

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058195.D
 Acq On : 19 Sep 2019 11:18
 Operator : JC/SP
 Sample : K4899-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Sep 20 03:22:43 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

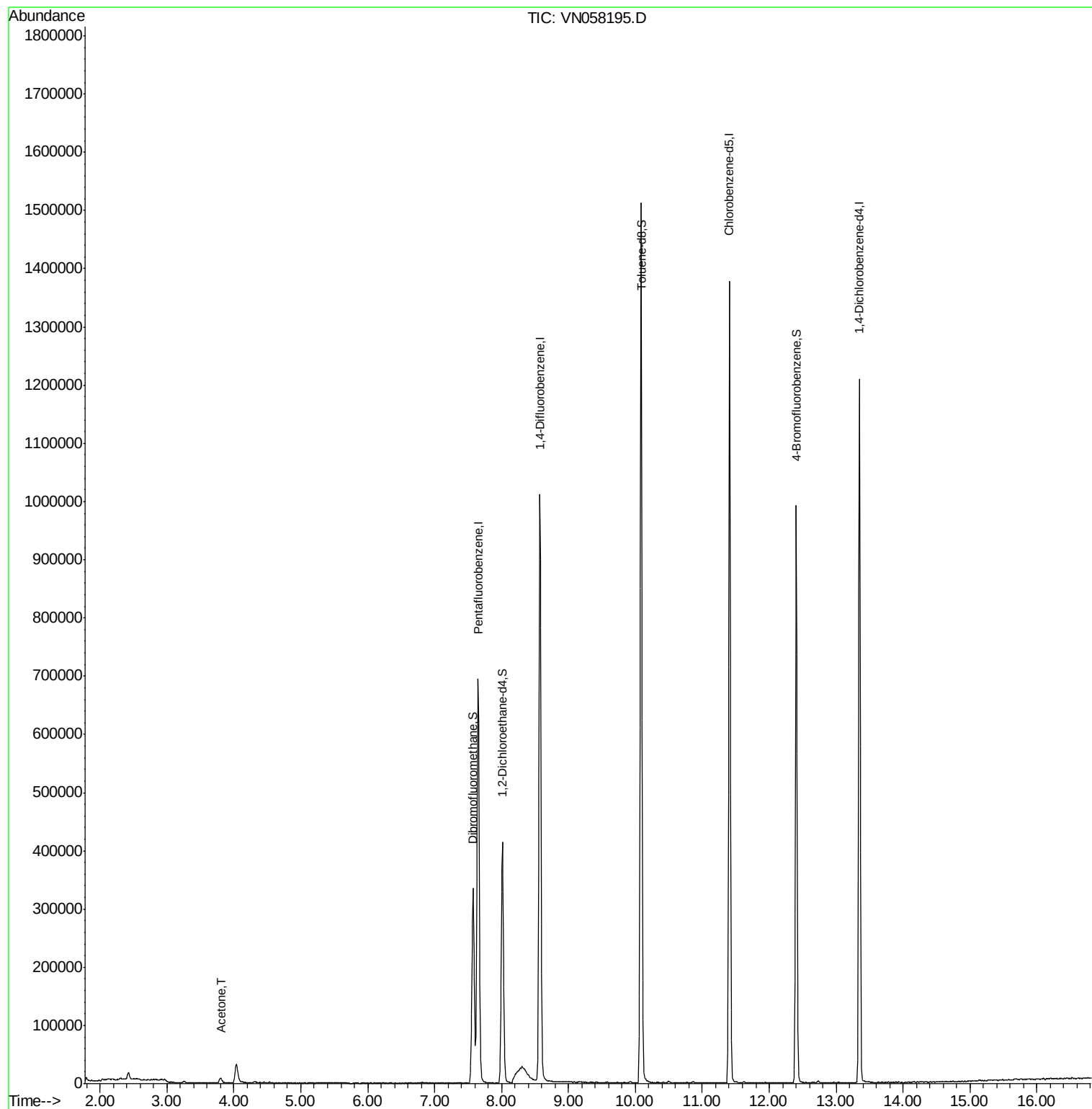
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	542610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	875437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	744767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	305436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	361944	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
35) Dibromofluoromethane	7.57	113	250156	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	10.08	98	1030728	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	331878	43.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.18%	
Target Compounds						
16) Acetone	3.81	43	15711	6.124	ug/l	Qvalue 93

