

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\
 Data File : VN058803.D
 Acq On : 16 Oct 2019 15:49
 Operator : JC/SP
 Sample : K5399-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-GMZ3-TB1

Quant Time: Oct 17 04:06:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	385175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	615466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	547643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217608	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	290807	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
35) Dibromofluoromethane	7.57	113	206214	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
50) Toluene-d8	10.08	98	785643	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.41	95	258190	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	

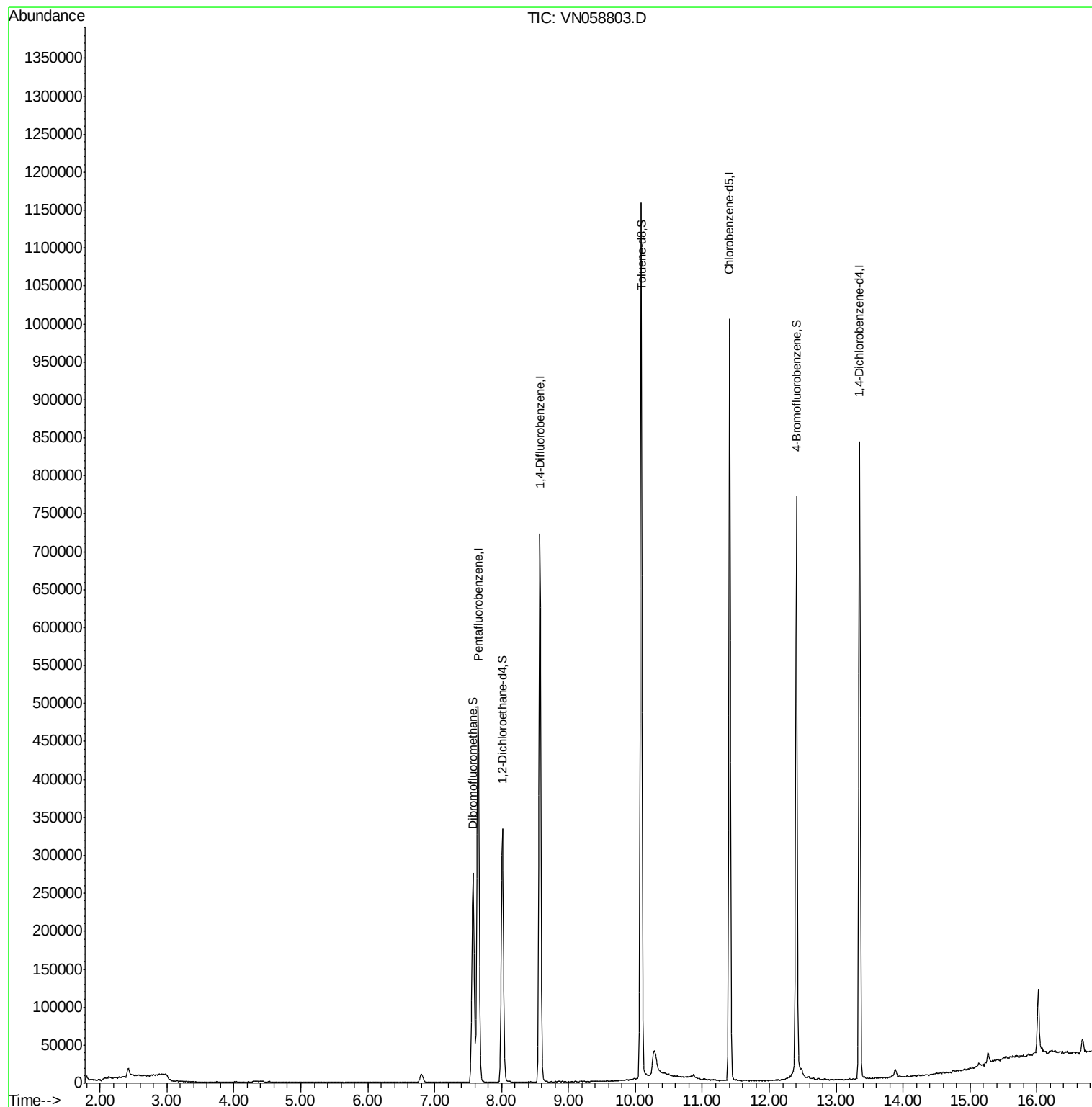
Target Compounds	Qvalue

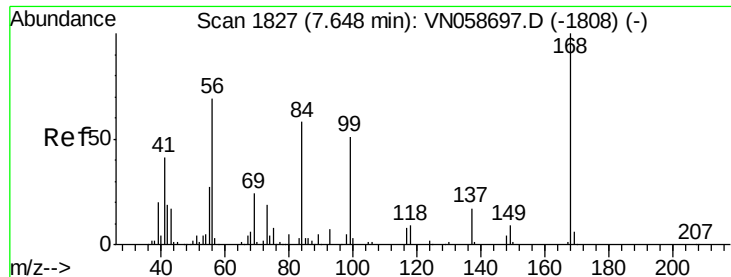
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058803.D

Acq: 16 Oct 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

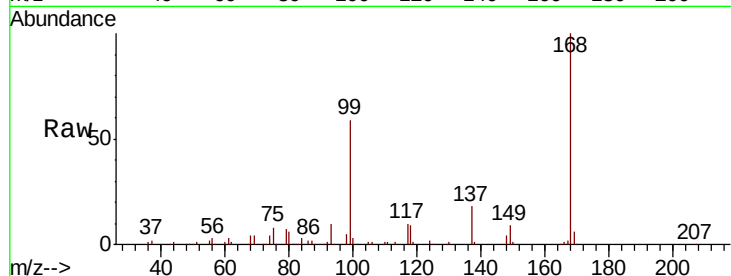
FA19-GMZ3-TB1

Tot Ion:168 Resp: 385175

Ion Ratio Lower Upper

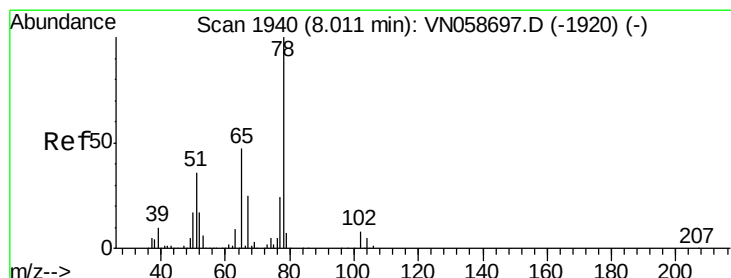
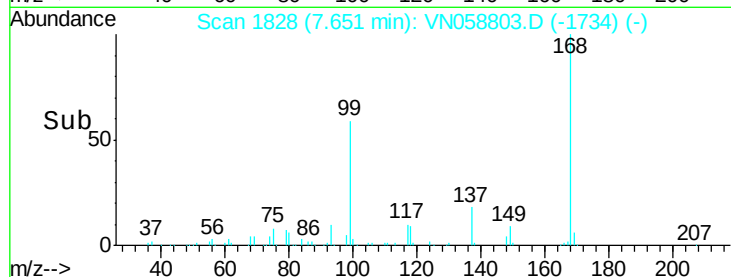
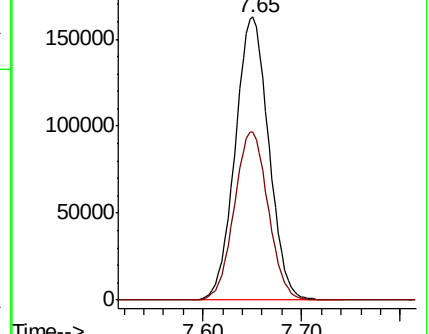
168 100

99 59.3 47.5 71.3



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: 53.929 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058803.D

