

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061119\
 Data File : VN056211.D
 Acq On : 11 Jun 2019 10:11
 Operator : JC/SP
 Sample : K3225-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-GM25-TB1

Quant Time: Jun 12 06:47:10 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	304495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	460676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	449700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142920	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	160357	53.04	ug/l	0.00
Spiked Amount						
			Recovery	=	106.08%	
35) Dibromofluoromethane	7.59	113	151683	53.67	ug/l	0.00
Spiked Amount						
			Recovery	=	107.34%	
50) Toluene-d8	10.09	98	590615	54.30	ug/l	0.00
Spiked Amount						
			Recovery	=	108.60%	
62) 4-Bromofluorobenzene	12.40	95	187058	50.57	ug/l	0.00
Spiked Amount						
			Recovery	=	101.14%	

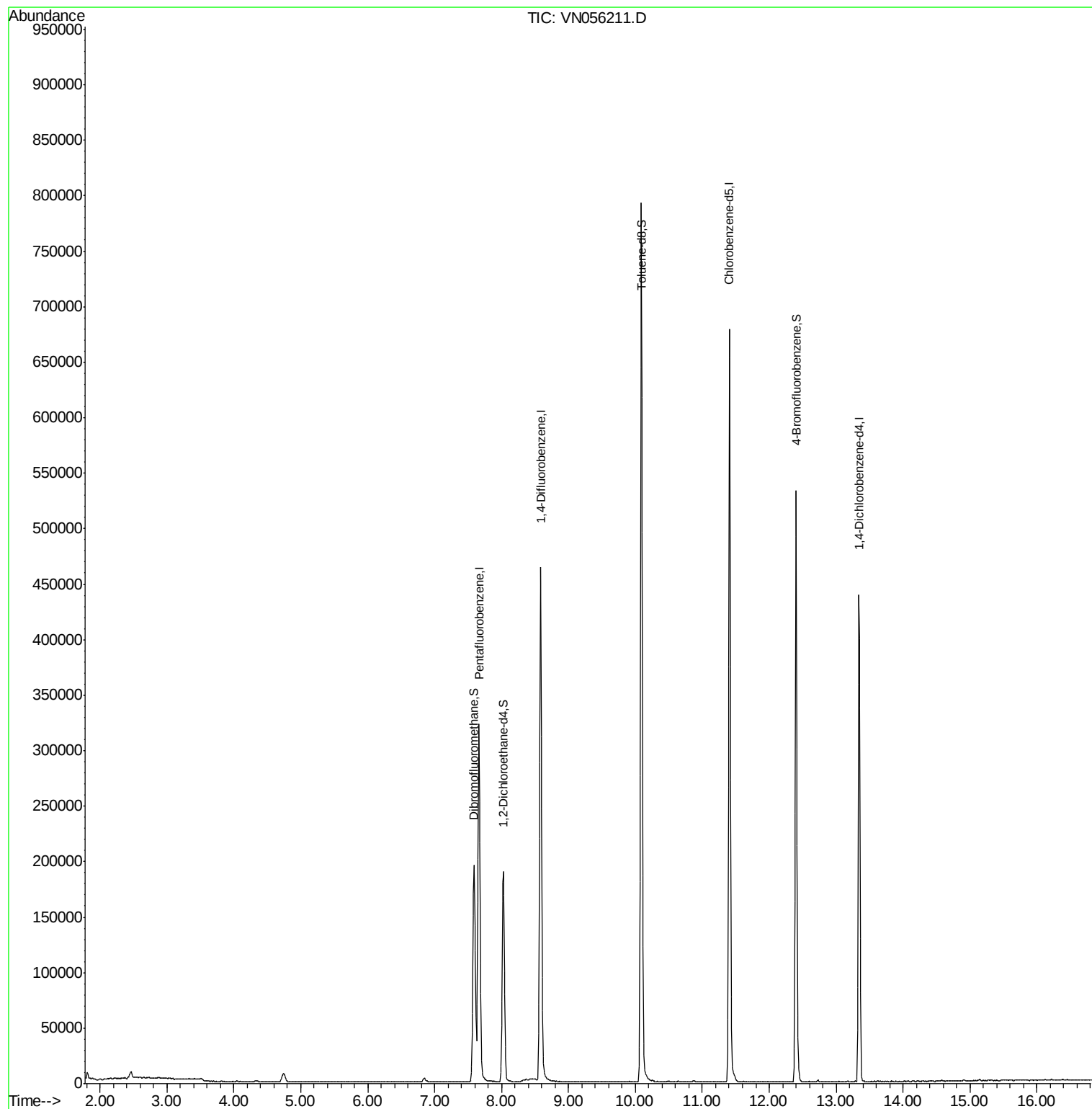
Target Compounds	Qvalue

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056211.D

Acq: 11 Jun 2019 10:11

Instrument :

