

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056061.D
 Acq On : 6 Jun 2019 22:28
 Operator : JC/SP
 Sample : K3222-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20190605

Quant Time: Jun 07 06:46:58 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	332031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	497223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	467447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147425	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	173059	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
35) Dibromofluoromethane	7.59	113	152682	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
50) Toluene-d8	10.09	98	633184	53.94	ug/l	0.00
Spiked Amount			Recovery	=	107.88%	
62) 4-Bromofluorobenzene	12.40	95	197252	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	

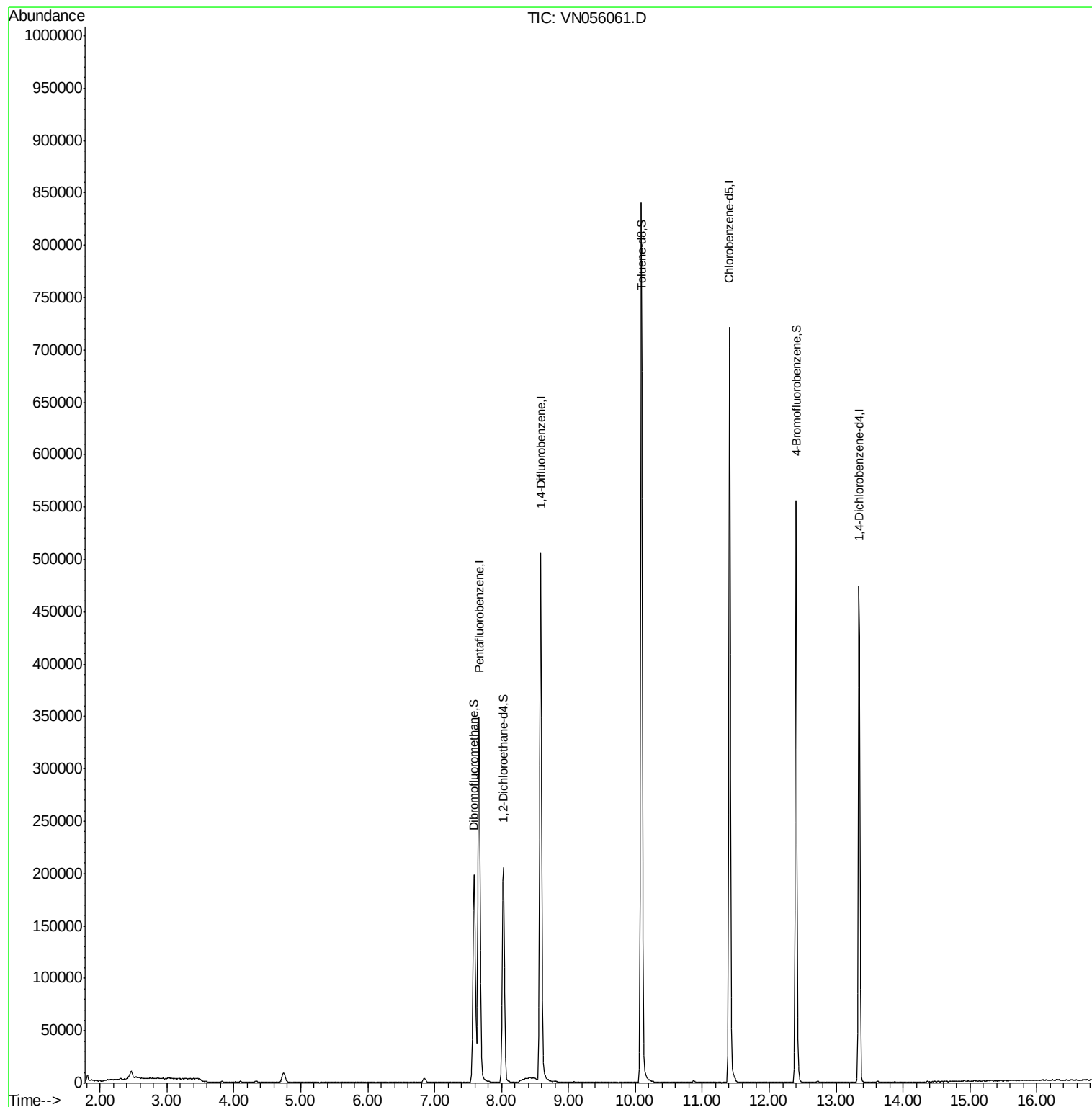
Target Compounds	Qvalue
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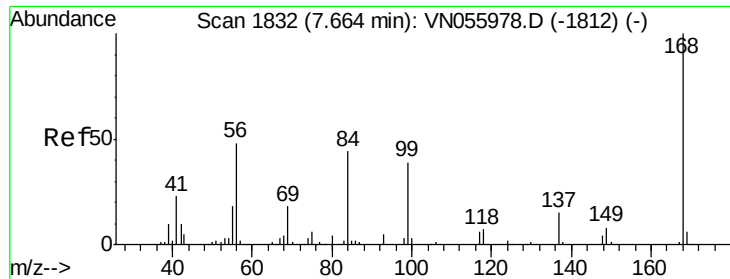
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056061.D

