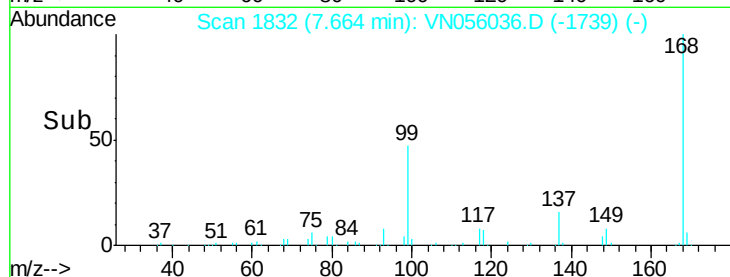
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.167 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056036.D

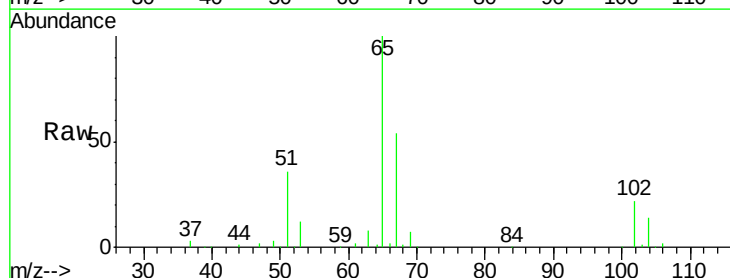
Acq: 6 Jun 2019 11:09

Tgt Ion: 65 Resp: 177729

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

80000

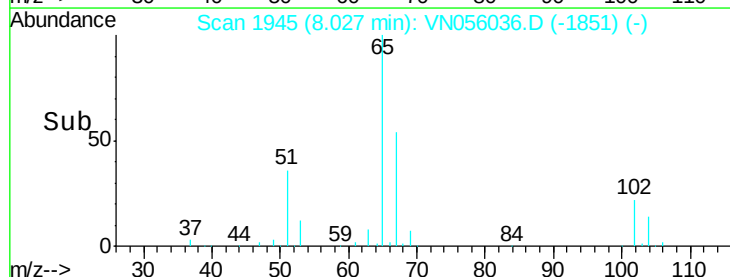
60000

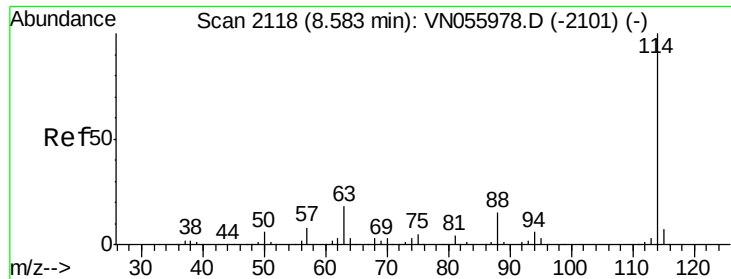
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056036.D

Acq: 6 Jun 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

Z1-TB10-190604

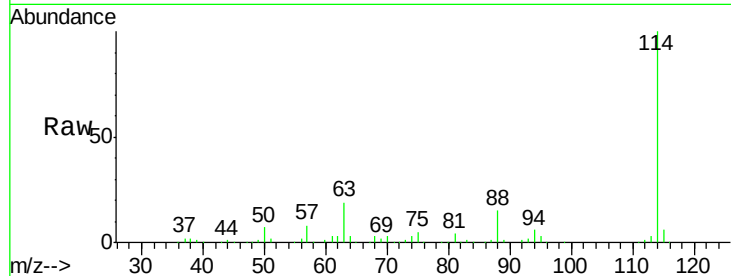
Tot Ion:114 Resp: 512029

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

88 14.9 0.0 31.0



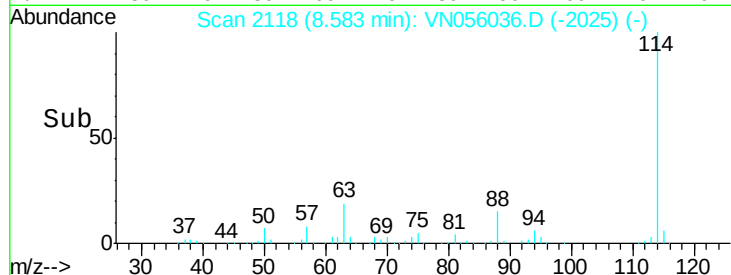
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

