

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056464.D
 Acq On : 24 Jun 2019 18:30
 Operator : JC/SP
 Sample : K3475-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOILS-2

Quant Time: Jun 25 02:31:27 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

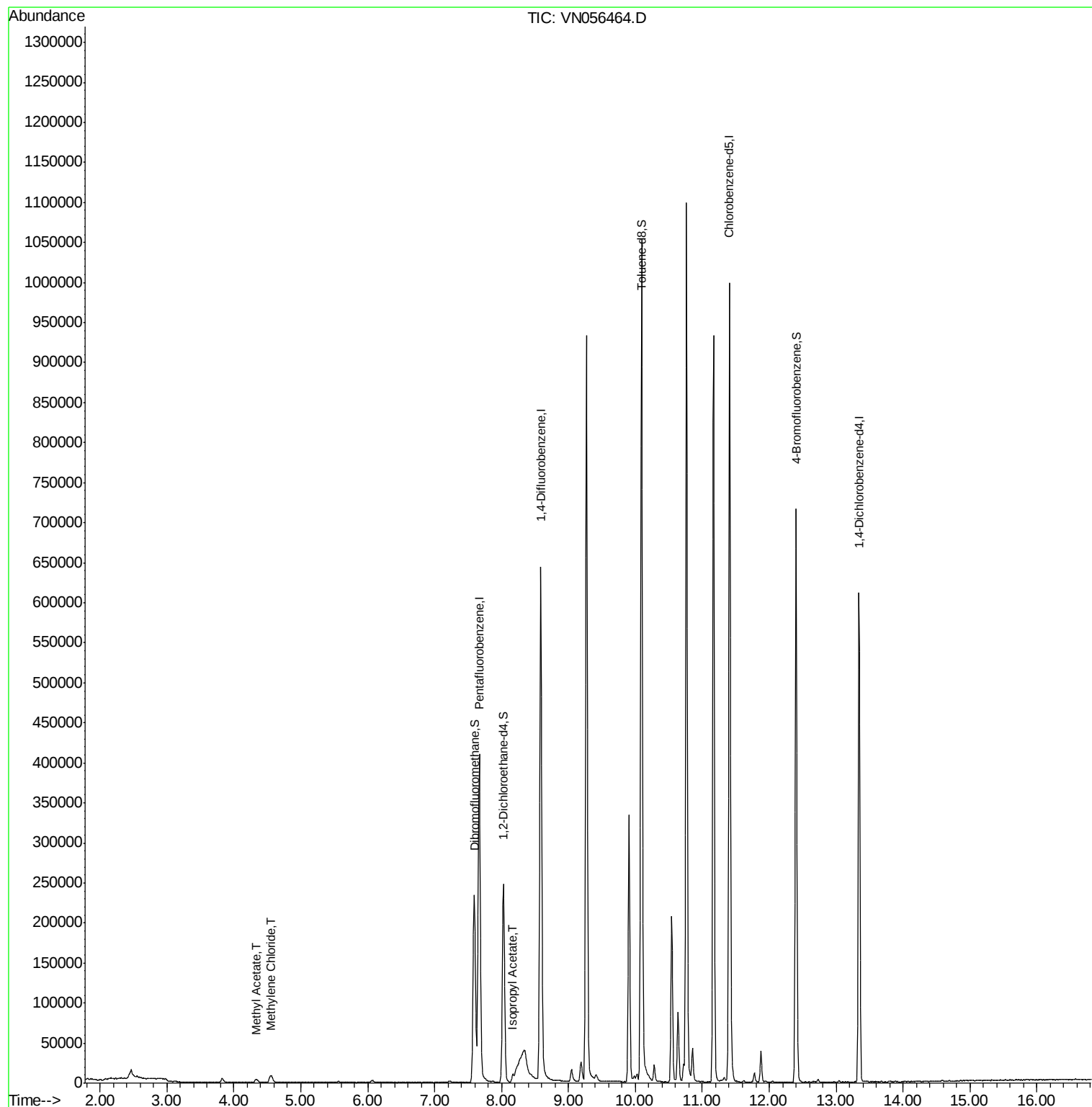
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	375292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	630629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	633086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	209083	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
35) Dibromofluoromethane	7.59	113	182953	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
50) Toluene-d8	10.09	98	792418	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.40	95	261129	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
Target Compounds						
18) Methyl Acetate	4.34	43	8372	1.204	ug/l	93
20) Methylene Chloride	4.55	84	7470	1.030	ug/l	93
43) Isopropyl Acetate	8.17	43	11515	1.369	ug/l #	85

