

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058217.D
 Acq On : 19 Sep 2019 20:22
 Operator : JC/SP
 Sample : K4896-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D3-20190912

Quant Time: Sep 20 06:00:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

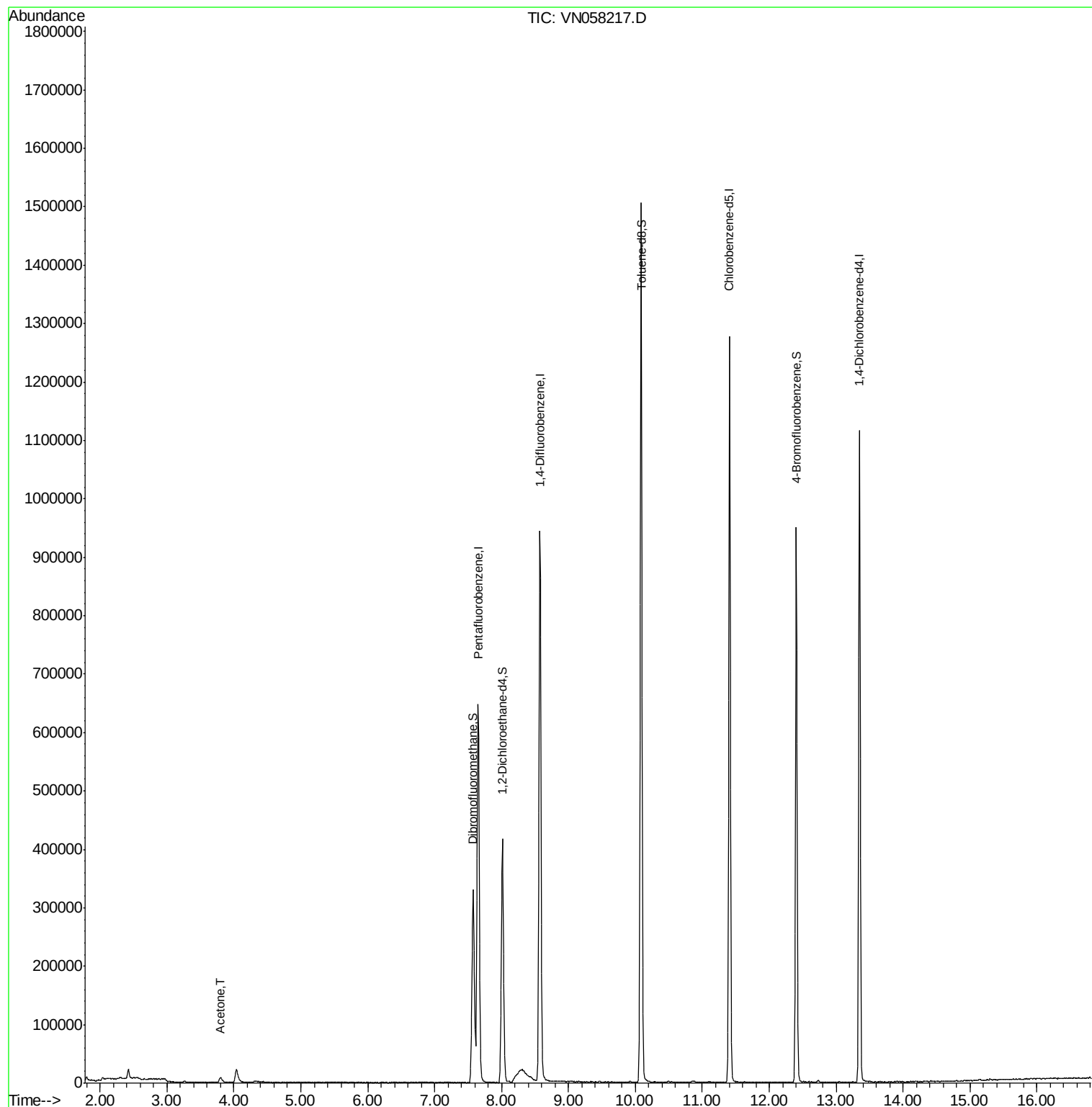
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	507690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	823566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	691755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	360510	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
35) Dibromofluoromethane	7.57	113	250788	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.08	98	1026307	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.40	95	318938	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.04%	
Target Compounds						
16) Acetone	3.80	43	15749	6.561	ug/l	Qvalue 97