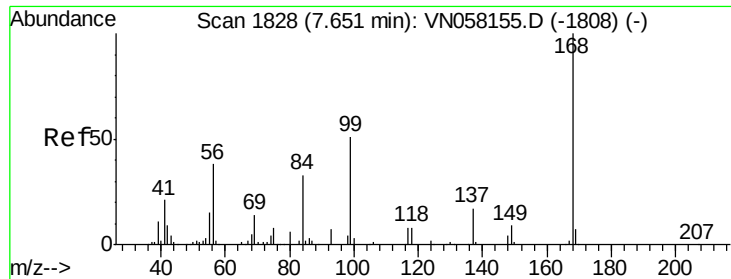
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091919\
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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: VN058195.D

Acq: 19 Sep 2019 11:18

Instrument :

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ClientSampleId :

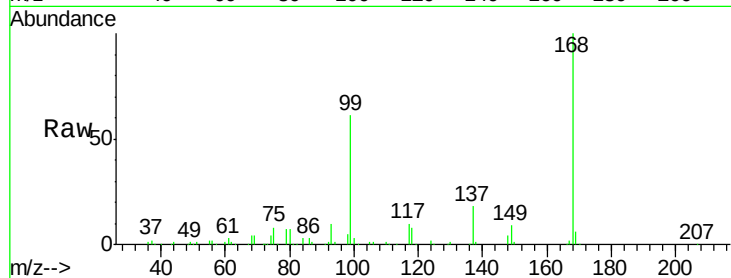
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 542610

Ion Ratio Lower Upper

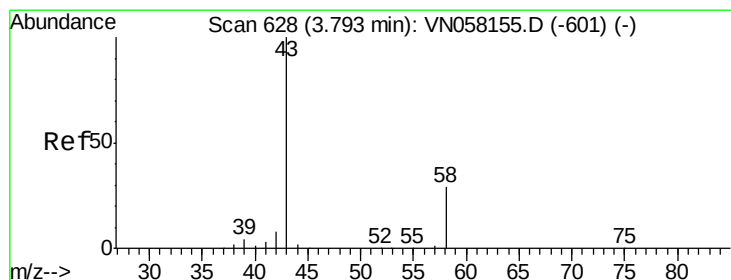
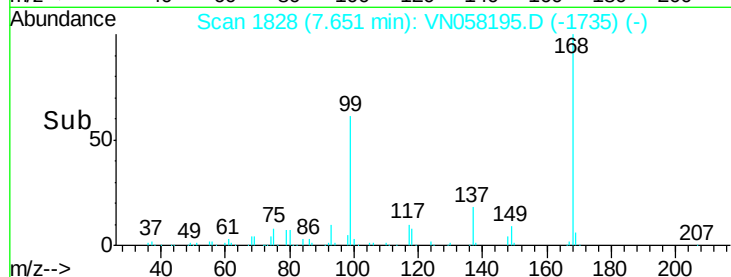
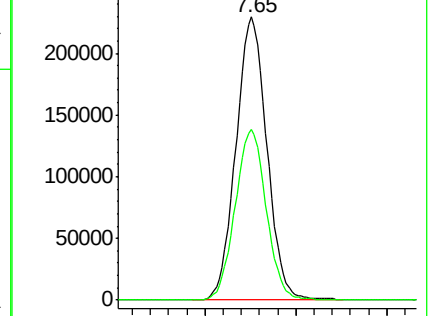
168 100

99 60.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.124 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058195.D