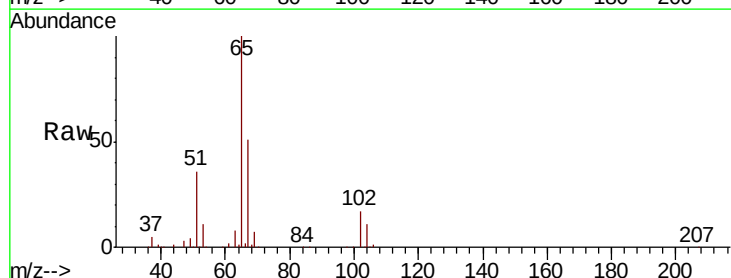
Acq: 16 Oct 2019 15:49

Tgt Ion: 65 Resp: 290807

Ion Ratio Lower Upper

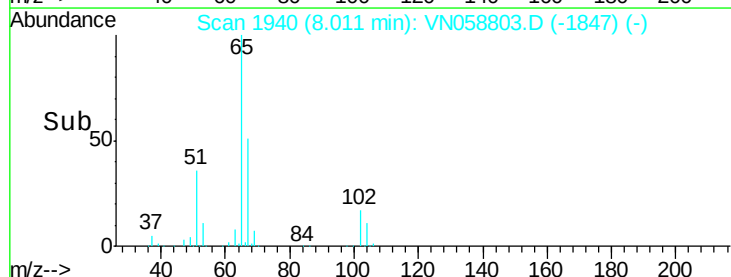
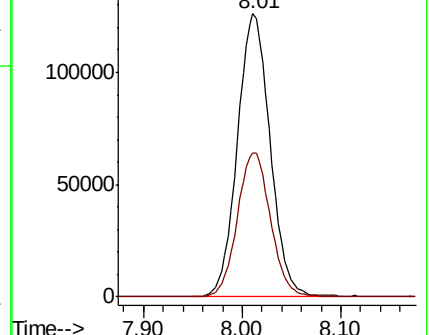
65 100

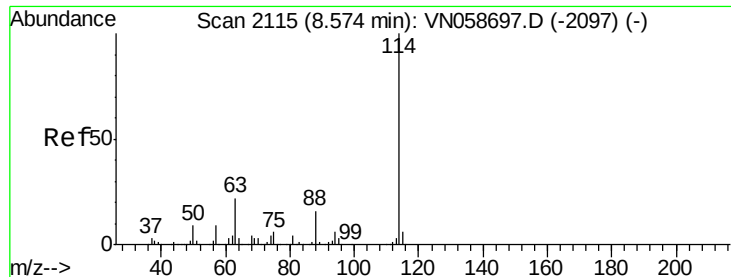
67 51.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

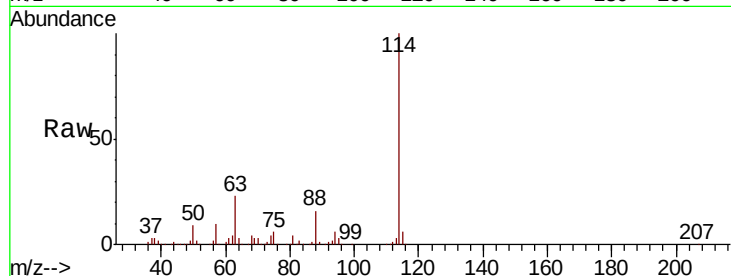




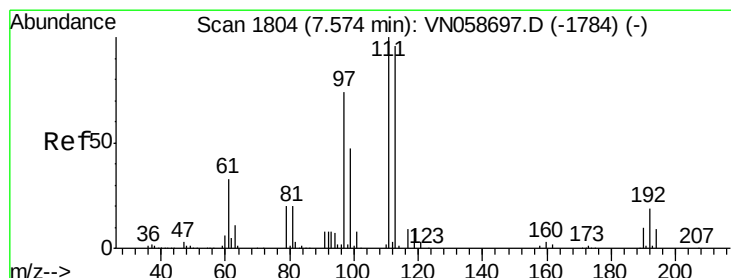
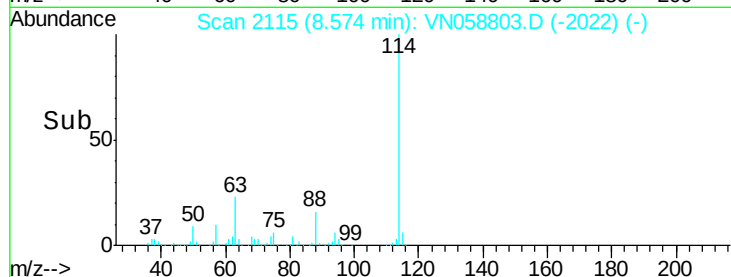
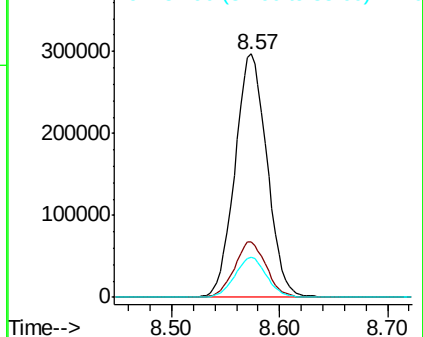
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058803.D
 Acq: 16 Oct 2019 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-GMZ3-TB1