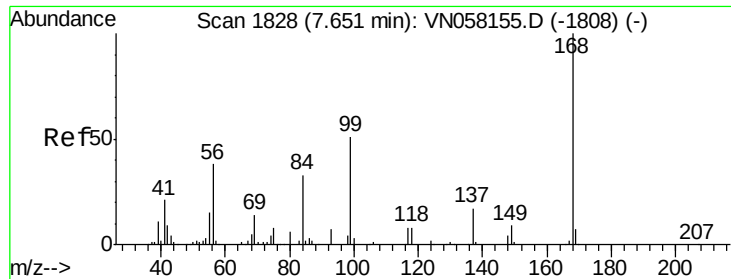
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091919\
Data File : VN058217.D
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Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
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: VN058217.D

Acq: 19 Sep 2019 20:22

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MSVOA_N

ClientSampleId :

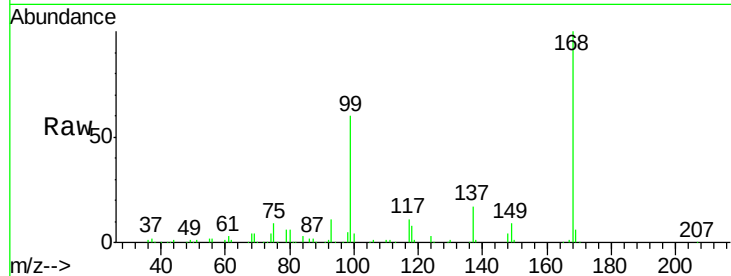
RE104D3-20190912

Tot Ion:168 Resp: 507690

Ion Ratio Lower Upper

168 100

99 60.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

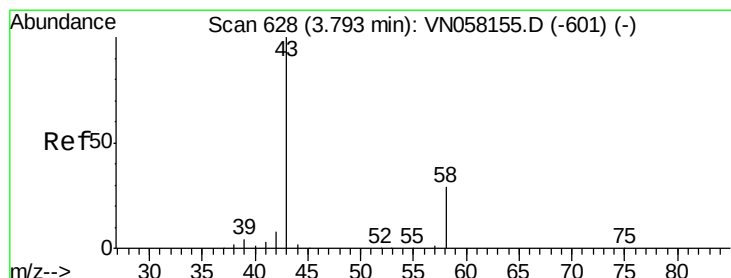
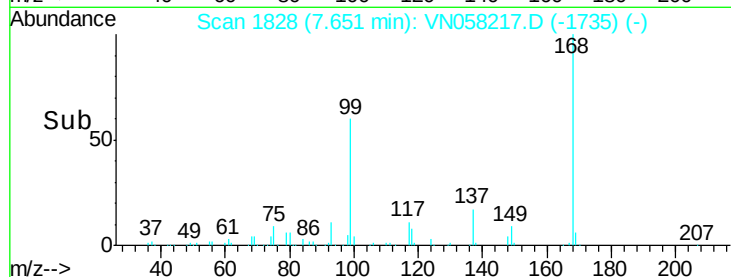
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.561 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058217.D

