

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055559.D
 Acq On : 10 May 2019 18:14
 Operator : JC/SP
 Sample : K2770-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM

Quant Time: May 11 02:04:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

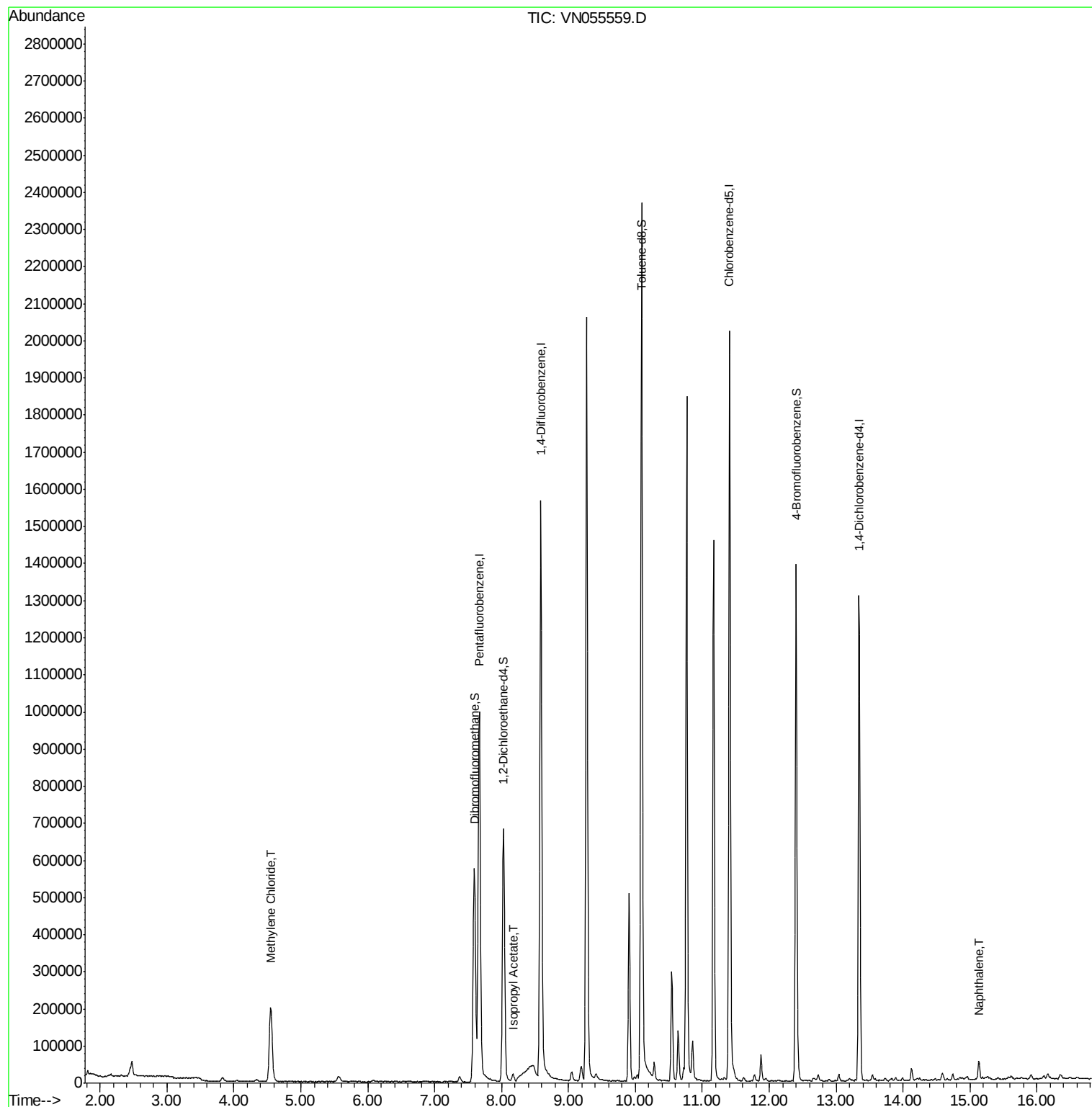
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	839615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1409424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1201852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	364598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	585032	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
35) Dibromofluoromethane	7.59	113	451914	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	10.09	98	1757568	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.40	95	508999	42.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.22%	
Target Compounds						
20) Methylene Chloride	4.55	84	148714	12.424	ug/l	99
43) Isopropyl Acetate	8.17	43	24270	1.055	ug/l	96
95) Naphthalene	15.13	128	46646	5.825	ug/l	99

