

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056466.D
 Acq On : 24 Jun 2019 19:17
 Operator : JC/SP
 Sample : K3475-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOILS-4

Quant Time: Jun 25 02:34:41 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

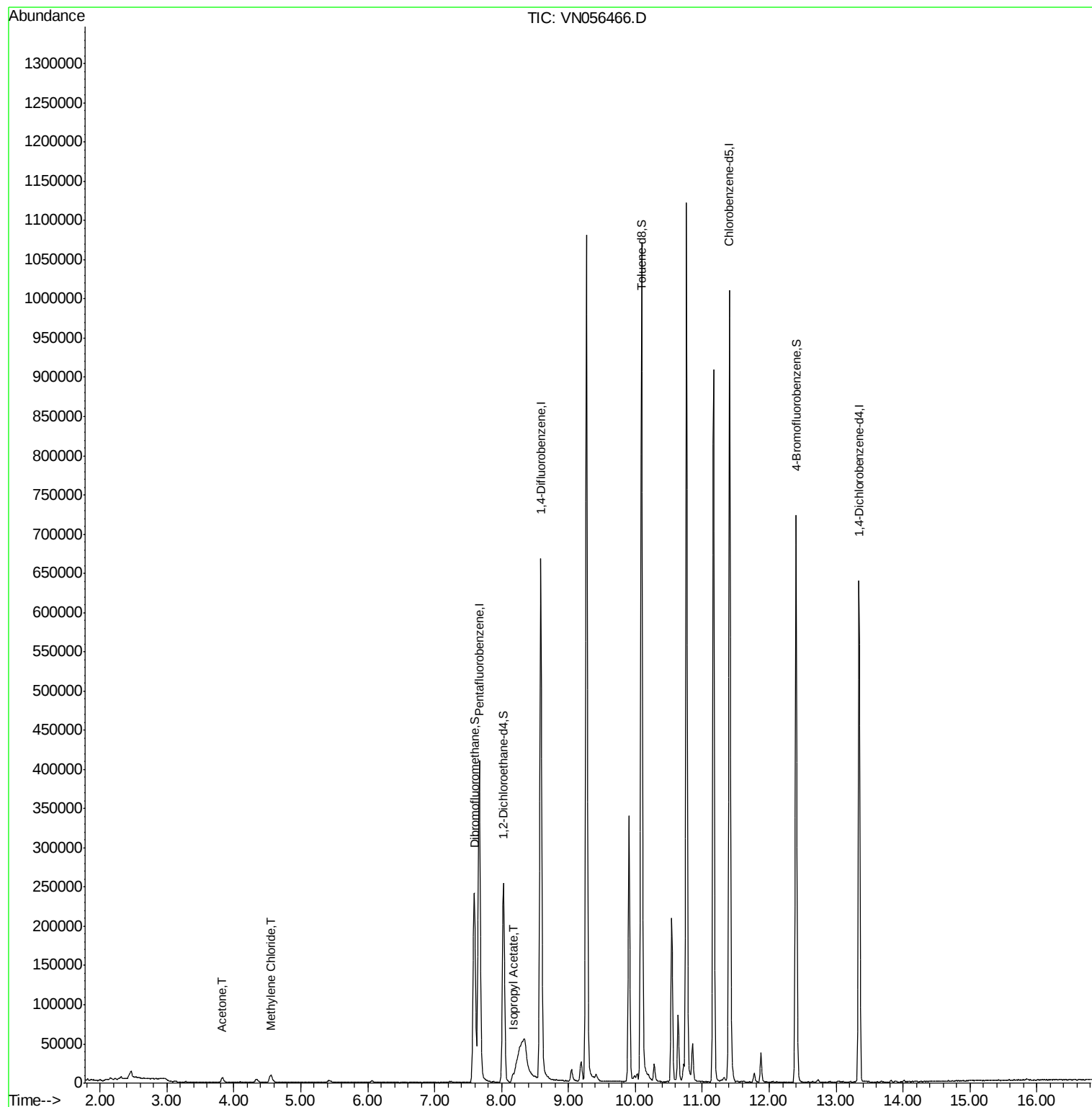
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	376694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	652795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	637781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	185667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	212876	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
35) Dibromofluoromethane	7.59	113	189387	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
50) Toluene-d8	10.09	98	805662	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.40	95	258875	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
Target Compounds						
16) Acetone	3.82	43	10888	5.205	ug/l	97
20) Methylene Chloride	4.55	84	7778	1.102	ug/l	89
43) Isopropyl Acetate	8.17	43	12318	1.415	ug/l #	77

