

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049978.D
 Acq On : 20 Jul 2018 21:59
 Operator : MD\SY
 Sample : J4057-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-1

Quant Time: Jul 21 03:19:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	541656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	940418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	779445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	283881	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	403958	54.26	ug/l	0.00
Spiked Amount						
			Recovery	=	108.52%	
35) Dibromofluoromethane	7.59	113	357169	45.24	ug/l	0.00
Spiked Amount						
			Recovery	=	90.48%	
50) Toluene-d8	10.09	98	1260255	43.81	ug/l	0.00
Spiked Amount						
			Recovery	=	87.62%	
62) 4-Bromofluorobenzene	12.40	95	338014	34.12	ug/l	0.00
Spiked Amount						
			Recovery	=	68.24%	

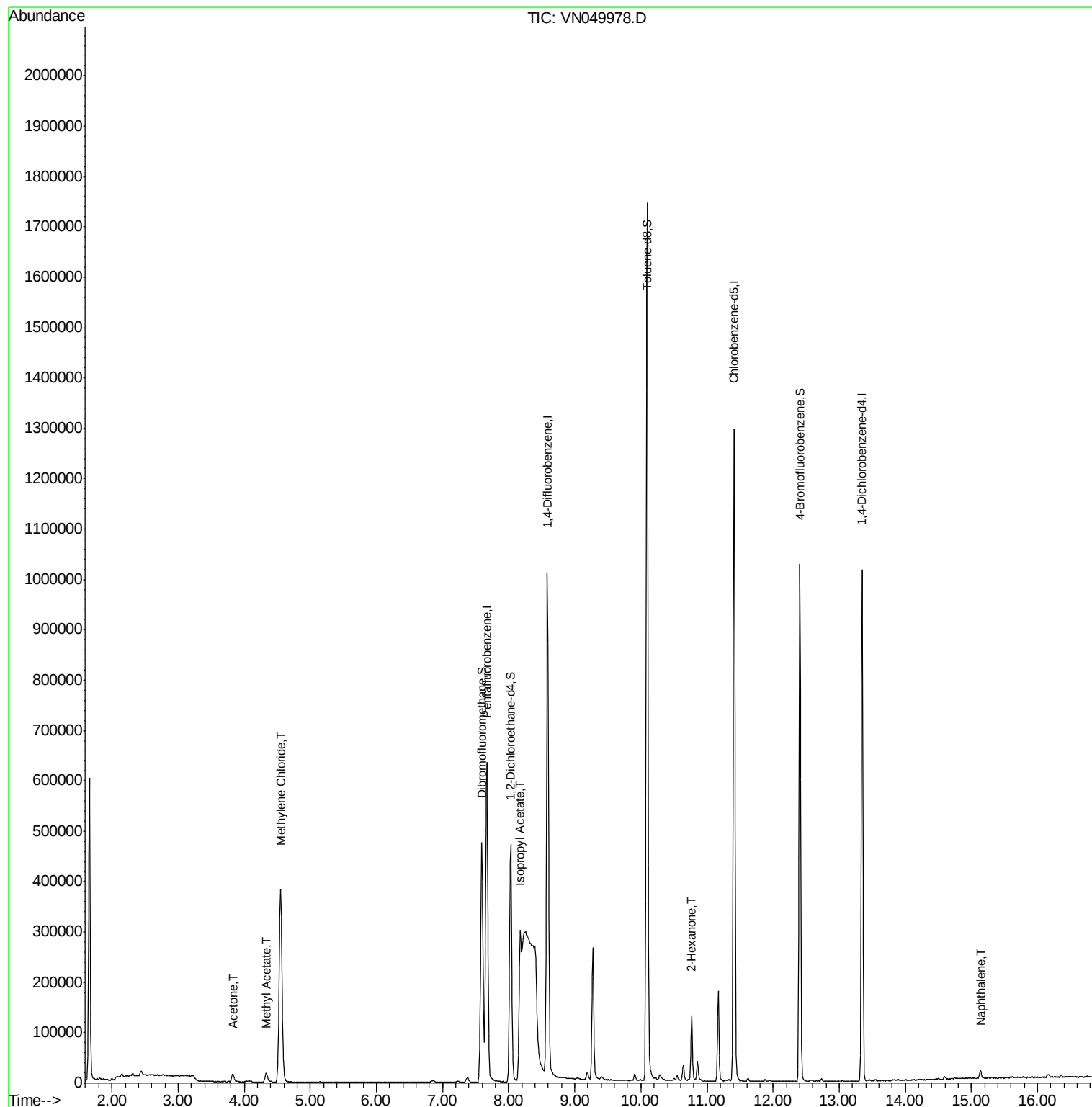
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	27877	14.46	ug/l	98
18) Methyl Acetate	4.33	43	35118	5.06	ug/l	95
20) Methylene Chloride	4.55	84	298044	40.66	ug/l	98
43) Isopropyl Acetate	8.17	43	355721	28.36	ug/l #	88
59) 2-Hexanone	10.77	43	18689	3.97	ug/l #	57
95) Naphthalene	15.14	128	14484	5.47	ug/l	99