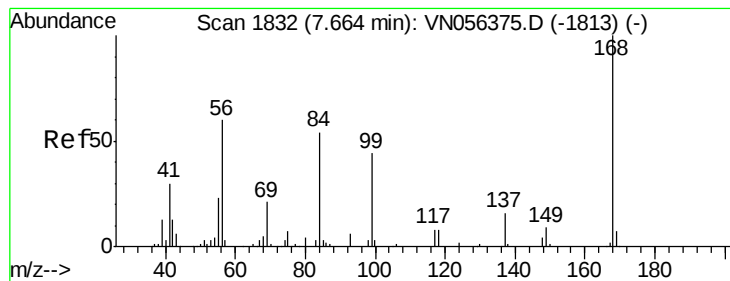
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062419\
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QLast Update : Fri Jun 21 03:45:40 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: VN056464.D

Acq: 24 Jun 2019 18:30

Instrument :

MSVOA_N

ClientSampled :

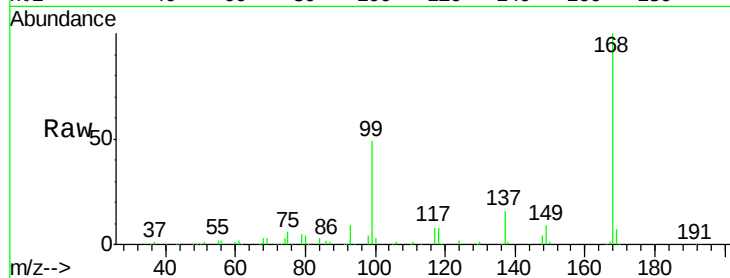
SOILS-2

Tot Ion:168 Resp: 375292

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

7.67

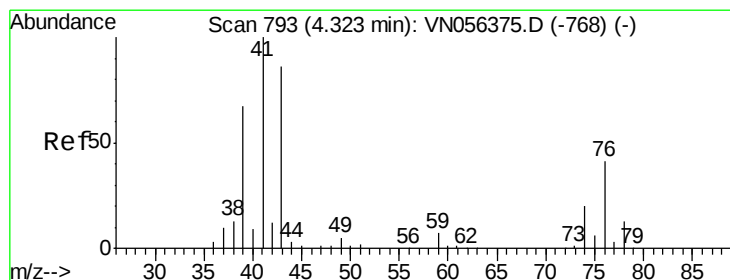
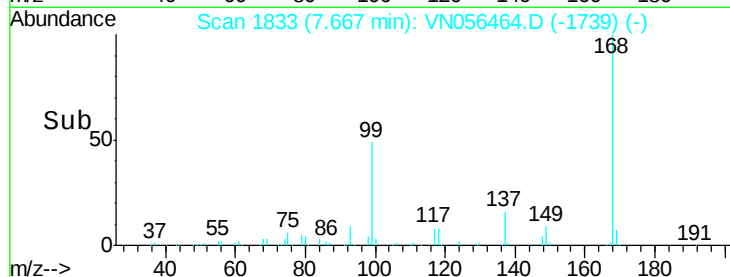
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.204 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN056464.D