(#) = 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: VN056466.D

Acq: 24 Jun 2019 19:17

Instrument :

MSVOA_N

ClientSampled :

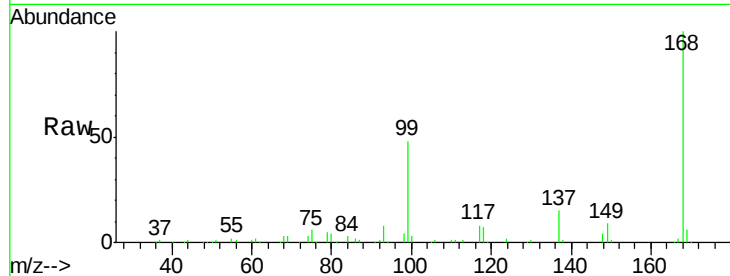
SOILS-4

Tot Ion:168 Resp: 376694

Ion Ratio Lower Upper

168 100

99 48.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

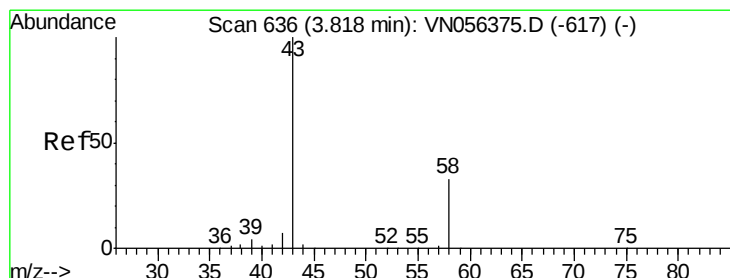
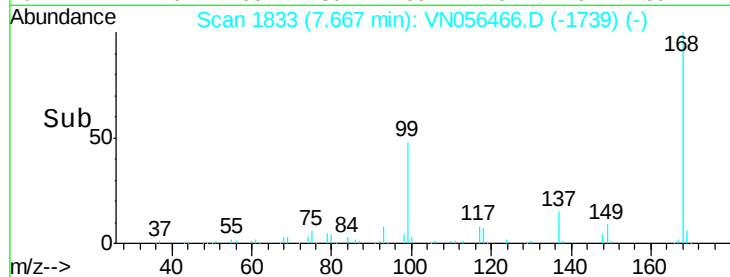
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.205 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056466.D