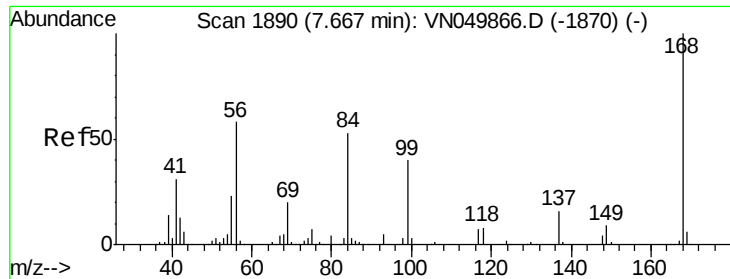
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049978.D

Acq: 20 Jul 2018 21:59

Instrument :

MSVOA_N

ClientSampled :

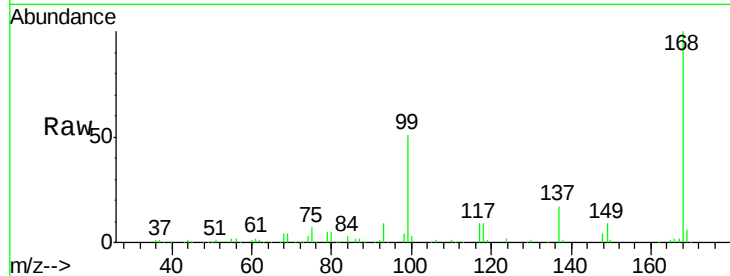
LS-SOIL-1

Tot Ion:168 Resp: 541656

Ion Ratio Lower Upper

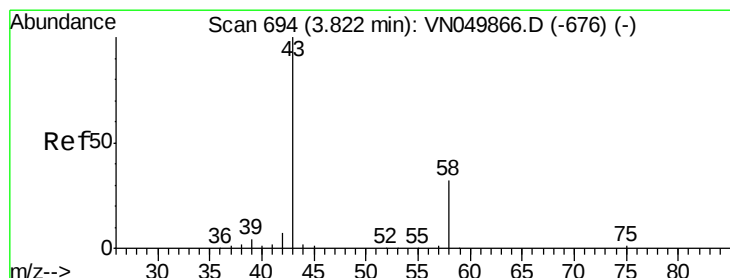
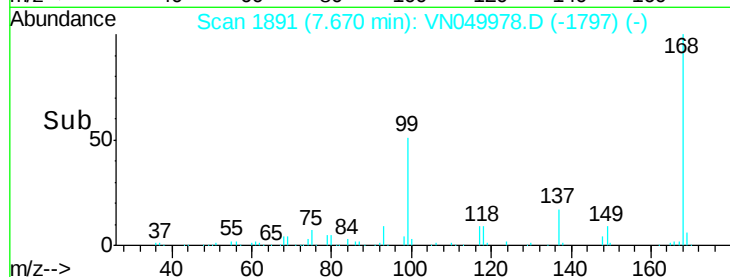
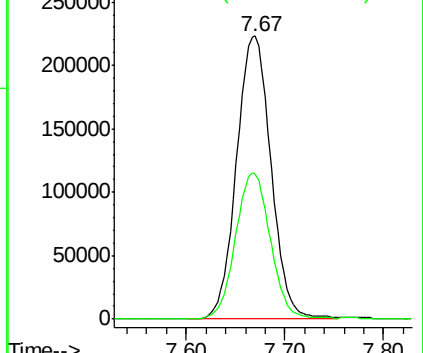
168 100

99 51.4 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: 14.46 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN049978.D

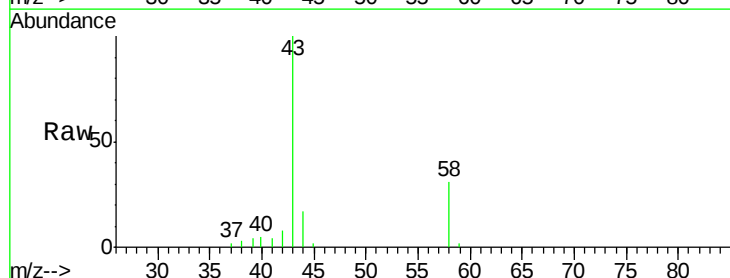
Acq: 20 Jul 2018 21:59

Tgt Ion: 43 Resp: 27877

Ion Ratio Lower Upper

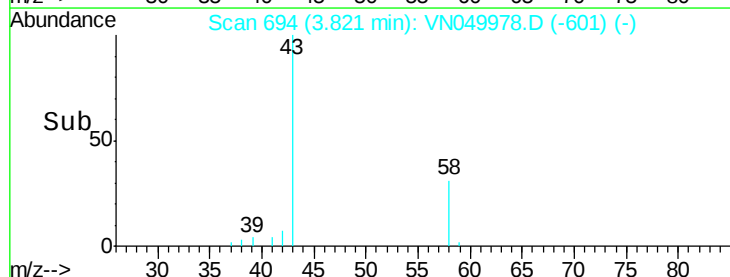
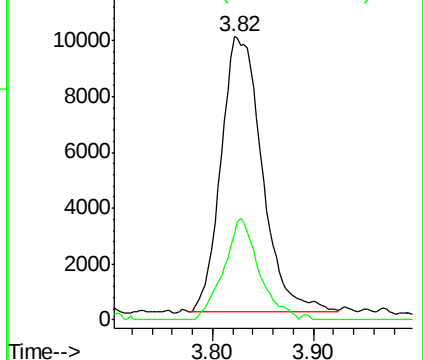
43 100

