

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049598.D
 Acq On : 28 Jun 2018 18:51
 Operator : MD\SY
 Sample : J3734-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WS-SOIL

Quant Time: Jun 29 03:41:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1116805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1766630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1474592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	605006	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	740528	49.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.98%	
35) Dibromofluoromethane	7.59	113	637954	44.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.26%	
50) Toluene-d8	10.09	98	2371132	43.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.14%	
62) 4-Bromofluorobenzene	12.40	95	698473	38.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	77.64%	

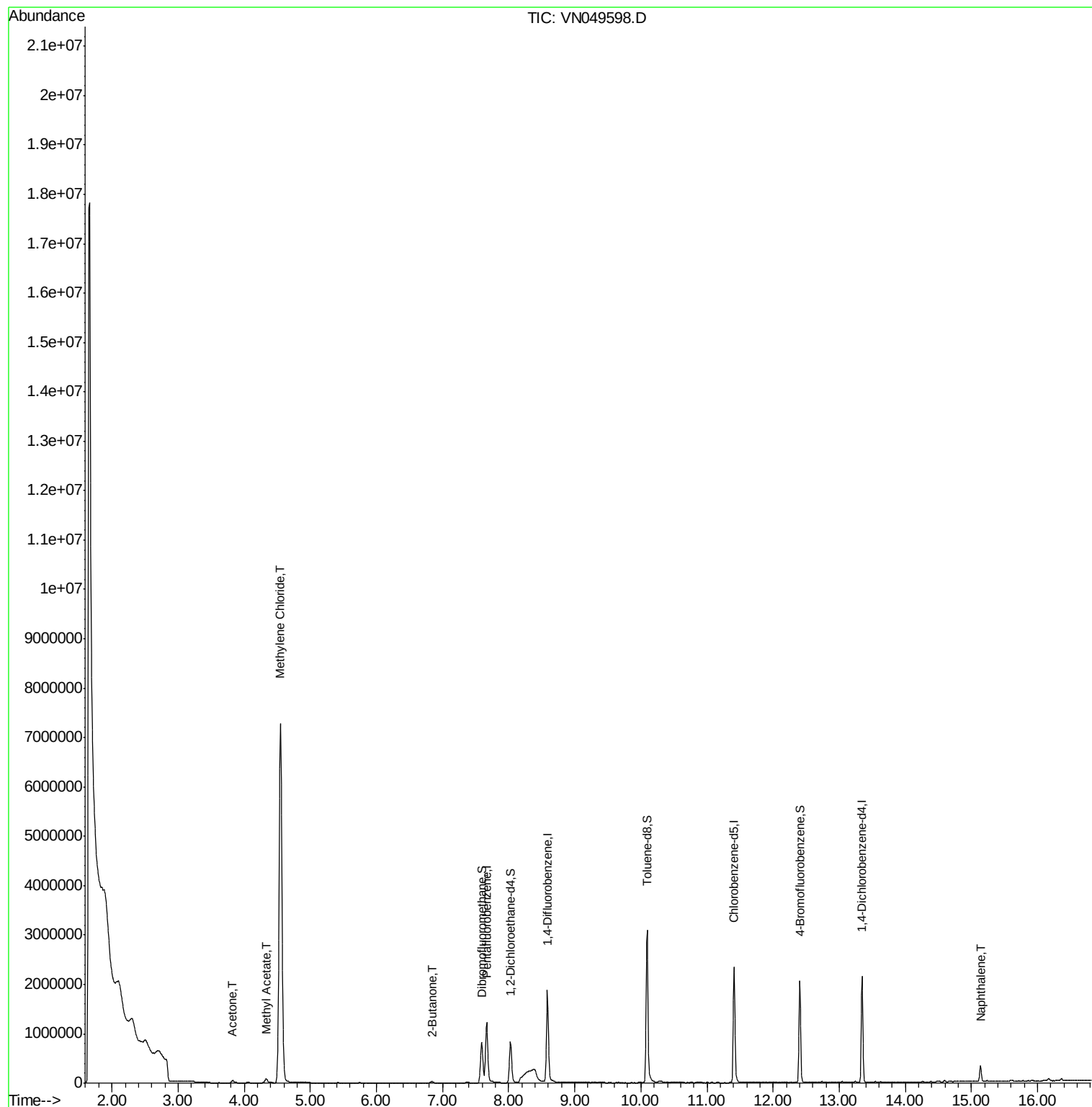
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	82252	22.87	ug/l	94
18) Methyl Acetate	4.33	43	154407	14.08	ug/l	96
20) Methylene Chloride	4.55	84	5672303	377.62	ug/l	91
25) 2-Butanone	6.84	43	13038	2.70	ug/l	95
95) Naphthalene	15.14	128	271814	17.58	ug/l	99