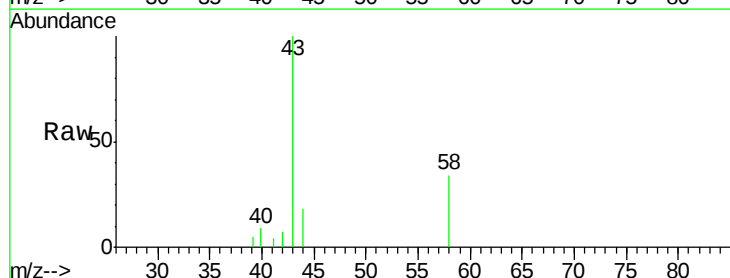
Acq: 24 Jun 2019 19:17

Tgt Ion: 43 Resp: 10888

Ion Ratio Lower Upper

43 100

58 34.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

4000

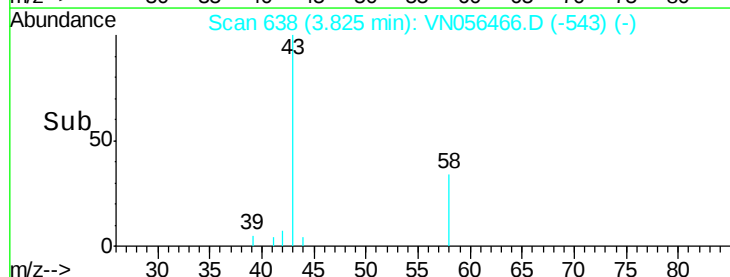
3000

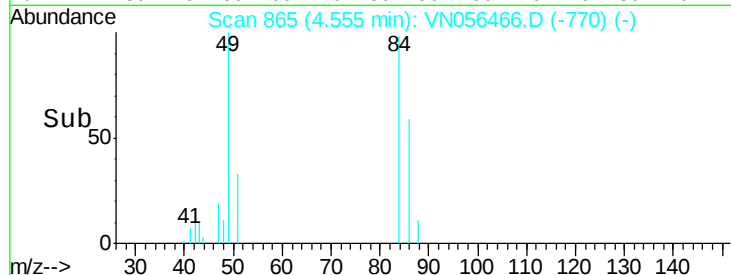
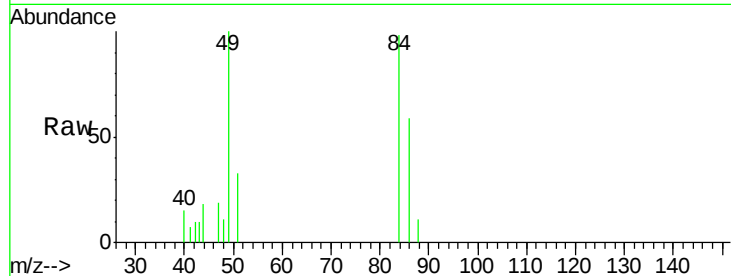
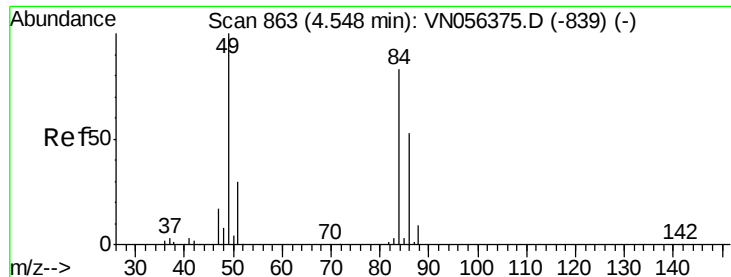
2000

1000

0

Time-->

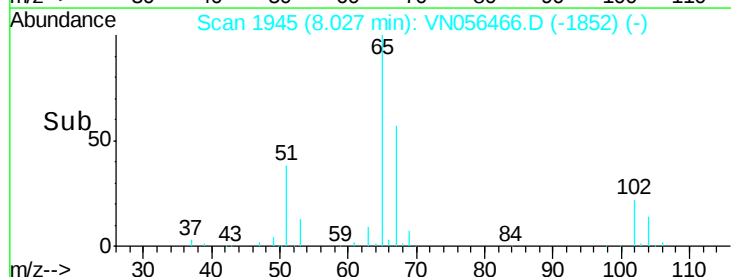
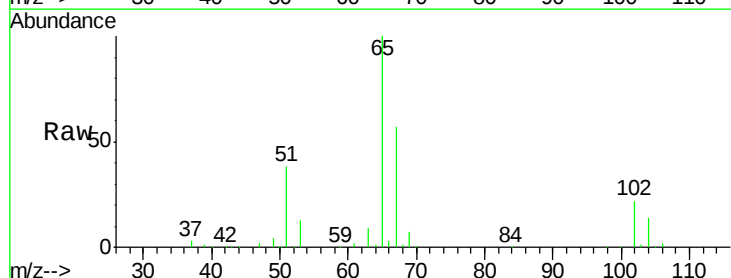
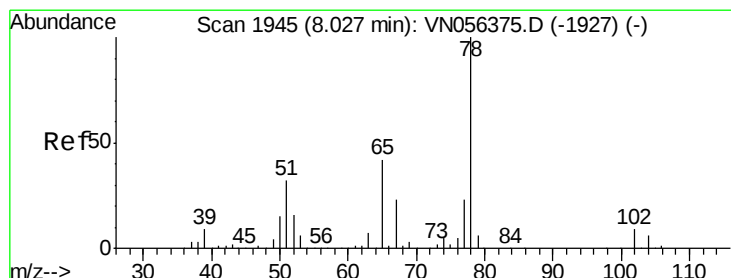
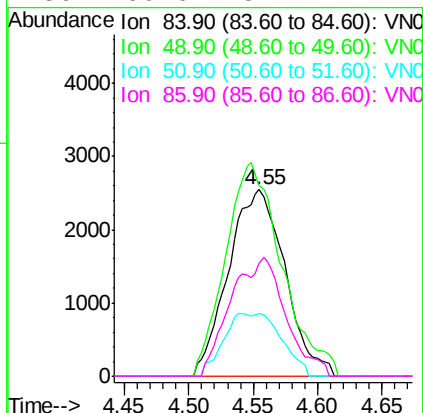