Acq: 6 Jun 2019 22:28

Instrument :

MSVOA_N

ClientSampleId :

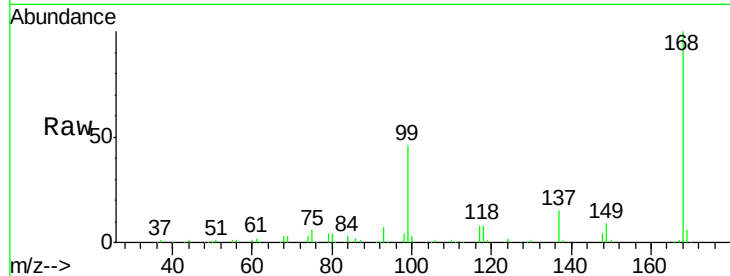
TT-TB-20190605

Tot Ion:168 Resp: 332031

Ion Ratio Lower Upper

168 100

99 46.1 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

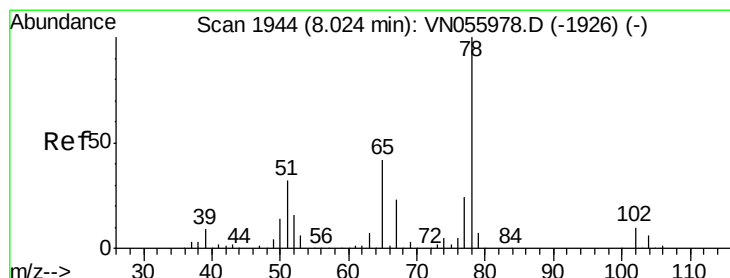
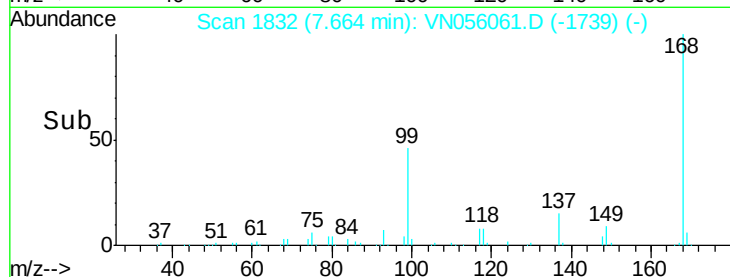
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.493 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056061.D