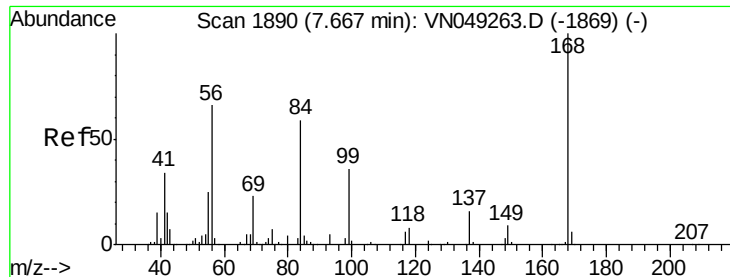
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
Data File : VN049598.D
Acq On : 28 Jun 2018 18:51
Operator : MD\SY
Sample : J3734-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WS-SOIL

Quant Time: Jun 29 03:41:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049598.D

Acq: 28 Jun 2018 18:51

Instrument :

MSVOA_N

ClientSampled :

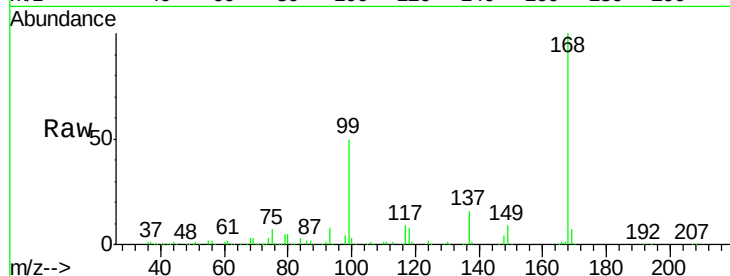
WS-SOIL

Tot Ion:168 Resp: 1116805

Ion Ratio Lower Upper

168 100

99 49.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

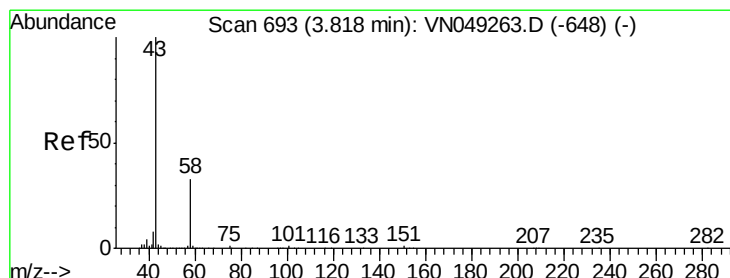
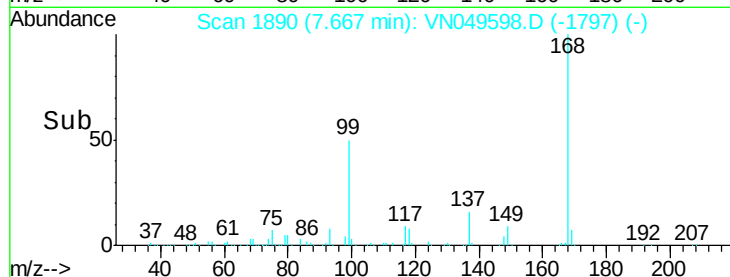
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 22.87 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049598.D