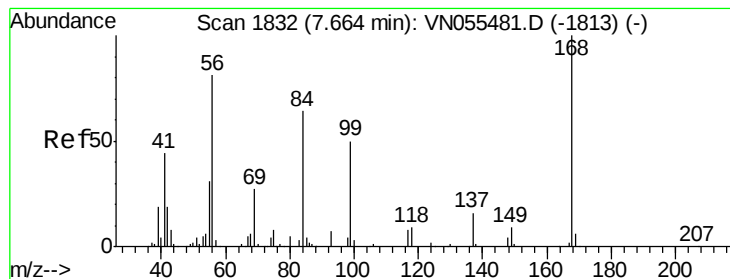
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051019\
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Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

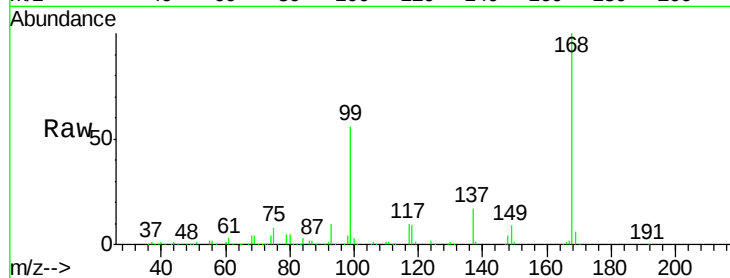
SOIL-DRUM

Tot Ion:168 Resp: 839615

Ion Ratio Lower Upper

168 100

99 56.2 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

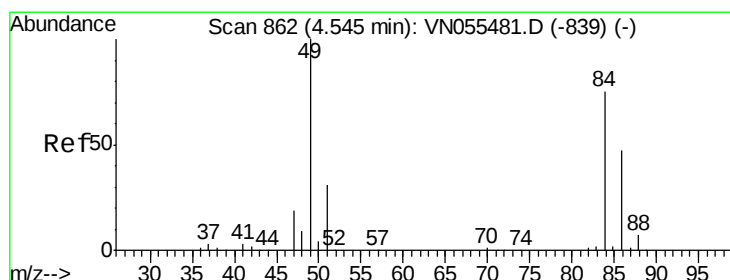
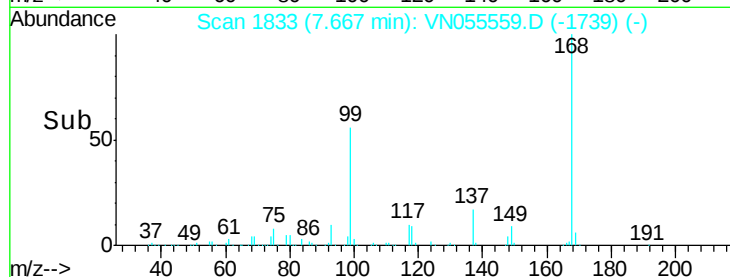
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 12.424 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Tgt Ion: 84 Resp: 148714