MSVOA_N

ClientSampled :

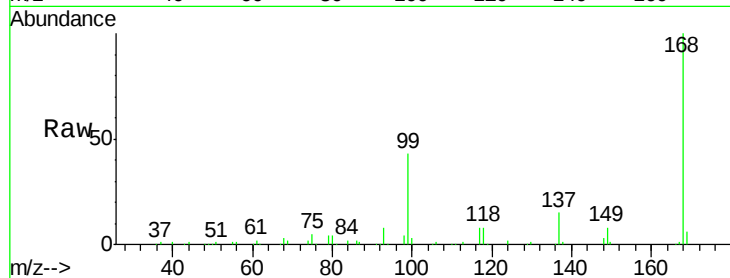
SP19-GM25-TB1

Tot Ion:168 Resp: 304495

Ion Ratio Lower Upper

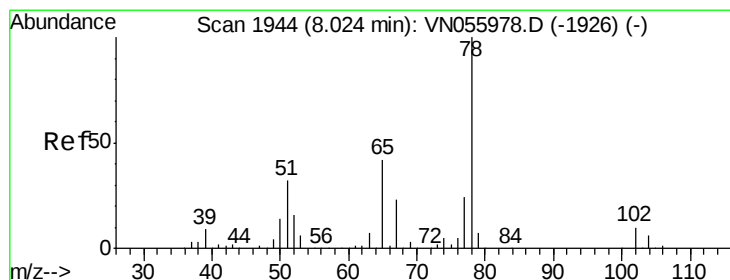
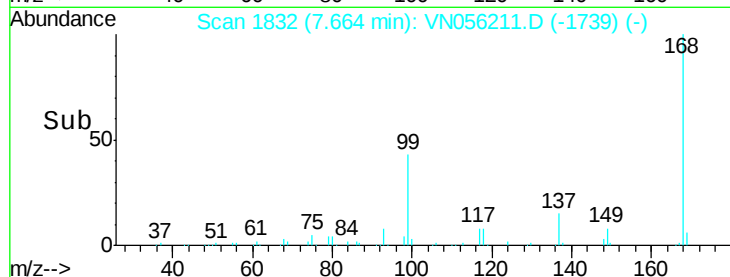
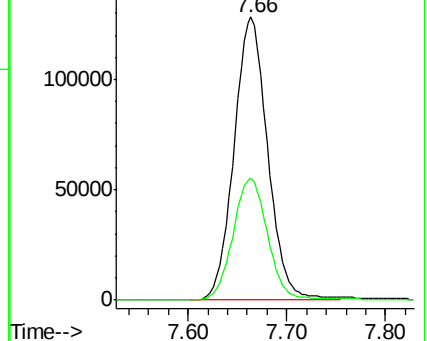
168 100

99 43.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 53.039 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056211.D