58 31.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#18

Methvl Acetate

Concen: 5.06 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049978.D

Acq: 20 Jul 2018 21:59

Instrument :

MSVOA_N

ClientSampled :

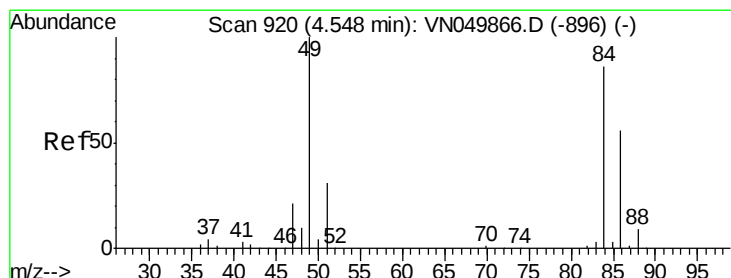
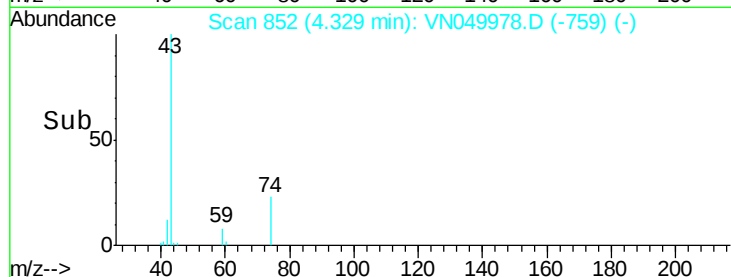
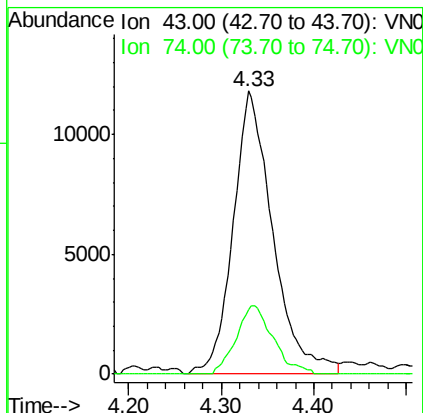
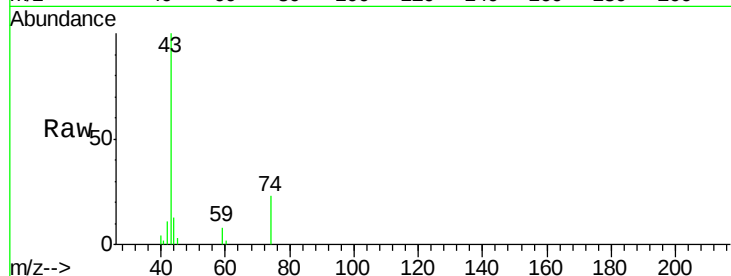
LS-SOIL-1

Tot Ion: 43 Resp: 35118

Ion Ratio Lower Upper

43 100

74 22.5 19.8 29.8



#20

Methylene Chloride

Concen: 40.66 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049978.D

Acq: 20 Jul 2018 21:59

Tgt Ion: 84 Resp: 298044

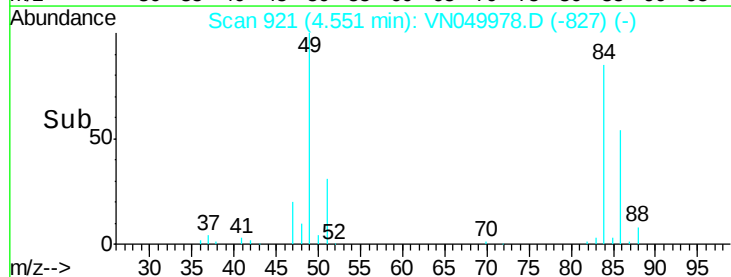
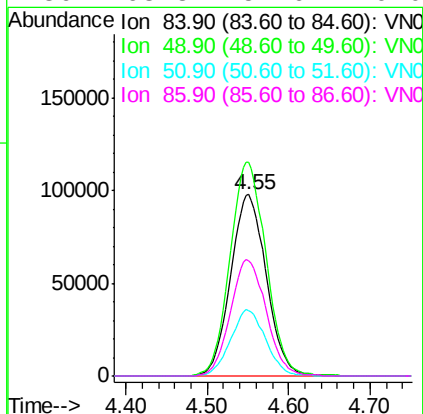
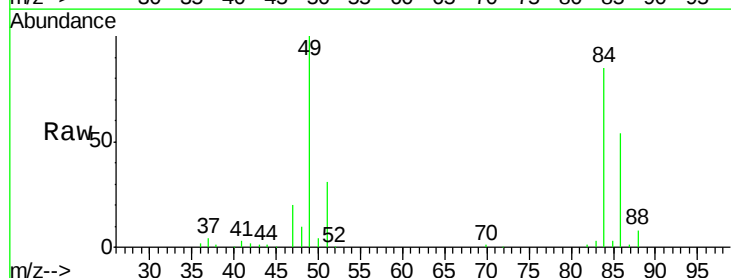
Ion Ratio Lower Upper

