

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091619\
 Data File : VN058107.D
 Acq On : 16 Sep 2019 11:00
 Operator : JC/SP
 Sample : K4871-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11

Quant Time: Sep 17 08:57:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

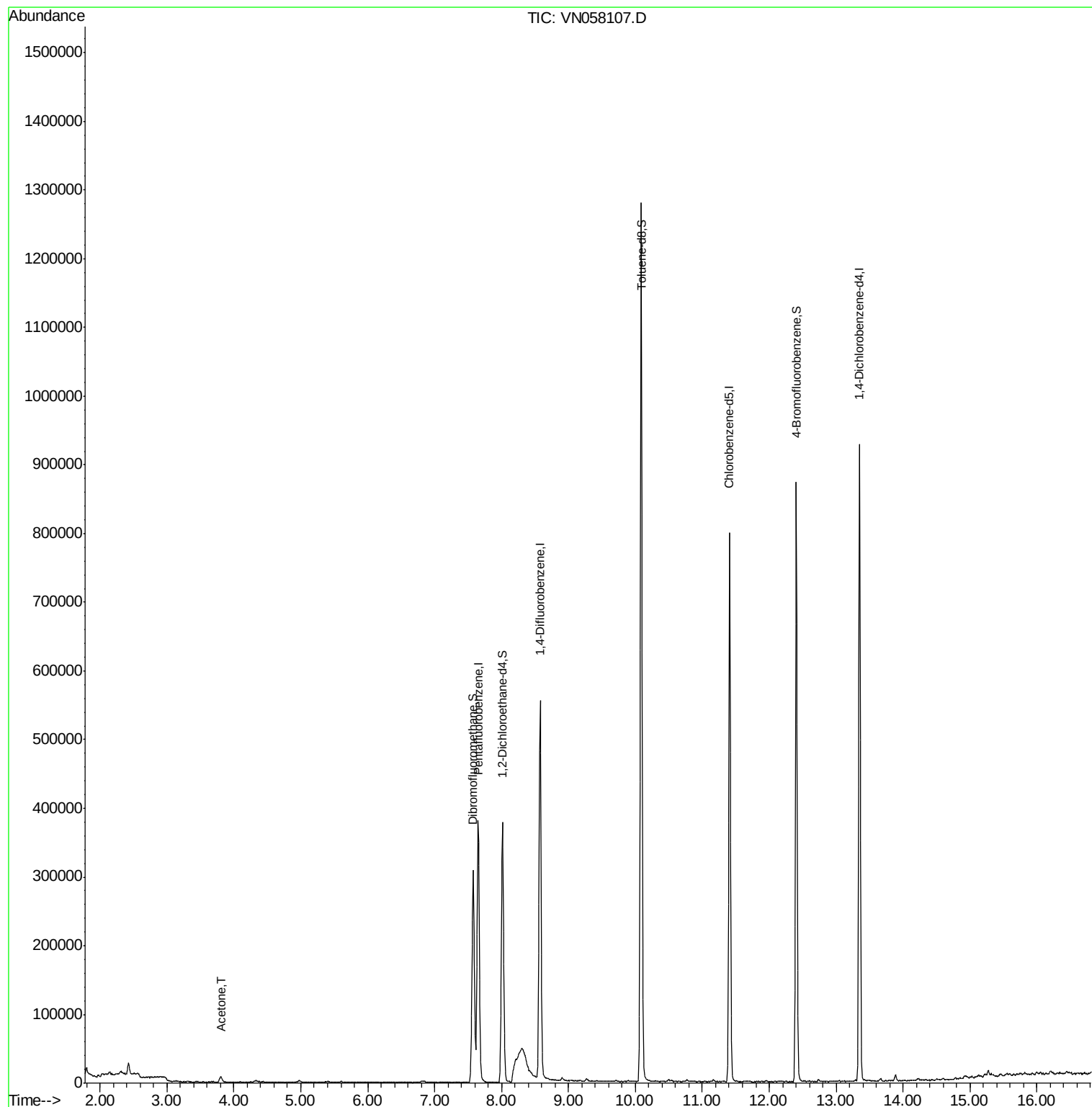
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	296178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	481935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	432034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	232220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	334658	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.58%	
35) Dibromofluoromethane	7.58	113	230884	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
50) Toluene-d8	10.09	98	878082	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.40	95	293215	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
Target Compounds						
16) Acetone	3.80	43	14363	7.304	ug/l	Qvalue 97