#20
Methvlene Chloride
Concen: 1.102 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN056466.D
Acq: 24 Jun 2019 19:17

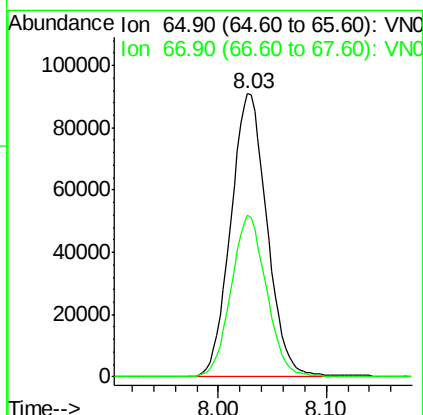
Instrument :
MSVOA_N
ClientSampleId :
SOILS-4

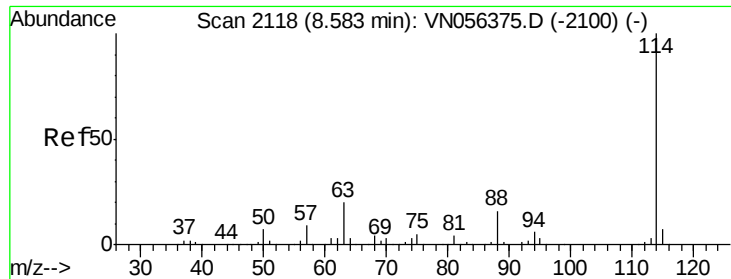
Tot Ion: 84 Resp: 7778
Ion Ratio Lower Upper
84 100
49 102.0 96.4 144.6
51 33.6 28.6 43.0
86 60.6 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 50.989 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056466.D
Acq: 24 Jun 2019 19:17