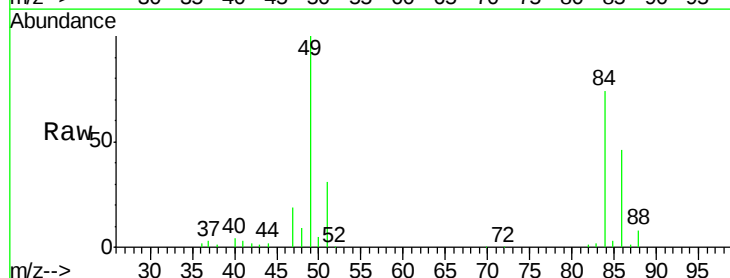
Ion Ratio Lower Upper

84 100

49 134.6 107.0 160.6

51 41.5 33.0 49.4

86 62.4 50.6 76.0



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

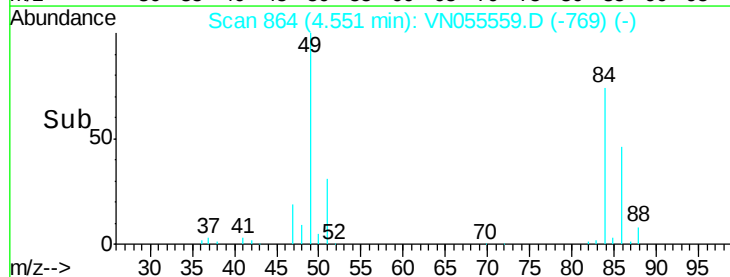
60000

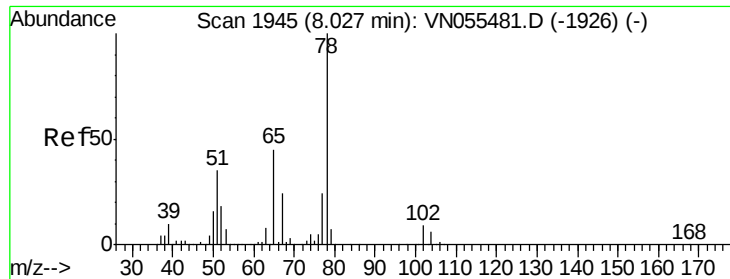
40000

20000

0

Time-->

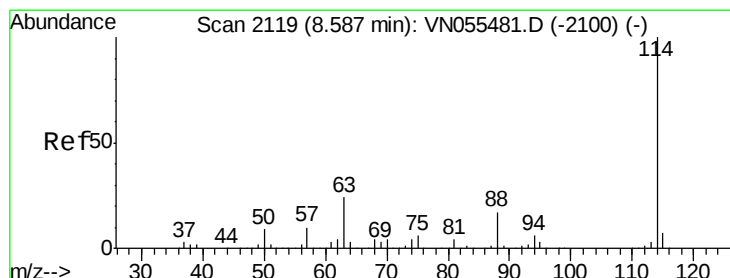
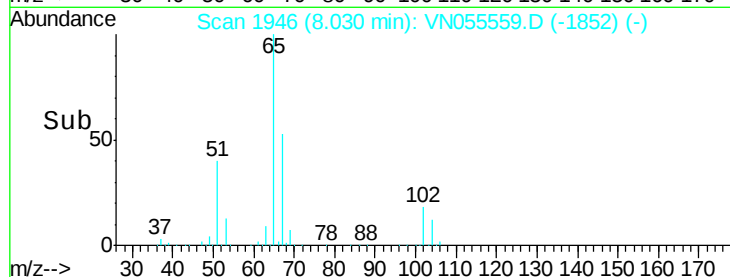
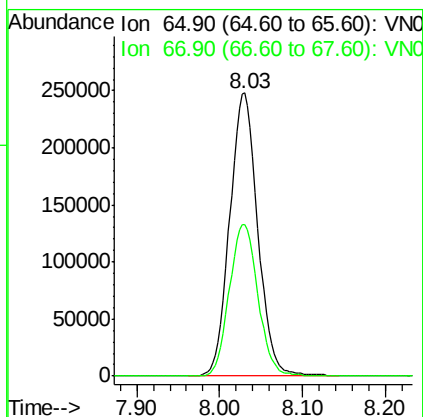
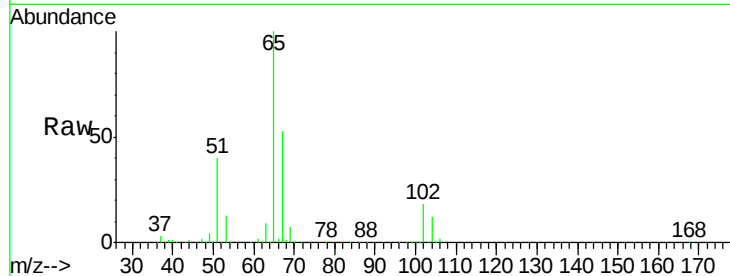




#33
 1,2-Dichloroethane-d4
 Concen: 46.278 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055559.D
 Acq: 10 May 2019 18:14