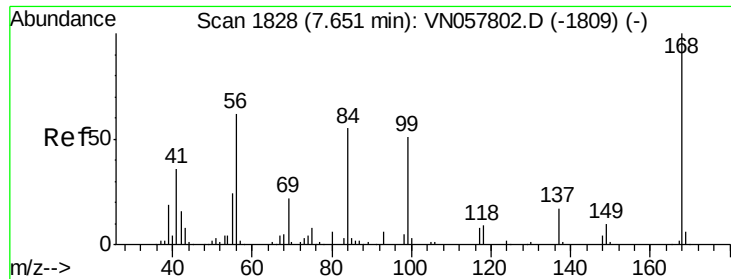
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091619\
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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: VN058107.D

Acq: 16 Sep 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

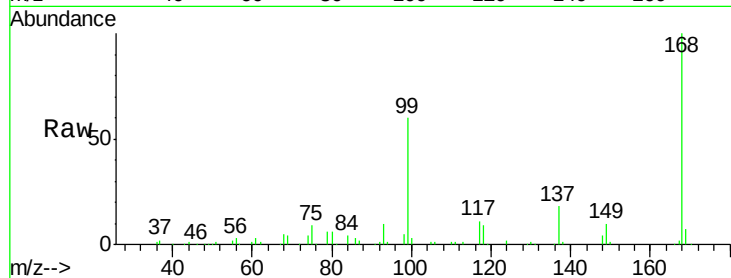
VE-4-11

Tot Ion:168 Resp: 296178

Ion Ratio Lower Upper

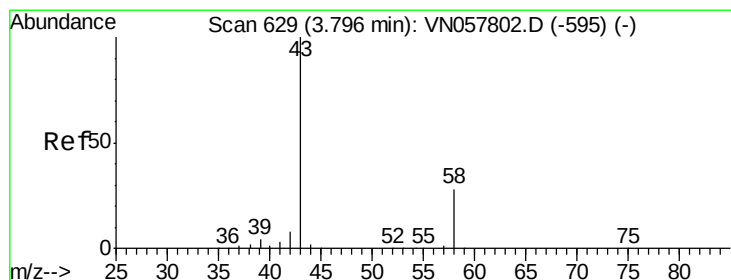
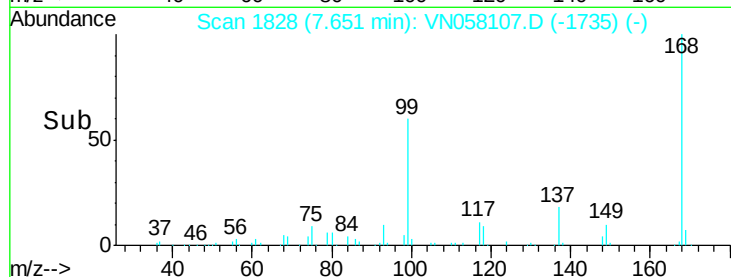
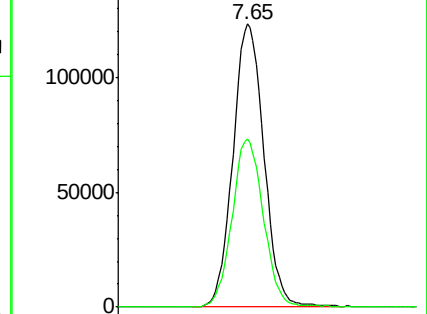
168 100

99 59.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.304 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058107.D