Tgt Ion: 65 Resp: 212876
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.0

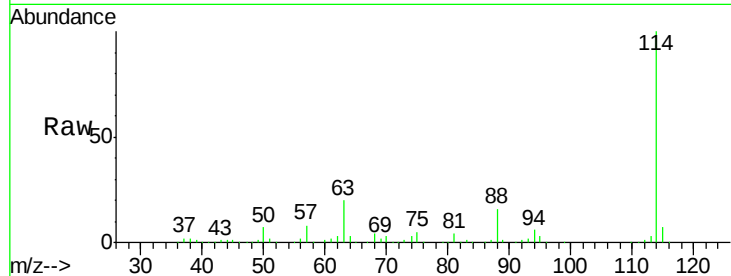




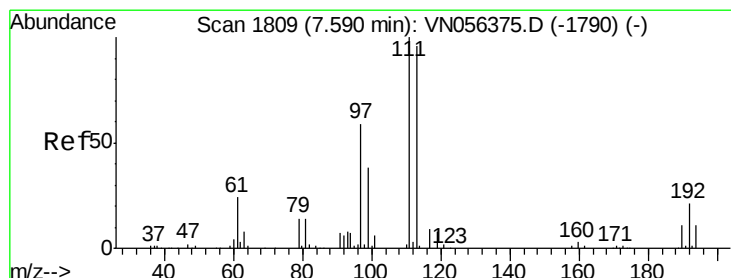
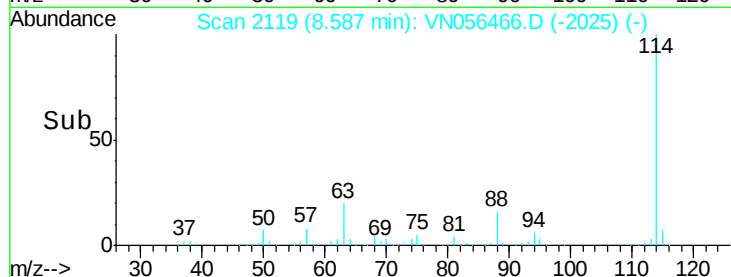
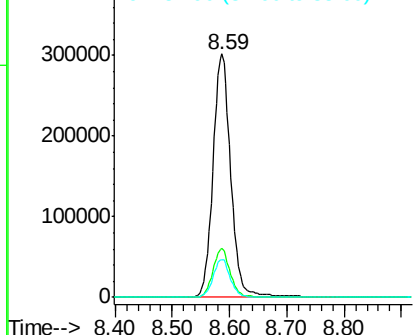
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056466.D
Acq: 24 Jun 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SOILS-4

Tot Ion:114 Resp: 652795
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.2
88 15.6 0.0 31.4

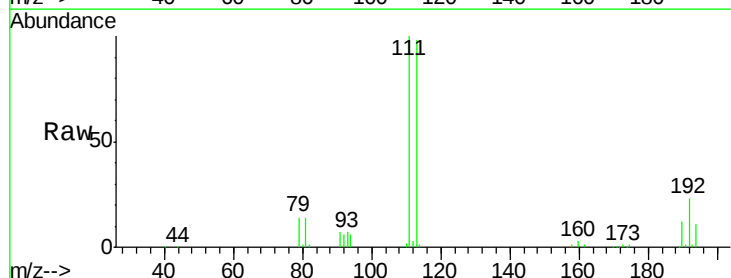


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

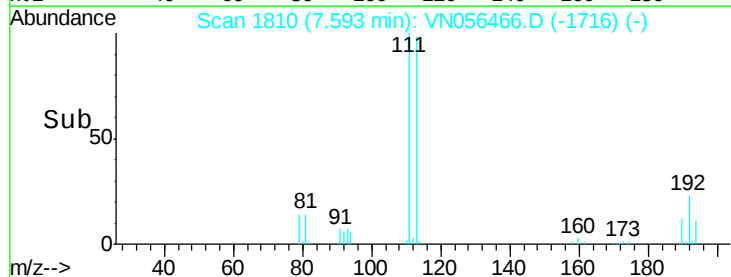
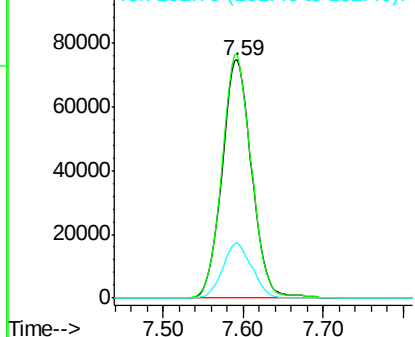


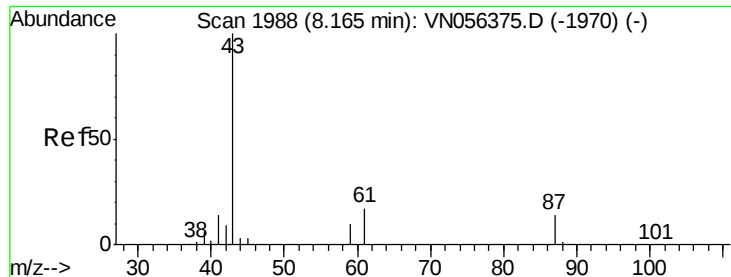
#35
Dibromofluoromethane
Concen: 46.505 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN056466.D
Acq: 24 Jun 2019 19:17