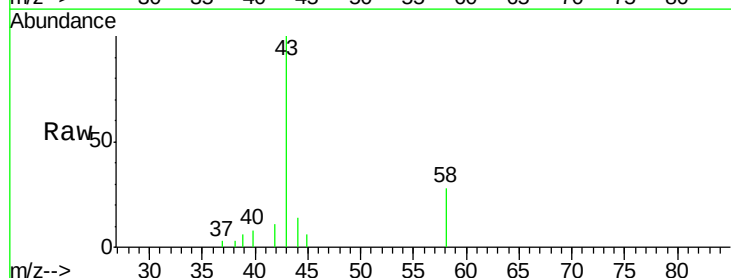
Acq: 19 Sep 2019 20:22

Tgt Ion: 43 Resp: 15749

Ion Ratio Lower Upper

43 100

58 27.8 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

6000

5000

4000

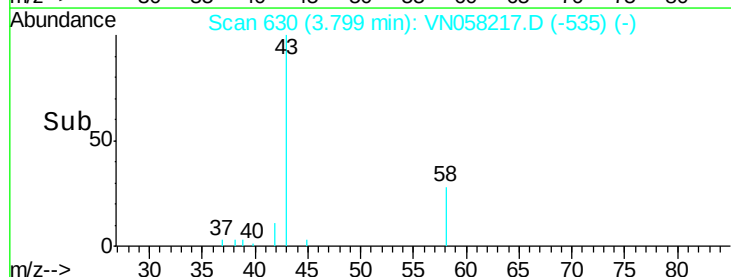
3000

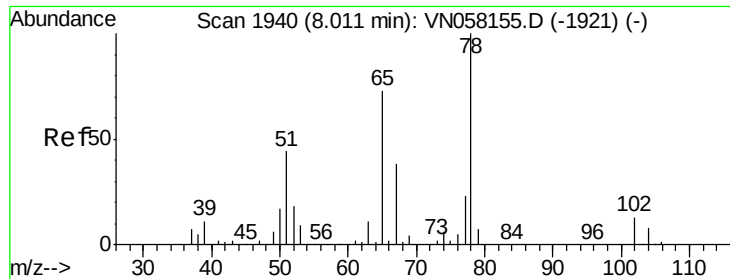
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

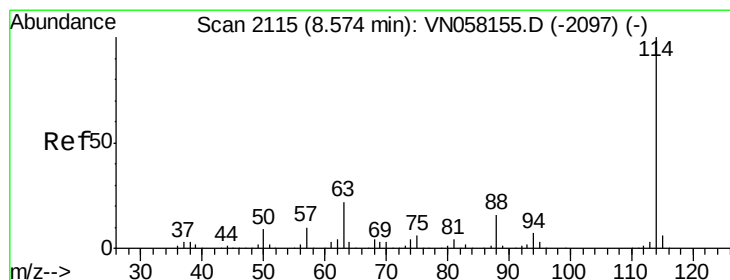
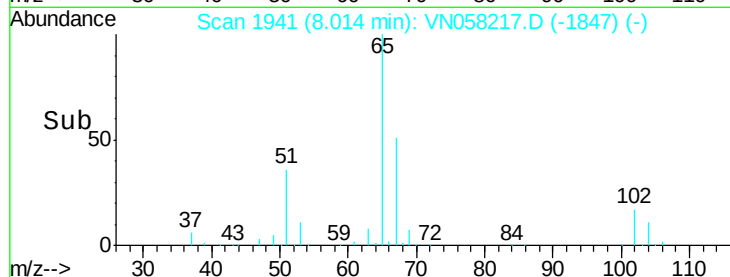
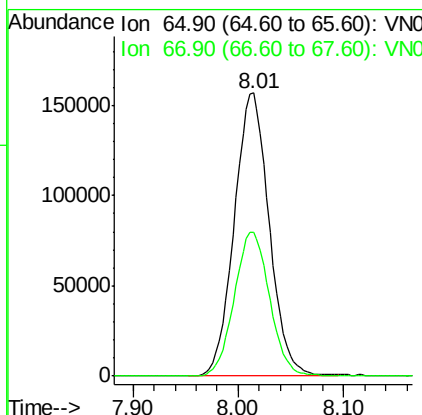
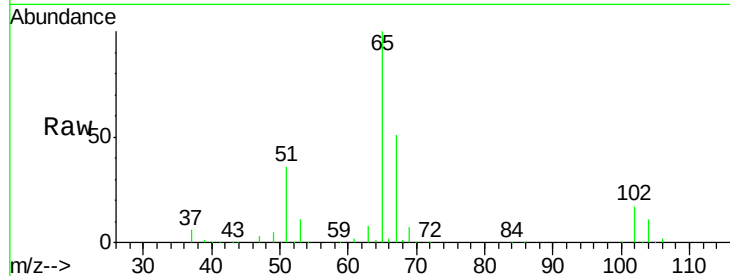