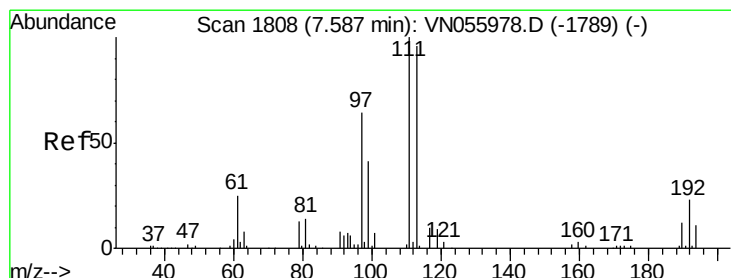
Ion 87.90 (87.60 to 88.60): VN

8.58

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 49.379 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056036.D

Acq: 6 Jun 2019 11:09

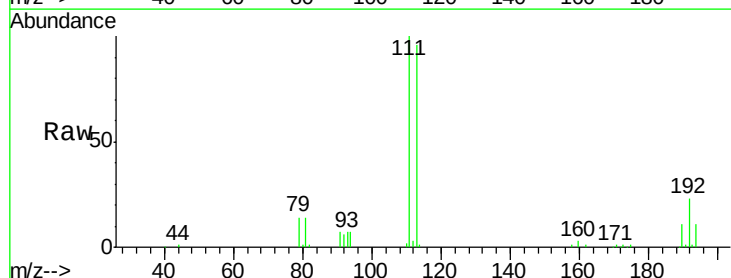
Tgt Ion:113 Resp: 155124

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

192 23.5 19.5 29.3



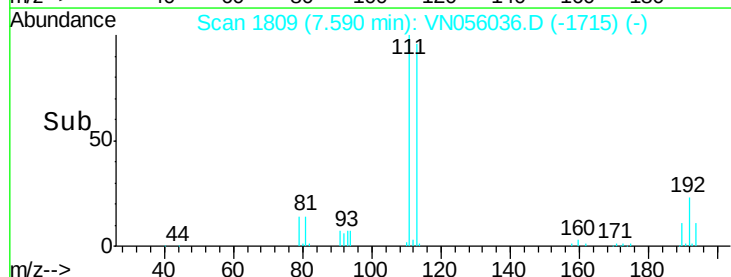
Abundance Ion 112.80 (112.50 to 113.50): V

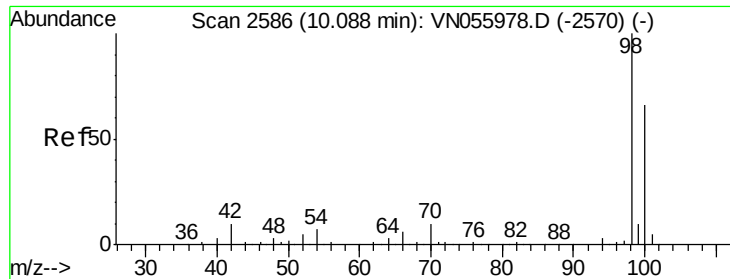
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.59