Tgt Ion:113 Resp: 189387
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 22.7 17.7 26.5



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: 1.415 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056466.D

Acq: 24 Jun 2019 19:17

Instrument :

MSVOA_N

ClientSampled :

SOILS-4

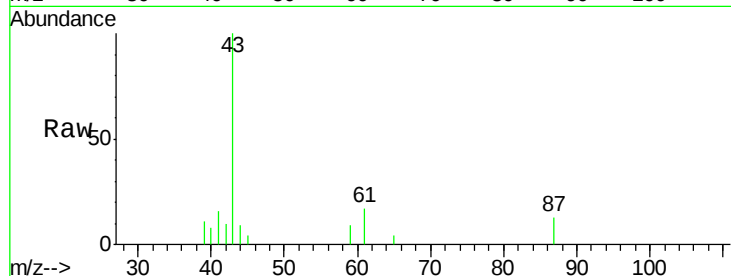
Tot Ion: 43 Resp: 12318

Ion Ratio Lower Upper

43 100

61 10.2 22.0 33.0#

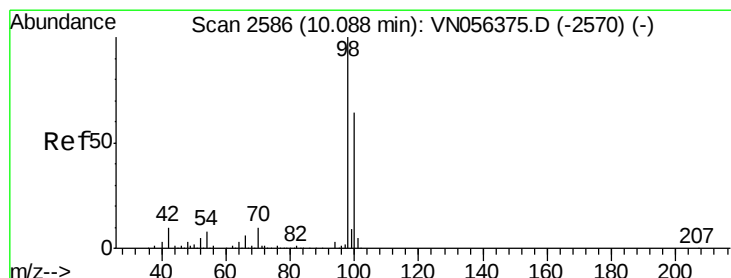
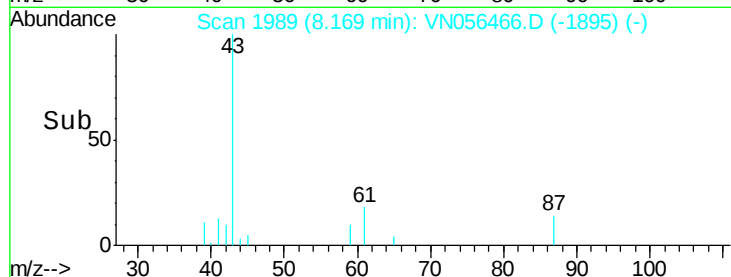
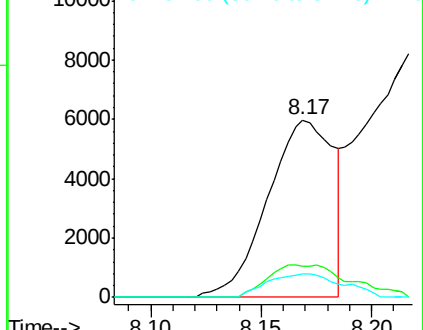
87 15.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 50.844 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056466.D