#33
 1,2-Dichloroethane-d4
 Concen: 50.984 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058217.D
 Acq: 19 Sep 2019 20:22

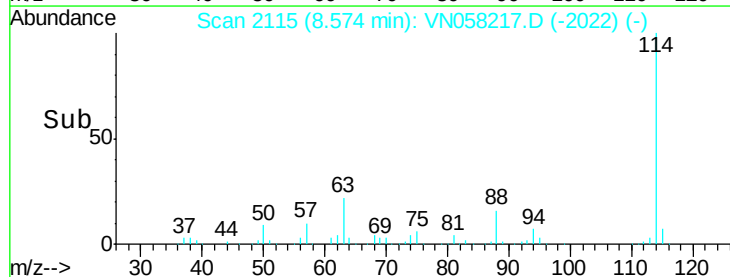
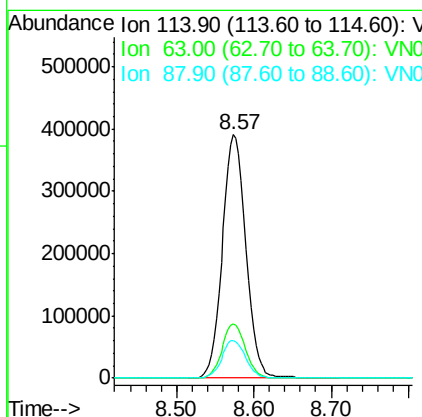
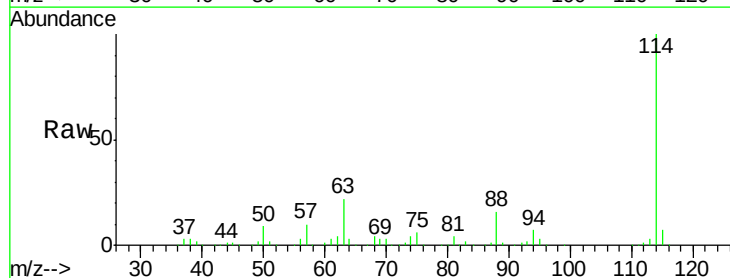
Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D3-20190912

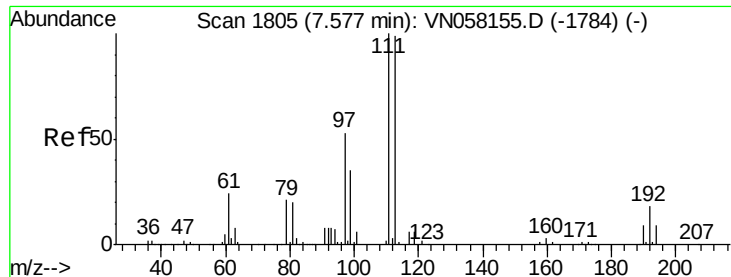
Tot Ion: 65 Resp: 360510
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058217.D
 Acq: 19 Sep 2019 20:22

Tgt Ion: 114 Resp: 823566
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.2
 88 15.5 0.0 31.6