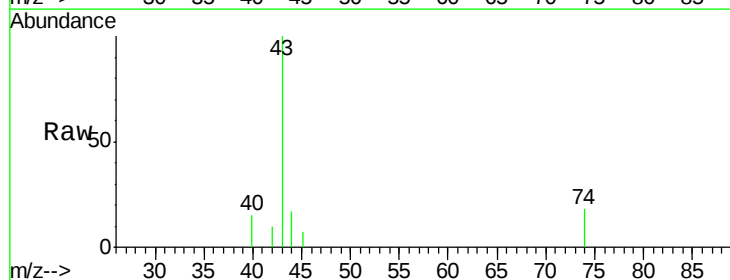
Acq: 24 Jun 2019 18:30

Tgt Ion: 43 Resp: 8372

Ion Ratio Lower Upper

43 100

74 20.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.34

3000

2500

2000

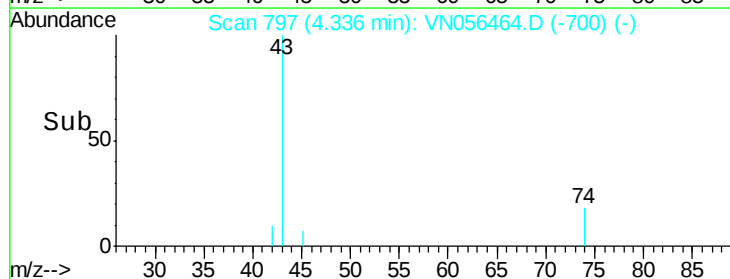
1500

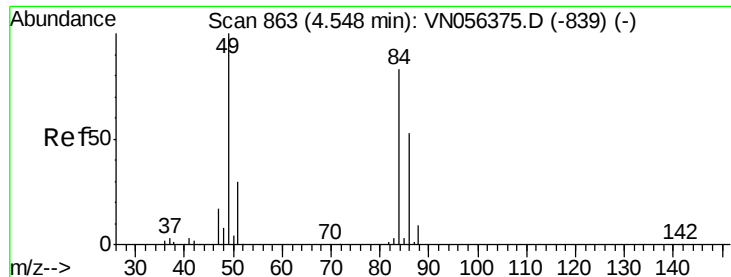
1000

500

0

Time-->

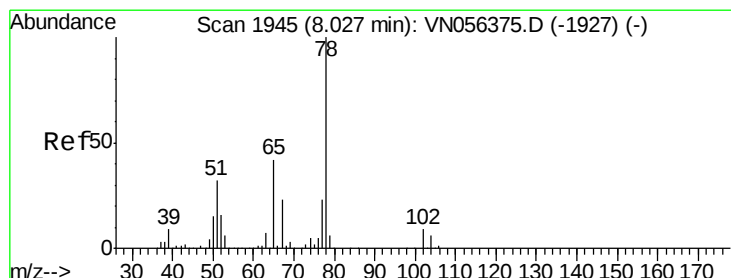
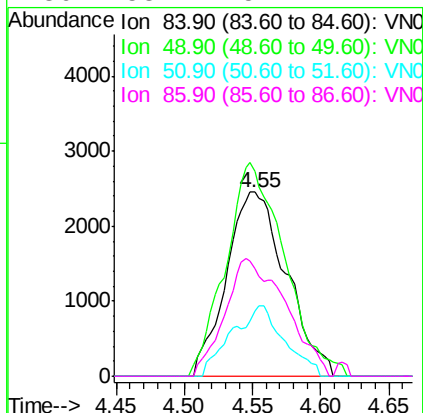
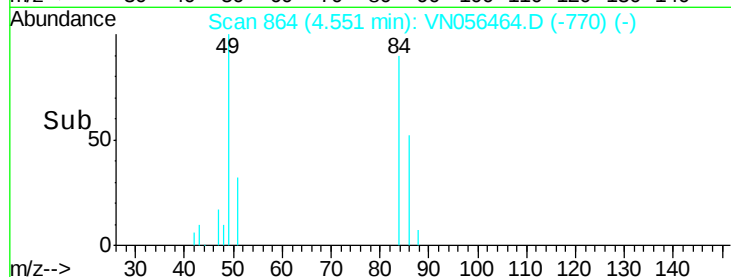
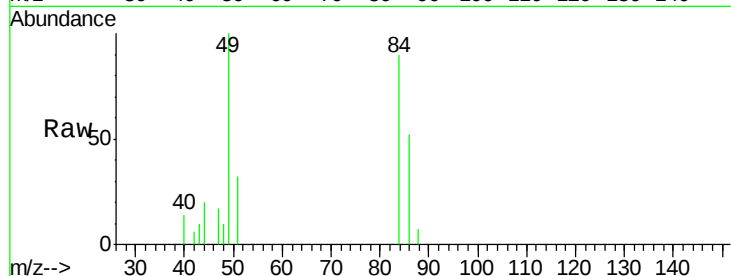




#20
Methylene Chloride
Concen: 1.030 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056464.D
Acq: 24 Jun 2019 18:30

