

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061026.D
 Acq On : 16 Apr 2020 20:51
 Operator : JC/MD
 Sample : L2298-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Apr 17 06:14:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

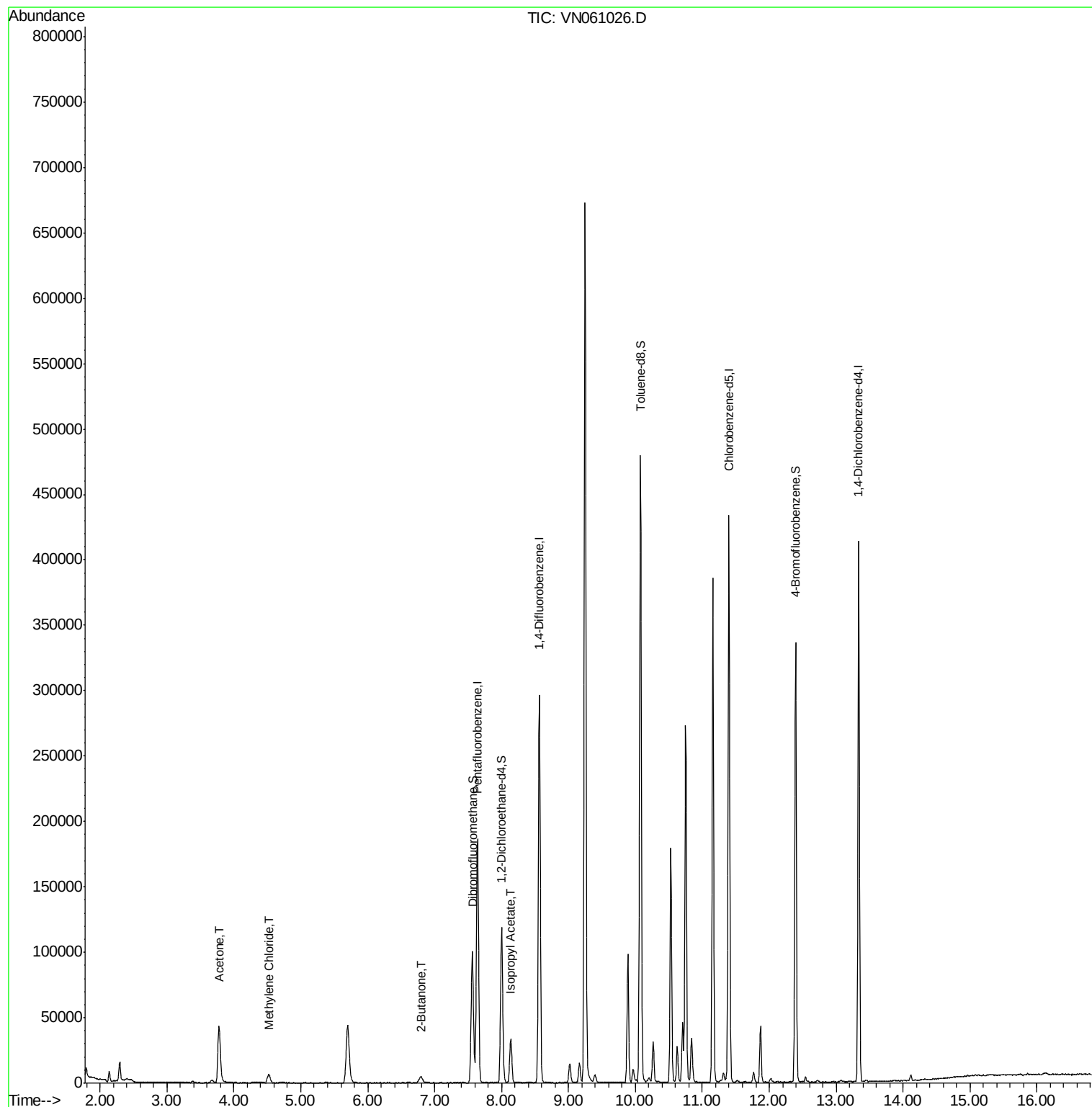
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	150481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	257726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	242273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101633	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
35) Dibromofluoromethane	7.56	113	76389	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	10.08	98	323126	56.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.62%	
62) 4-Bromofluorobenzene	12.39	95	118242	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
Target Compounds						
16) Acetone	3.78	43	75849	89.505	ug/l	99
20) Methylene Chloride	4.52	84	5197	2.809	ug/l	90
25) 2-Butanone	6.80	43	9016	6.943	ug/l	96
43) Isopropyl Acetate	8.14	43	41101	8.751	ug/l #	91