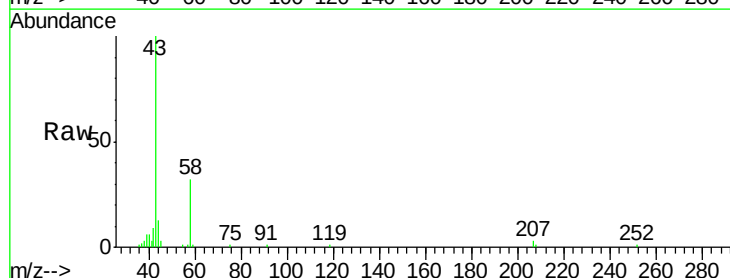
Acq: 28 Jun 2018 18:51

Tgt Ion: 43 Resp: 82252

Ion Ratio Lower Upper

43 100

58 31.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

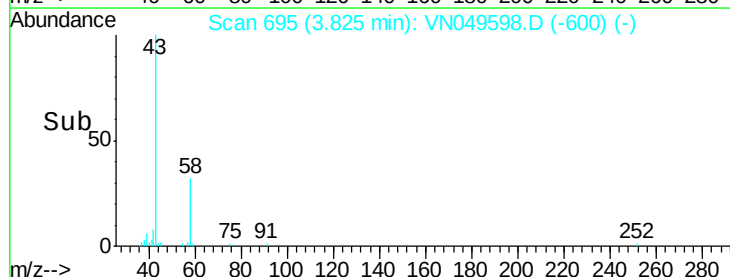
30000

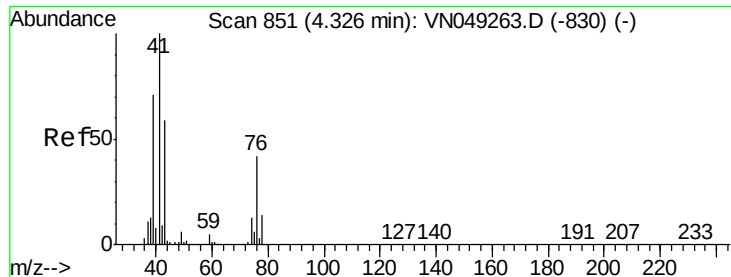
20000

10000

0

Time--> 3.70 3.80 3.90

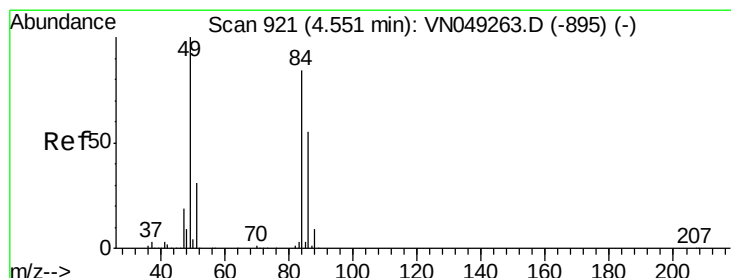
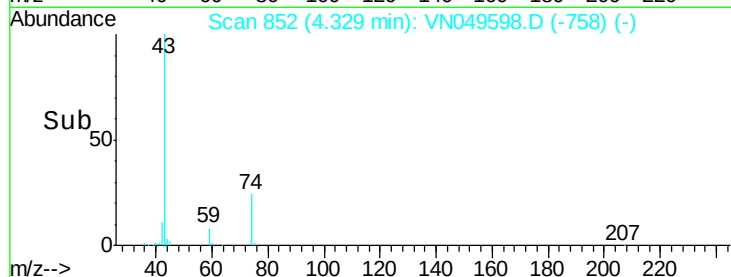
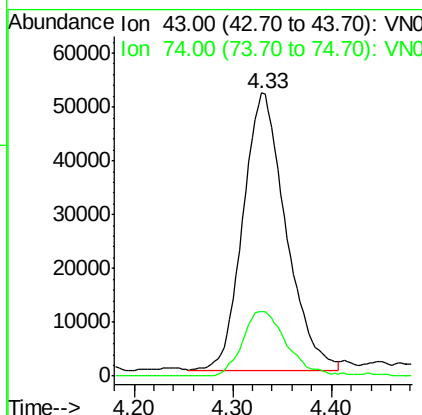
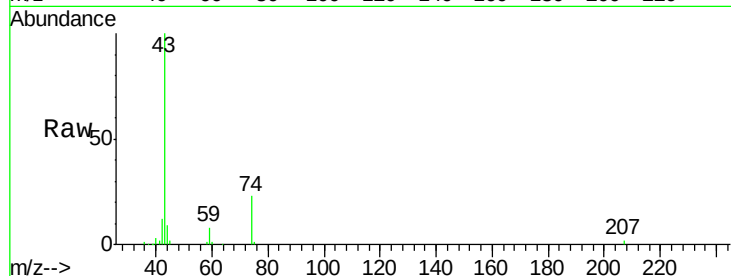




#18
Methvl Acetate
Concen: 14.08 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049598.D
Acq: 28 Jun 2018 18:51

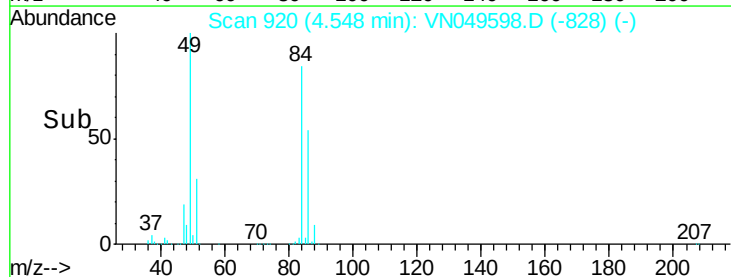
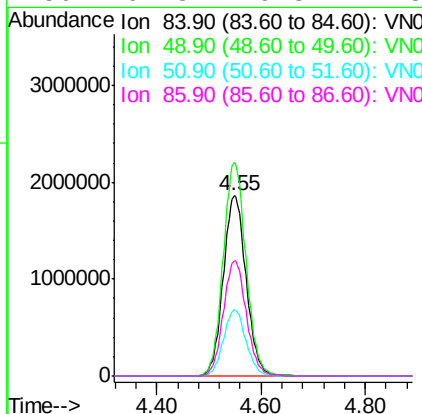
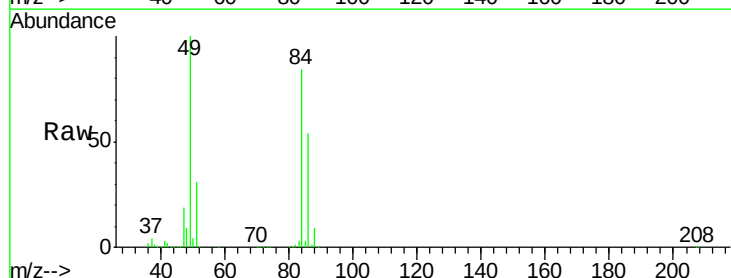
Instrument :
MSVOA_N
ClientSampled :
WS-SOIL