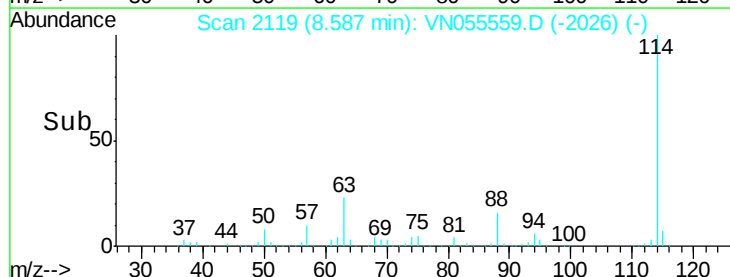
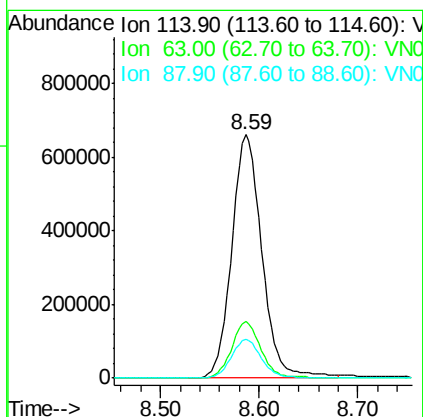
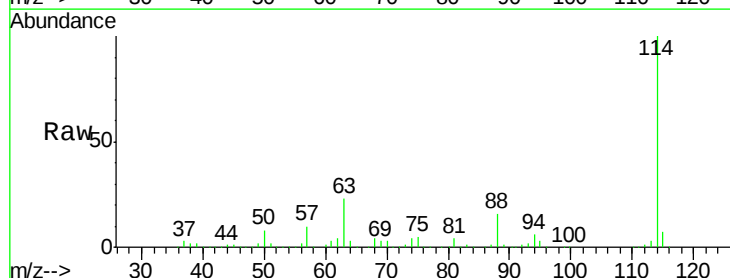
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-DRUM

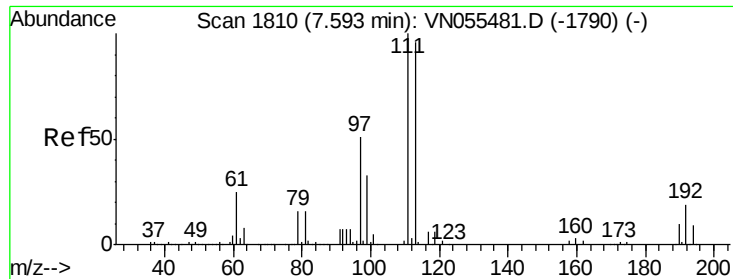
Tot Ion: 65 Resp: 585032
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055559.D
 Acq: 10 May 2019 18:14

Tgt Ion: 114 Resp: 1409424
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.4
 88 16.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.705 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM

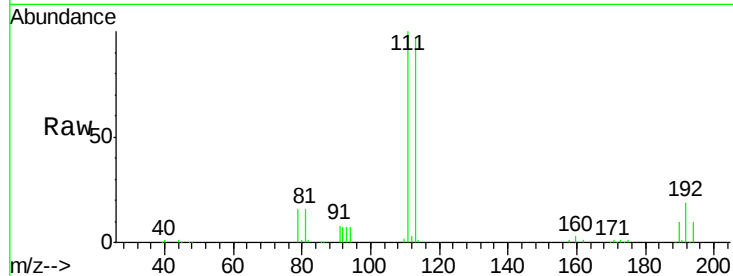
Tot Ion:113 Resp: 451914

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

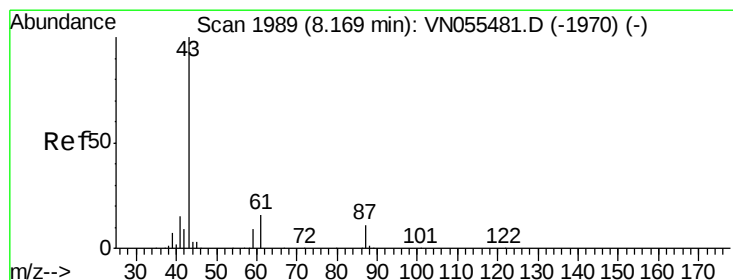
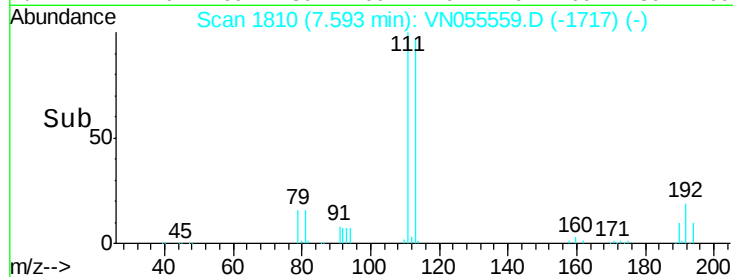
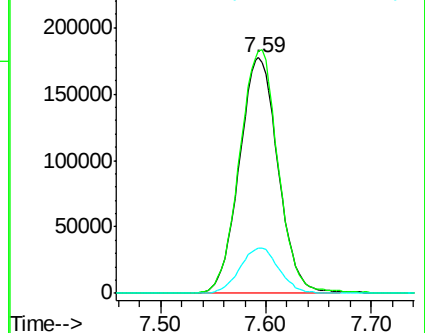
192 19.4 15.6 23.4



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



#43

Isopropyl Acetate

Concen: 1.055 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

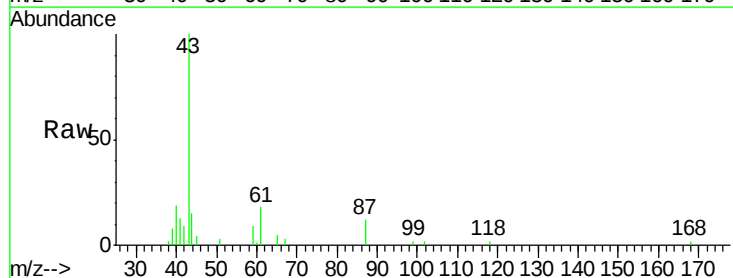
Tgt Ion: 43 Resp: 24270

Ion Ratio Lower Upper

43 100

61 21.0 15.1 22.7

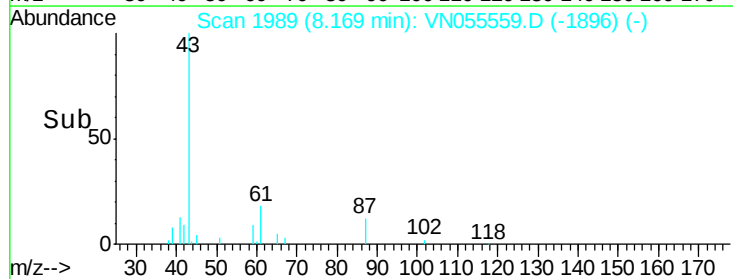
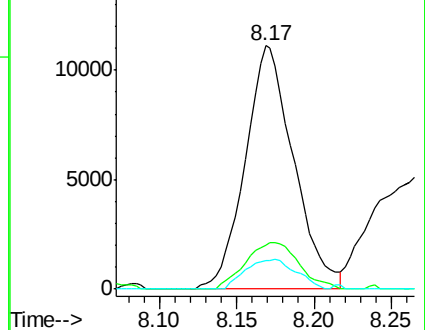
87 12.7 9.0 13.6

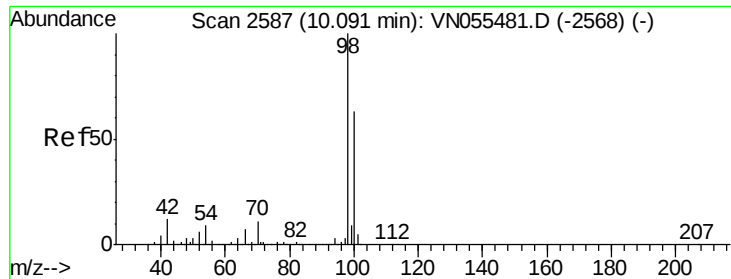


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.606 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampled :

