

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056465.D
 Acq On : 24 Jun 2019 18:54
 Operator : JC/SP
 Sample : K3475-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOILS-3

Quant Time: Jun 25 02:33:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

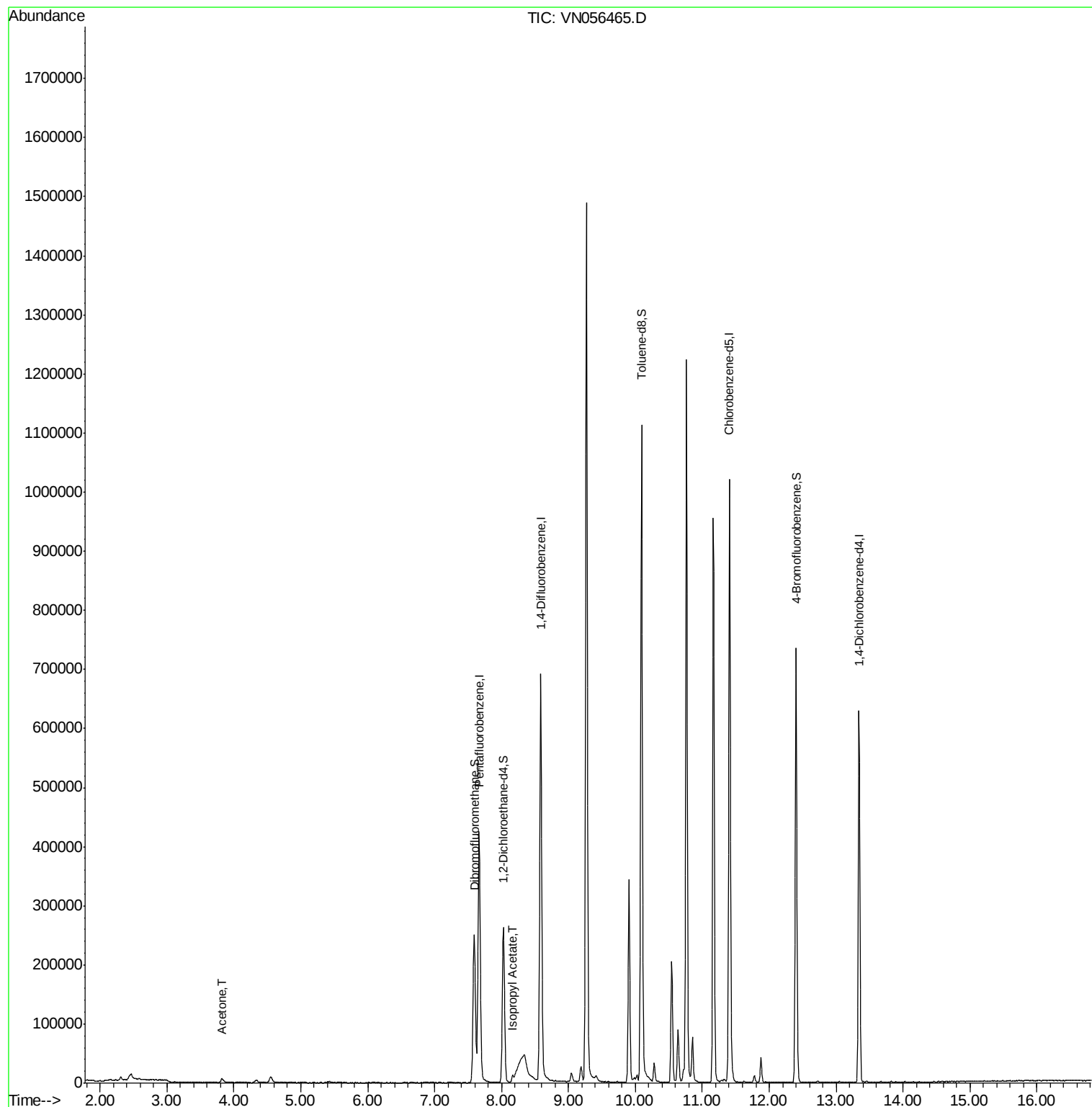
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	394159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	670683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	656131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187552	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	222798	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
35) Dibromofluoromethane	7.59	113	192241	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
50) Toluene-d8	10.09	98	832970	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.40	95	267096	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
Target Compounds						
16) Acetone	3.82	43	12284	5.613	ug/l	98
43) Isopropyl Acetate	8.17	43	14406	1.610	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056465.D