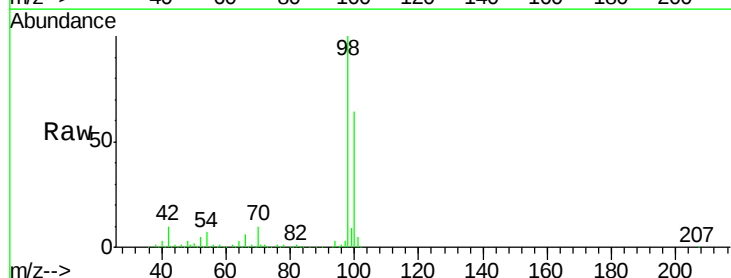
Acq: 24 Jun 2019 19:17

Tgt Ion: 98 Resp: 805662

Ion Ratio Lower Upper

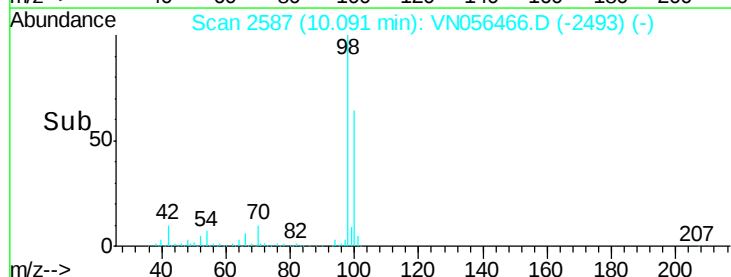
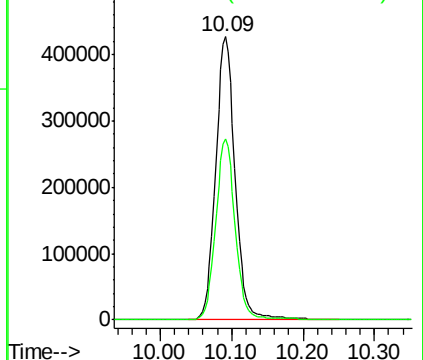
98 100

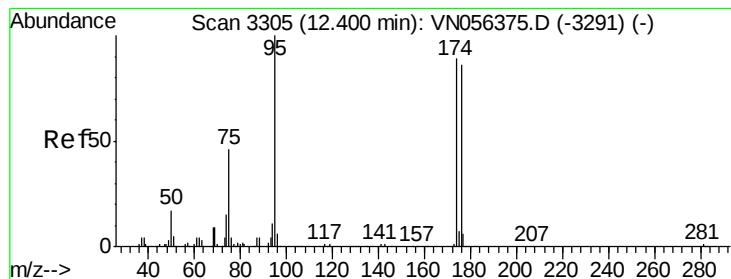
100 63.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.007 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056466.D

Acq: 24 Jun 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SOILS-4

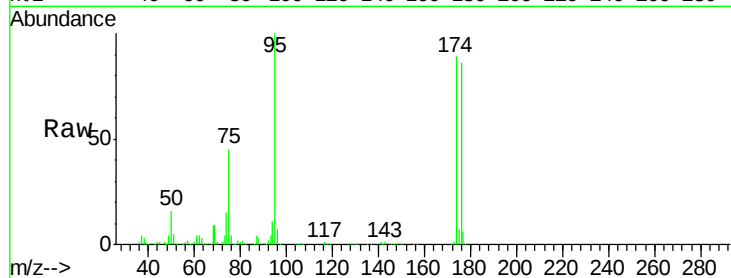
Tot Ion: 95 Resp: 258875

Ion Ratio Lower Upper

95 100

174 90.3 0.0 179.4

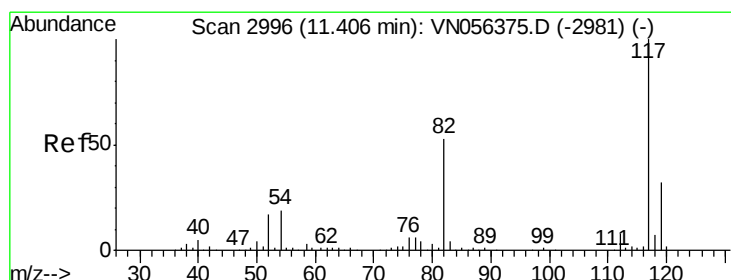
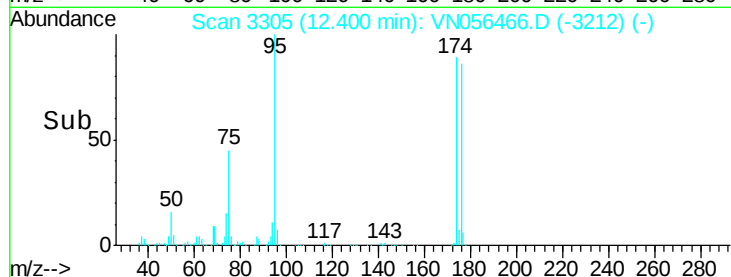
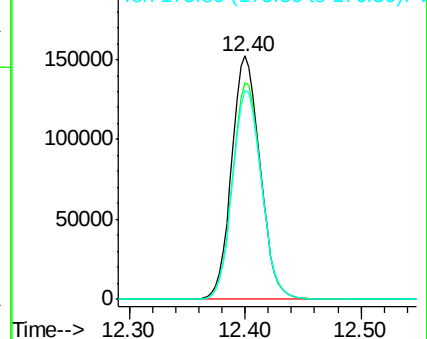
176 87.3 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056466.D