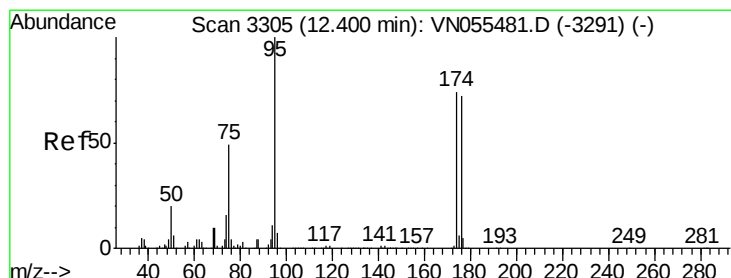
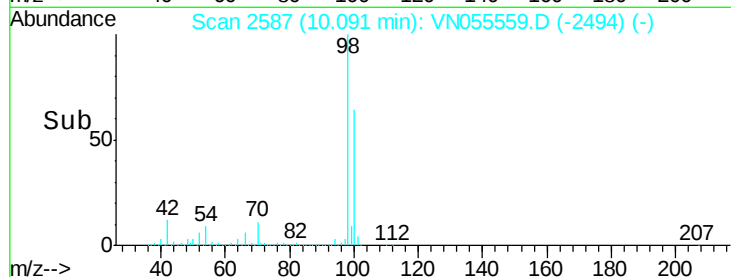
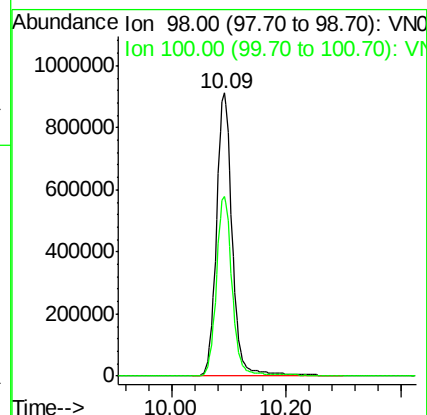
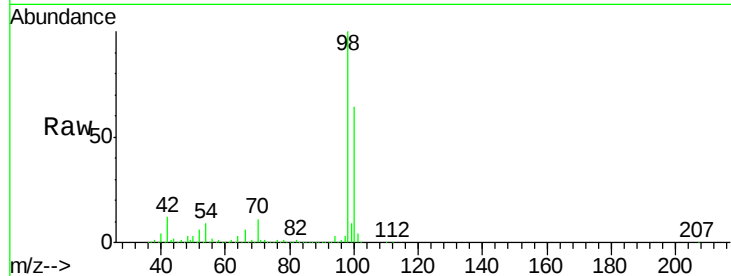
SOIL-DRUM

Tot Ion: 98 Resp: 1757568

Ion Ratio Lower Upper

98 100

100 62.4 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 42.606 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

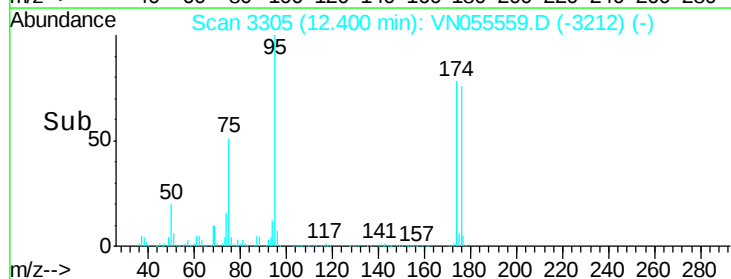
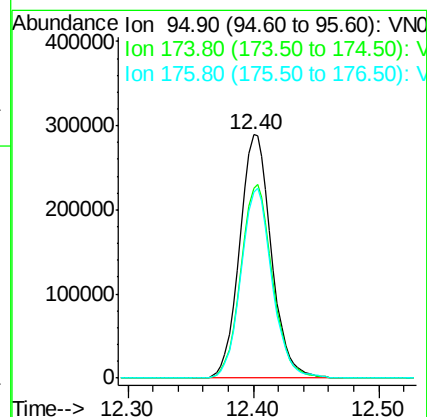
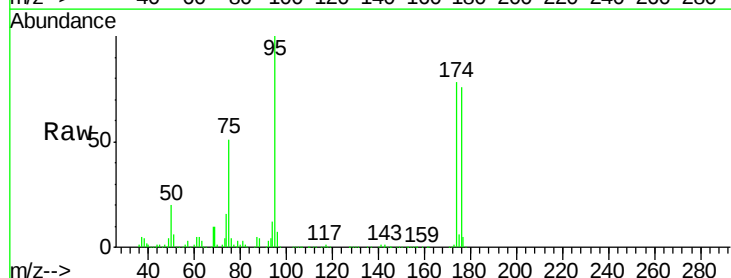
Tgt Ion: 95 Resp: 508999