Time-->

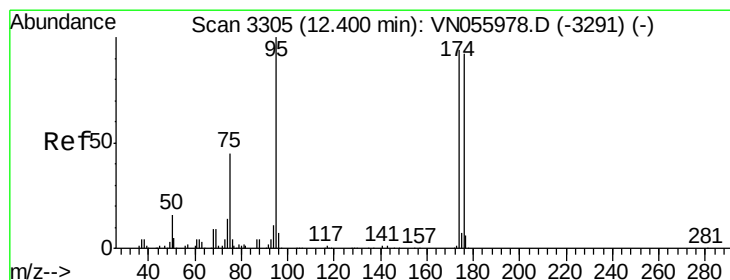
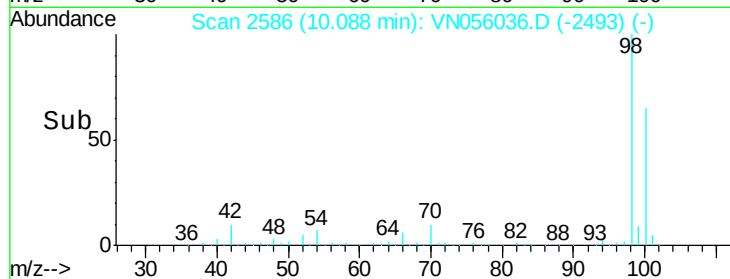
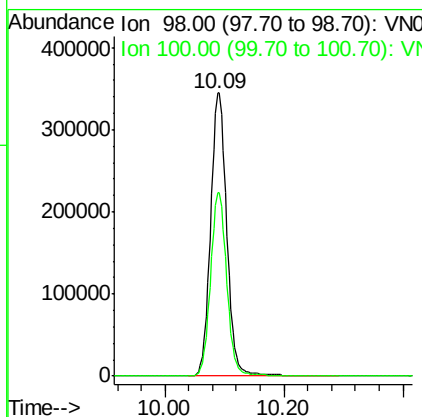
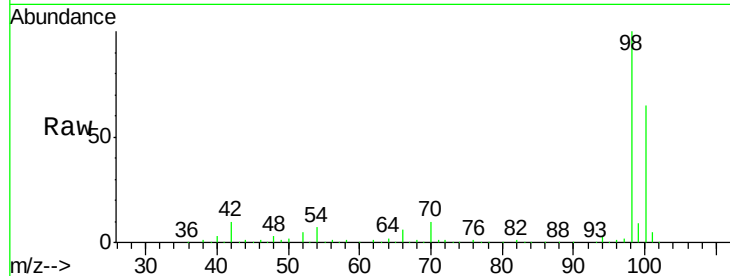




#50
Toluene-d8
Concen: 53.830 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056036.D
Acq: 6 Jun 2019 11:09

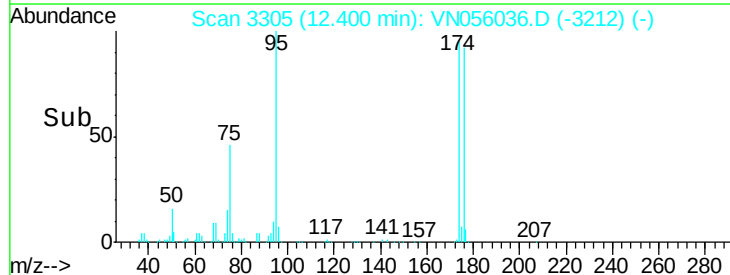
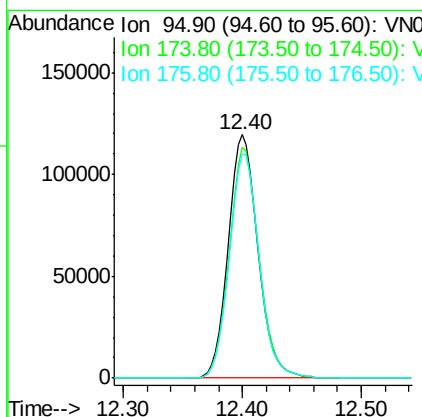
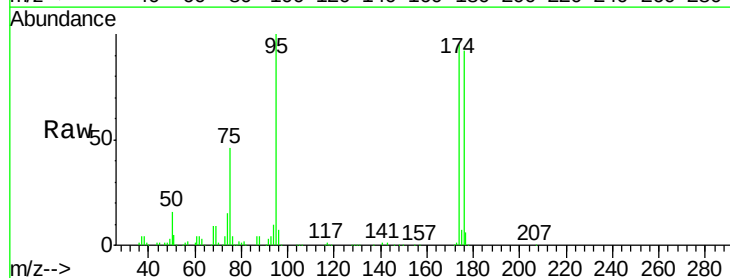
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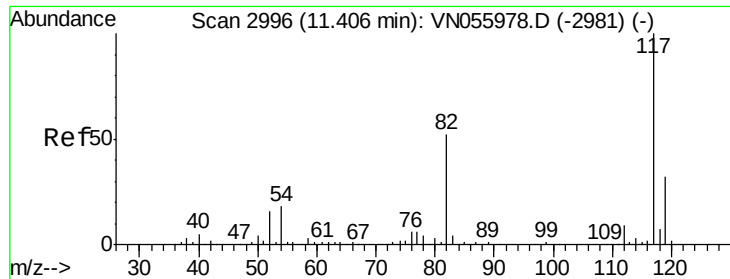
Tot Ion: 98 Resp: 650717
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.404 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056036.D
Acq: 6 Jun 2019 11:09

