

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049979.D
 Acq On : 20 Jul 2018 22:25
 Operator : MD\SY
 Sample : J4057-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-3

Quant Time: Jul 21 03:20:53 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	528909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	929321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	773154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	284972	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	393424	54.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.24%	
35) Dibromofluoromethane	7.59	113	343168	43.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.98%	
50) Toluene-d8	10.09	98	1230927	43.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.60%	
62) 4-Bromofluorobenzene	12.40	95	339818	34.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	69.42%	

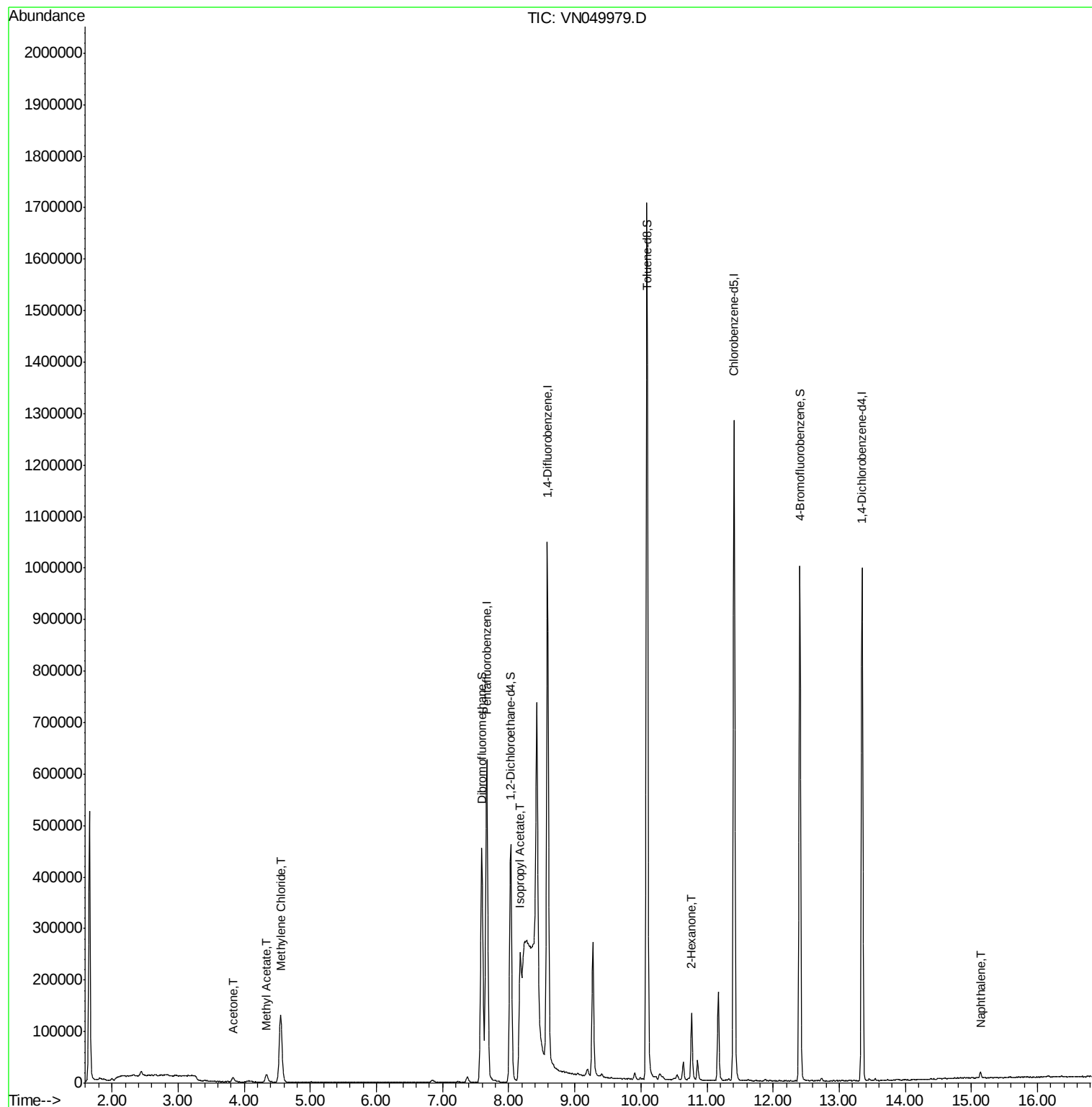
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	13232	7.03	ug/l	# 88
18) Methyl Acetate	4.34	43	28302	4.03	ug/l	95
20) Methylene Chloride	4.55	84	99031	13.84	ug/l	97
43) Isopropyl Acetate	8.17	43	289584	23.36	ug/l	# 93
59) 2-Hexanone	10.77	43	17687	3.80	ug/l	# 57
95) Naphthalene	15.14	128	9105	5.11	ug/l	98