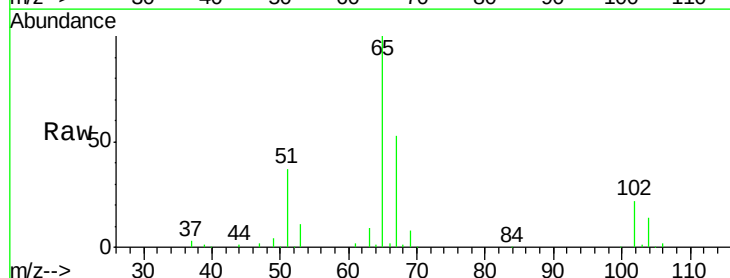
Acq: 6 Jun 2019 22:28

Tgt Ion: 65 Resp: 173059

Ion Ratio Lower Upper

65 100

67 54.0 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

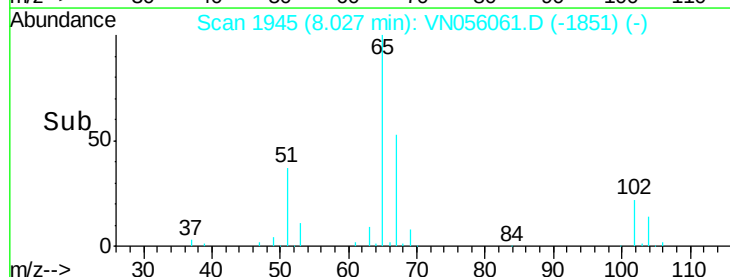
40000

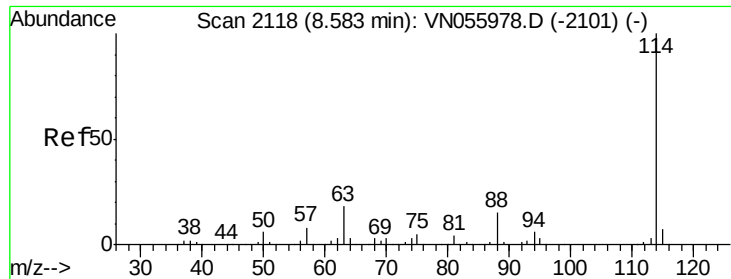
20000

0

7.90 8.00 8.10

Time-->

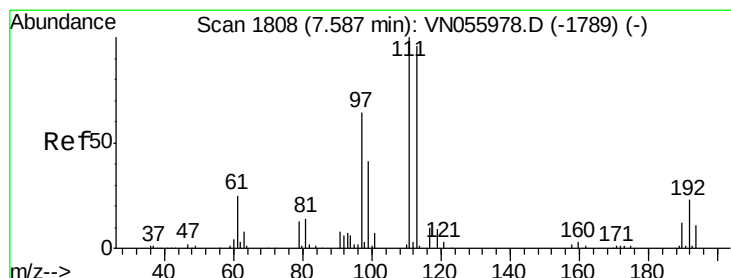
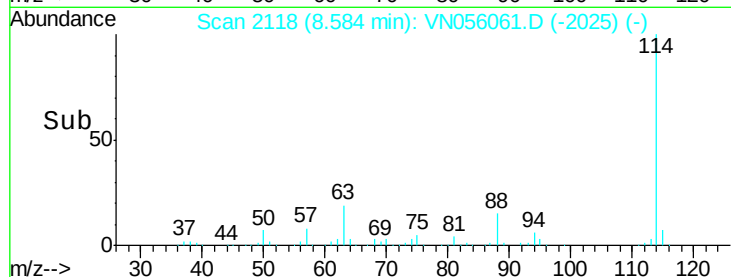
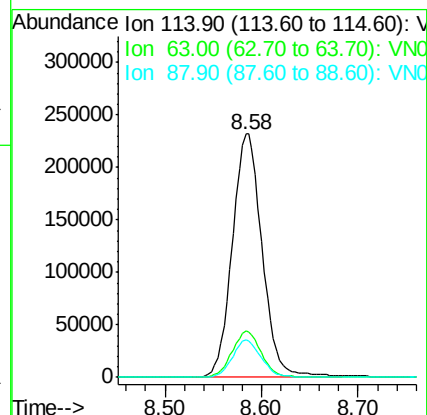
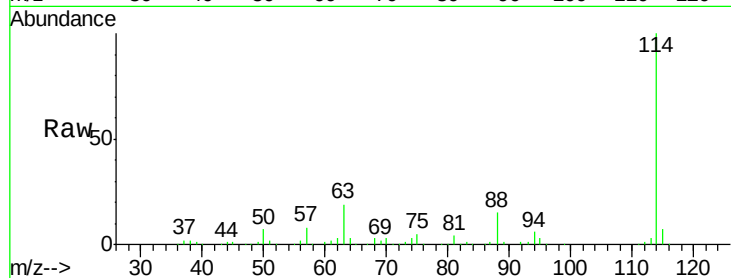