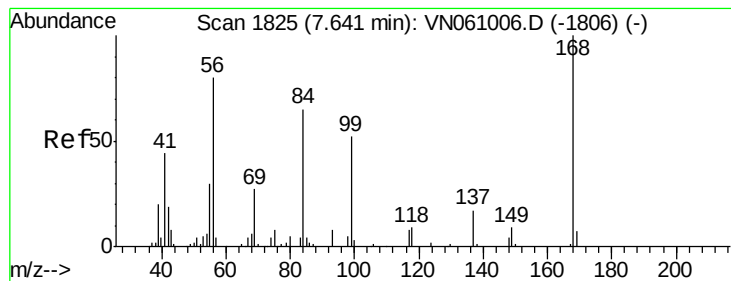
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061026.D

Acq: 16 Apr 2020 20:51

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MSVOA_N

ClientSampleId :

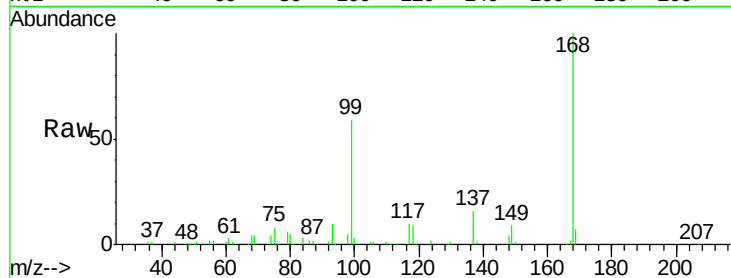
SOIL-CUTTINGS

Tot Ion:168 Resp: 150481

Ion Ratio Lower Upper

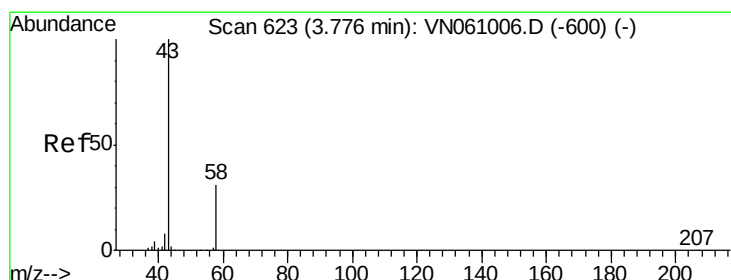
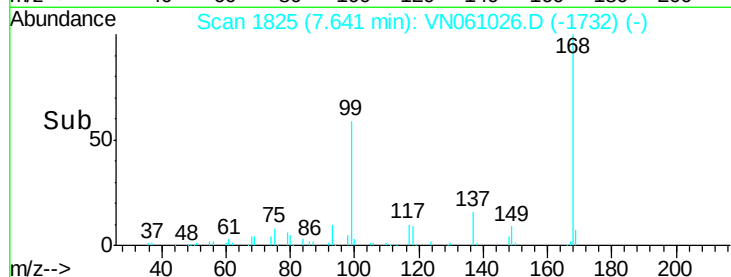
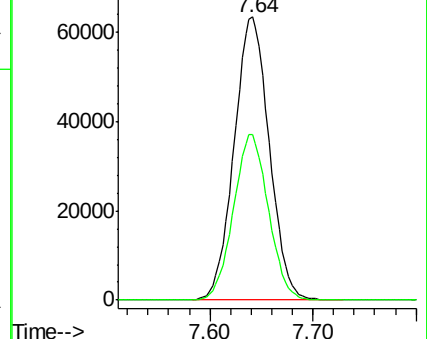
168 100

99 58.6 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: 89.505 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN061026.D