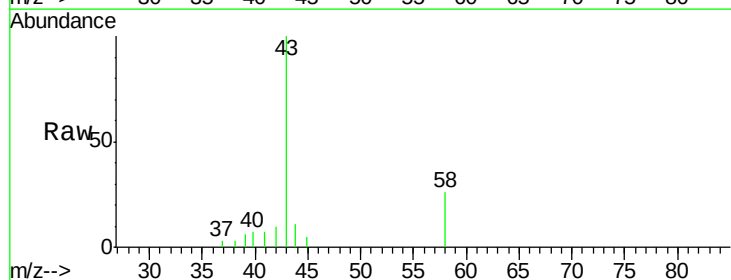
Acq: 19 Sep 2019 11:18

Tgt Ion: 43 Resp: 15711

Ion Ratio Lower Upper

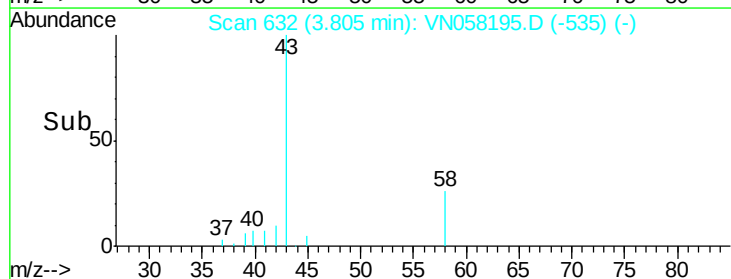
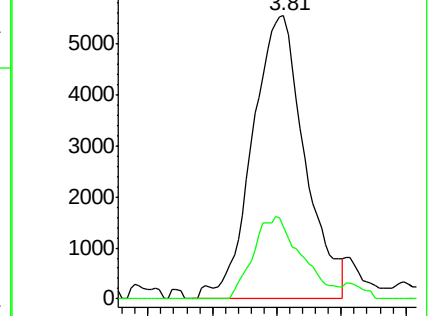
43 100

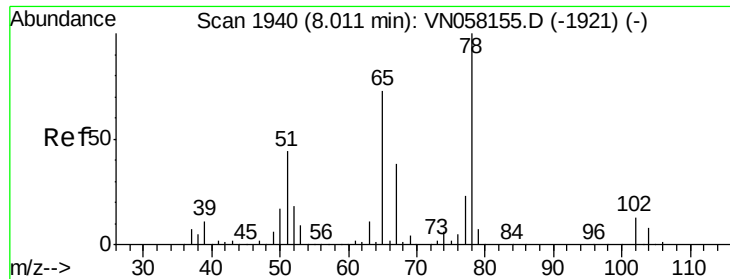
58 25.6 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

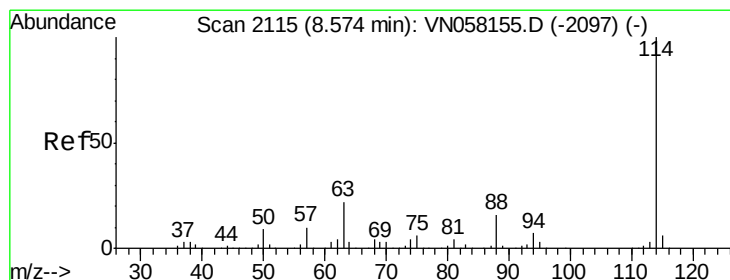
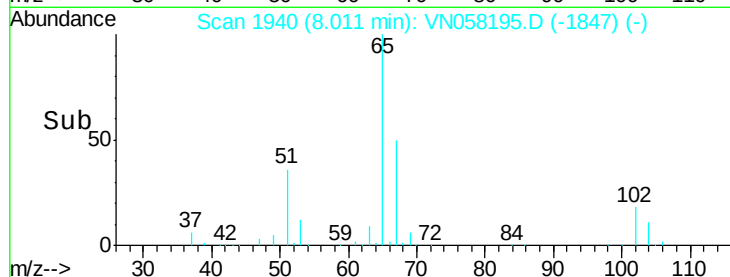
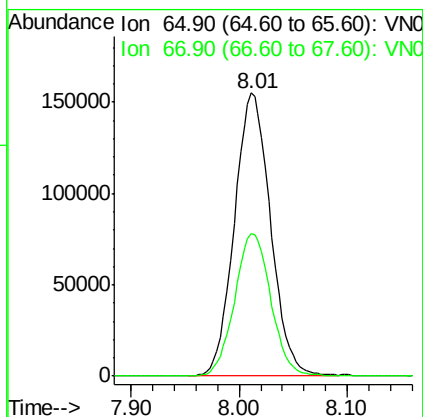
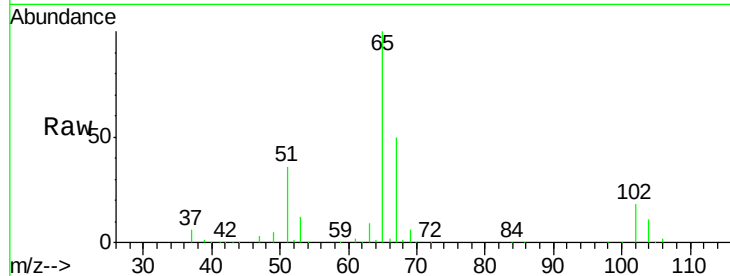