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056061.D
Acq: 6 Jun 2019 22:28

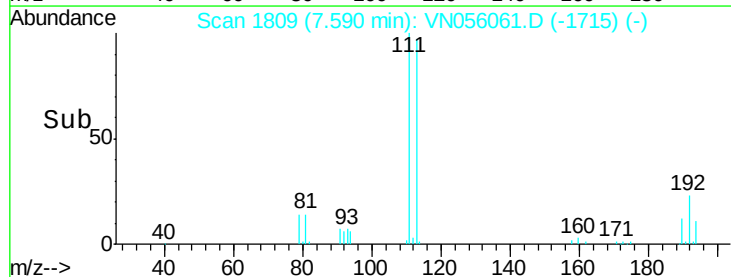
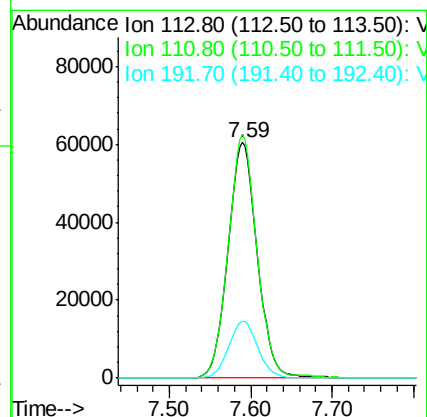
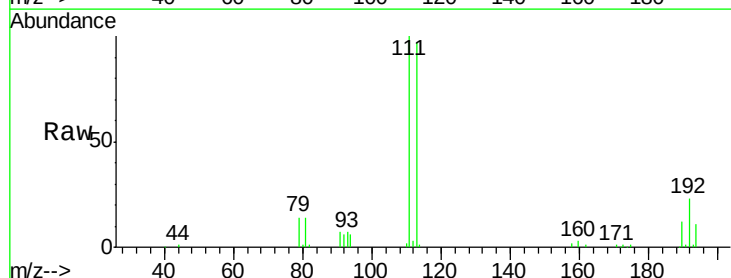
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20190605

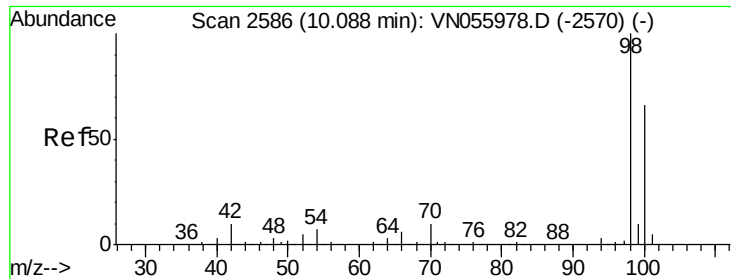
Tot Ion:114 Resp: 497223
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.2
88 15.2 0.0 31.0



#35
Dibromofluoromethane
Concen: 50.049 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056061.D
Acq: 6 Jun 2019 22:28

Tgt Ion:113 Resp: 152682
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 24.0 19.5 29.3