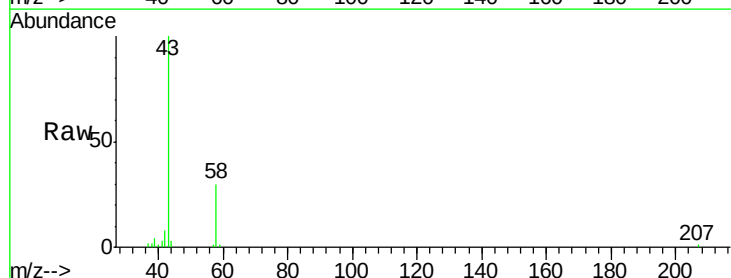
Acq: 16 Apr 2020 20:51

Tgt Ion: 43 Resp: 75849

Ion Ratio Lower Upper

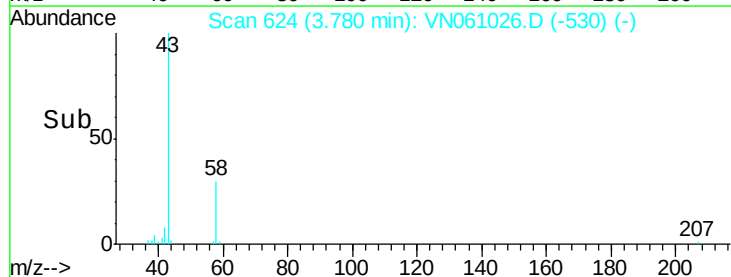
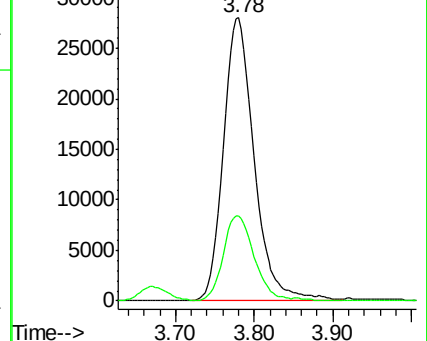
43 100

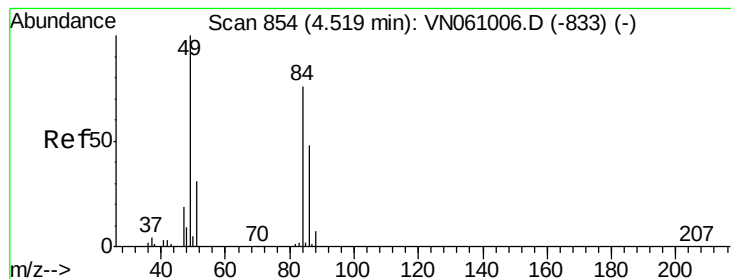
58 30.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methvlene Chloride

Concen: 2.809 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN061026.D

Acq: 16 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

SOIL-CUTTINGS

Tot Ion: 84 Resp: 5197

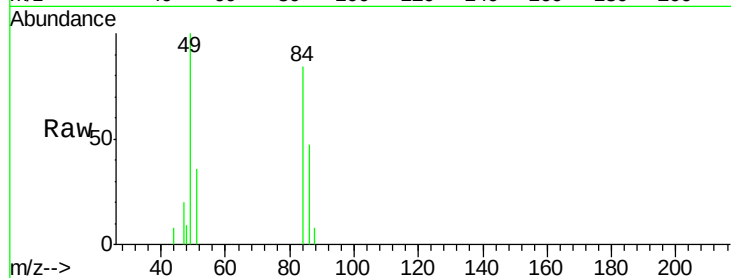
Ion Ratio Lower Upper

84 100

49 118.7 105.8 158.6

51 42.5 32.4 48.6

86 56.2 51.1 76.7

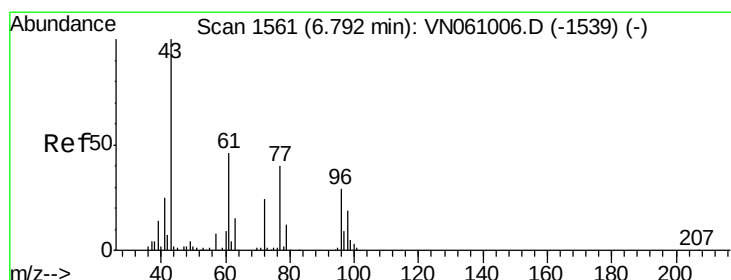
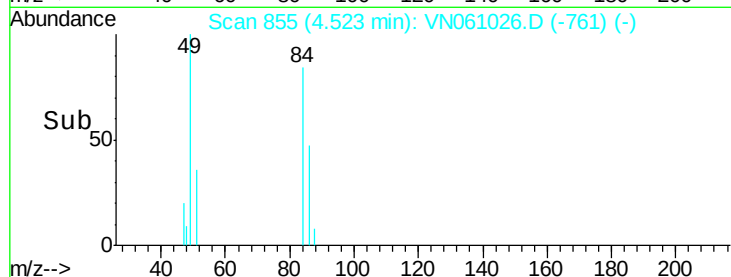
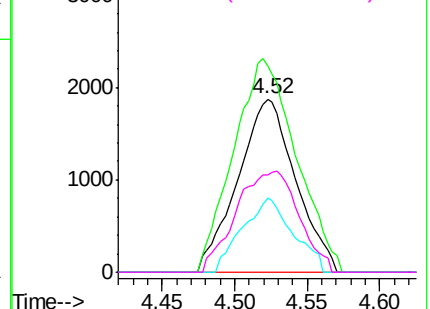


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 6.943 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN061026.D