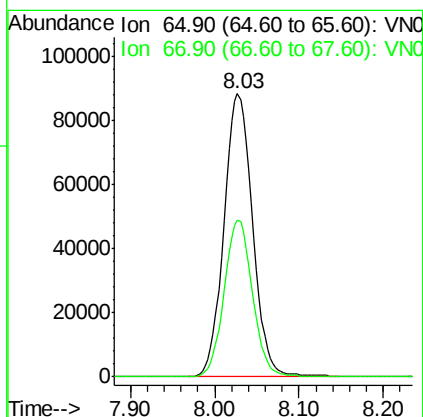
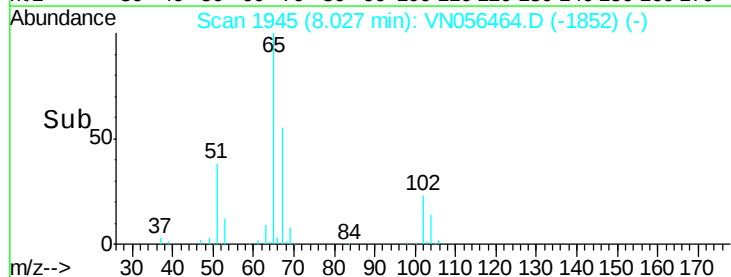
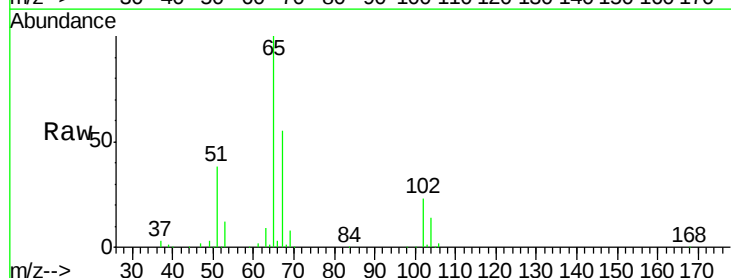
Instrument :
MSVOA_N
ClientSampled :
SOILS-2

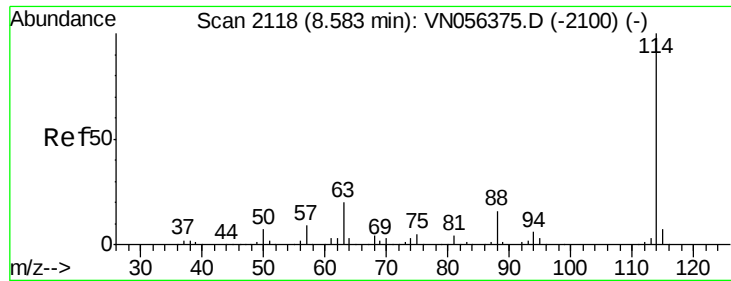
Tot Ion: 84 Resp: 7470
Ion Ratio Lower Upper
84 100
49 111.1 96.4 144.6
51 35.6 28.6 43.0
86 58.2 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 50.268 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056464.D
Acq: 24 Jun 2019 18:30