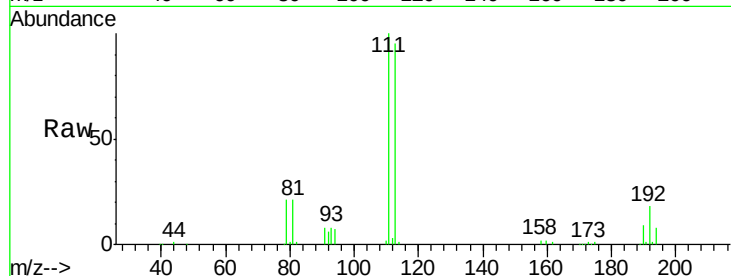




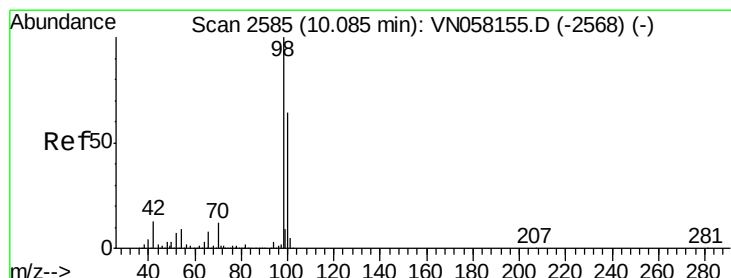
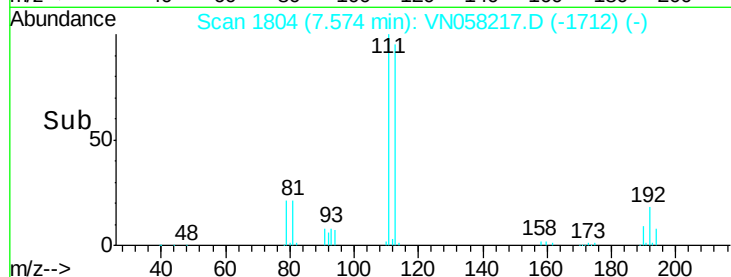
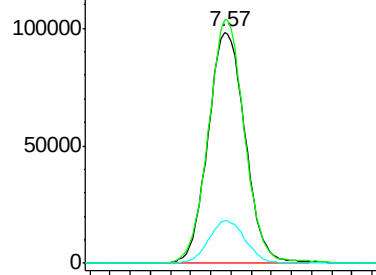
#35
Dibromofluoromethane
Concen: 50.091 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058217.D
Acq: 19 Sep 2019 20:22

Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20190912

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	18.5	14.5	21.7

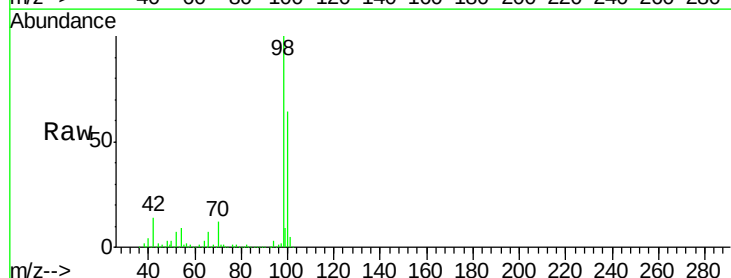


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

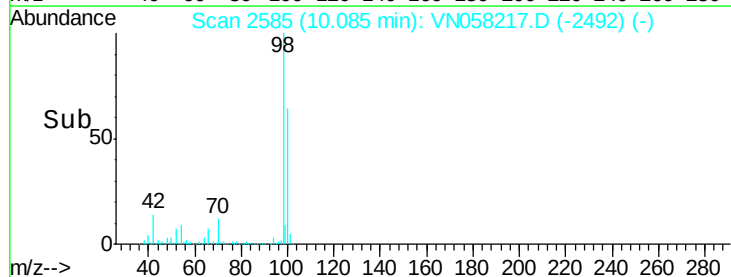
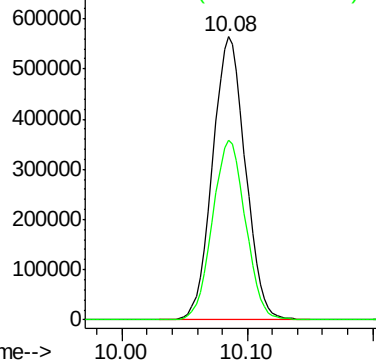