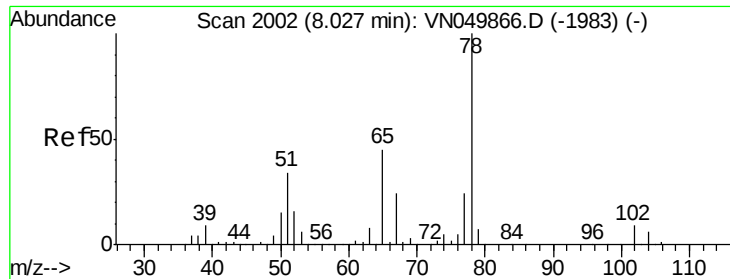
84 100

49 117.7 95.4 143.2

51 36.2 28.4 42.6

86 63.8 52.6 79.0

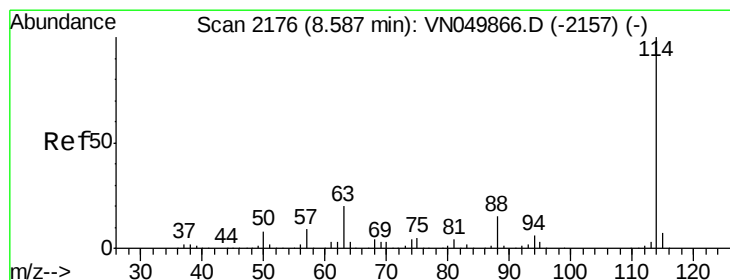
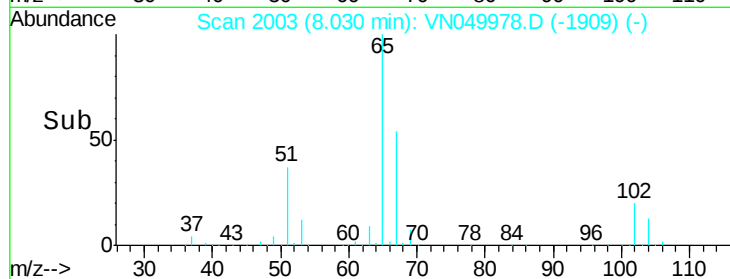
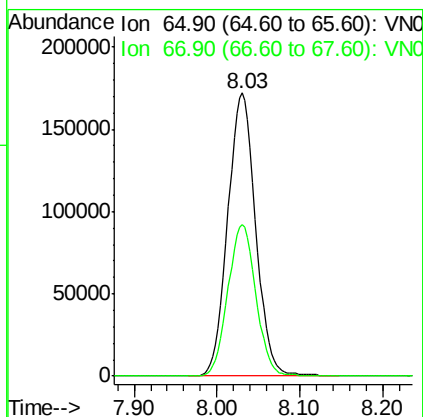
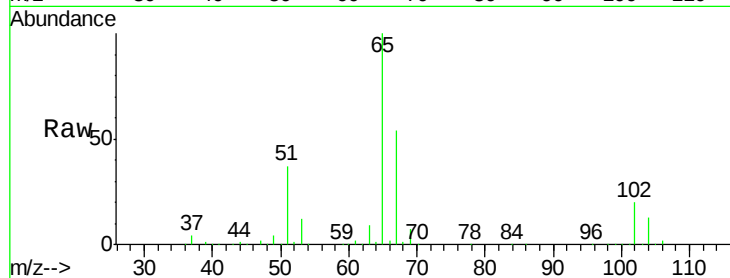




#33
 1,2-Dichloroethane-d4
 Concen: 54.26 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049978.D
 Acq: 20 Jul 2018 21:59

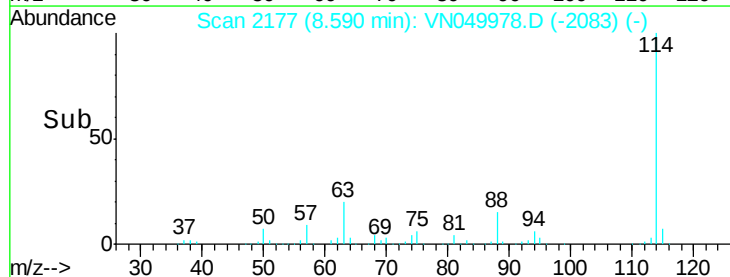
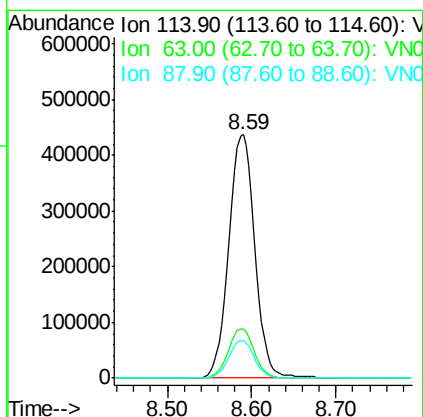
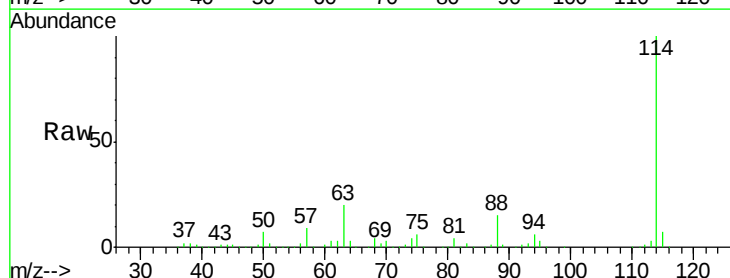
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-1