Tgt Ion: 65 Resp: 209083
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0

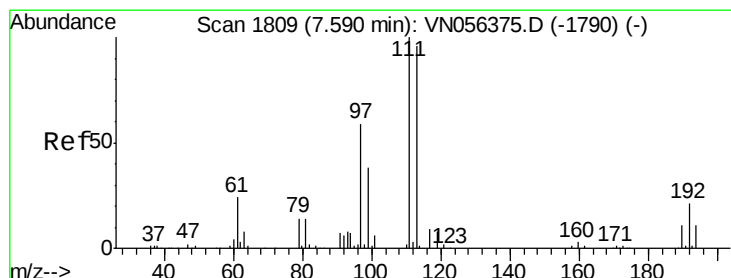
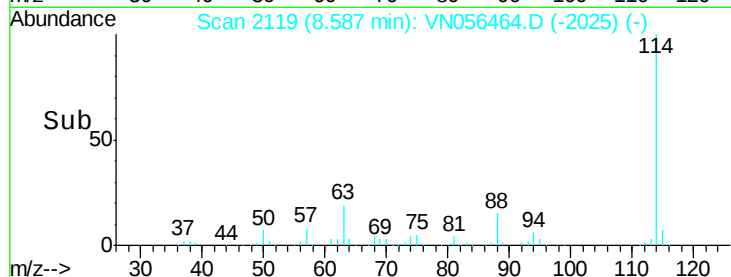
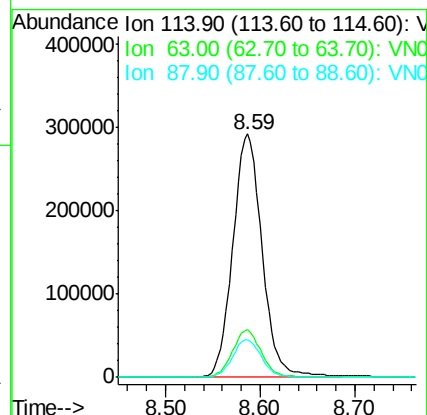
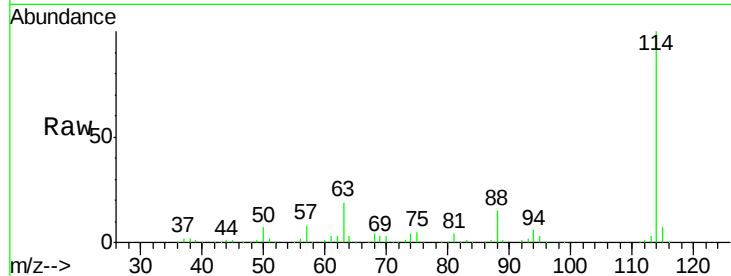




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056464.D
 Acq: 24 Jun 2019 18:30

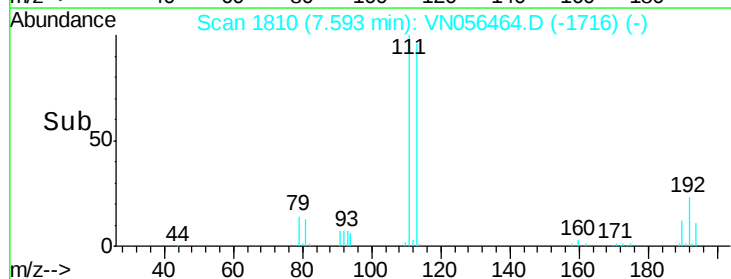
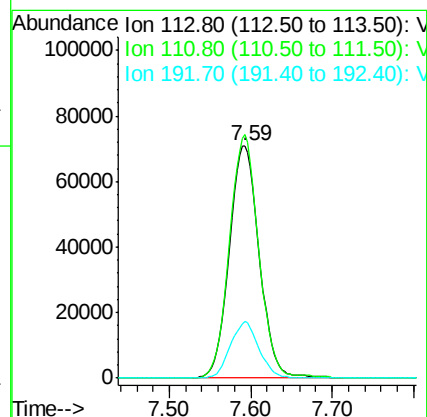
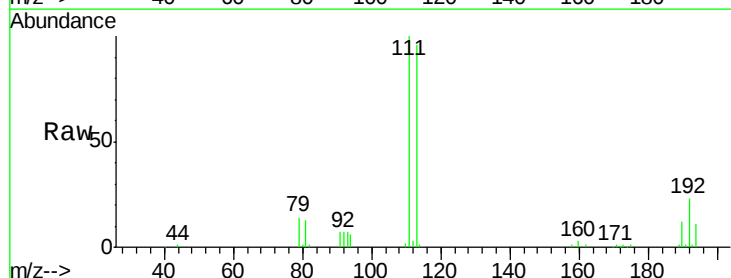
Instrument :
 MSVOA_N
 ClientSampleId :
 SOILS-2

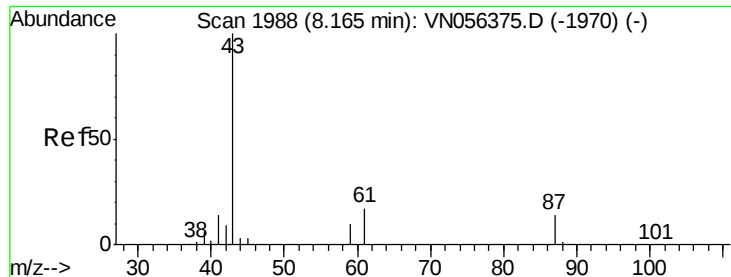
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	15.3	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 46.505 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056464.D
 Acq: 24 Jun 2019 18:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.9	124.3
192	23.1	17.7	26.5