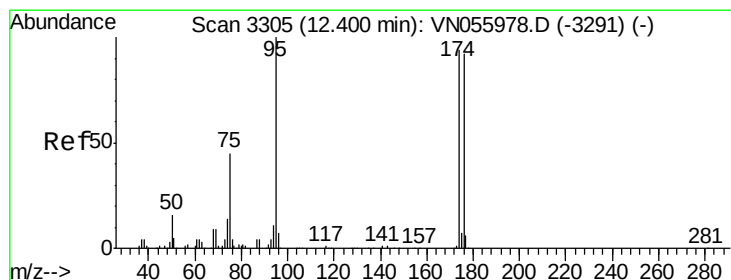
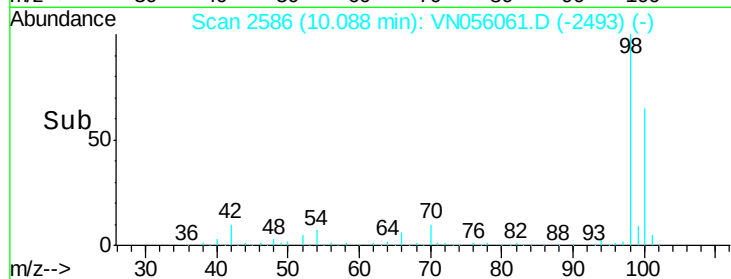
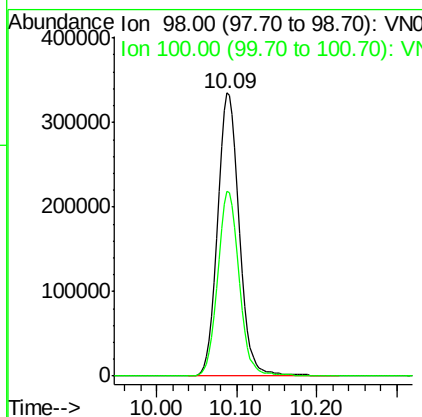
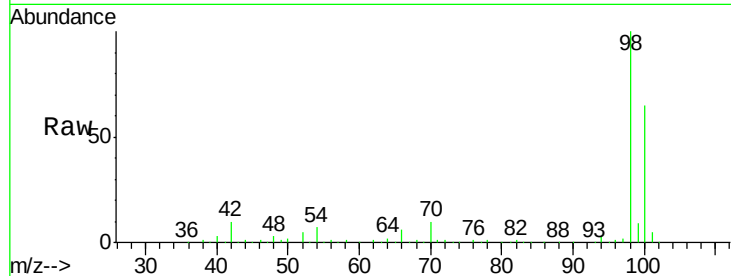




#50
Toluene-d8
Concen: 53.939 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056061.D
Acq: 6 Jun 2019 22:28

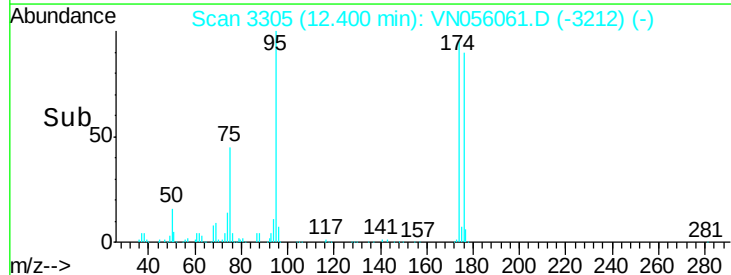
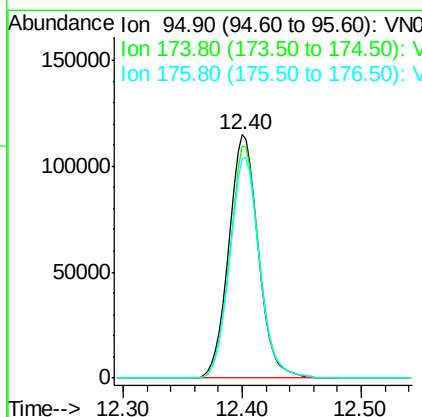
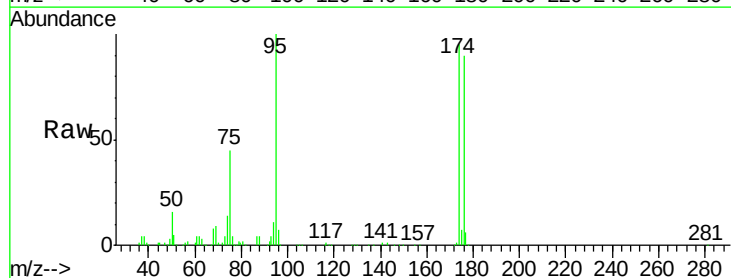
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20190605

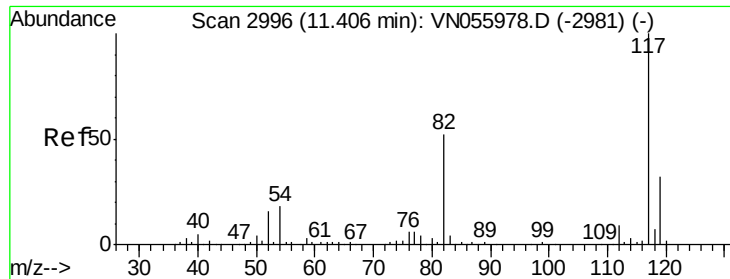
Tot Ion: 98 Resp: 633184
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.411 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056061.D
Acq: 6 Jun 2019 22:28