Tot Ion: 65 Resp: 403958
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049978.D
 Acq: 20 Jul 2018 21:59

Tgt Ion: 114 Resp: 940418
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.4 0.0 30.6

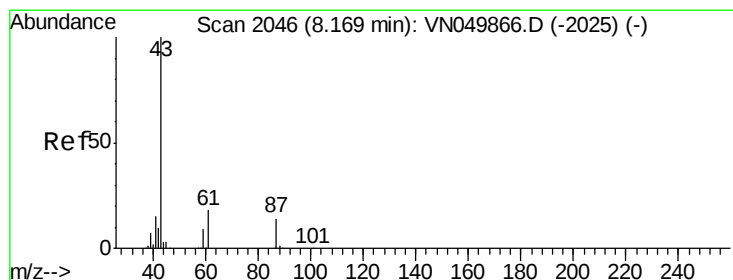
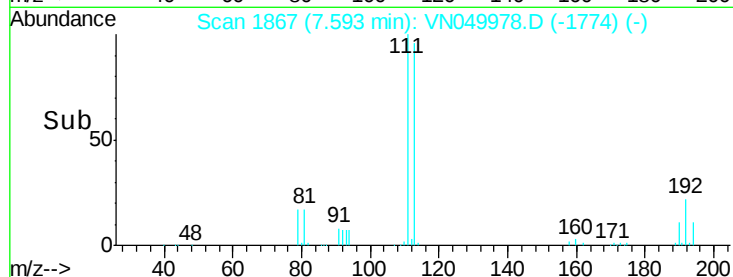
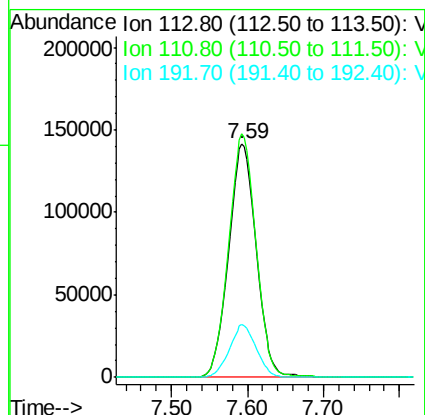
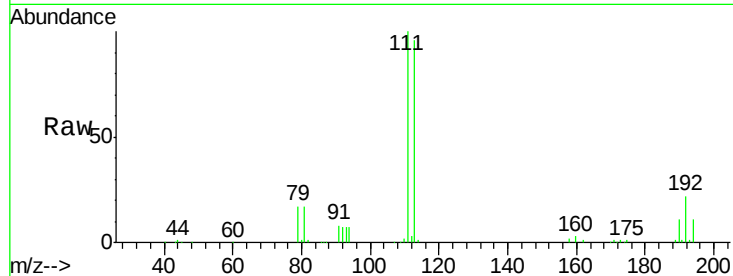




#35
 Dibromofluoromethane
 Concen: 45.24 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049978.D
 Acq: 20 Jul 2018 21:59

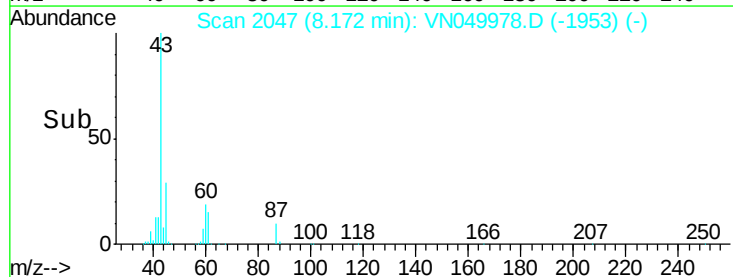
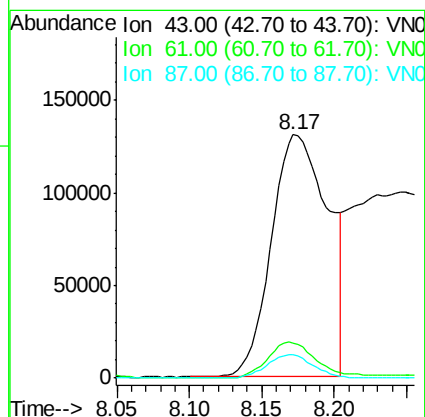
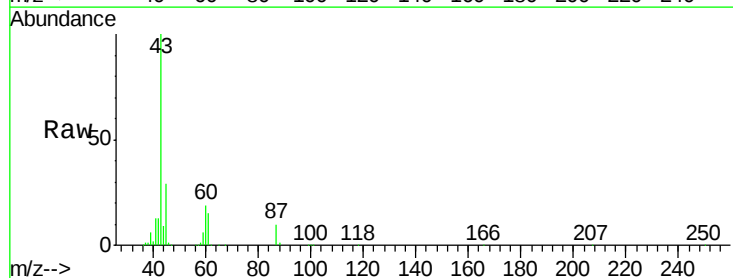
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-1