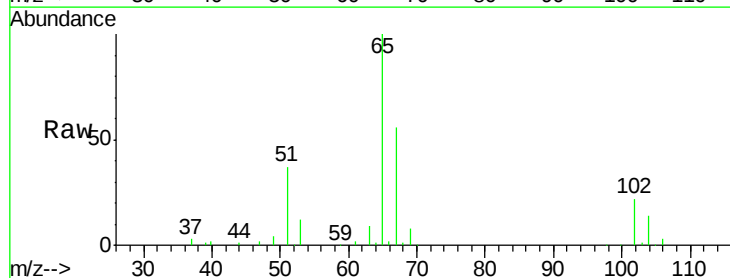
Acq: 11 Jun 2019 10:11

Tgt Ion: 65 Resp: 160357

Ion Ratio Lower Upper

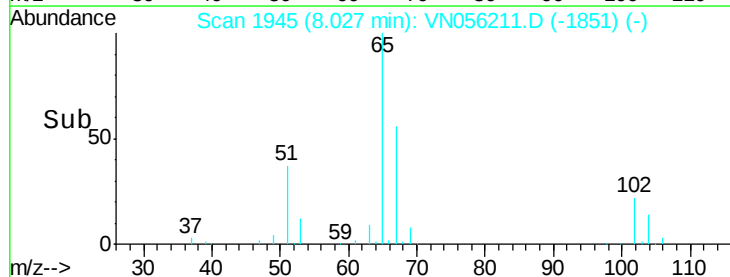
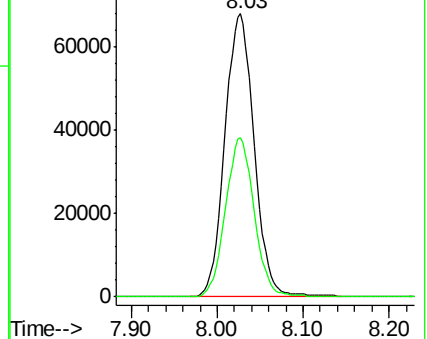
65 100

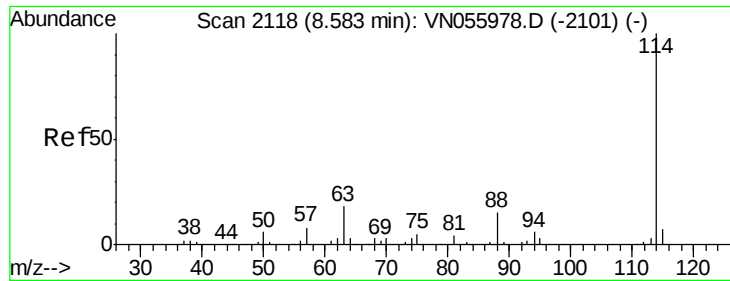
67 55.3 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

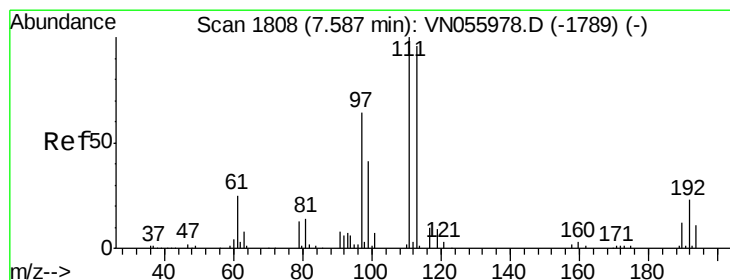
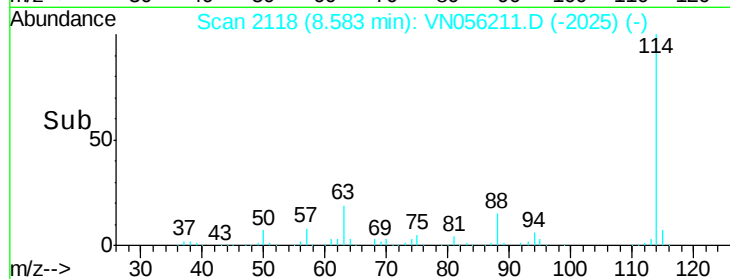
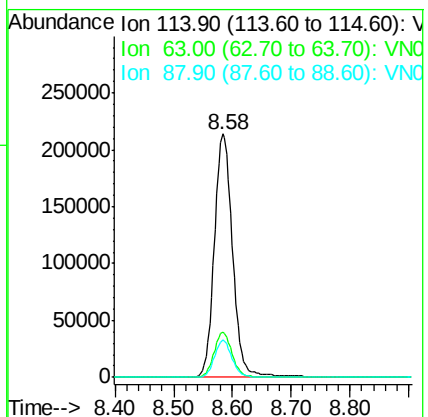
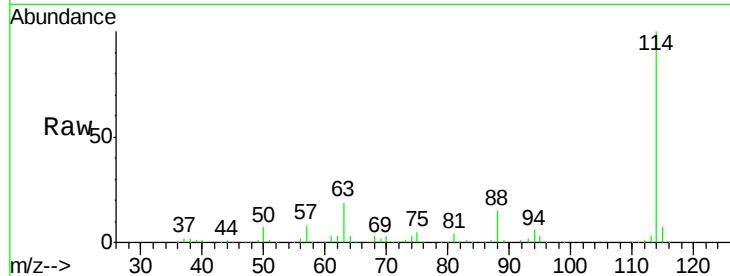