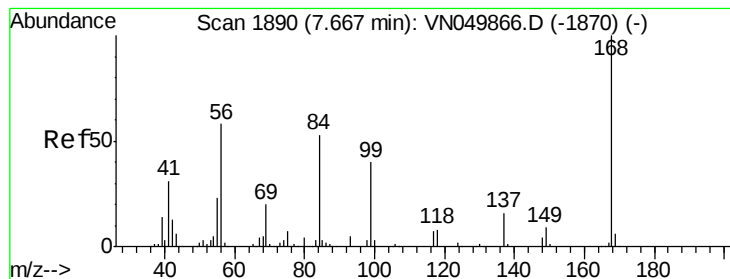
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072018\
Data File : VN049979.D
Acq On : 20 Jul 2018 22:25
Operator : MD\SY
Sample : J4057-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LS-SOIL-3

Quant Time: Jul 21 03:20:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
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: VN049979.D

Acq: 20 Jul 2018 22:25

Instrument :

MSVOA_N

ClientSampled :

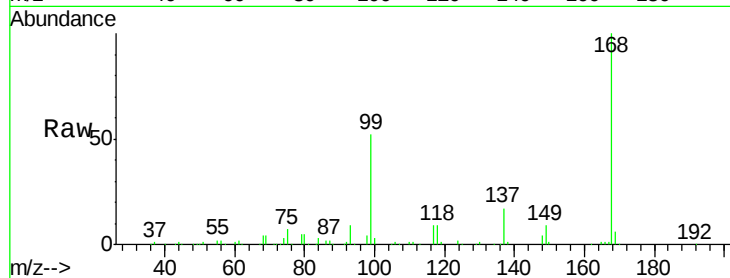
LS-SOIL-3

Tot Ion:168 Resp: 528909

Ion Ratio Lower Upper

168 100

99 52.4 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

250000

200000

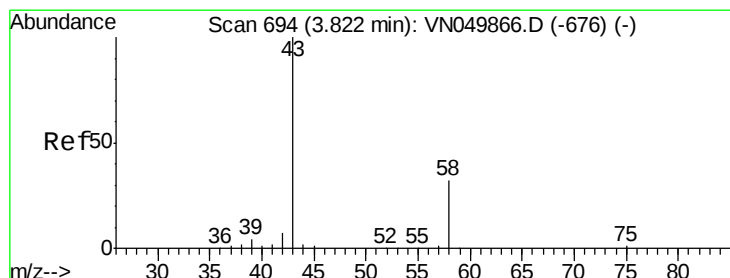
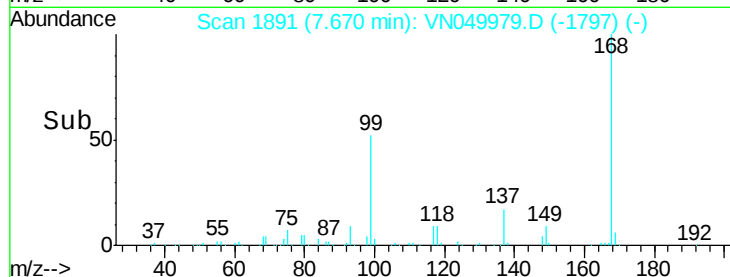
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 7.03 ug/l