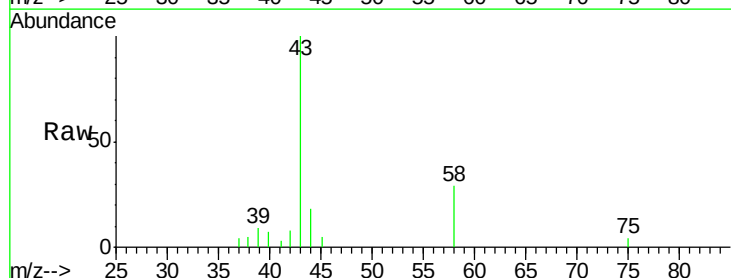
Acq: 16 Sep 2019 11:00

Tgt Ion: 43 Resp: 14363

Ion Ratio Lower Upper

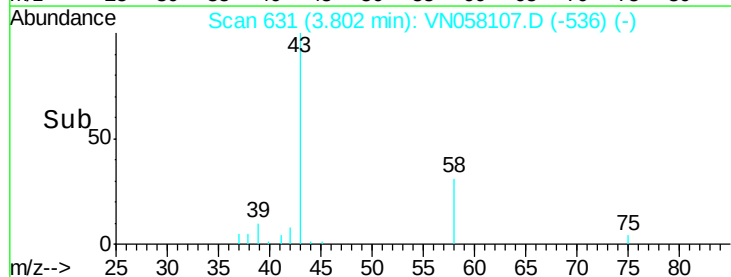
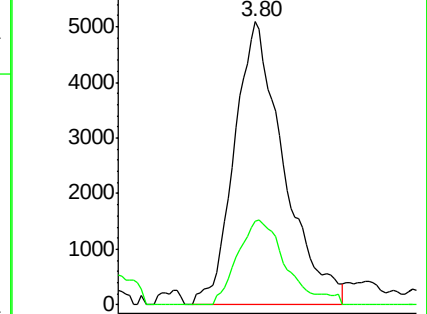
43 100

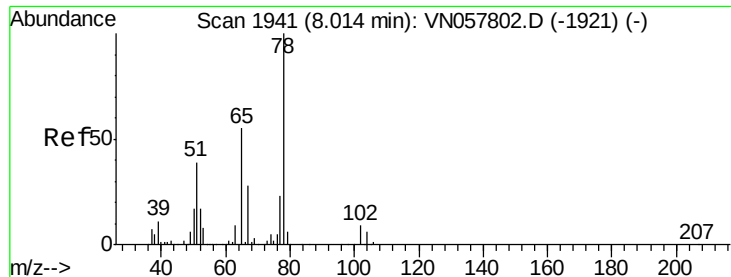
58 29.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

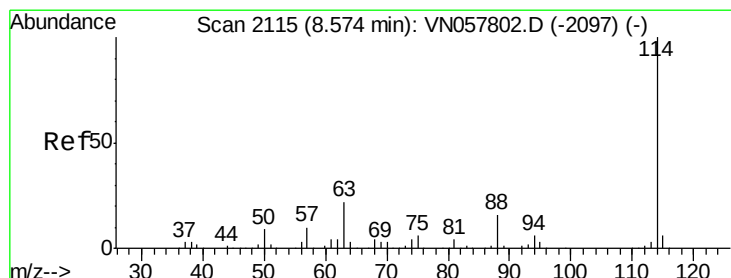
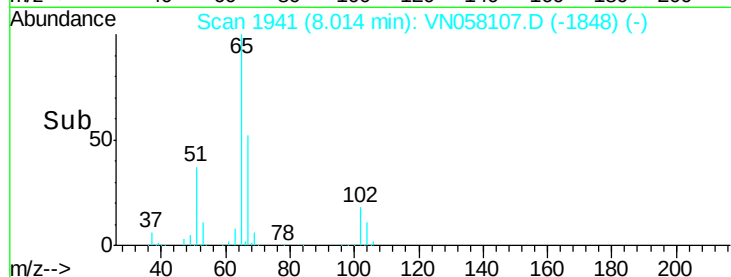
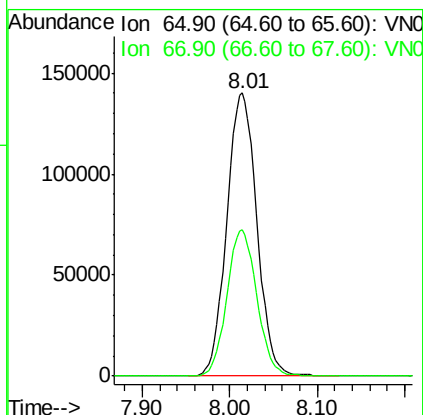
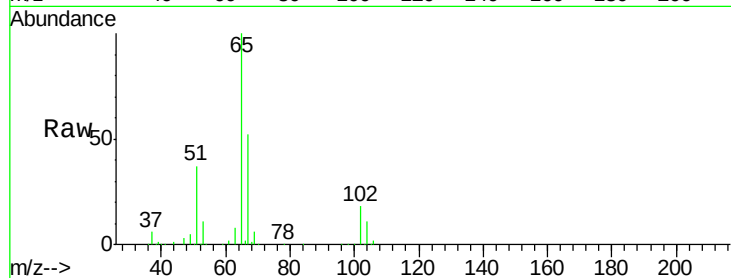