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056211.D
 Acq: 11 Jun 2019 10:11

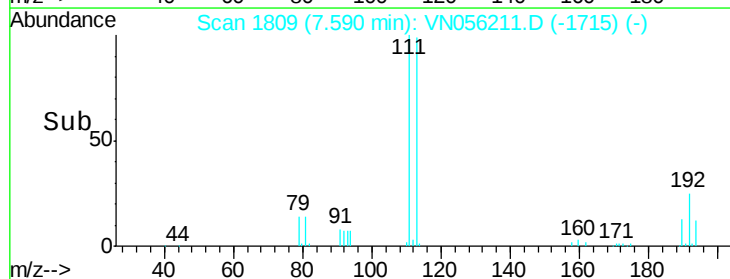
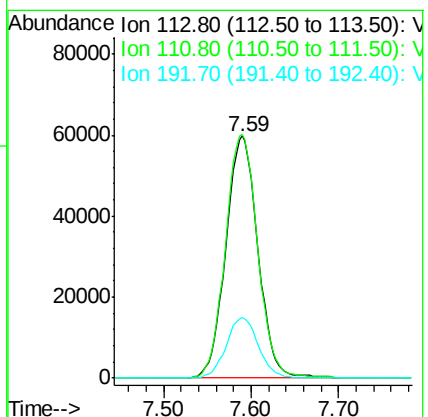
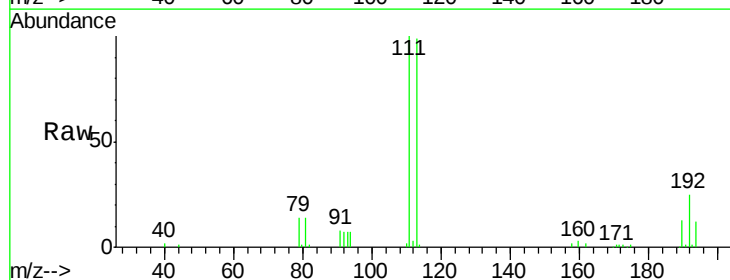
Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-GM25-TB1

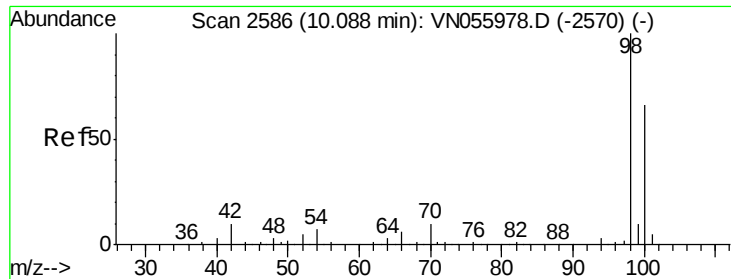
Tot Ion:114 Resp: 460676
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 15.2 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 53.667 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056211.D
 Acq: 11 Jun 2019 10:11

Tgt Ion:113 Resp: 151683
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.9 122.9
 192 24.9 19.5 29.3