Acq: 24 Jun 2019 19:17

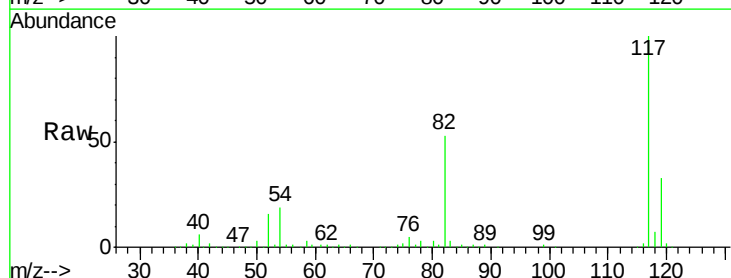
Tgt Ion: 117 Resp: 637781

Ion Ratio Lower Upper

117 100

82 52.6 42.0 63.0

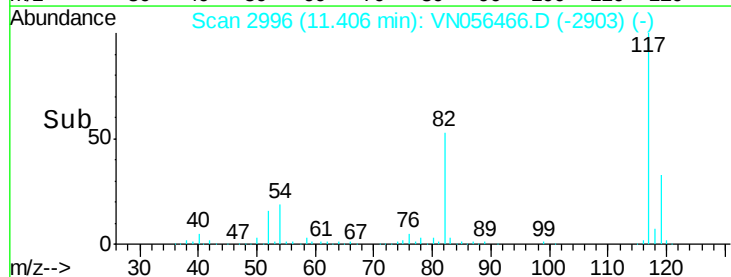
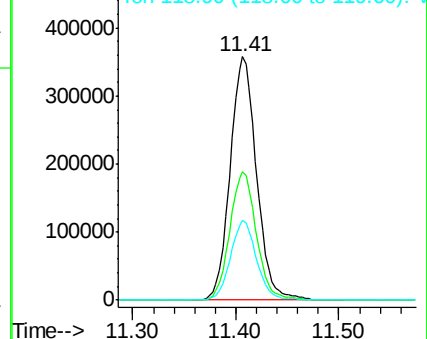
119 32.6 25.3 37.9

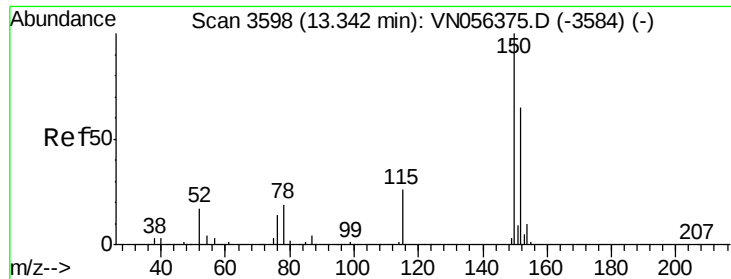


Abundance Ion 116.90 (116.60 to 117.60): VN056375.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056375.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056375.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056466.D

Acq: 24 Jun 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SOILS-4

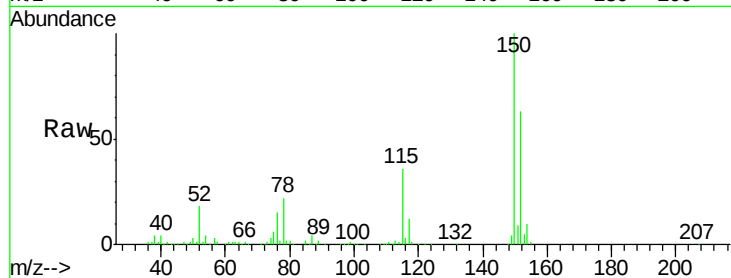
Tot Ion:152 Resp: 185667

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.4

150 158.1 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