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.8
88	16.5	0.0	32.0

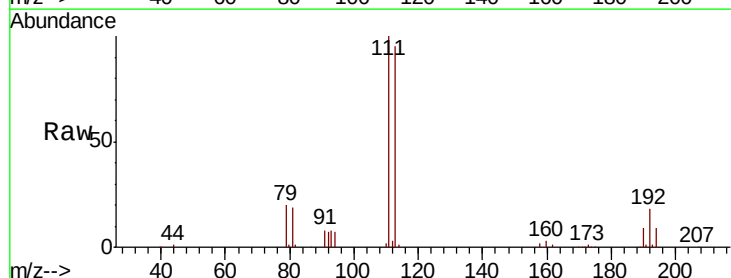


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

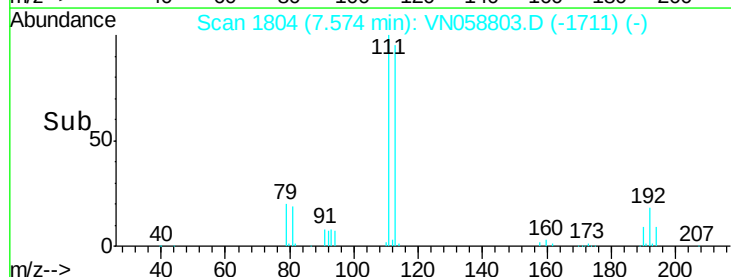
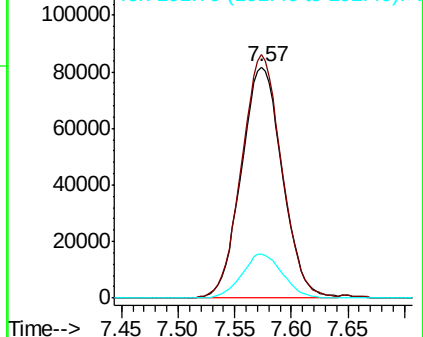


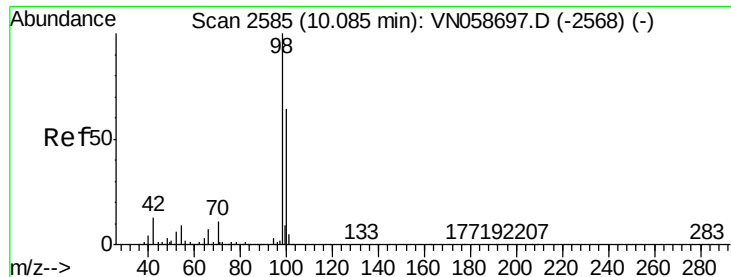
#35
 Dibromofluoromethane
 Concen: 54.244 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058803.D
 Acq: 16 Oct 2019 15:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.3	123.5
192	18.9	15.0	22.6



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: 51.680 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058803.D