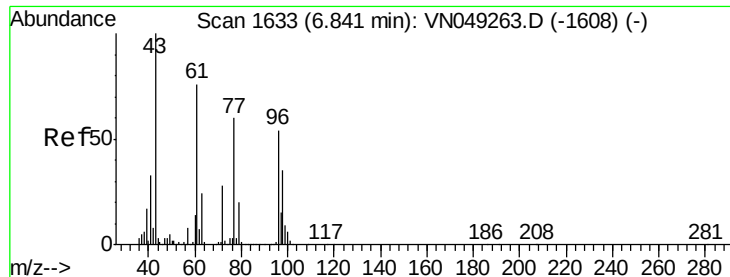
Tot Ion: 43 Resp: 154407
Ion Ratio Lower Upper
43 100
74 23.8 17.4 26.0



#20
Methylene Chloride
Concen: 377.62 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049598.D
Acq: 28 Jun 2018 18:51

Tgt Ion: 84 Resp: 5672303
Ion Ratio Lower Upper
84 100
49 118.6 106.9 160.3
51 36.6 32.7 49.1
86 64.3 49.8 74.8

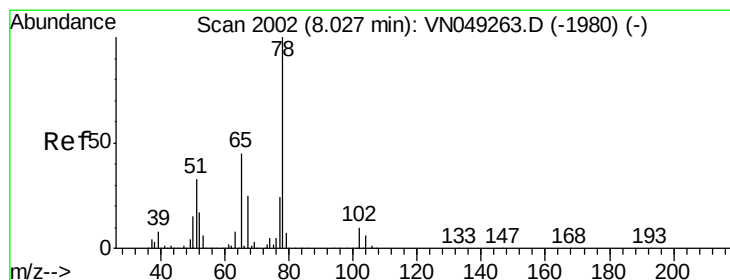
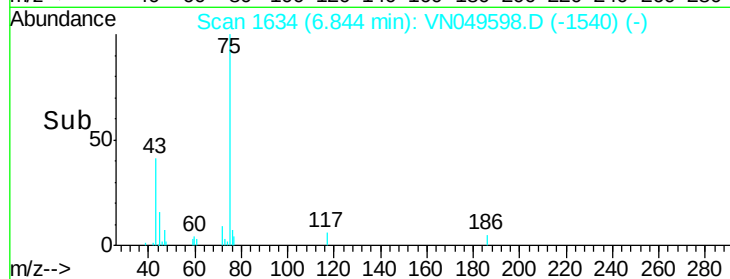
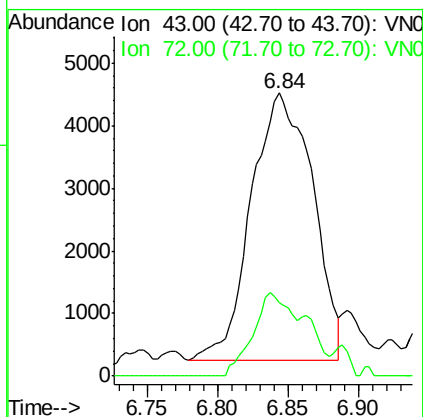
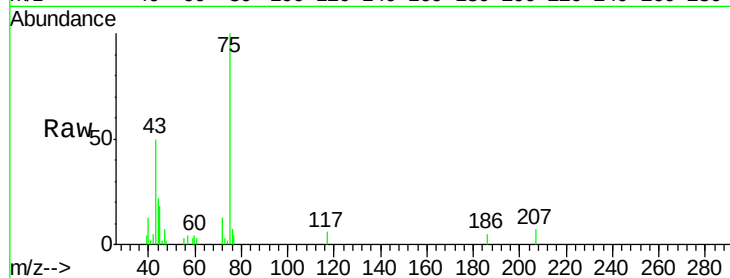




#25
 2-Butanone
 Concen: 2.70 ug/l
 RT: 6.84 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: VN049598.D
 Acq: 28 Jun 2018 18:51

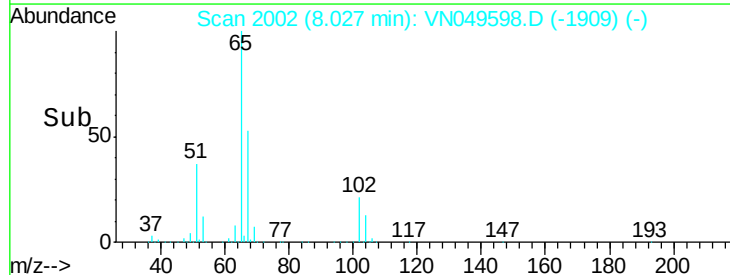
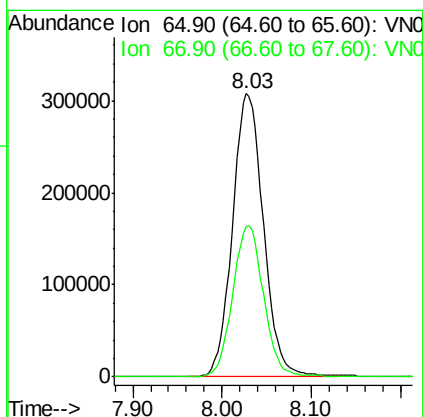
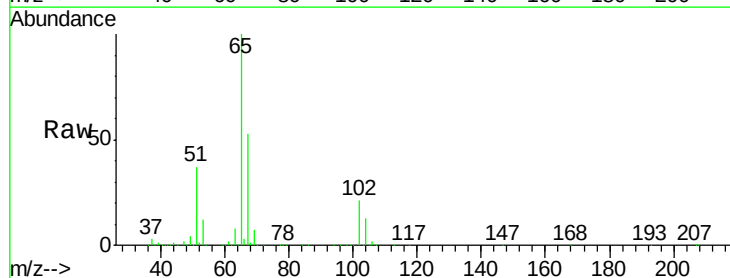
Instrument :
 MSVOA_N
 ClientSampled :
 WS-SOIL