#33
 1,2-Dichloroethane-d4
 Concen: 47.892 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058195.D
 Acq: 19 Sep 2019 11:18

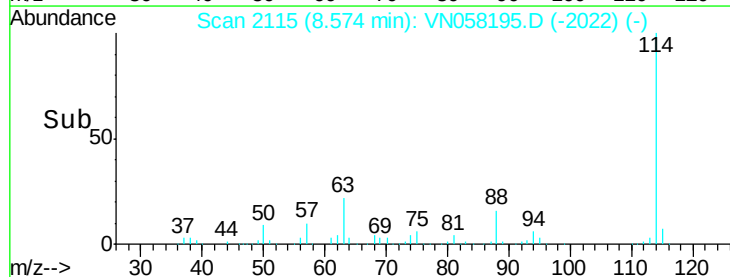
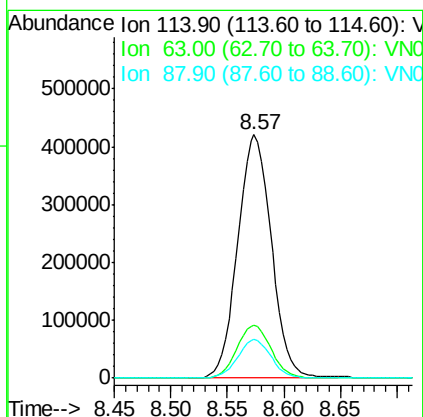
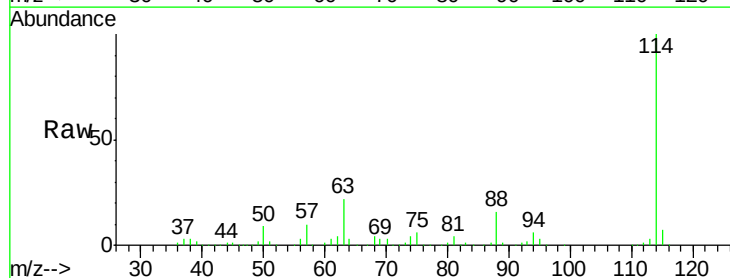
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

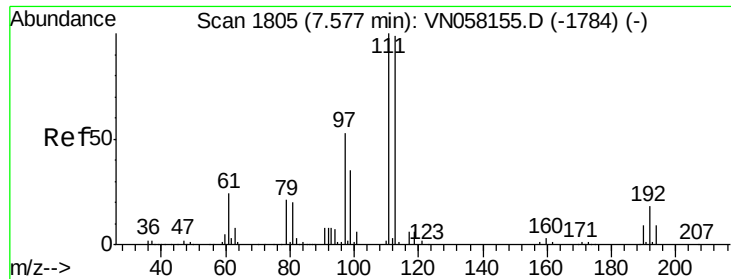
Tot Ion: 65 Resp: 361944
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058195.D
 Acq: 19 Sep 2019 11:18

Tgt Ion: 114 Resp: 875437
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.2
 88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.005 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058195.D