Tgt Ion: 95 Resp: 207207
Ion Ratio Lower Upper
95 100
174 94.8 0.0 191.0
176 92.4 0.0 185.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056036.D

Acq: 6 Jun 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

Z1-TB10-190604

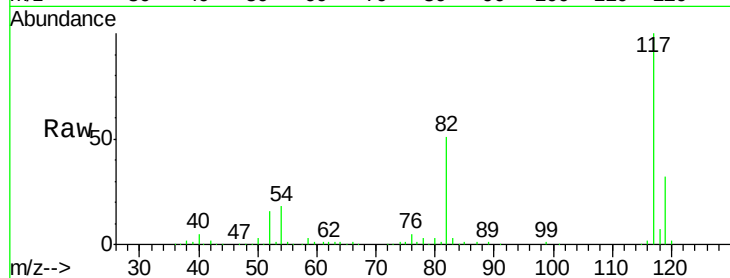
Tot Ion:117 Resp: 486192

Ion Ratio Lower Upper

117 100

82 51.3 41.8 62.8

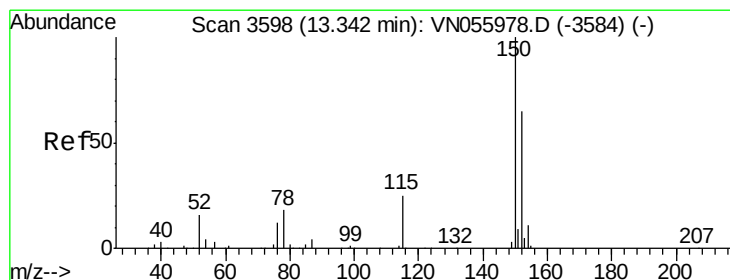
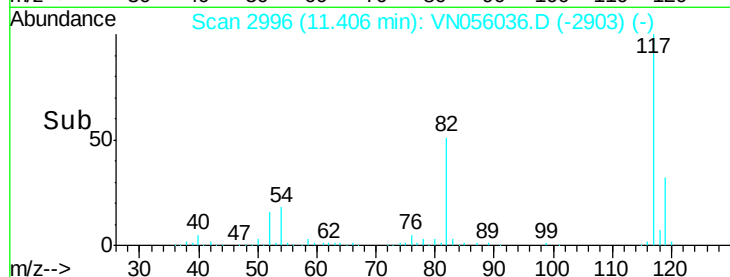
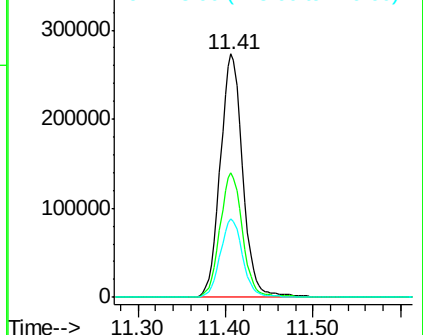
119 32.0 25.4 38.0



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: VN056036.D

Acq: 6 Jun 2019 11:09

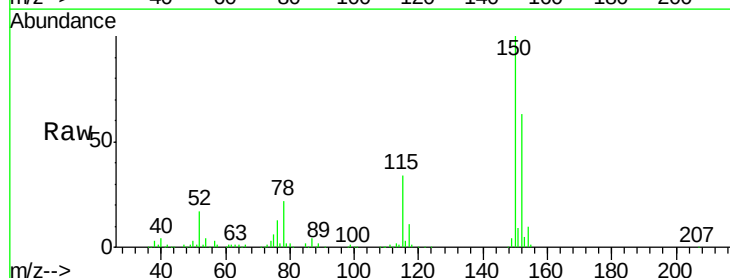
Tgt Ion:152 Resp: 155788

Ion Ratio Lower Upper

152 100

115 53.4 27.0 81.0

150 158.3 0.0 343.2



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