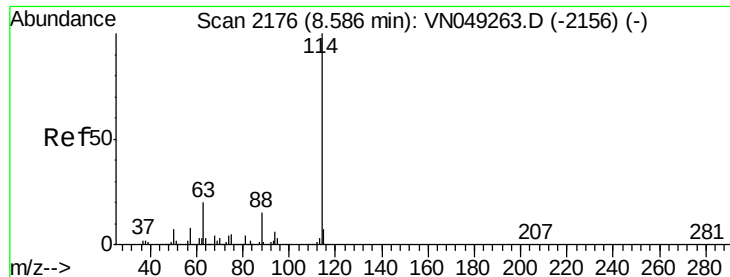
Tot Ion: 43 Resp: 13038
 Ion Ratio Lower Upper
 43 100
 72 27.6 20.2 30.2



#33
 1,2-Dichloroethane-d4
 Concen: 49.99 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049598.D
 Acq: 28 Jun 2018 18:51

Tgt Ion: 65 Resp: 740528
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.8

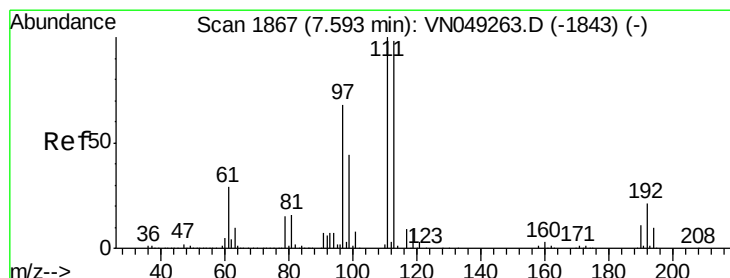
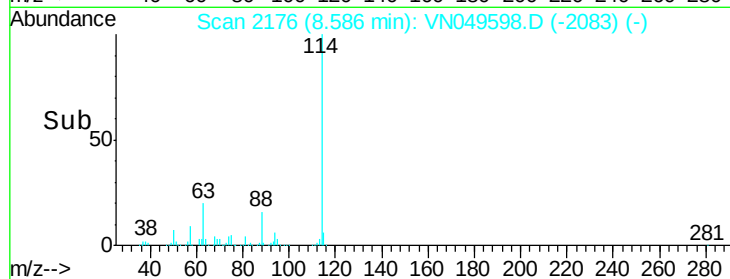
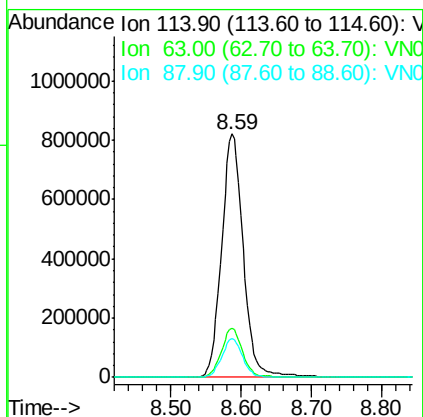
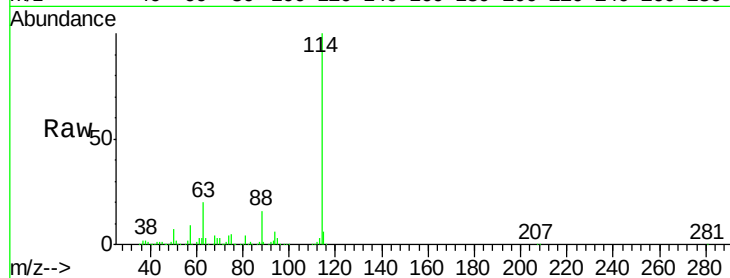




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049598.D
 Acq: 28 Jun 2018 18:51