RT: 3.83 min Scan# 698

Delta R.T. 0.01 min

Lab File: VN049979.D

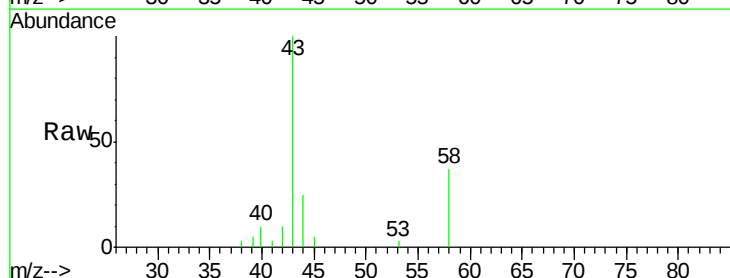
Acq: 20 Jul 2018 22:25

Tgt Ion: 43 Resp: 13232

Ion Ratio Lower Upper

43 100

58 39.2 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

6000

5000

4000

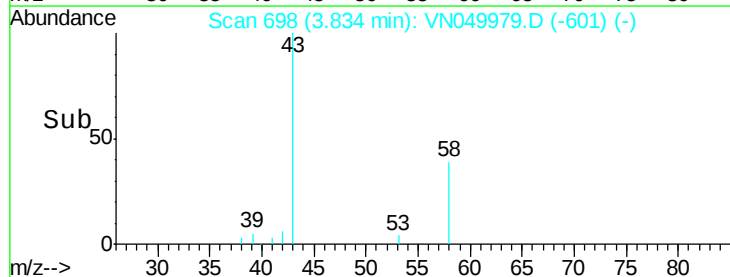
3000

2000

1000

0

Time--> 3.75 3.80 3.85 3.90

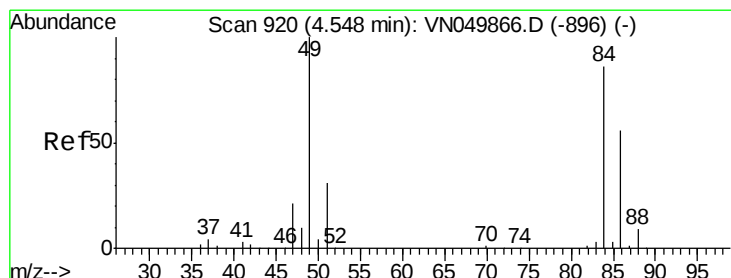
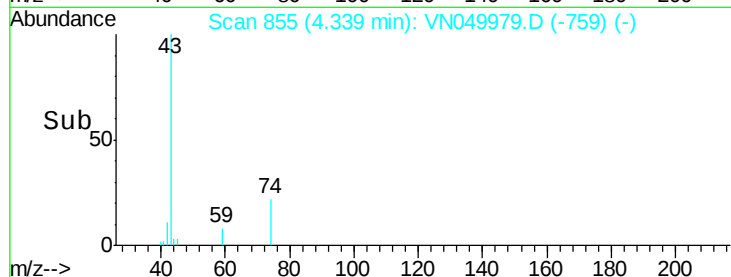
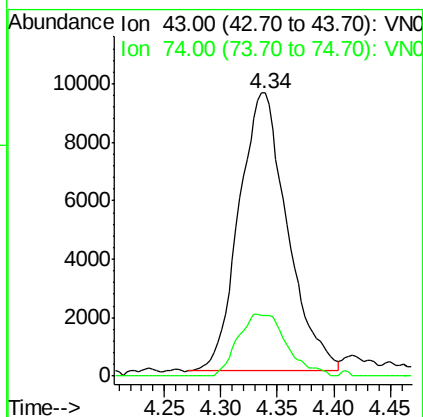
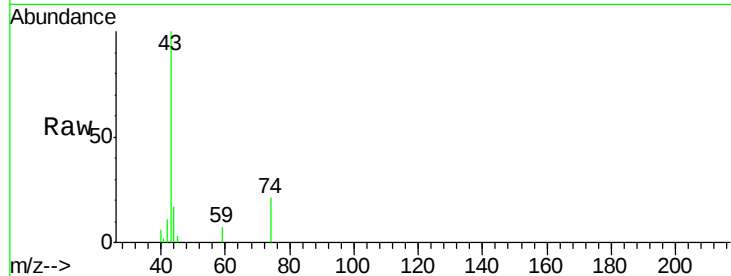




#18
Methvl Acetate
Concen: 4.03 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN049979.D
Acq: 20 Jul 2018 22:25