Acq: 24 Jun 2019 18:54

Instrument :

MSVOA_N

ClientSampleId :

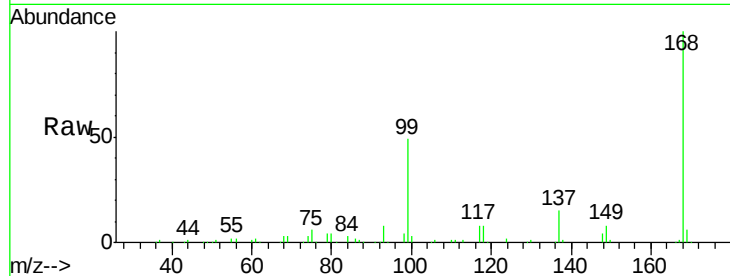
SOILS-3

Tot Ion:168 Resp: 394159

Ion Ratio Lower Upper

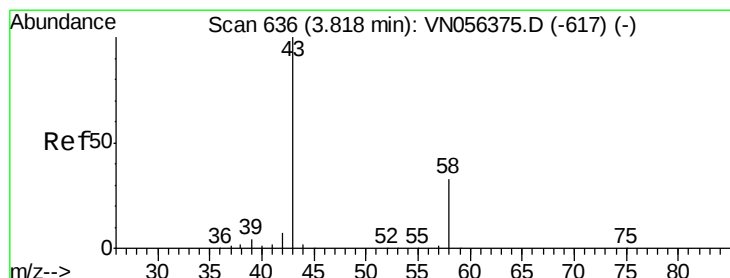
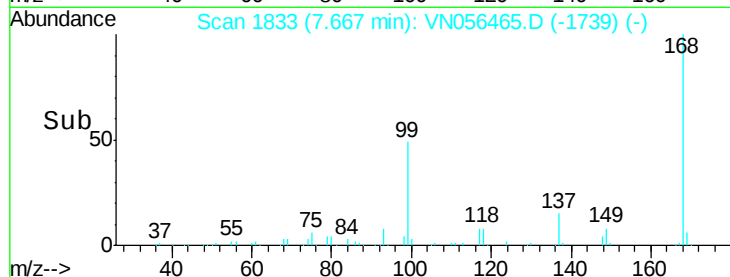
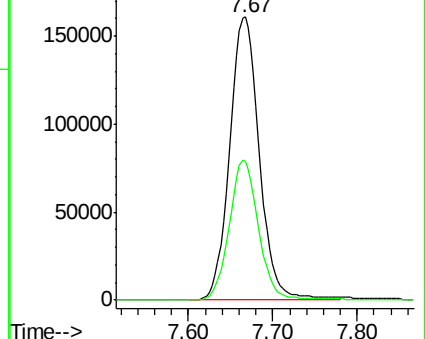
168 100

99 49.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.613 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056465.D