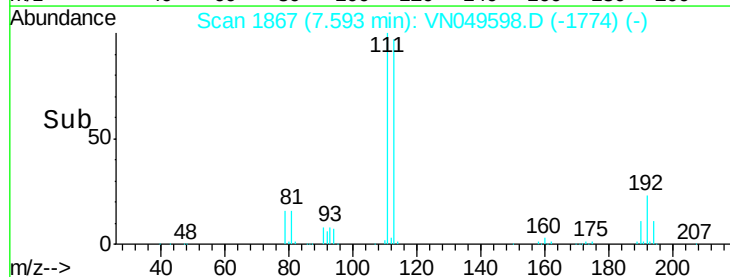
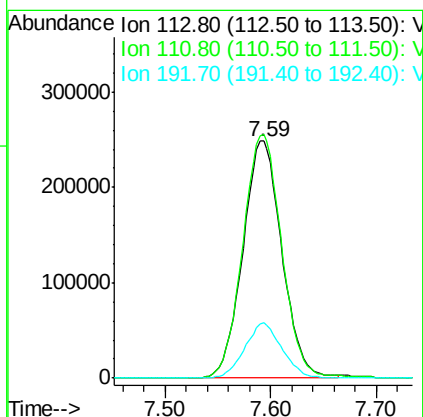
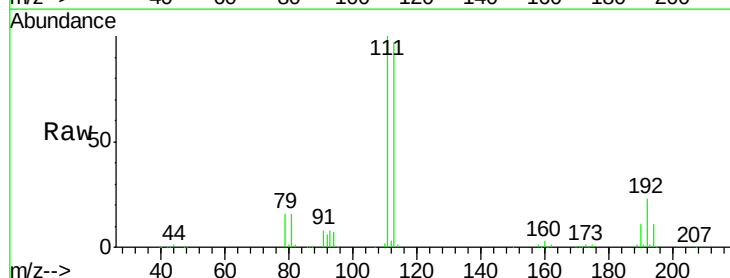
Instrument :
 MSVOA_N
 ClientSampleId :
 WS-SOIL

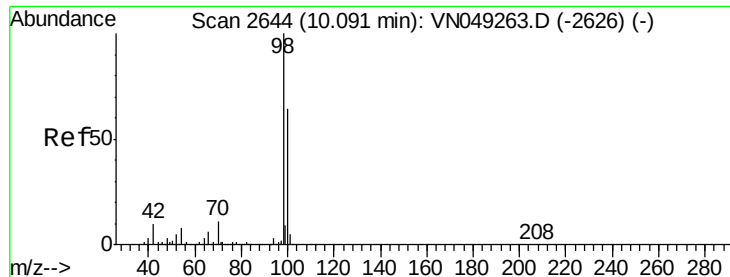
Tot Ion:114 Resp: 1766630
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.4
 88 16.1 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 44.63 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049598.D
 Acq: 28 Jun 2018 18:51

Tgt Ion:113 Resp: 637954
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.4 123.6
 192 22.4 15.0 22.6





#50

Toluene-d8

Concen: 43.57 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049598.D

Acq: 28 Jun 2018 18:51

Instrument :

MSVOA_N

ClientSampled :

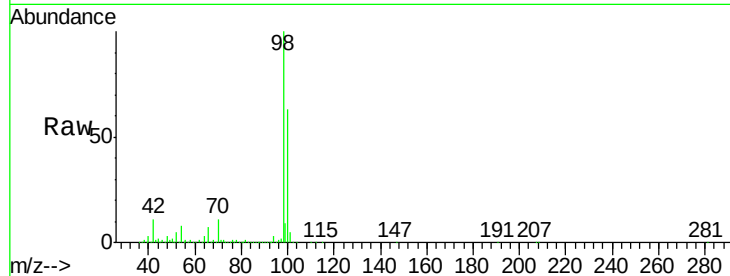
WS-SOIL

Tot Ion: 98 Resp: 2371132

Ion Ratio Lower Upper

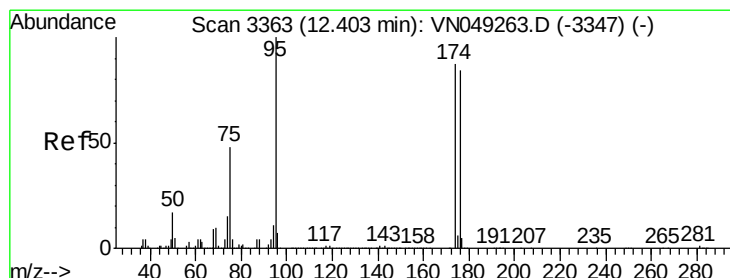
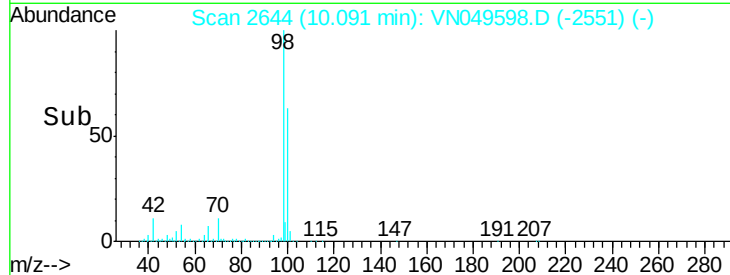
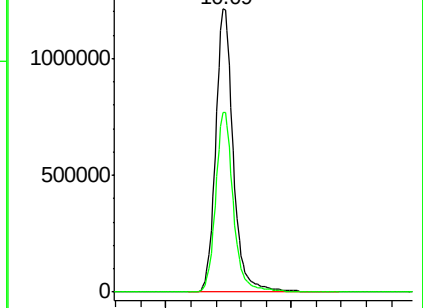
98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049598.D (-3270) (-)