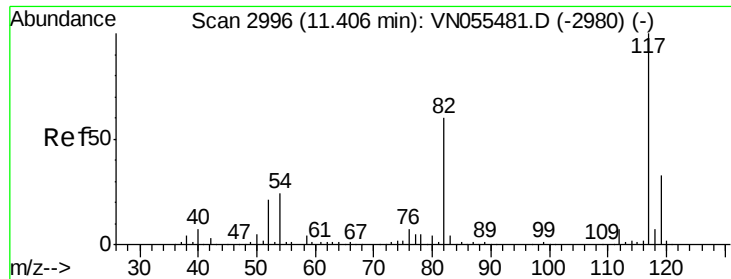
Ion Ratio Lower Upper

95 100

174 79.2 0.0 152.2

176 76.5 0.0 147.8

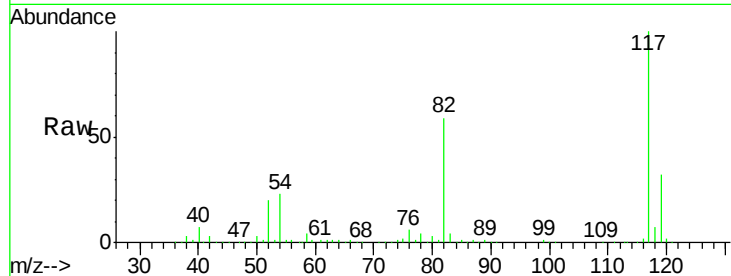




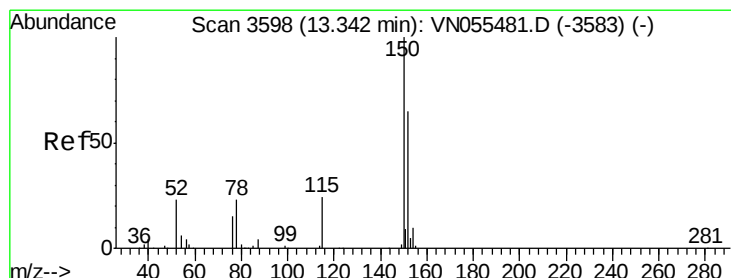
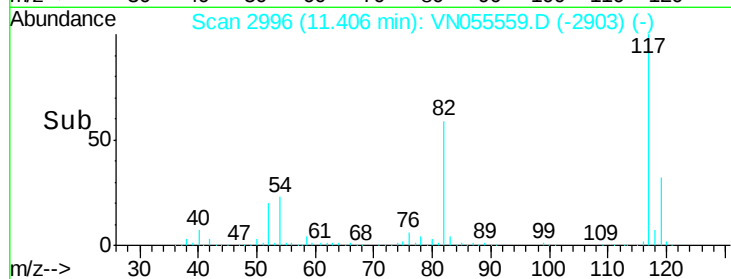
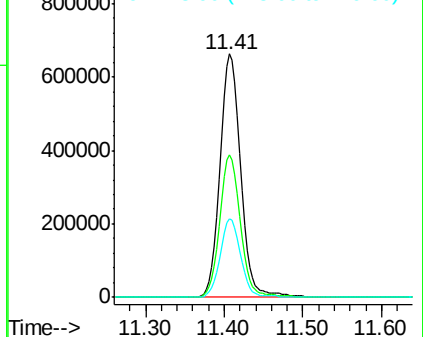
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055559.D
Acq: 10 May 2019 18:14

Instrument :
MSVOA_N
ClientSampled :
SOIL-DRUM

Tot Ion:117 Resp: 1201852
Ion Ratio Lower Upper
117 100
82 58.7 48.0 72.0
119 32.5 26.0 39.0