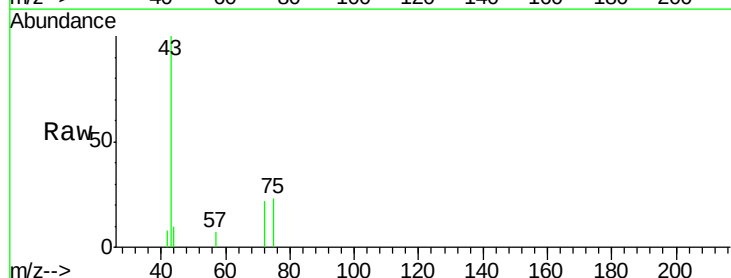
Acq: 16 Apr 2020 20:51

Tgt Ion: 43 Resp: 9016

Ion Ratio Lower Upper

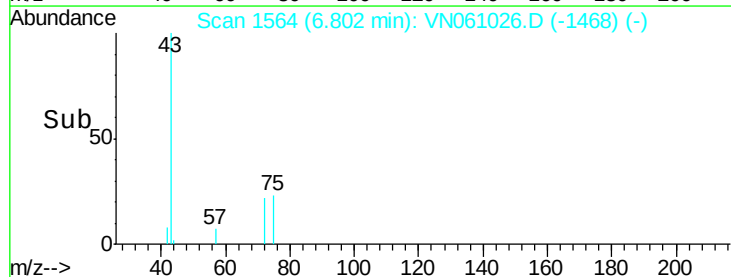
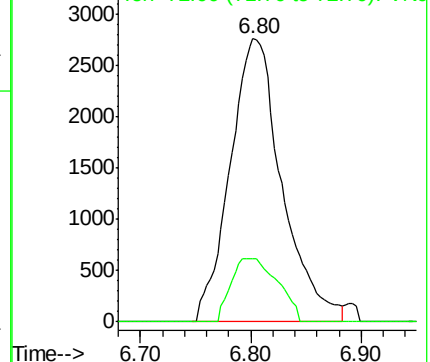
43 100

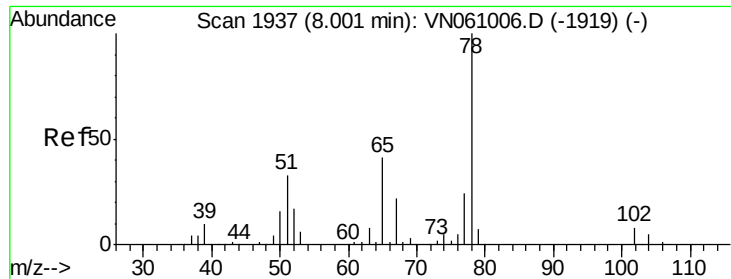
72 22.4 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

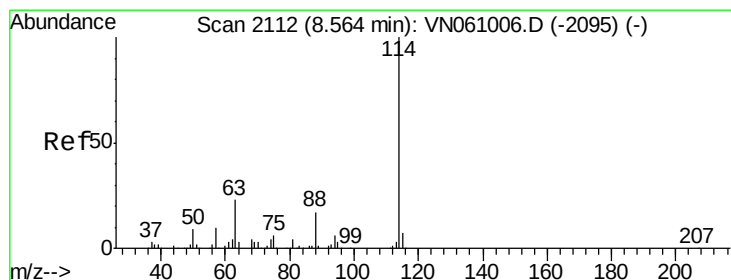
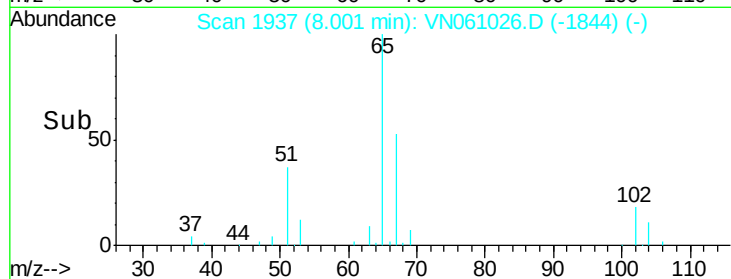
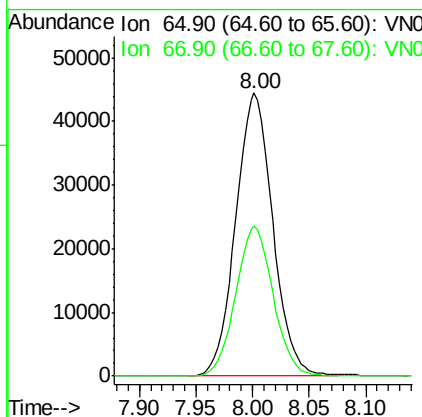
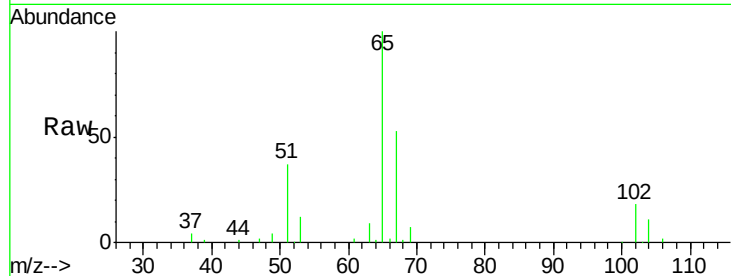