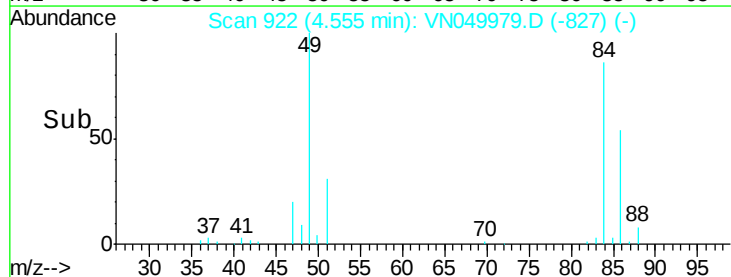
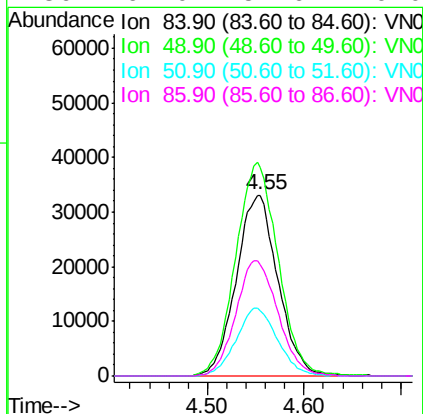
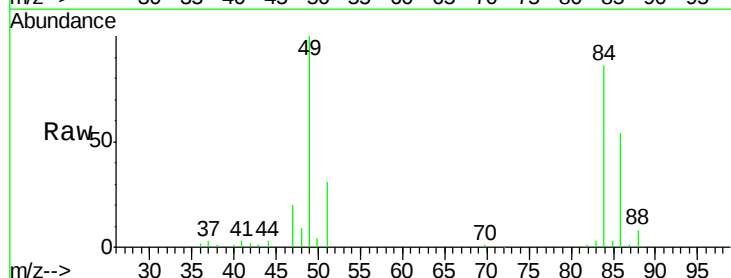
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-3

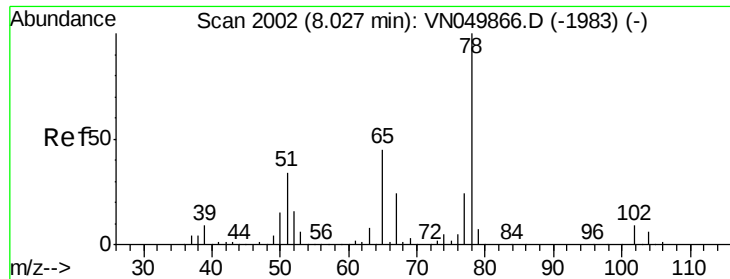
Tot Ion: 43 Resp: 28302
Ion Ratio Lower Upper
43 100
74 22.5 19.8 29.8



#20
Methylene Chloride
Concen: 13.84 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049979.D
Acq: 20 Jul 2018 22:25

Tgt Ion: 84 Resp: 99031
Ion Ratio Lower Upper
84 100
49 115.8 95.4 143.2
51 36.2 28.4 42.6
86 62.0 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 54.12 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049979.D

Acq: 20 Jul 2018 22:25

Instrument :

MSVOA_N

ClientSampleId :

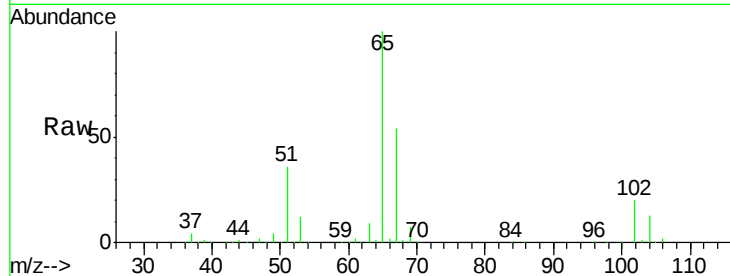
LS-SOIL-3

Tot Ion: 65 Resp: 393424

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049979.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049979.D (-1909) (-)

8.03

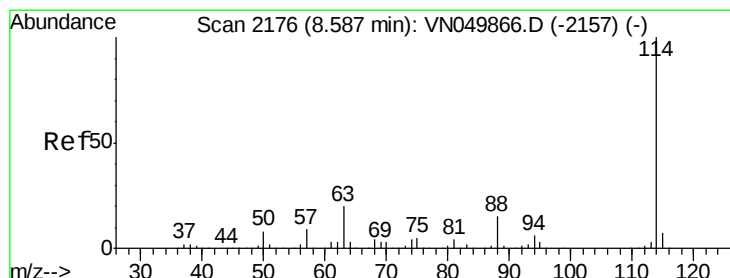
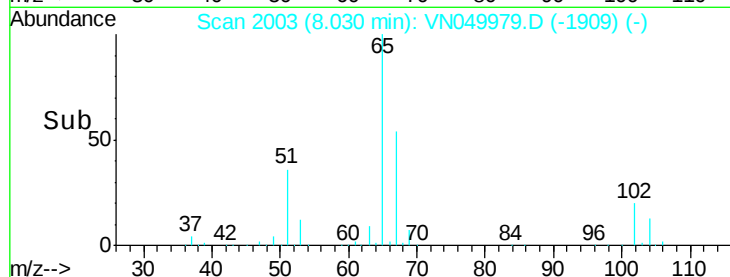
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049979.D