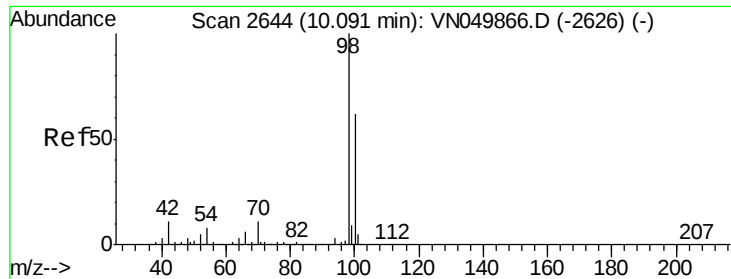
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.8
192	22.0	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 28.36 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049978.D
 Acq: 20 Jul 2018 21:59

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.1	14.9	22.3#
87	8.1	10.0	15.0#

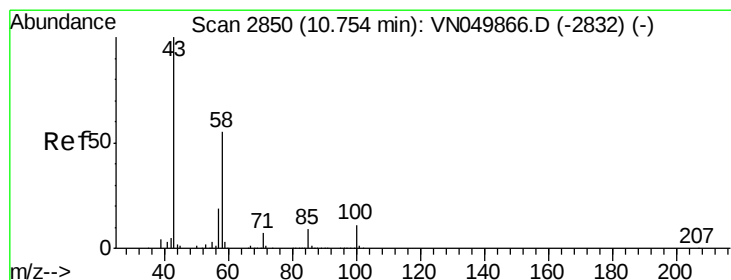
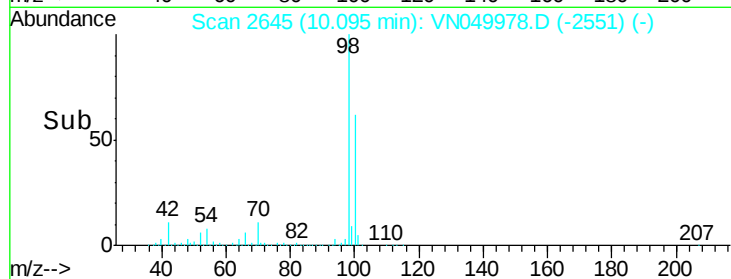
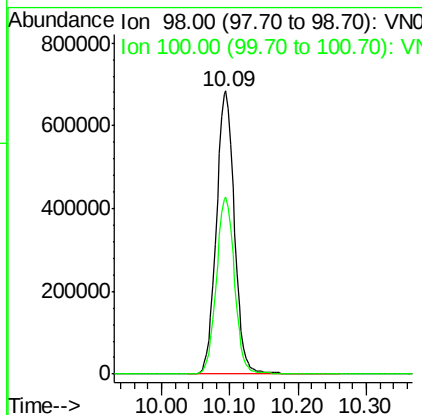
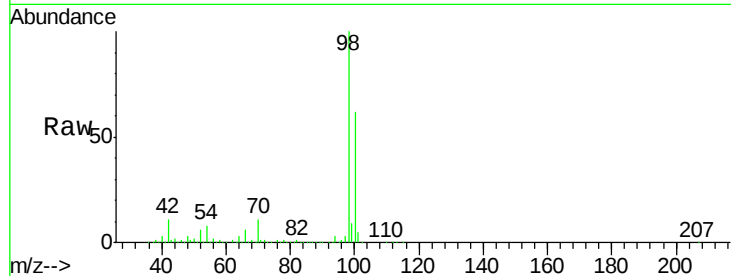




#50
Toluene-d8
Concen: 43.81 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049978.D
Acq: 20 Jul 2018 21:59

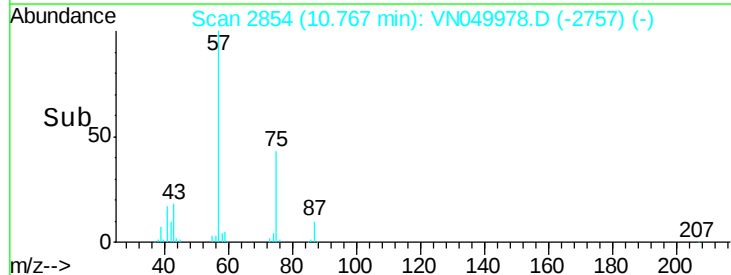
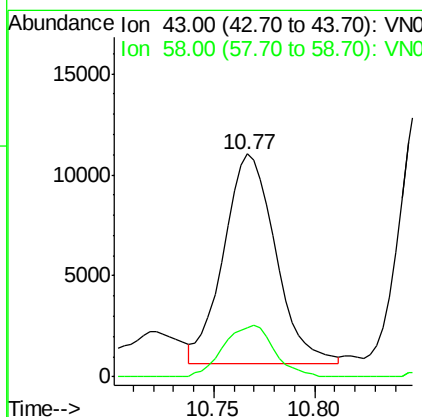
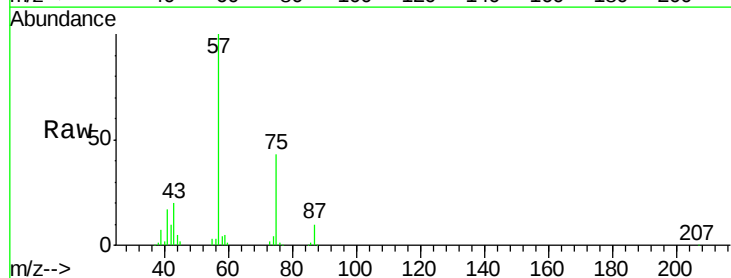
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-1