Acq: 19 Sep 2019 11:18

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

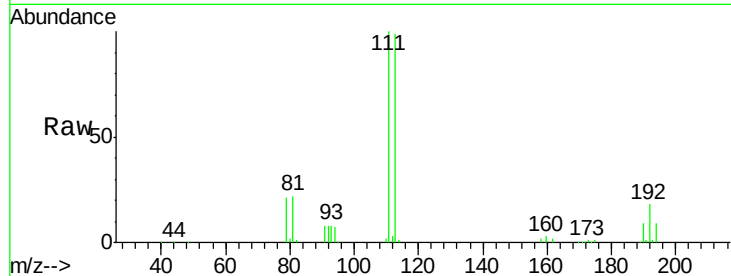
Tot Ion:113 Resp: 250156

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.6

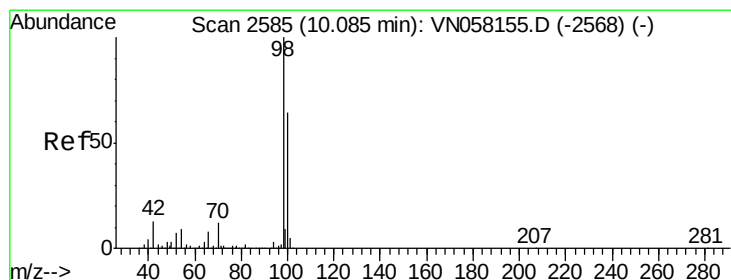
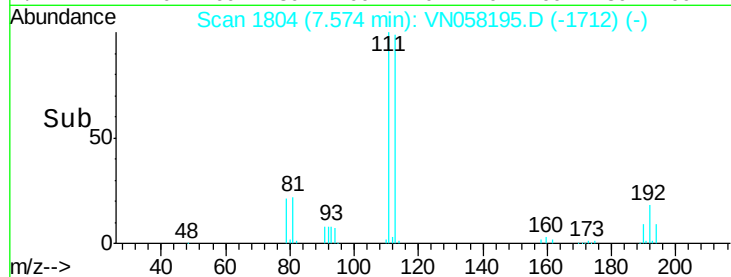
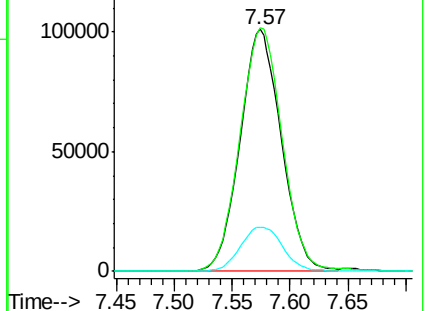
192 19.0 14.5 21.7



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: 49.709 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058195.D