Acq: 16 Oct 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

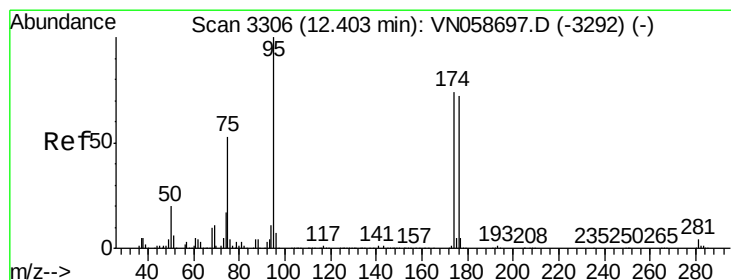
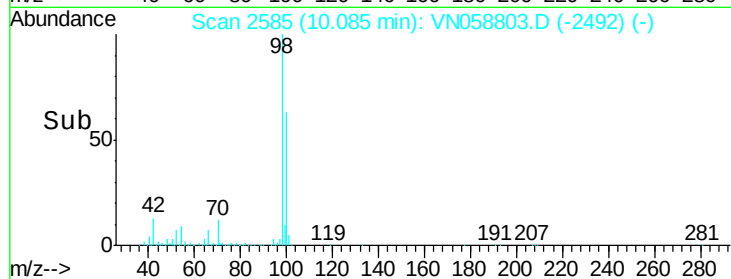
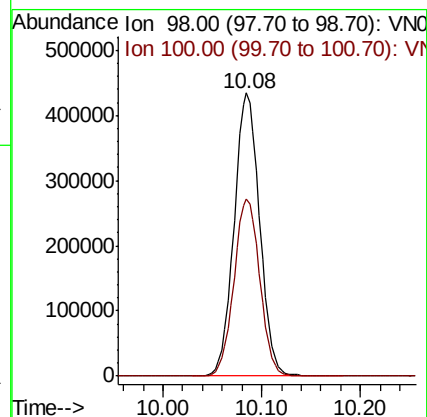
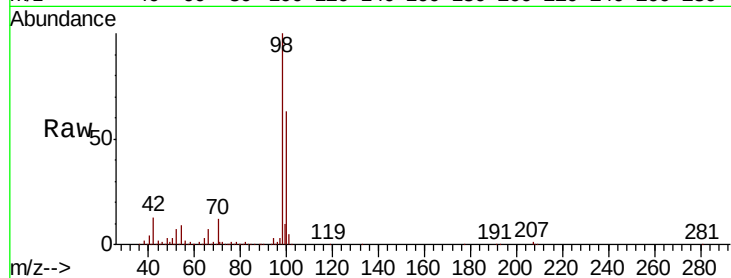
FA19-GMZ3-TB1

Tot Ion: 98 Resp: 785643

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.868 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058803.D

Acq: 16 Oct 2019 15:49

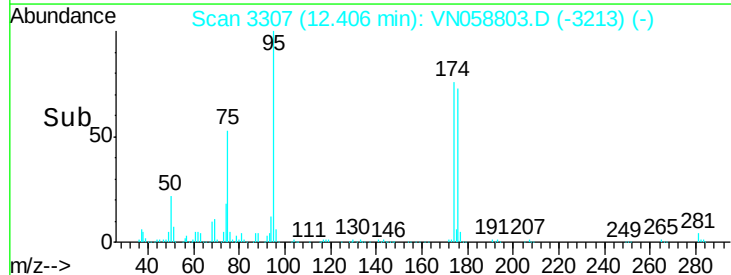
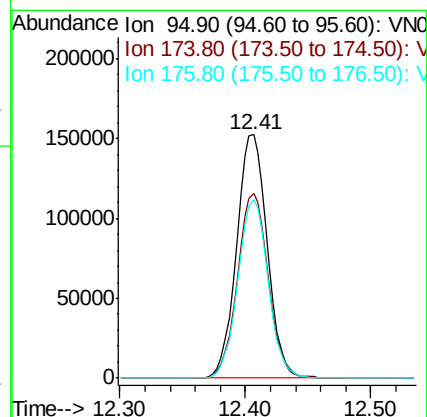
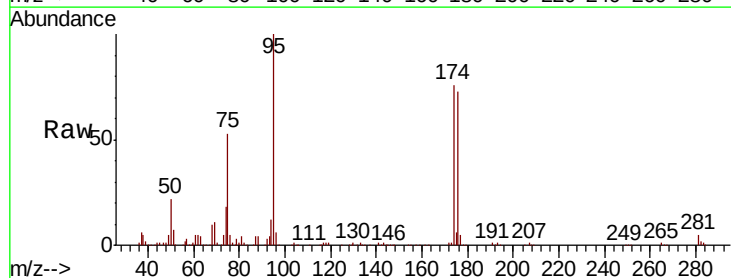
Tgt Ion: 95 Resp: 258190