#33
 1,2-Dichloroethane-d4
 Concen: 52.788 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061026.D
 Acq: 16 Apr 2020 20:51

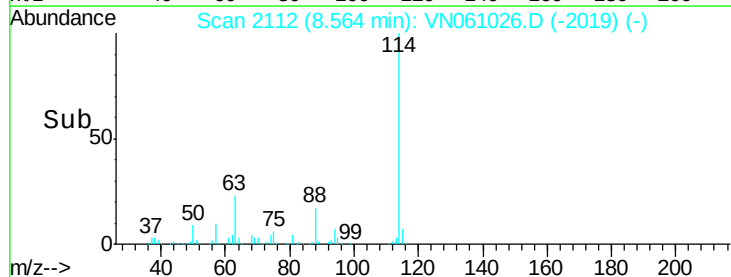
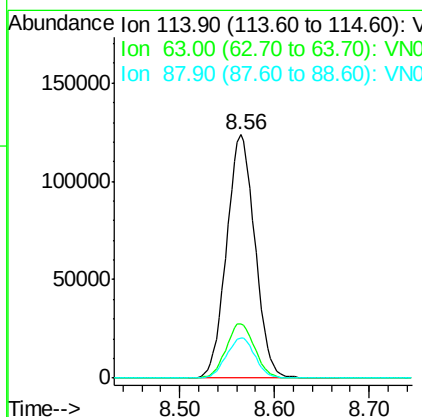
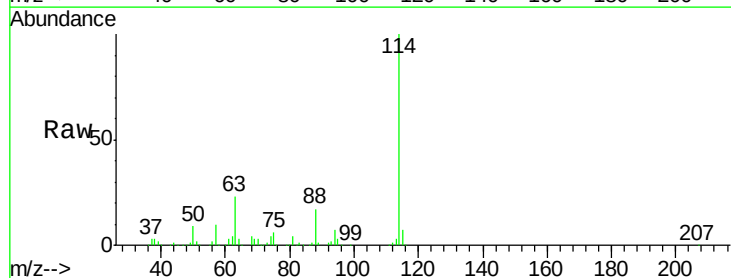
Instrument :
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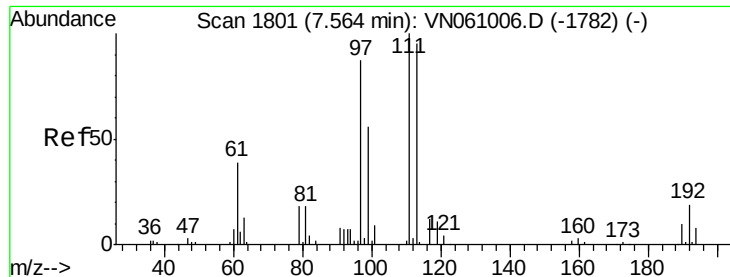
Tot Ion: 65 Resp: 101633
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061026.D
 Acq: 16 Apr 2020 20:51

Tgt Ion: 114 Resp: 257726
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 46.2
 88 16.5 0.0 33.4