Ion 100.00 (99.70 to 100.70): VN049598.D (-3270) (-)



#62

4-Bromofluorobenzene

Concen: 38.82 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049598.D

Acq: 28 Jun 2018 18:51

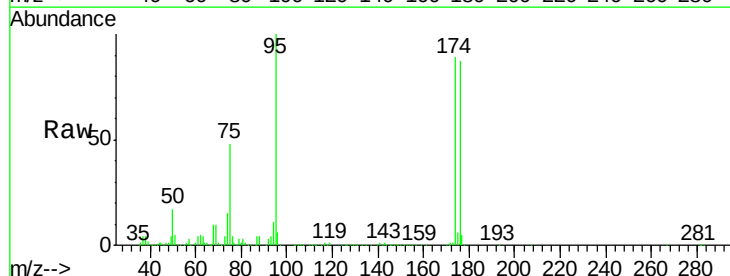
Tgt Ion: 95 Resp: 698473

Ion Ratio Lower Upper

95 100

174 90.3 0.0 165.6

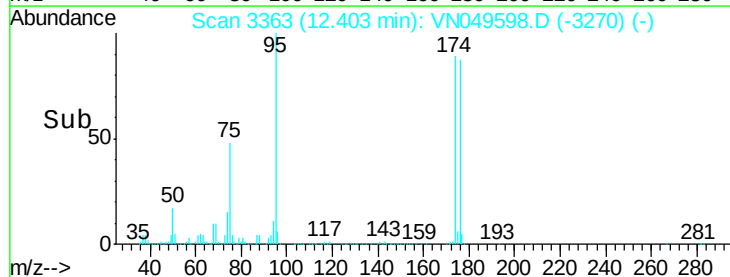
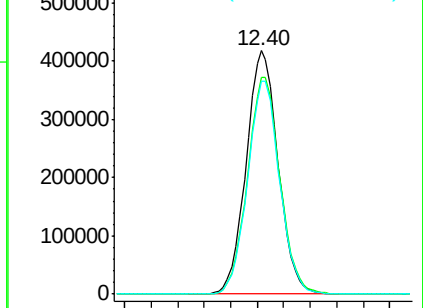
176 87.6 0.0 157.4

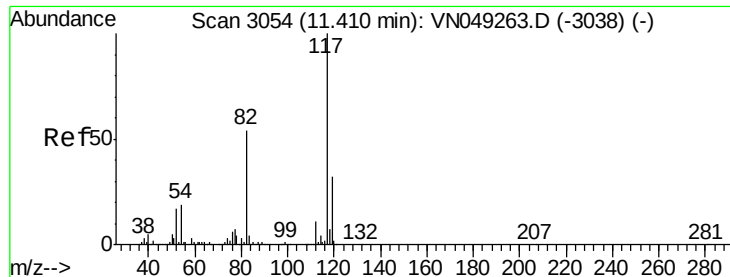


Abundance Ion 94.90 (94.60 to 95.60): VN049598.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049598.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049598.D (-3270) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049598.D

Acq: 28 Jun 2018 18:51

Instrument :

MSVOA_N

ClientSampled :