Acq: 20 Jul 2018 22:25

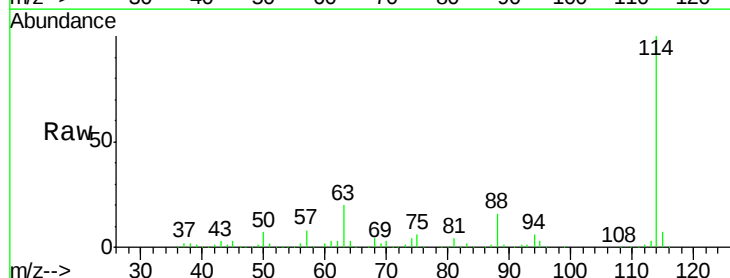
Tgt Ion: 114 Resp: 929321

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

88 15.7 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN049979.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049979.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049979.D (-2083) (-)

8.59

600000

500000

400000

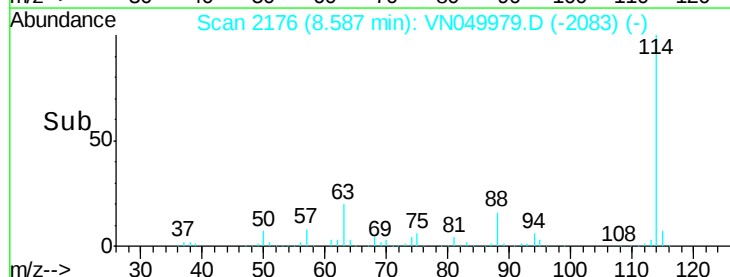
300000

200000

100000

0

Time-->

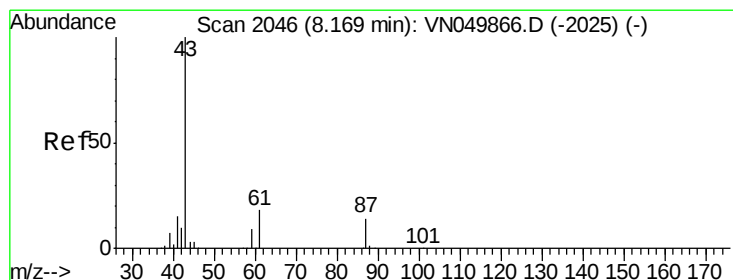
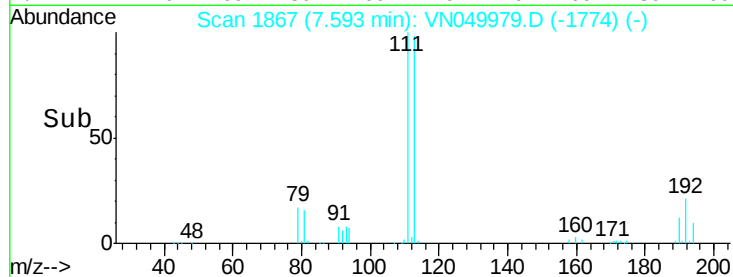
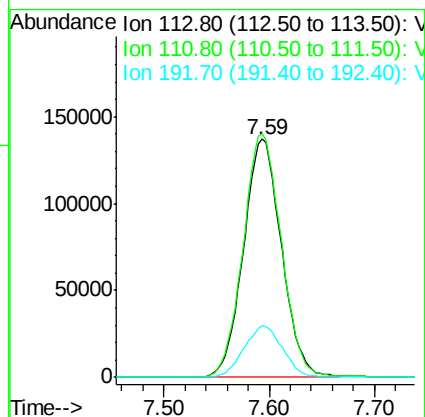
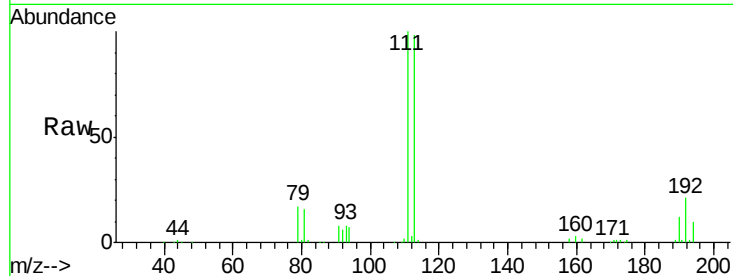