#33
 1,2-Dichloroethane-d4
 Concen: 55.787 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058107.D
 Acq: 16 Sep 2019 11:00

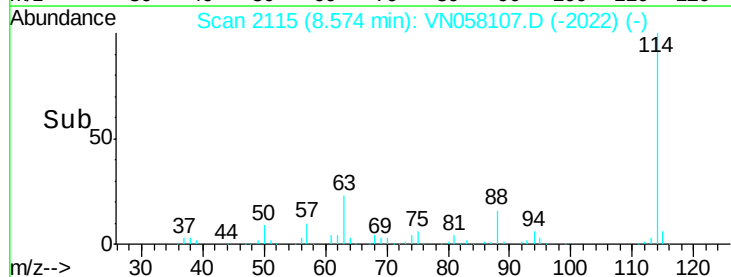
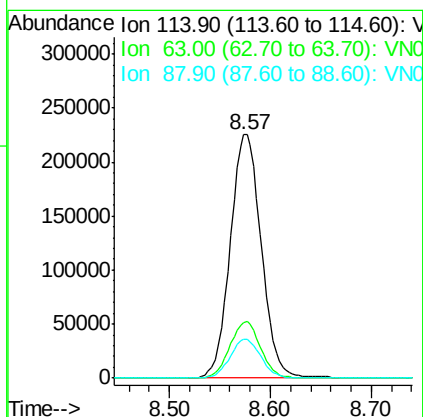
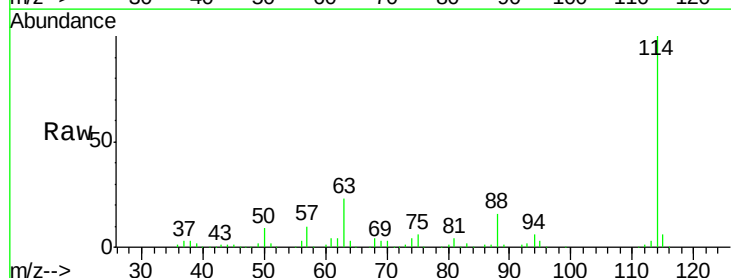
Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11

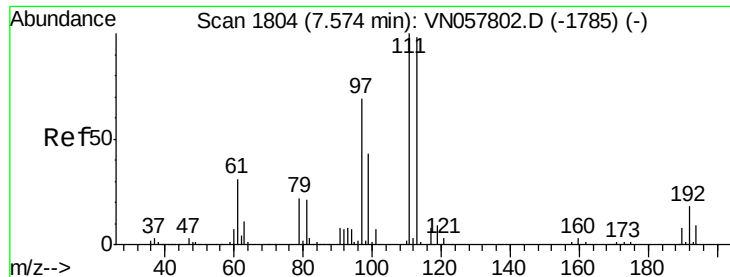
Tot Ion: 65 Resp: 334658
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058107.D
 Acq: 16 Sep 2019 11:00

Tgt Ion: 114 Resp: 481935
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.0
 88 16.0 0.0 31.4