WS-SOIL

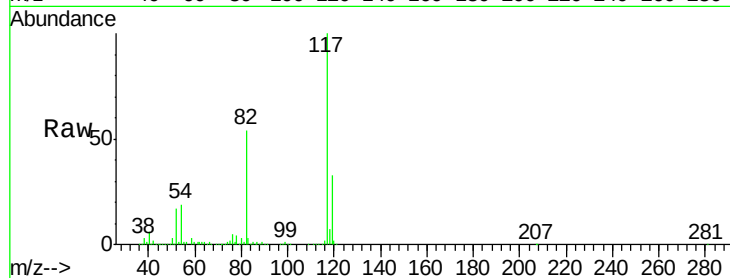
Tot Ion:117 Resp: 1474592

Ion Ratio Lower Upper

117 100

82 53.5 45.9 68.9

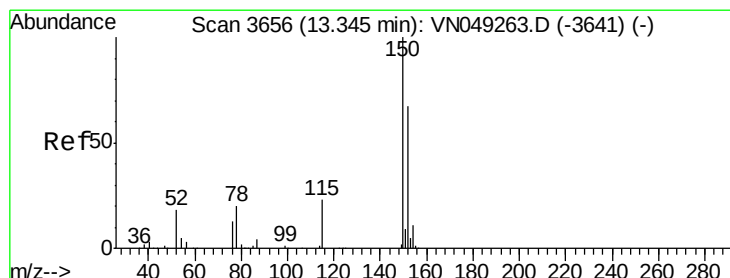
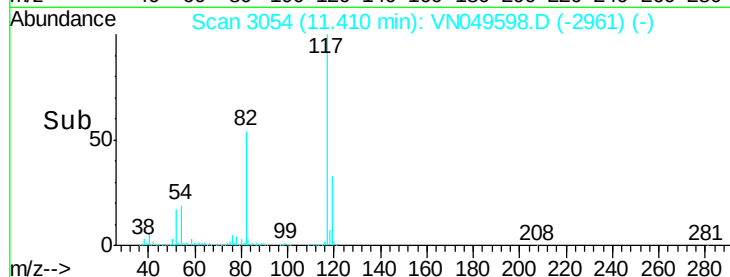
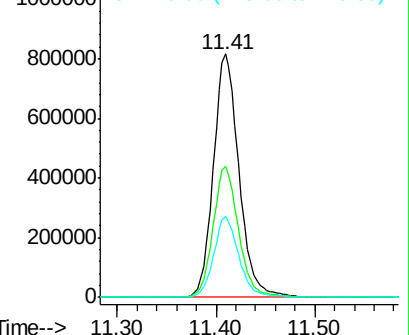
119 33.1 25.5 38.3



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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049598.D

Acq: 28 Jun 2018 18:51

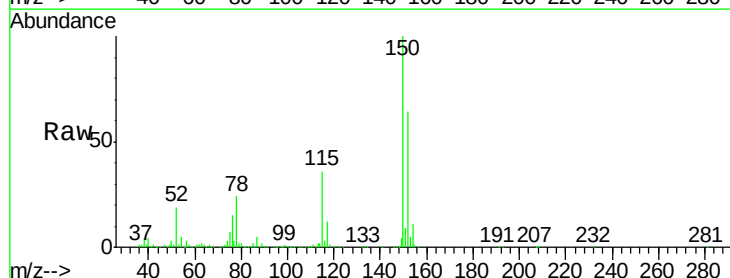
Tgt Ion:152 Resp: 605006

Ion Ratio Lower Upper

152 100

115 56.5 28.7 86.1

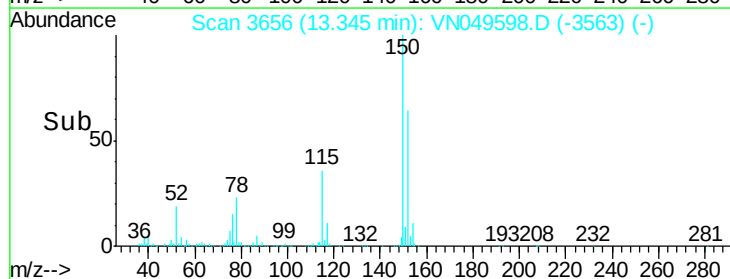
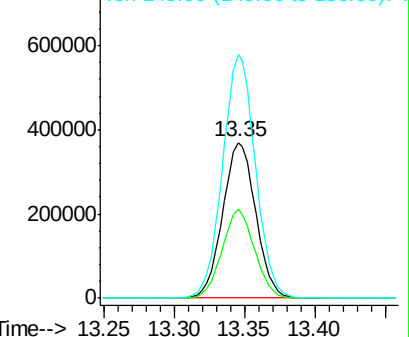
150 155.9 0.0 351.0

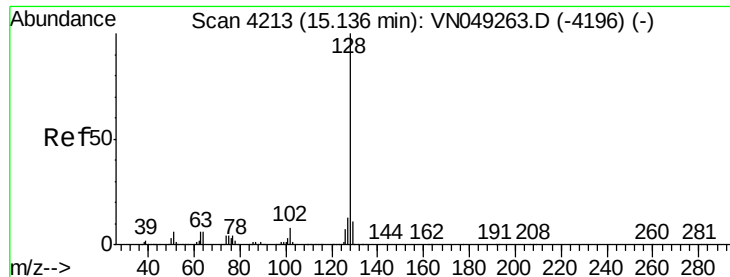


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 17.58 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049598.D

Acq: 28 Jun 2018 18:51

Instrument :

MSVOA_N

ClientSampleId :

WS-SOIL

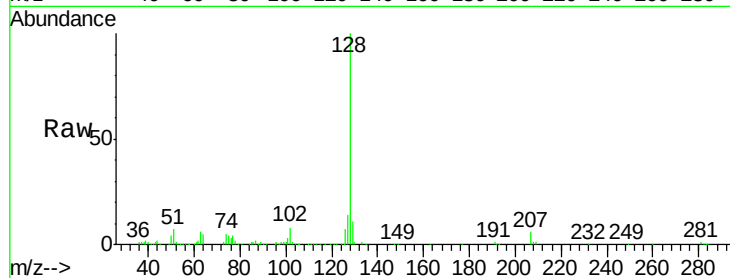
Tot Ion:128 Resp: 271814

Ion Ratio Lower Upper

128 100

127 13.9 10.6 16.0

129 10.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