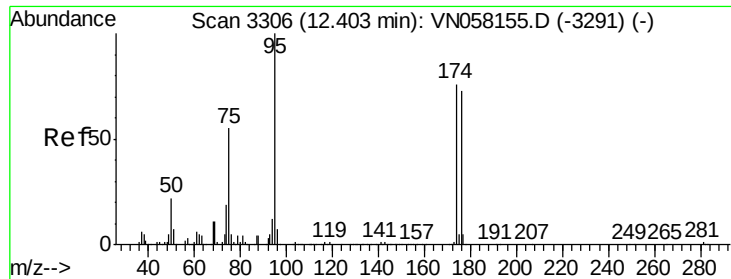
#50
Toluene-d8
Concen: 52.613 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058217.D
Acq: 19 Sep 2019 20:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.1	76.7



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 44.016 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058217.D

Acq: 19 Sep 2019 20:22

Instrument :

MSVOA_N

ClientSampleId :

RE104D3-20190912

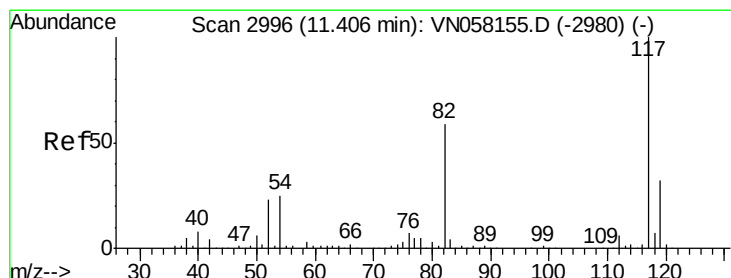
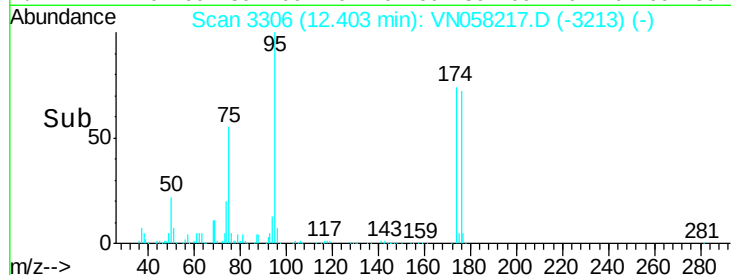
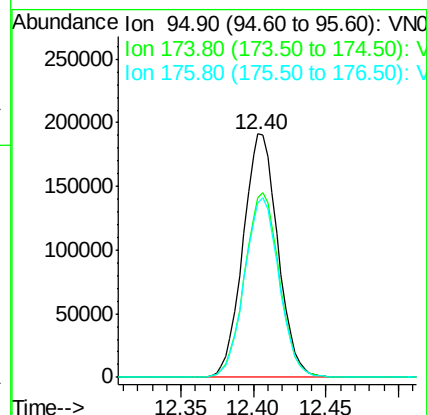
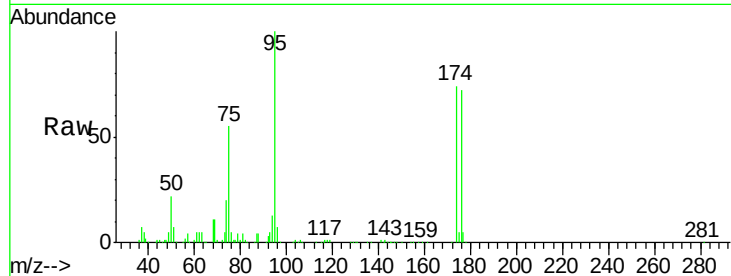
Tot Ion: 95 Resp: 318938