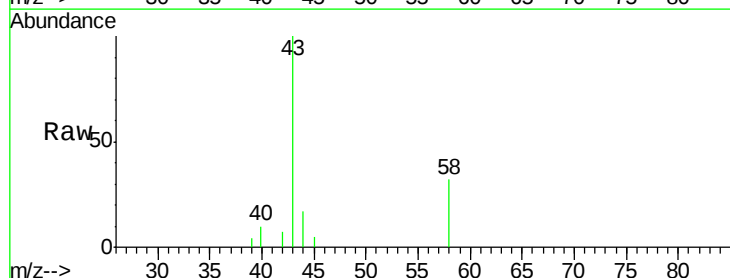
Acq: 24 Jun 2019 18:54

Tgt Ion: 43 Resp: 12284

Ion Ratio Lower Upper

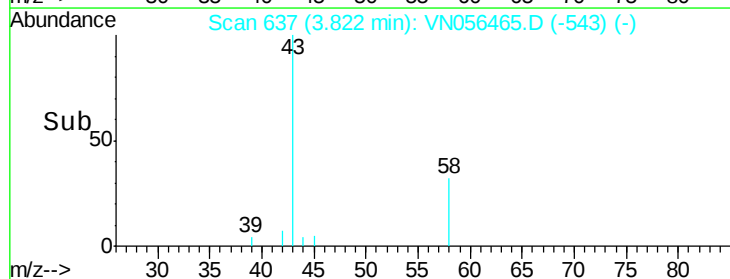
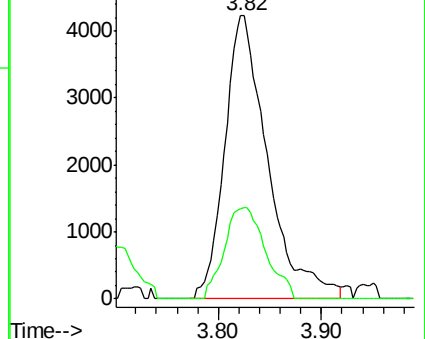
43 100

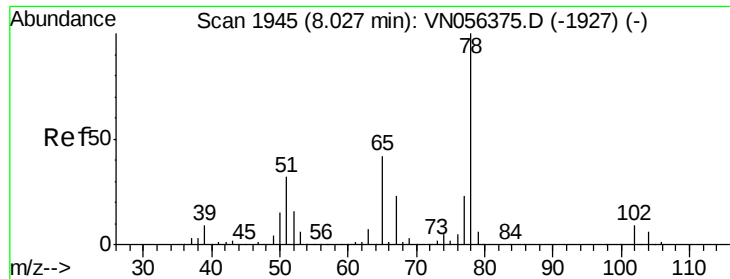
58 31.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

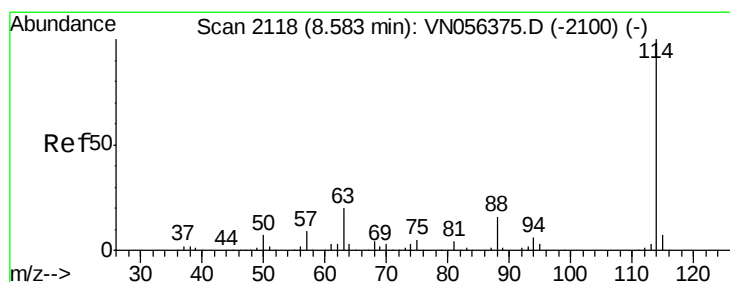
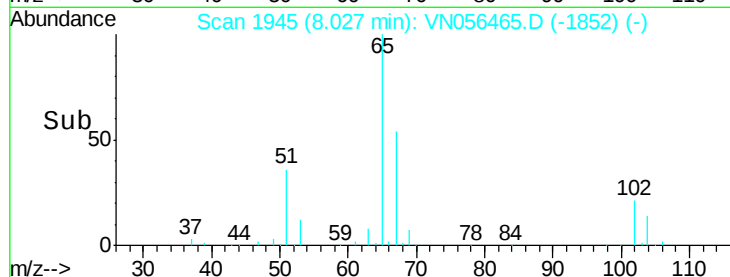
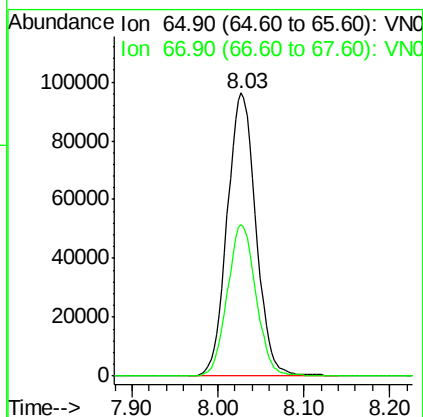
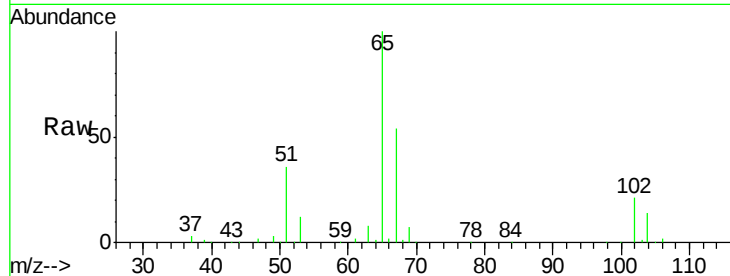