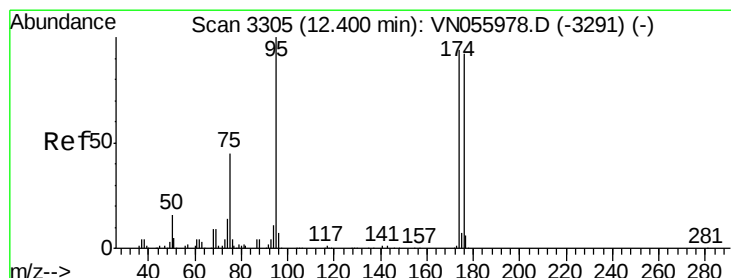
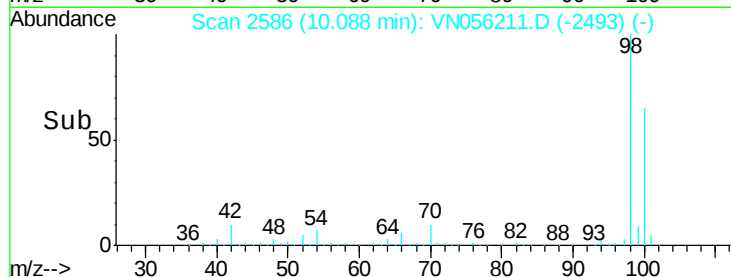
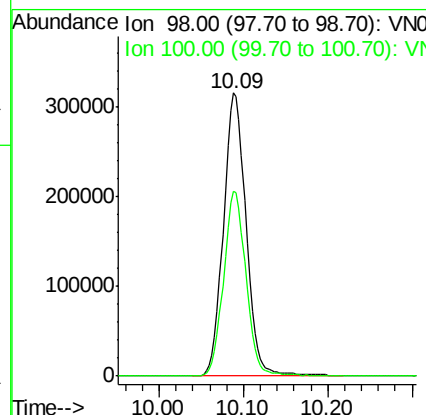
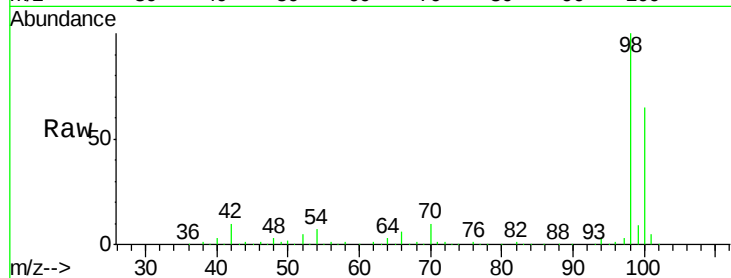




#50
Toluene-d8
Concen: 54.304 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056211.D
Acq: 11 Jun 2019 10:11

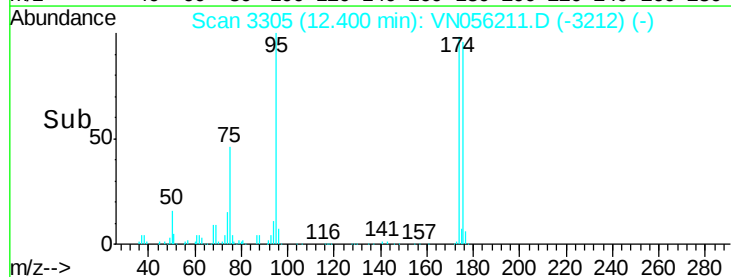
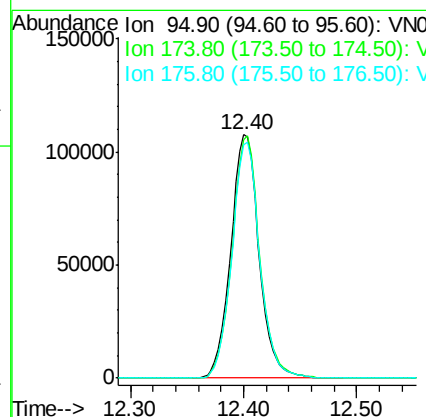
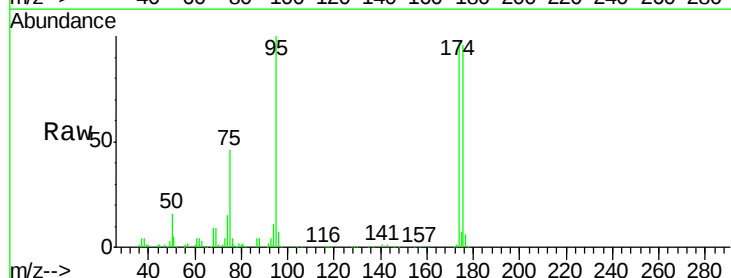
Instrument :
MSVOA_N
ClientSampleId :
SP19-GM25-TB1

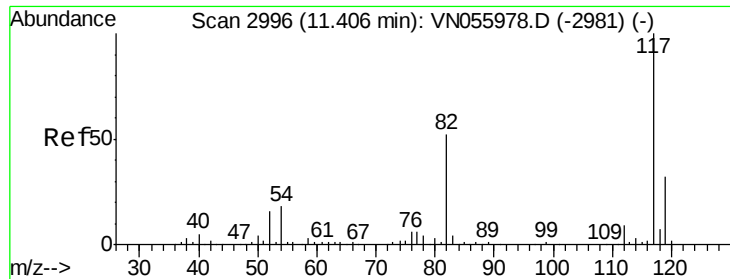
Tot Ion: 98 Resp: 590615
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.575 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056211.D
Acq: 11 Jun 2019 10:11