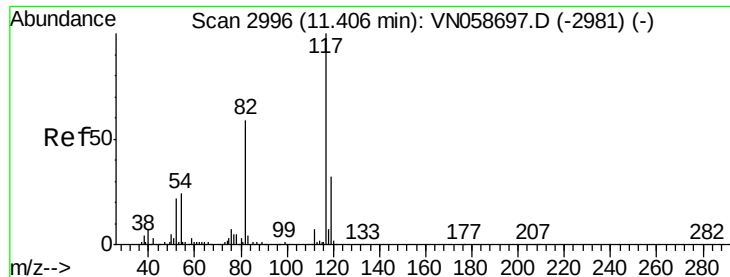
Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.4

176 72.8 0.0 146.8

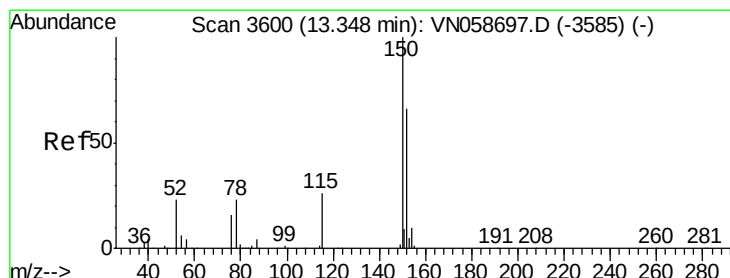
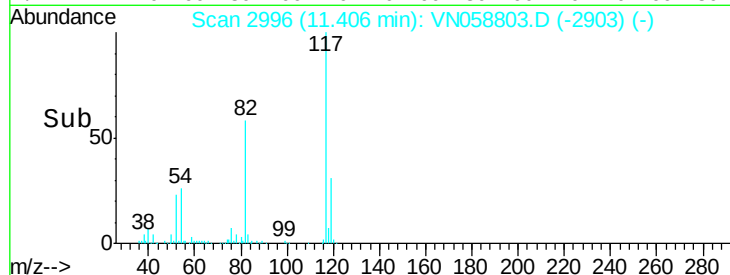
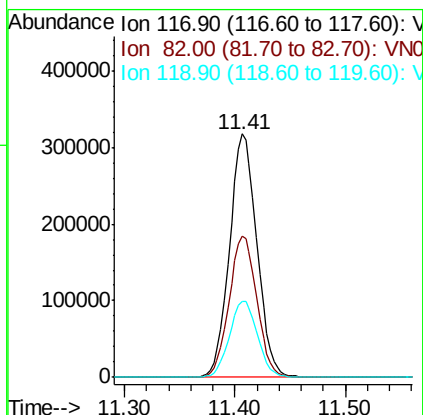
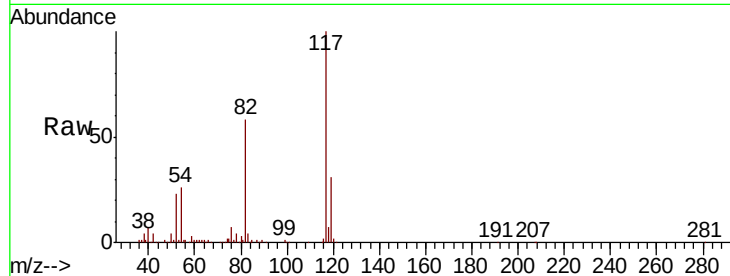




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058803.D
Acq: 16 Oct 2019 15:49

Instrument :
MSVOA_N
ClientSampleId :
FA19-GMZ3-TB1

Tot Ion:117 Resp: 547643
Ion Ratio Lower Upper
117 100
82 58.0 47.0 70.4
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058803.D
Acq: 16 Oct 2019 15:49

Tgt Ion:152 Resp: 217608
Ion Ratio Lower Upper
152 100
115 60.1 30.4 91.2
150 156.6 0.0 345.4