#33
 1,2-Dichloroethane-d4
 Concen: 51.001 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056465.D
 Acq: 24 Jun 2019 18:54

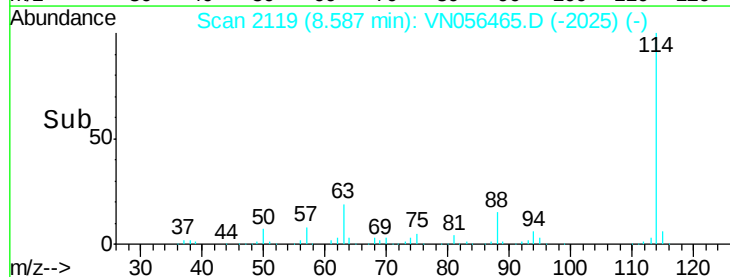
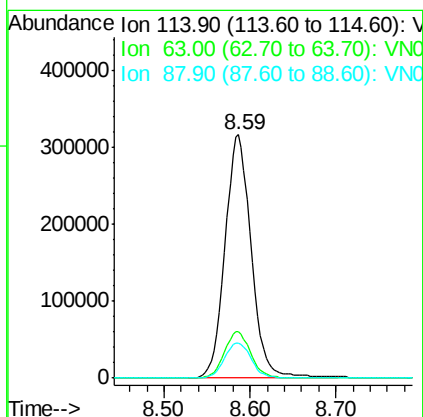
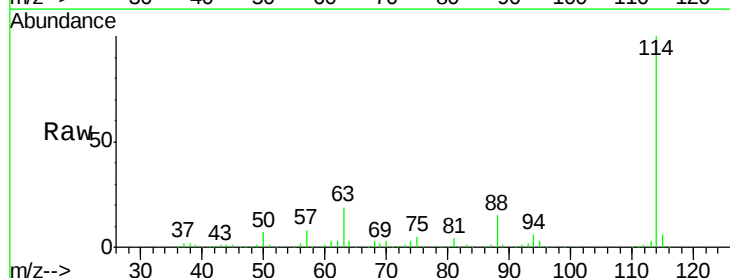
Instrument :
 MSVOA_N
 ClientSampled :
 SOILS-3

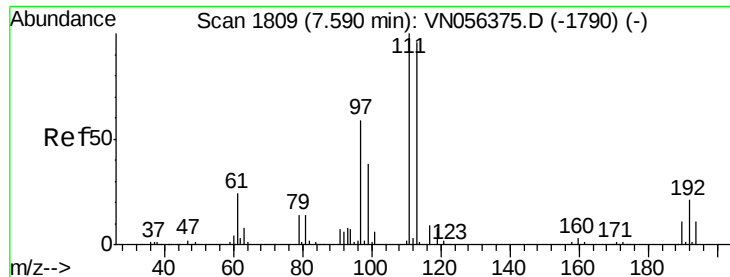
Tot Ion: 65 Resp: 222798
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056465.D
 Acq: 24 Jun 2019 18:54