Tot Ion: 98 Resp: 1260255
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5



#59
2-Hexanone
Concen: 3.97 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049978.D
Acq: 20 Jul 2018 21:59

Tgt Ion: 43 Resp: 18689
Ion Ratio Lower Upper
43 100
58 24.2 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 34.12 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049978.D

Acq: 20 Jul 2018 21:59

Instrument :

MSVOA_N

ClientSampled :

LS-SOIL-1

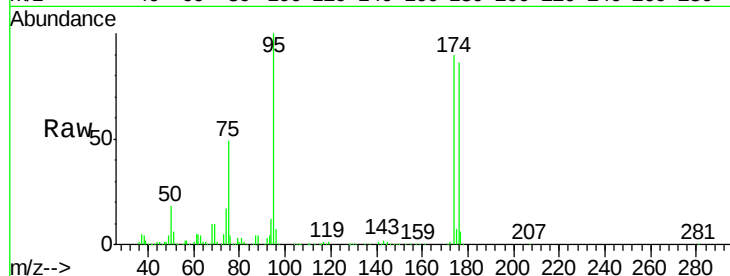
Tot Ion: 95 Resp: 338014

Ion Ratio Lower Upper

95 100

174 92.1 0.0 179.6

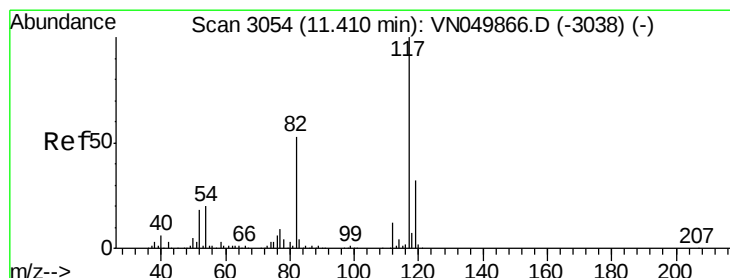
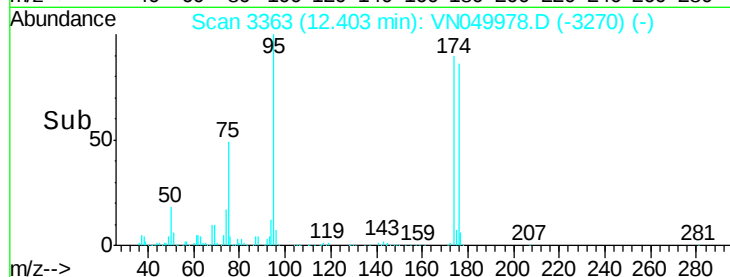
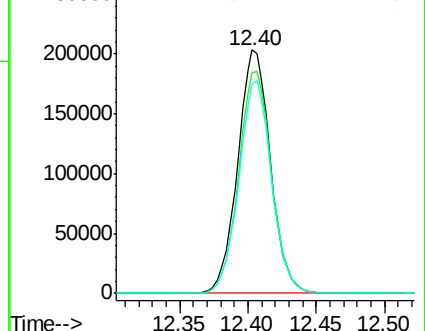
176 87.3 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049978.D