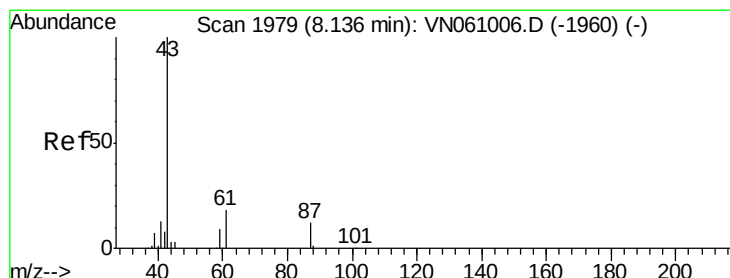
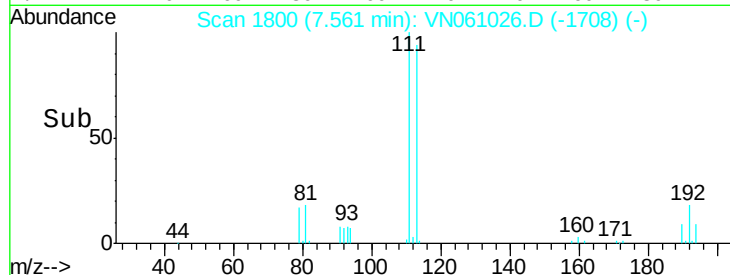
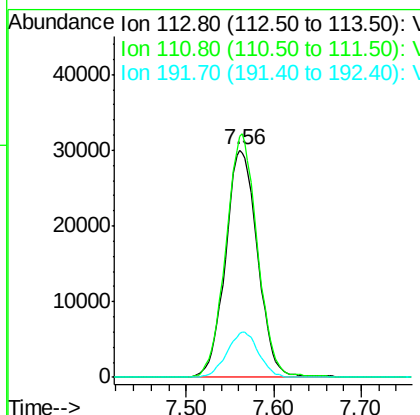
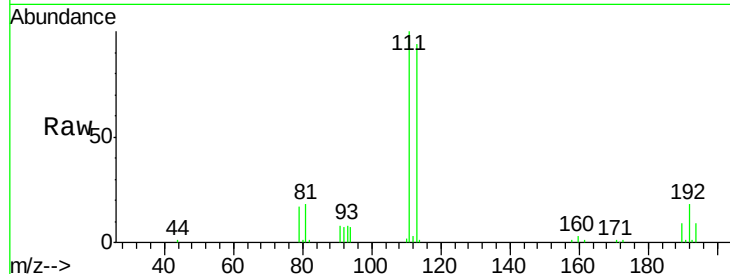




#35
 Dibromofluoromethane
 Concen: 50.754 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN061026.D
 Acq: 16 Apr 2020 20:51

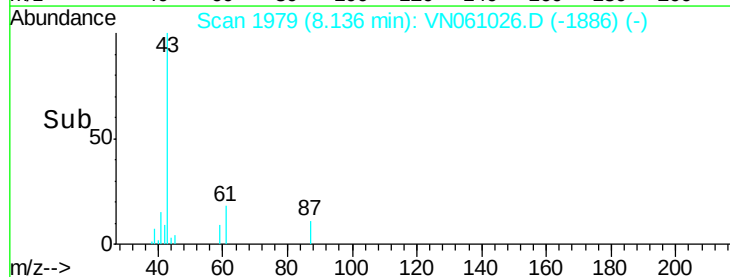
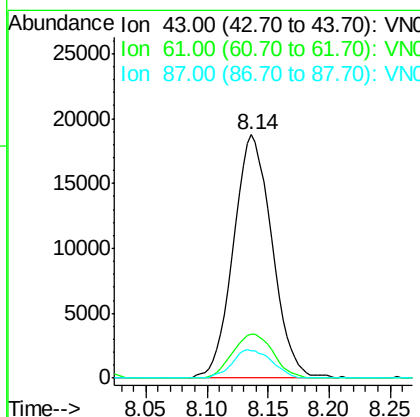
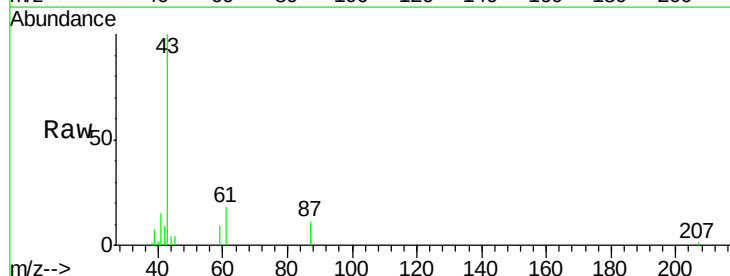
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-CUTTINGS

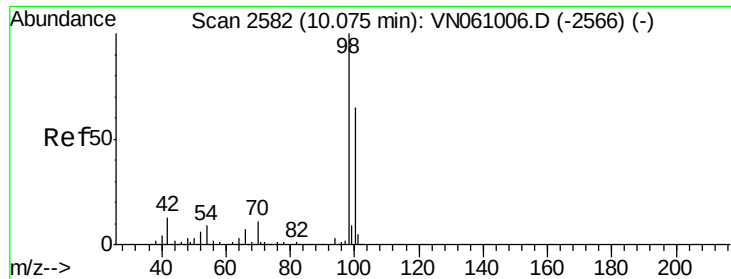
Tot Ion:113 Resp: 76389
 Ion Ratio Lower Upper
 113 100
 111 105.1 83.4 125.2
 192 19.6 15.5 23.3



#43
 Isopropyl Acetate
 Concen: 8.751 ug/l
 RT: 8.14 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VN061026.D
 Acq: 16 Apr 2020 20:51

Tgt Ion: 43 Resp: 41101
 Ion Ratio Lower Upper
 43 100
 61 19.1 20.3 30.5#
 87 11.8 9.4 14.2