Tgt Ion: 114 Resp: 670683
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 14.6 0.0 31.4

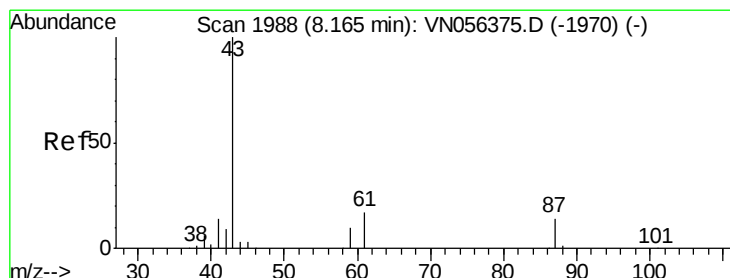
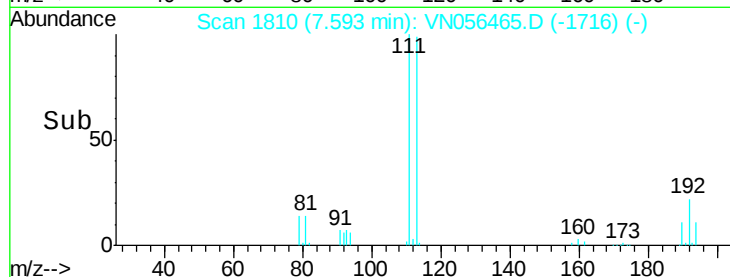
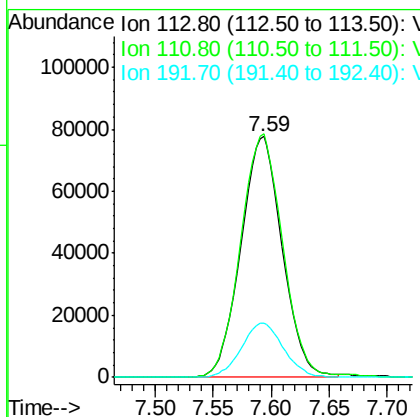
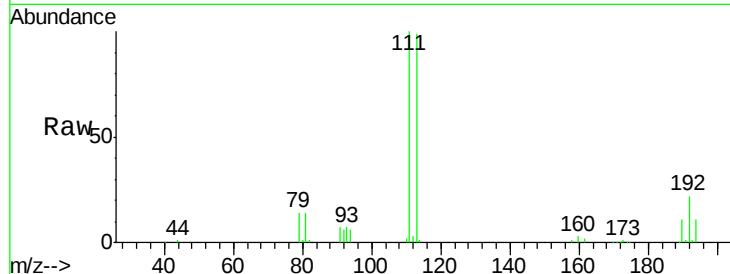




#35
 Dibromofluoromethane
 Concen: 45.947 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056465.D
 Acq: 24 Jun 2019 18:54