#43

Isopropyl Acetate

Concen: 1.369 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN056464.D

Acq: 24 Jun 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

SOILS-2

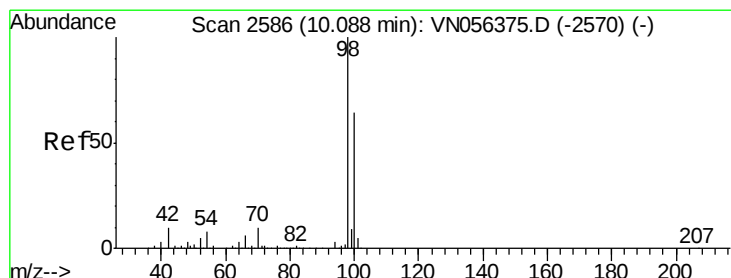
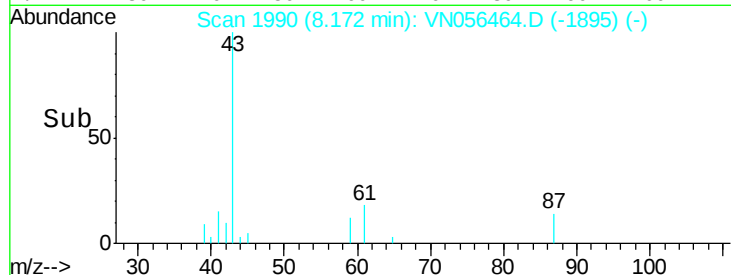
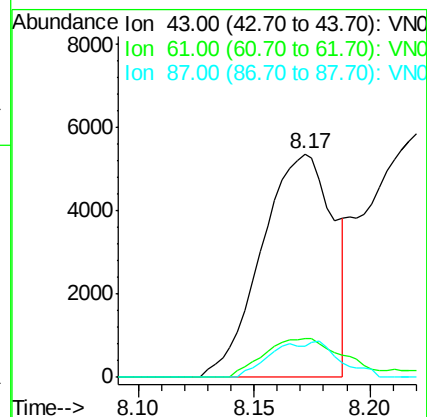
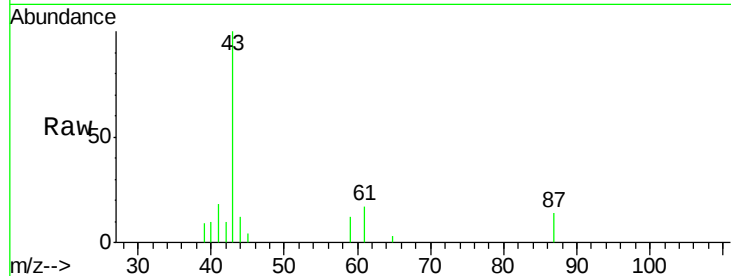
Tot Ion: 43 Resp: 11515