Tgt Ion: 95 Resp: 197252
Ion Ratio Lower Upper
95 100
174 94.8 0.0 191.0
176 91.4 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: VN056061.D

Acq: 6 Jun 2019 22:28

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20190605

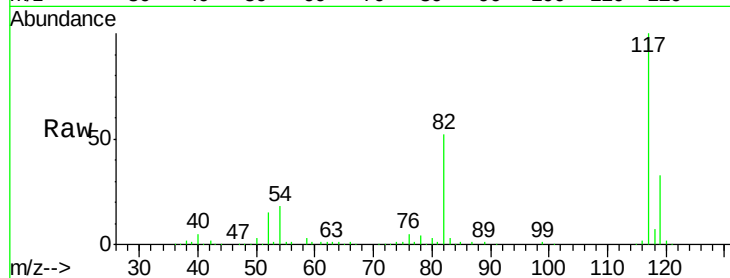
Tot Ion:117 Resp: 467447

Ion Ratio Lower Upper

117 100

82 51.9 41.8 62.8

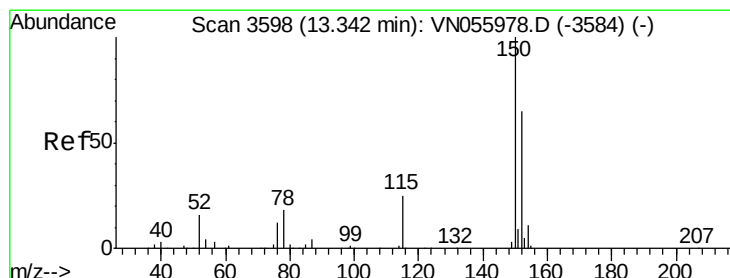
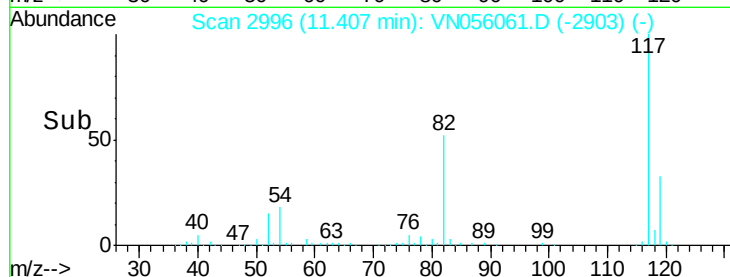
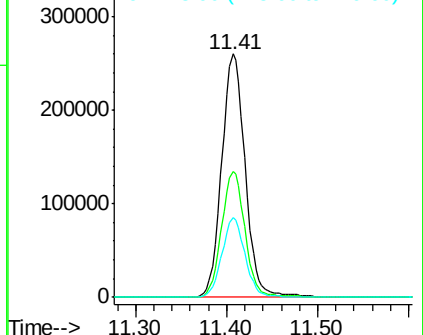
119 32.6 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VN056061.D

Acq: 6 Jun 2019 22:28

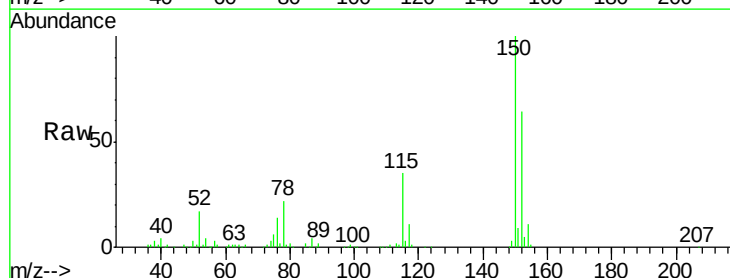
Tgt Ion:152 Resp: 147425

Ion Ratio Lower Upper

152 100

115 53.5 27.0 81.0

150 156.7 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