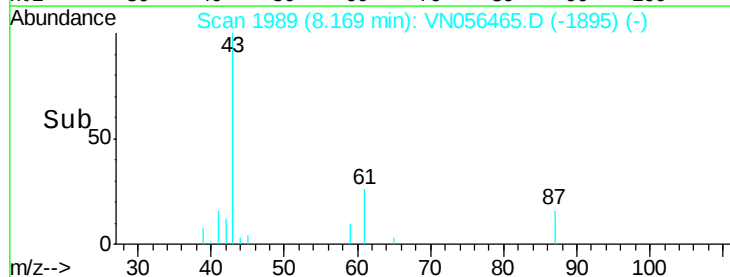
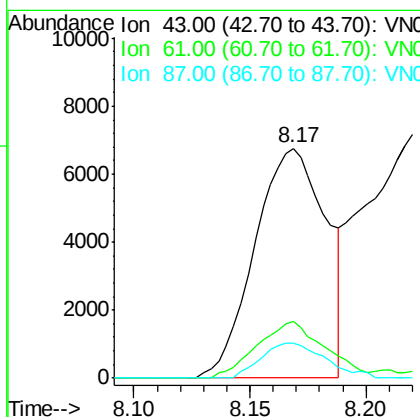
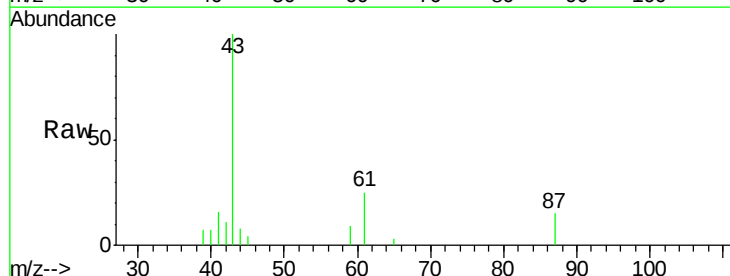
Instrument :
 MSVOA_N
 ClientSampleId :
 SOILS-3

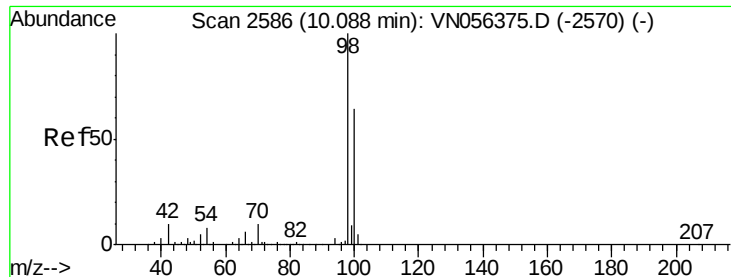
Tot Ion:113 Resp: 192241
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.9 124.3
 192 22.9 17.7 26.5



#43
 Isopropyl Acetate
 Concen: 1.610 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN056465.D
 Acq: 24 Jun 2019 18:54

Tgt Ion: 43 Resp: 14406
 Ion Ratio Lower Upper
 43 100
 61 23.4 22.0 33.0
 87 13.8 11.0 16.4





#50

Toluene-d8

Concen: 51.165 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056465.D

Acq: 24 Jun 2019 18:54

Instrument :

MSVOA_N

ClientSampleId :

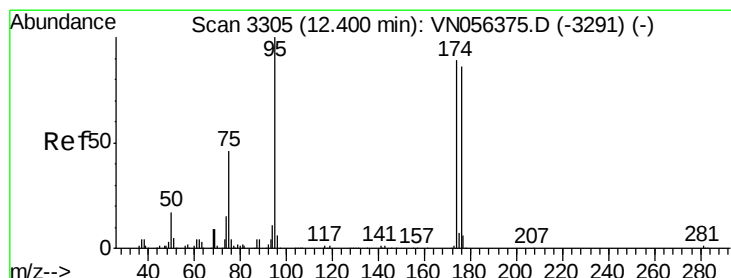
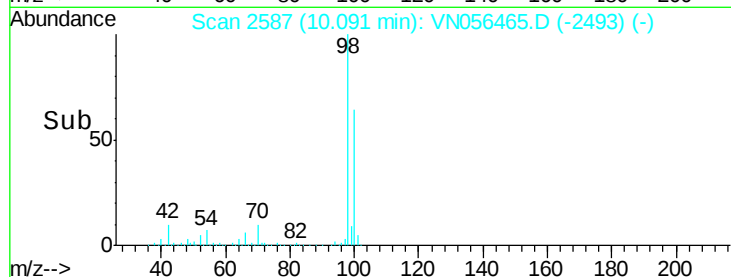
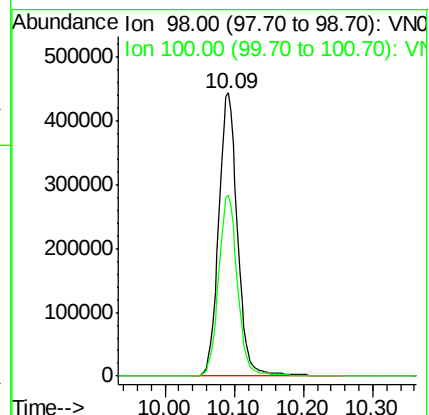
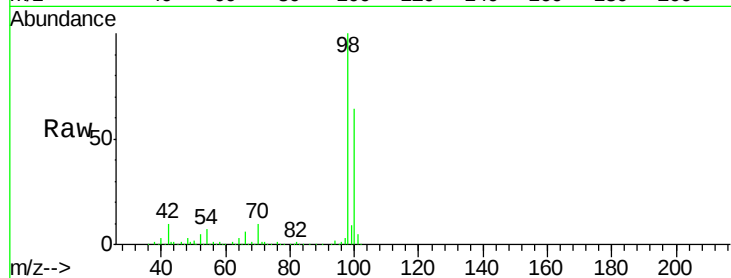
SOILS-3