#50

Toluene-d8

Concen: 56.814 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061026.D

Acq: 16 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

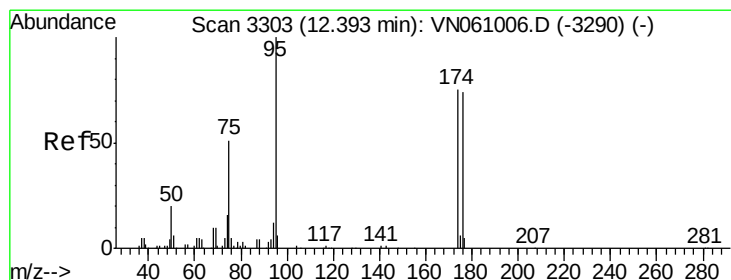
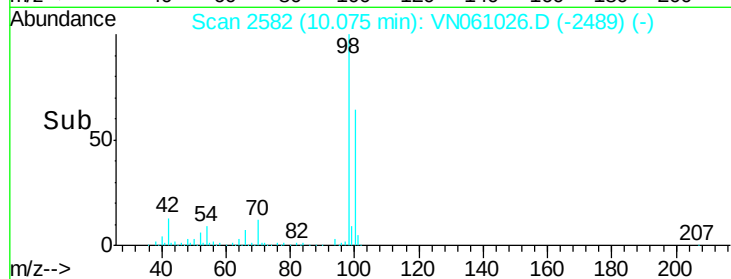
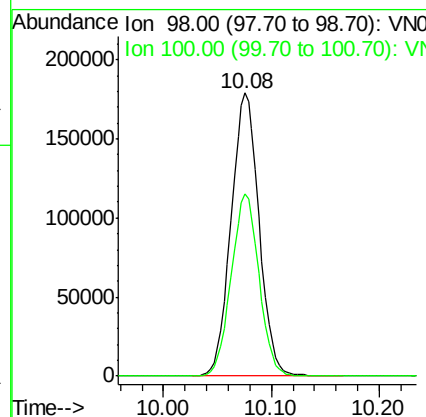
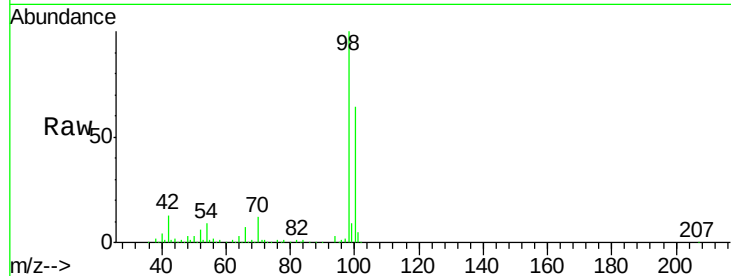
SOIL-CUTTINGS

Tot Ion: 98 Resp: 323126

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.045 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061026.D

Acq: 16 Apr 2020 20:51

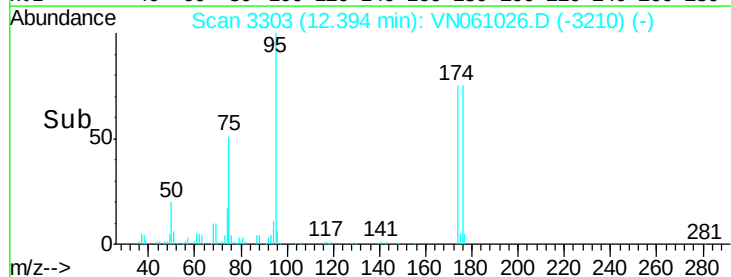
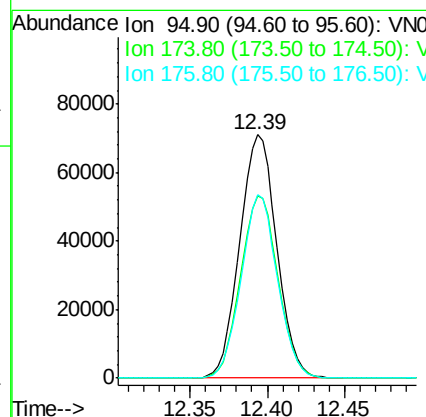
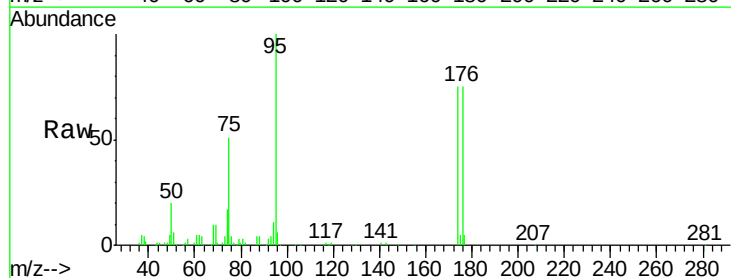
Tgt Ion: 95 Resp: 118242