Tgt Ion: 95 Resp: 187058
Ion Ratio Lower Upper
95 100
174 97.6 0.0 191.0
176 95.6 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: VN056211.D

Acq: 11 Jun 2019 10:11

Instrument :

MSVOA_N

ClientSampleId :

SP19-GM25-TB1

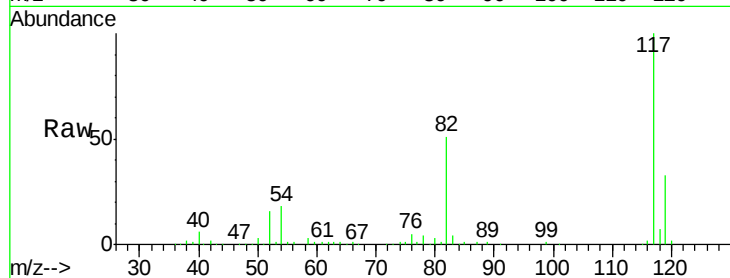
Tot Ion:117 Resp: 449700

Ion Ratio Lower Upper

117 100

82 50.9 41.8 62.8

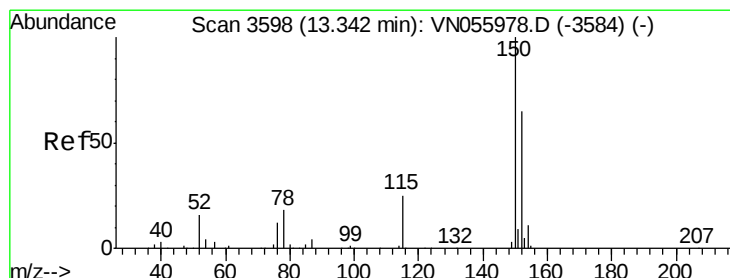
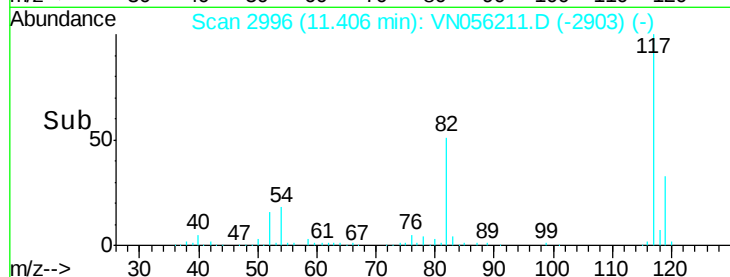
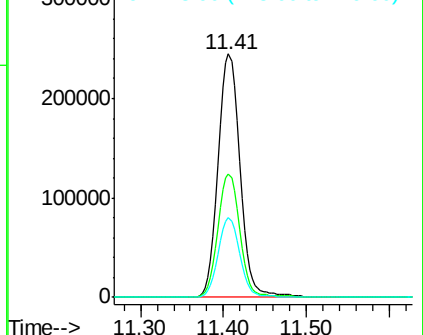
119 32.6 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN056211.D

Acq: 11 Jun 2019 10:11

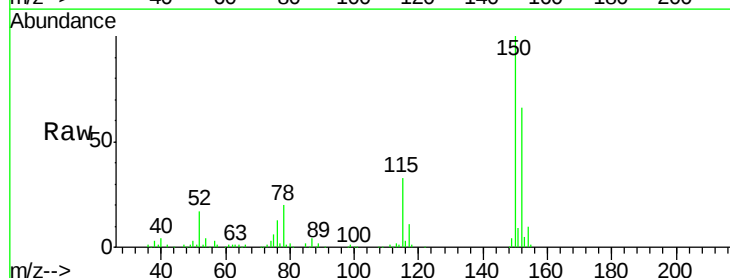
Tgt Ion:152 Resp: 142920

Ion Ratio Lower Upper

152 100

115 51.2 27.0 81.0

150 154.1 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