Tot Ion: 98 Resp: 832970

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.215 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056465.D

Acq: 24 Jun 2019 18:54

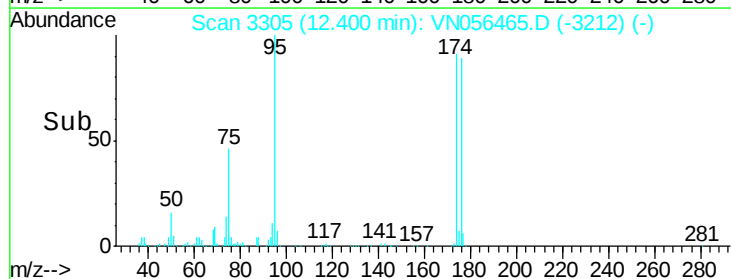
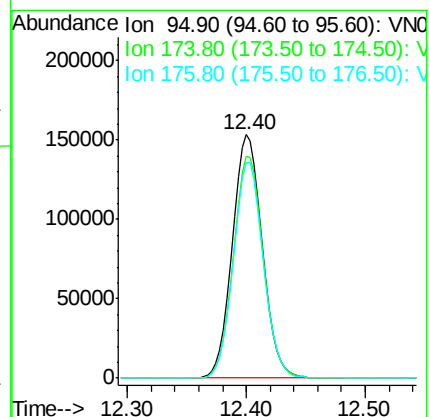
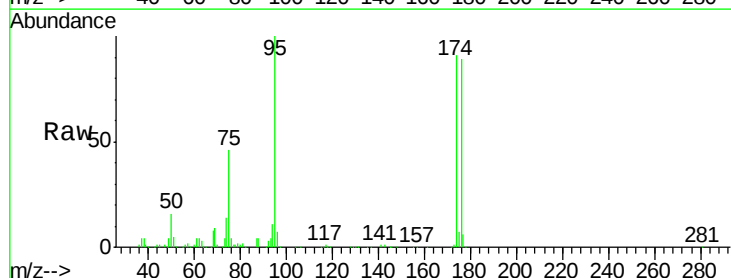
Tgt Ion: 95 Resp: 267096