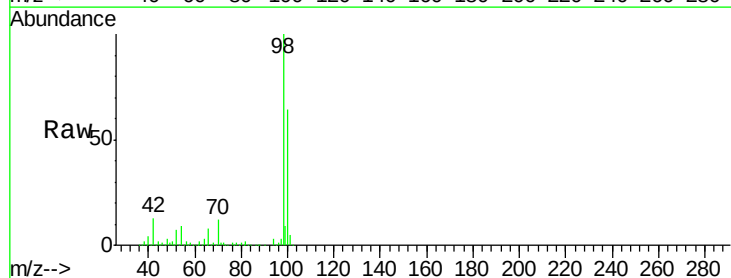
Acq: 19 Sep 2019 11:18

Tgt Ion: 98 Resp: 1030728

Ion Ratio Lower Upper

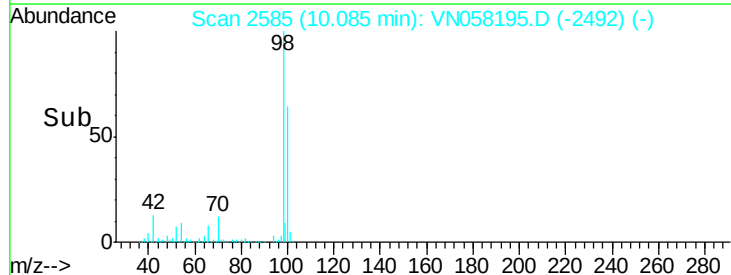
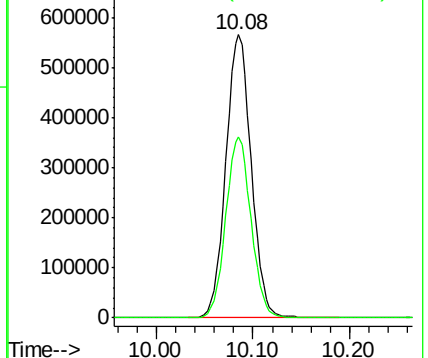
98 100

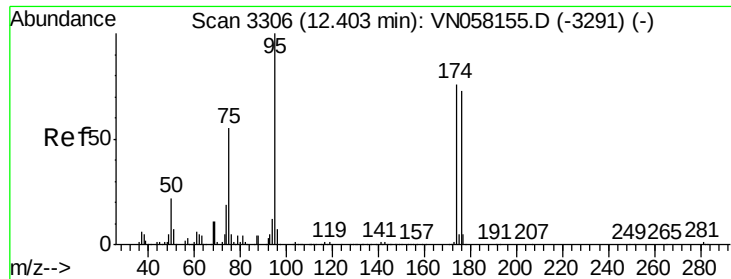
100 63.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.088 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058195.D

Acq: 19 Sep 2019 11:18

Instrument :

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ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

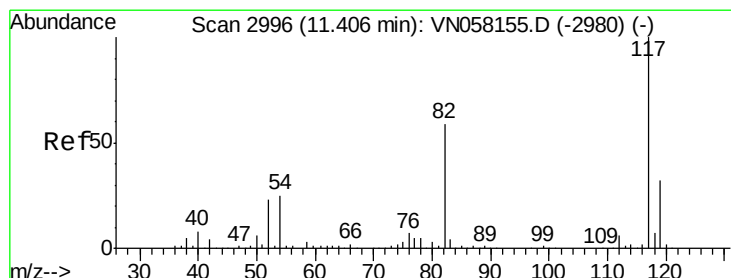
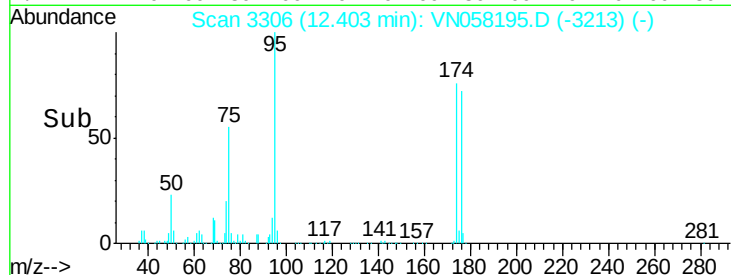
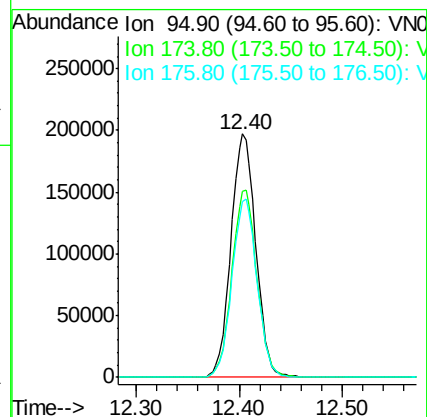
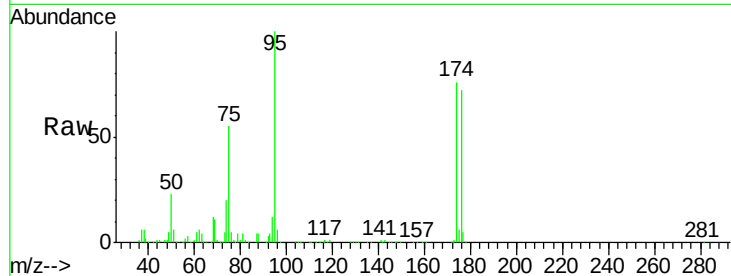
Tot Ion: 95 Resp: 331878