Ion Ratio Lower Upper

43 100

61 19.0 22.0 33.0#

87 8.3 11.0 16.4#



#50

Toluene-d8

Concen: 51.766 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056464.D

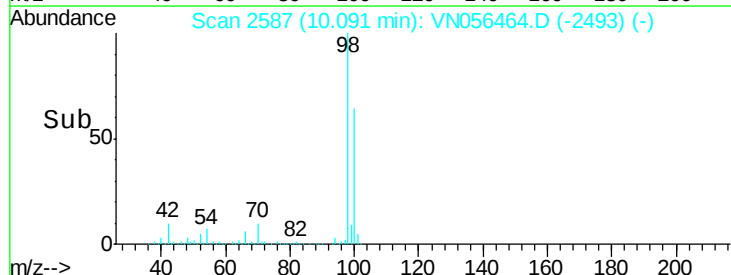
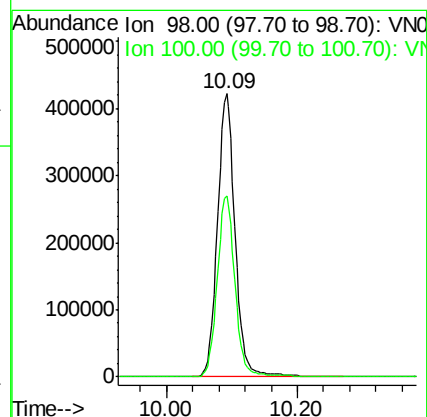
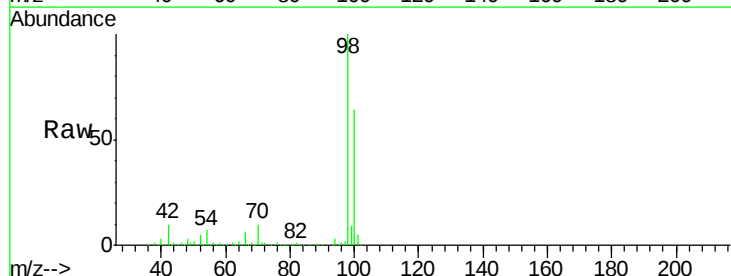
Acq: 24 Jun 2019 18:30

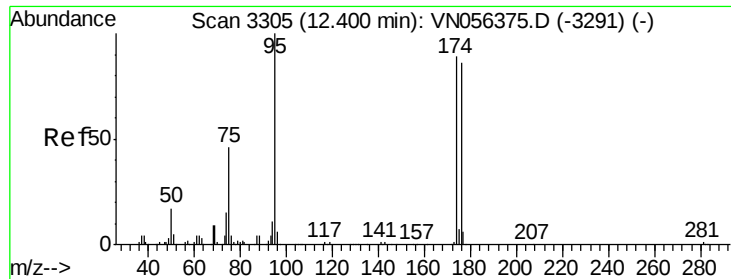
Tgt Ion: 98 Resp: 792418

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2

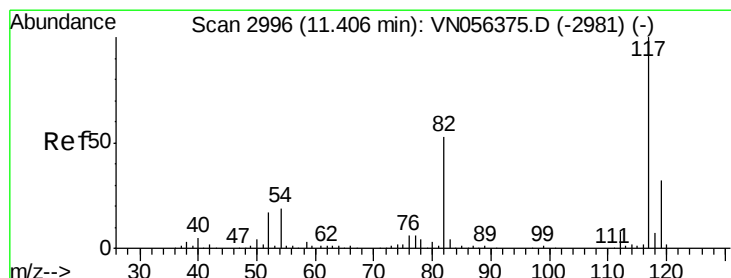
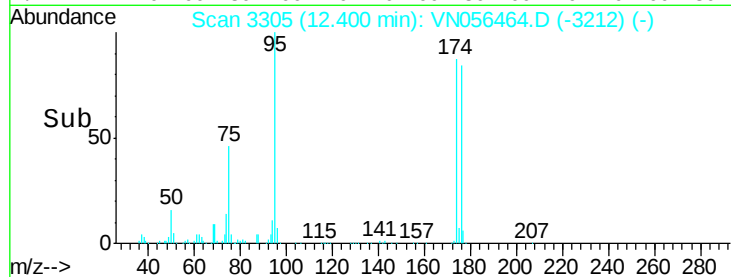
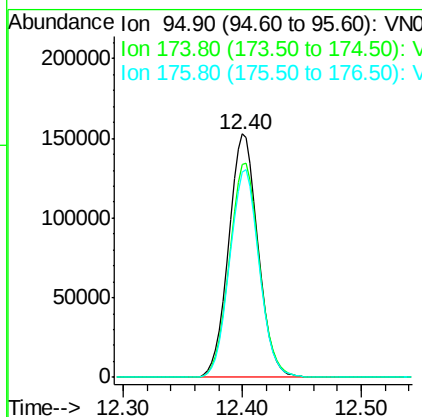
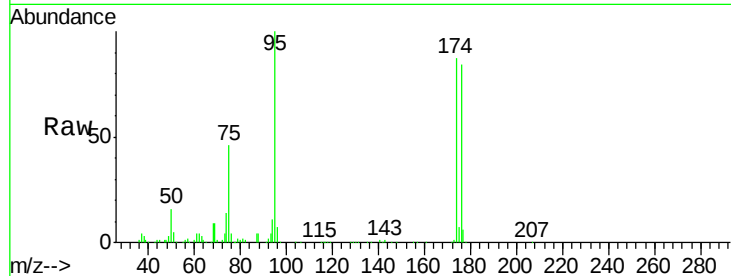