Acq: 20 Jul 2018 21:59

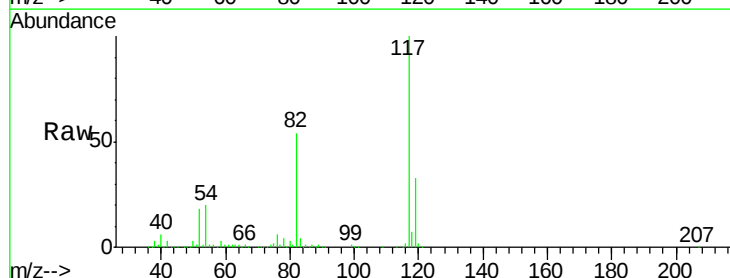
Tgt Ion: 117 Resp: 779445

Ion Ratio Lower Upper

117 100

82 53.8 41.9 62.9

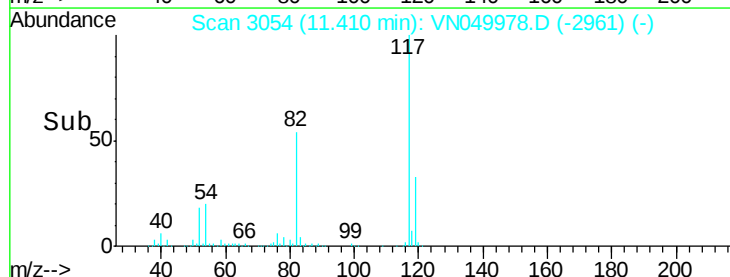
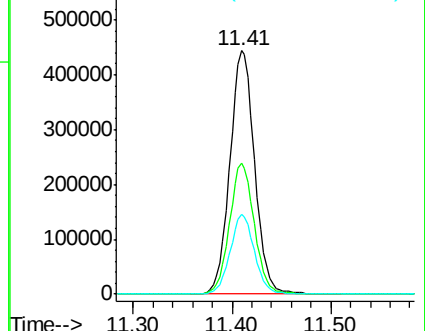
119 32.7 25.4 38.2

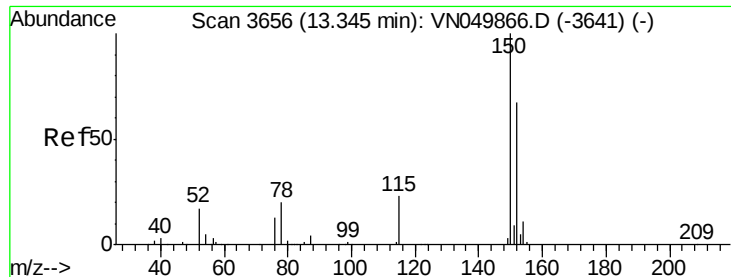


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049978.D

Acq: 20 Jul 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-1

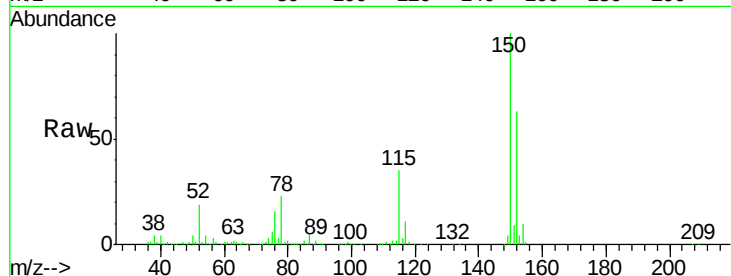
Tot Ion:152 Resp: 283881

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

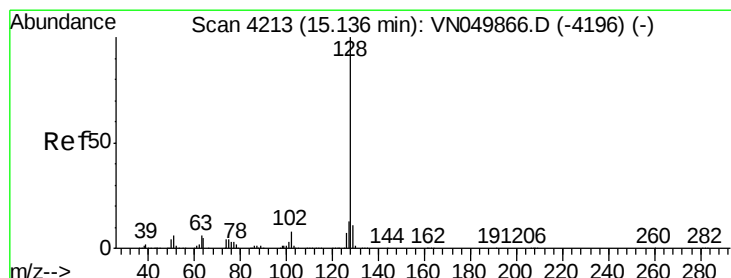
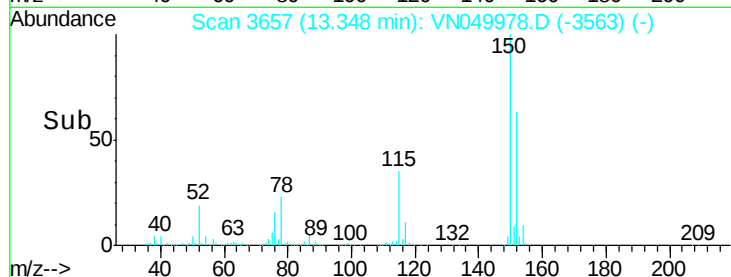
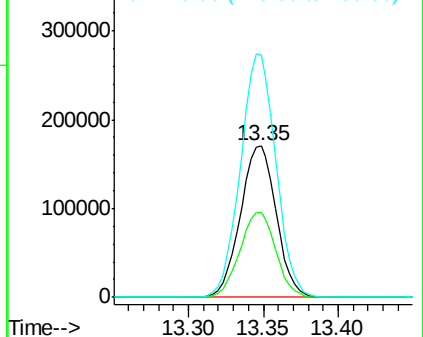
150 159.4 0.0 347.6



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: 5.47 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049978.D

Acq: 20 Jul 2018 21:59

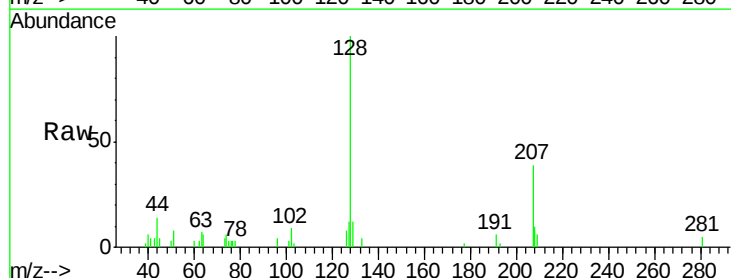
Tgt Ion:128 Resp: 14484

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 11.0 8.6 13.0



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