Ion Ratio Lower Upper

95 100

174 77.2 0.0 152.2

176 73.6 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: VN058195.D

Acq: 19 Sep 2019 11:18

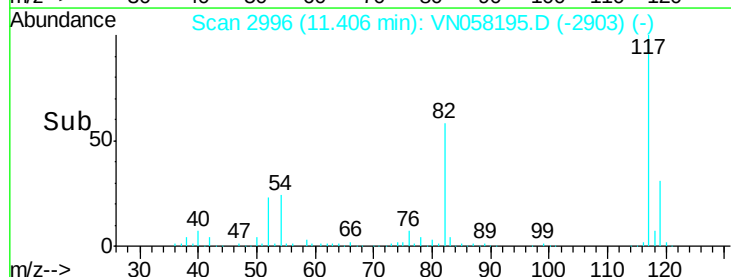
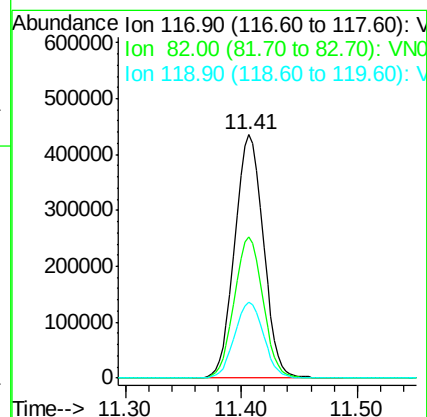
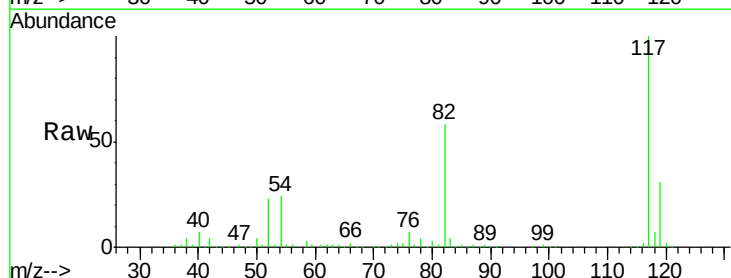
Tgt Ion: 117 Resp: 744767

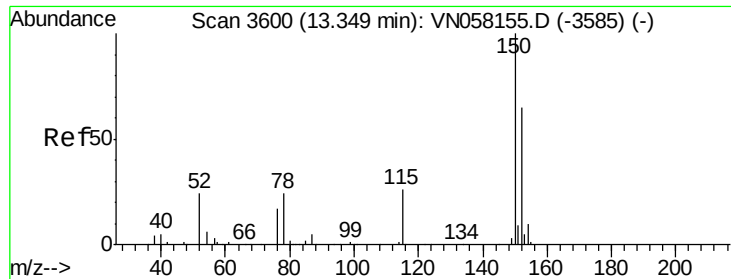
Ion Ratio Lower Upper

117 100

82 58.3 46.9 70.3

119 31.4 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: VN058195.D

Acq: 19 Sep 2019 11:18

Instrument :

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ClientSampleId :

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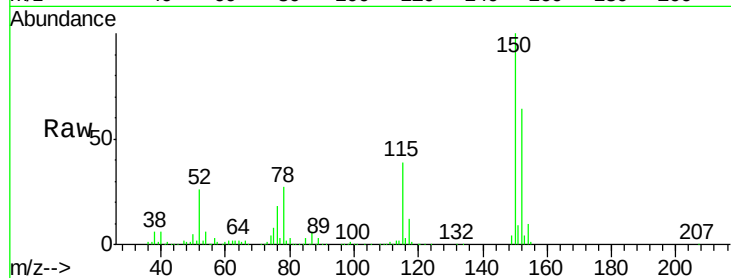
Tot Ion:152 Resp: 305436

Ion Ratio Lower Upper

152 100

115 61.3 30.1 90.3

150 157.9 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