Ion Ratio Lower Upper

95 100

174 76.2 0.0 152.2

176 73.9 0.0 148.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058217.D

Acq: 19 Sep 2019 20:22

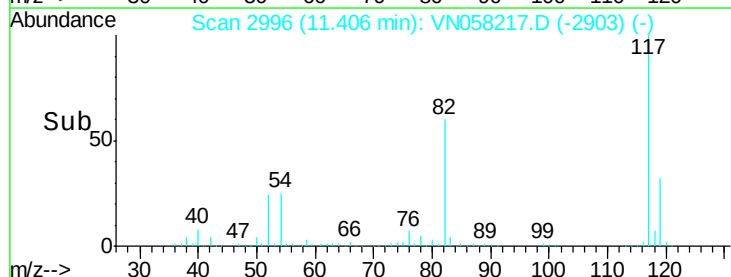
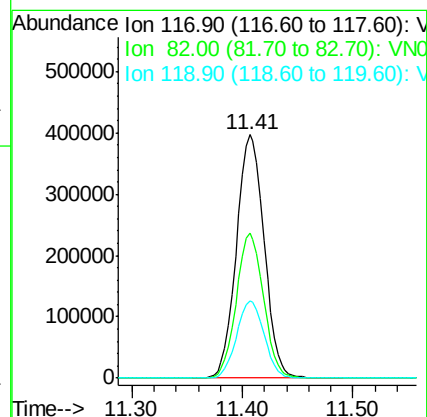
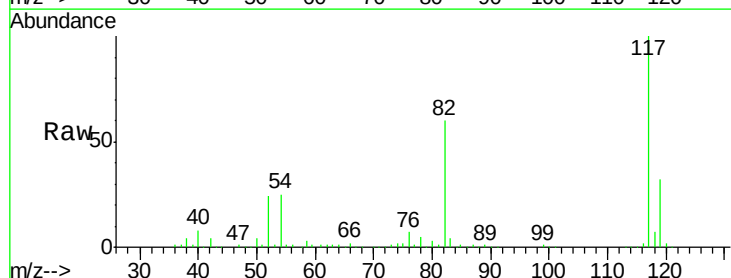
Tgt Ion: 117 Resp: 691755

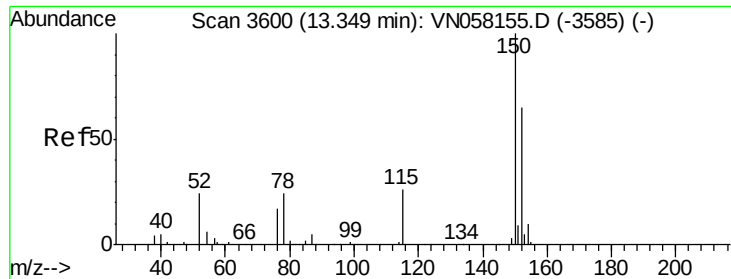
Ion Ratio Lower Upper

117 100

82 59.5 46.9 70.3

119 31.9 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058217.D

Acq: 19 Sep 2019 20:22

Instrument :

MSVOA_N

ClientSampleId :

RE104D3-20190912

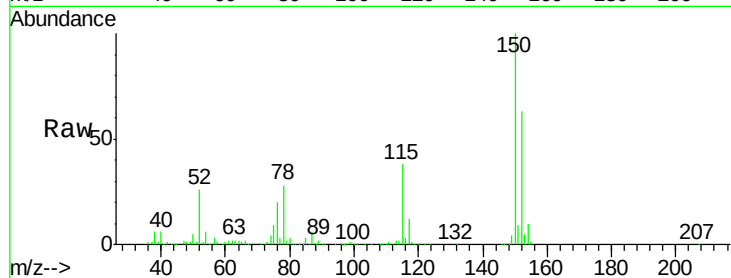
Tot Ion:152 Resp: 276924

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

150 156.6 0.0 346.4



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