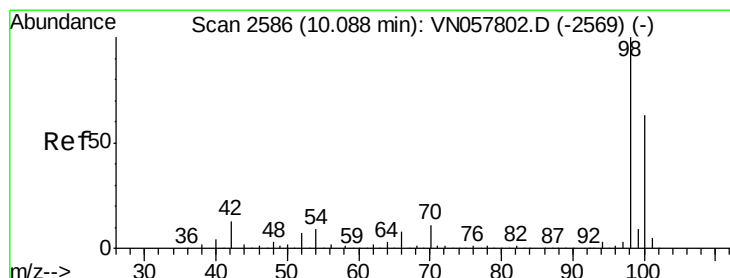
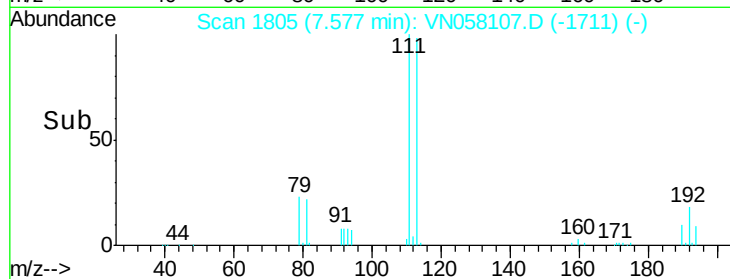
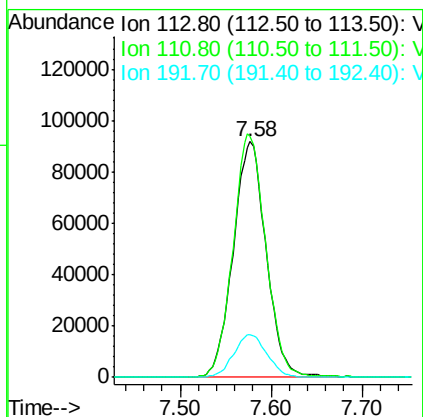
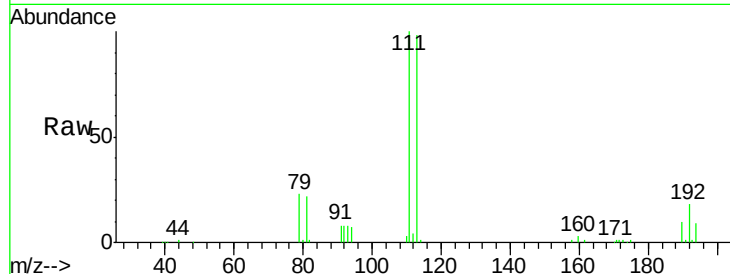




#35
 Dibromofluoromethane
 Concen: 51.907 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058107.D
 Acq: 16 Sep 2019 11:00

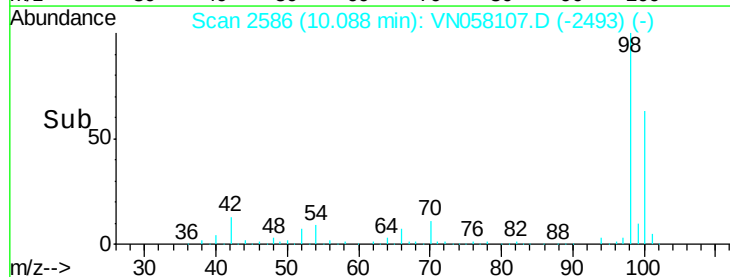
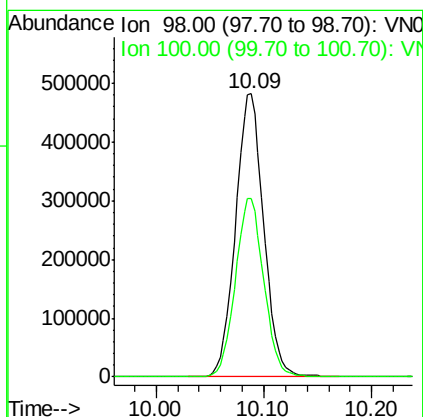
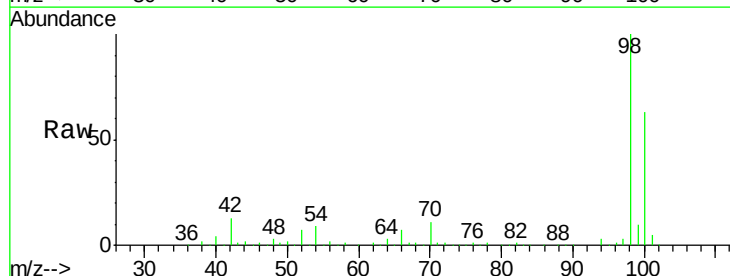
Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11