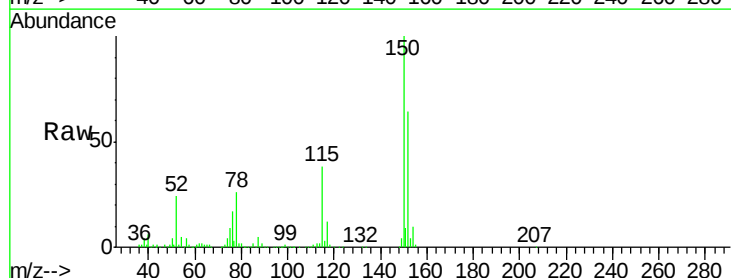


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

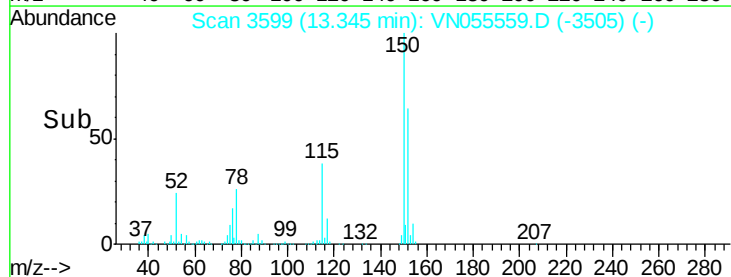
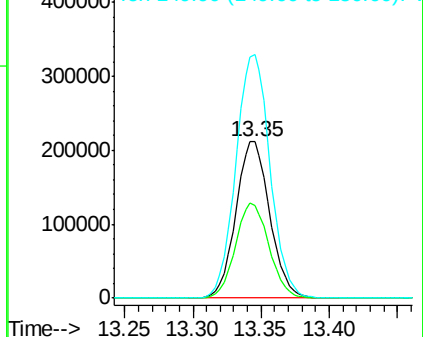


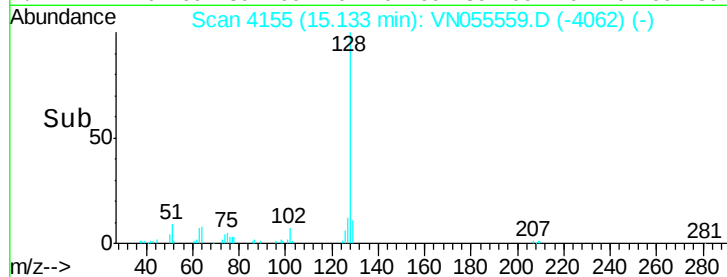
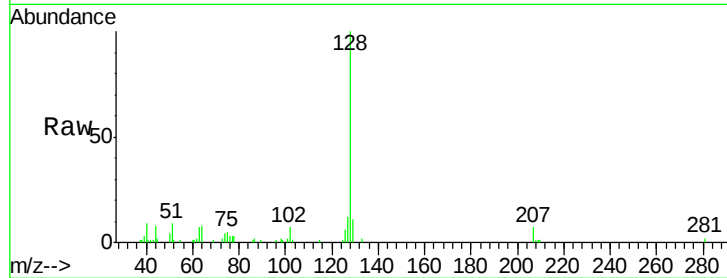
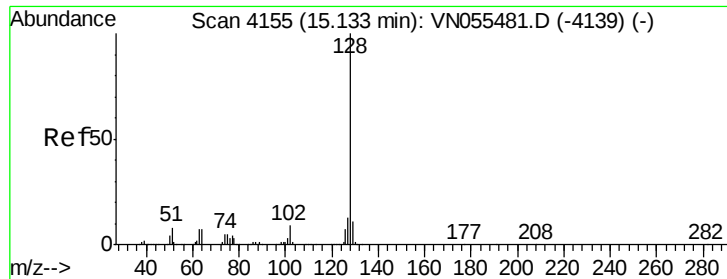
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055559.D
Acq: 10 May 2019 18:14

Tgt Ion:152 Resp: 364598
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.5
150 157.2 0.0 355.0



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





#95

Naphthalene

Concen: 5.825 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM

Tot Ion:128 Resp: 46646

Ion Ratio Lower Upper

128 100

127 11.7 10.0 15.0

129 10.7 8.8 13.2