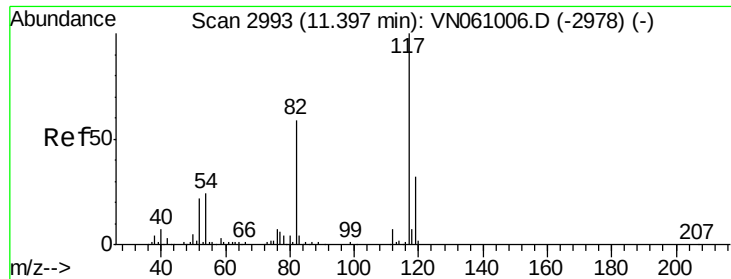
Ion Ratio Lower Upper

95 100

174 75.7 0.0 151.2

176 74.0 0.0 148.2

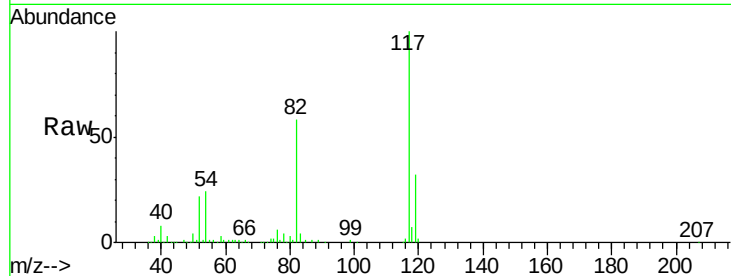




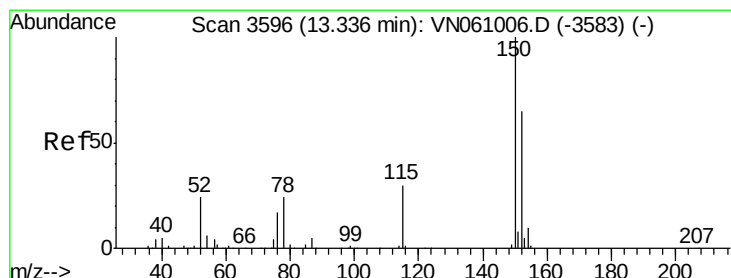
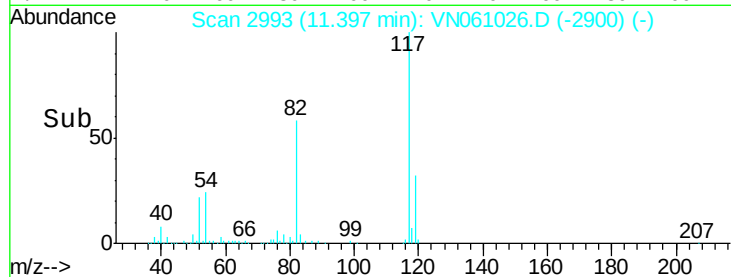
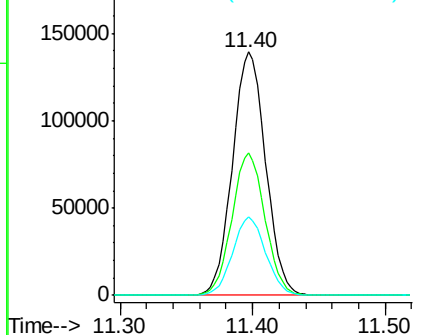
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061026.D
Acq: 16 Apr 2020 20:51

Instrument :
MSVOA_N
ClientSampleId :
SOIL-CUTTINGS

Tot Ion:117 Resp: 242273
Ion Ratio Lower Upper
117 100
82 58.3 47.1 70.7
119 32.0 25.7 38.5

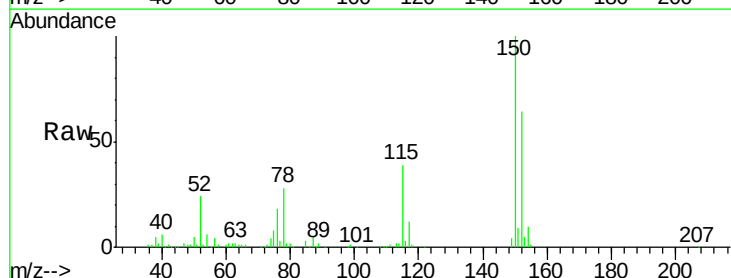


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VN061026.D
Acq: 16 Apr 2020 20:51

Tgt Ion:152 Resp: 105790
Ion Ratio Lower Upper
152 100
115 60.2 30.8 92.4
150 156.2 0.0 349.0



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