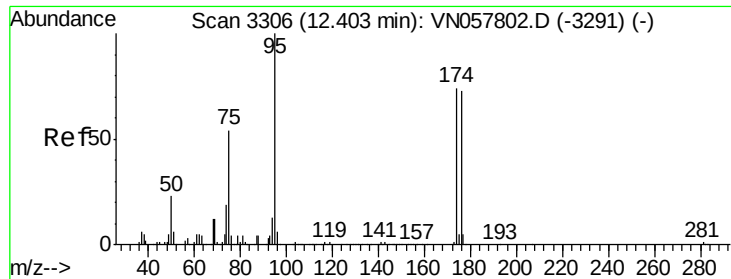
Tot Ion:113 Resp: 230884
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.3 121.9
 192 18.4 14.6 22.0



#50
 Toluene-d8
 Concen: 50.845 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN058107.D
 Acq: 16 Sep 2019 11:00

Tgt Ion: 98 Resp: 878082
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 44.553 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058107.D

Acq: 16 Sep 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

VE-4-11

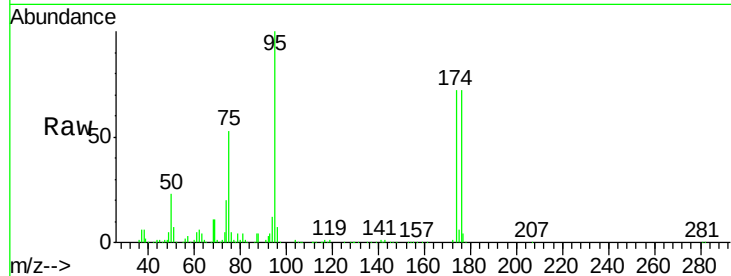
Tot Ion: 95 Resp: 293215

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

176 72.8 0.0 146.0

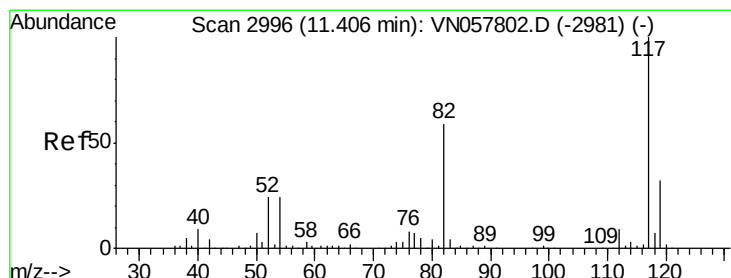
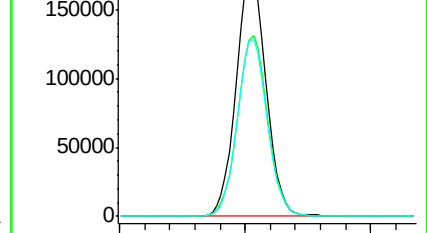
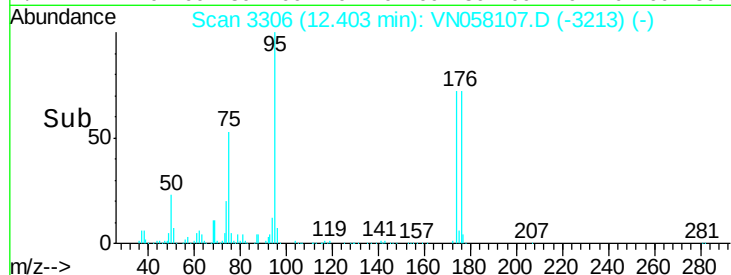