#62
4-Bromofluorobenzene
Concen: 51.172 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056464.D
Acq: 24 Jun 2019 18:30

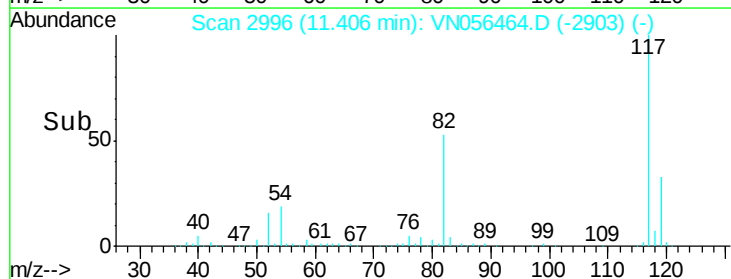
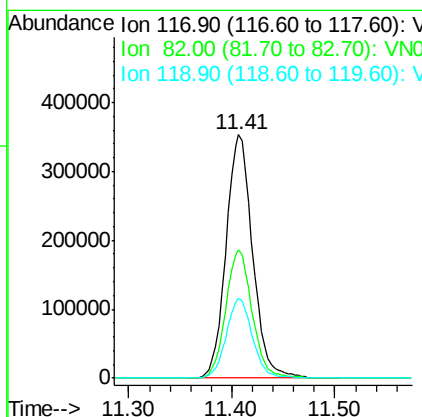
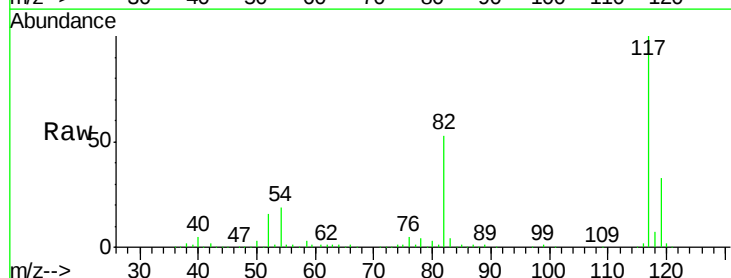
Instrument :
MSVOA_N
ClientSampleId :
SOILS-2

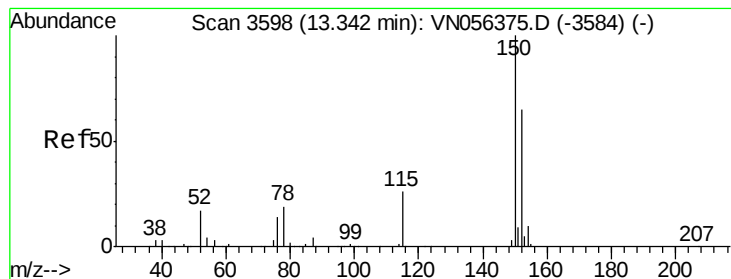
Tot Ion: 95 Resp: 261129
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.4
176 85.8 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056464.D
Acq: 24 Jun 2019 18:30

Tgt Ion: 117 Resp: 633086
Ion Ratio Lower Upper
117 100
82 52.6 42.0 63.0
119 32.8 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056464.D

Acq: 24 Jun 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

SOILS-2

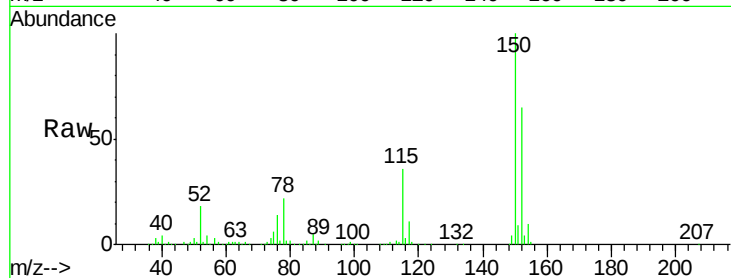
Tot Ion:152 Resp: 184667

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.4

150 155.9 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