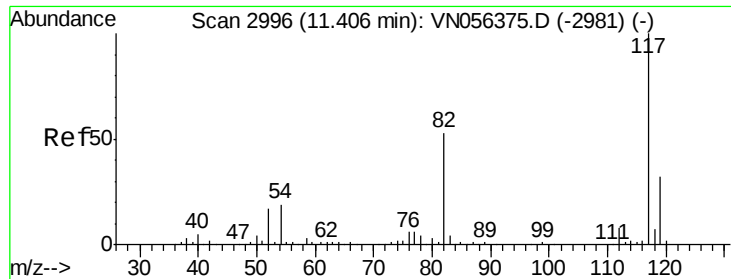
Ion Ratio Lower Upper

95 100

174 91.4 0.0 179.4

176 88.5 0.0 173.4

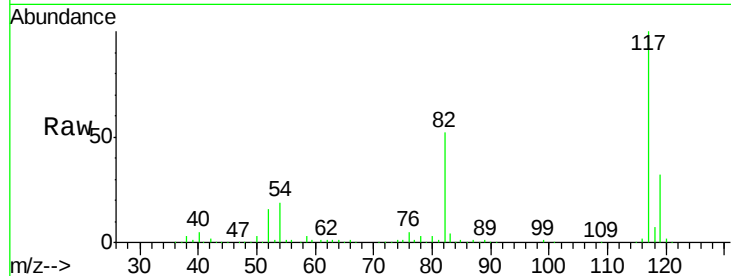




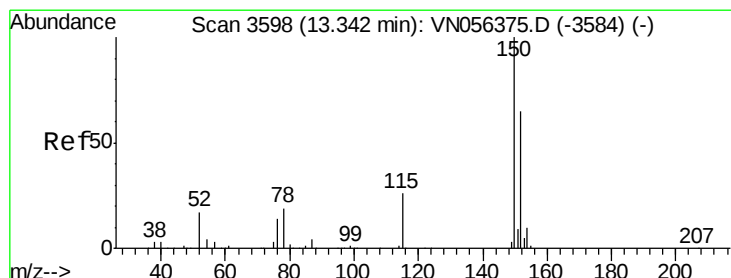
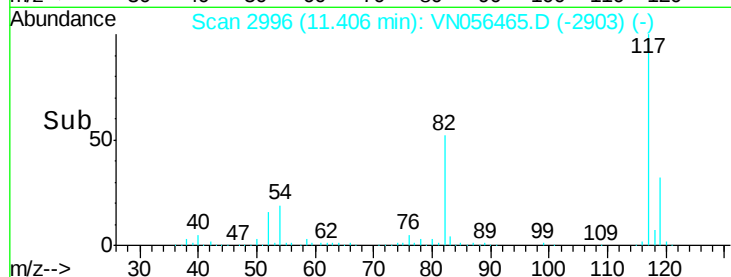
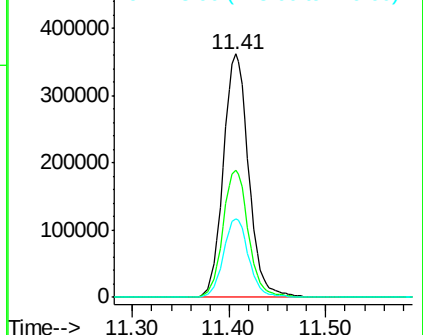
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056465.D
Acq: 24 Jun 2019 18:54

Instrument :
MSVOA_N
ClientSampled :
SOILS-3

Tot Ion:117 Resp: 656131
Ion Ratio Lower Upper
117 100
82 52.4 42.0 63.0
119 32.5 25.3 37.9

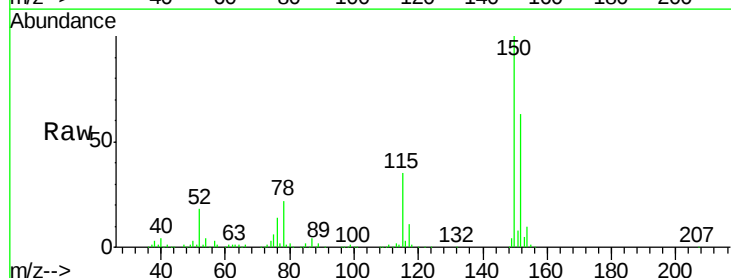


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056465.D
Acq: 24 Jun 2019 18:54

Tgt Ion:152 Resp: 187552
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.4
150 155.8 0.0 348.4



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