Abundance Ion 94.90 (94.60 to 95.60): VN058107.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN058107.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN058107.D (-2903) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058107.D

Acq: 16 Sep 2019 11:00

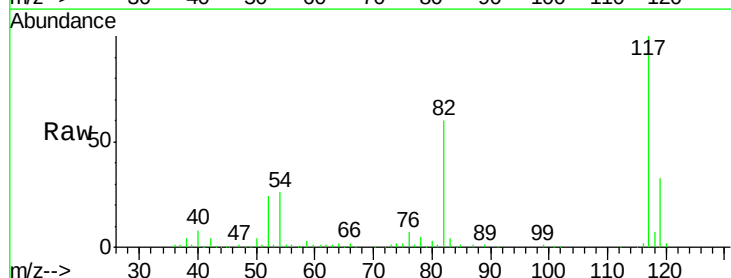
Tgt Ion: 117 Resp: 432034

Ion Ratio Lower Upper

117 100

82 60.1 47.2 70.8

119 32.8 25.3 37.9

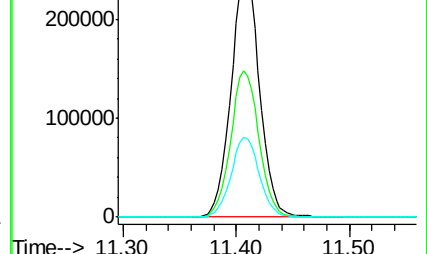
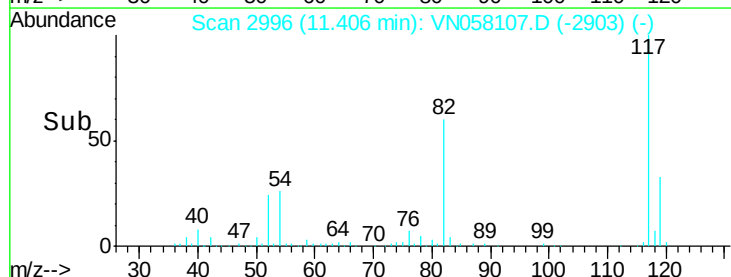


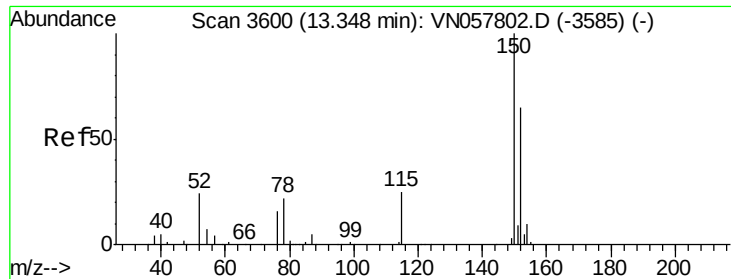
Abundance Ion 116.90 (116.60 to 117.60): VN058107.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058107.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058107.D (-2903) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058107.D

Acq: 16 Sep 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11

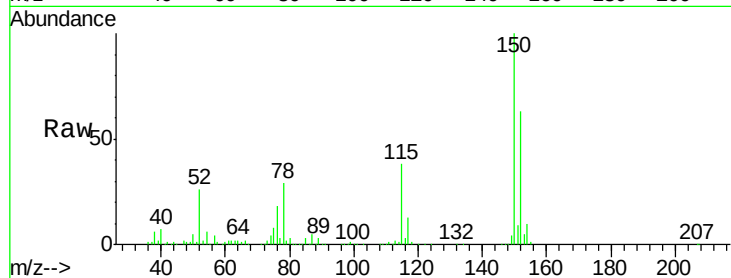
Tot Ion:152 Resp: 232220

Ion Ratio Lower Upper

152 100

115 60.0 30.3 91.0

150 157.4 0.0 352.4



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