#35
 Dibromofluoromethane
 Concen: 43.99 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049979.D
 Acq: 20 Jul 2018 22:25

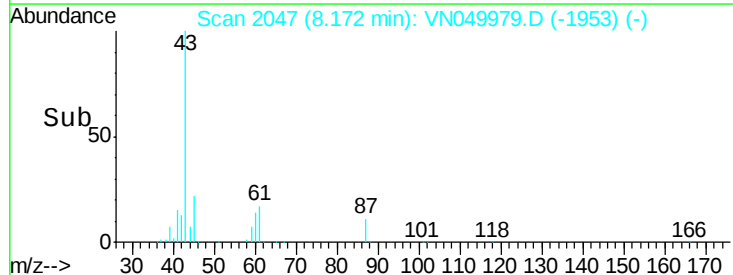
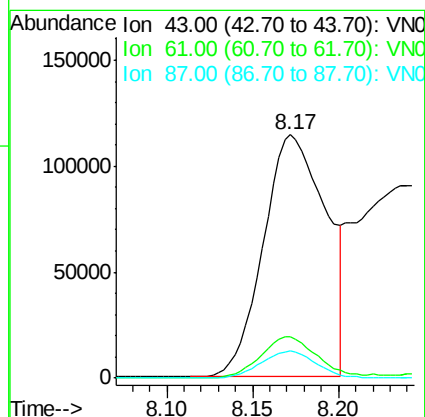
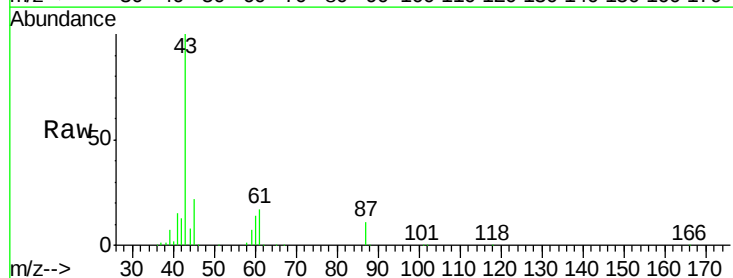
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-3

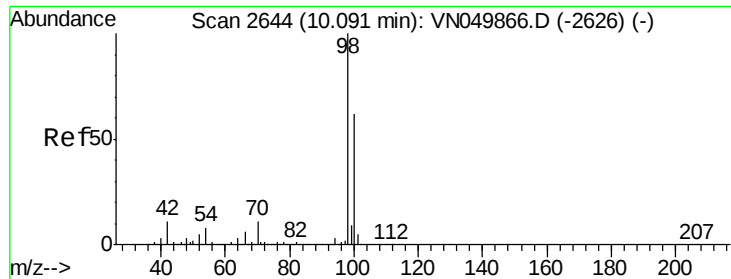
Tot Ion:113 Resp: 343168
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.8 122.8
 192 22.0 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 23.36 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049979.D
 Acq: 20 Jul 2018 22:25

Tgt Ion: 43 Resp: 289584
 Ion Ratio Lower Upper
 43 100
 61 15.2 14.9 22.3
 87 9.9 10.0 15.0#

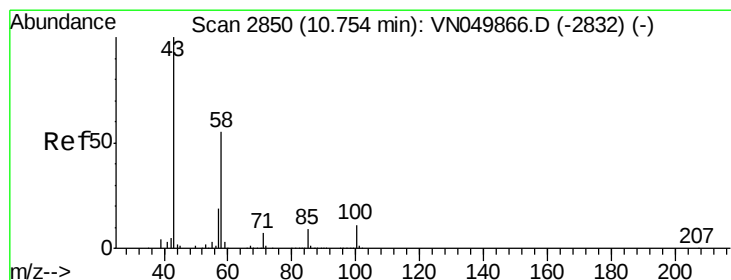
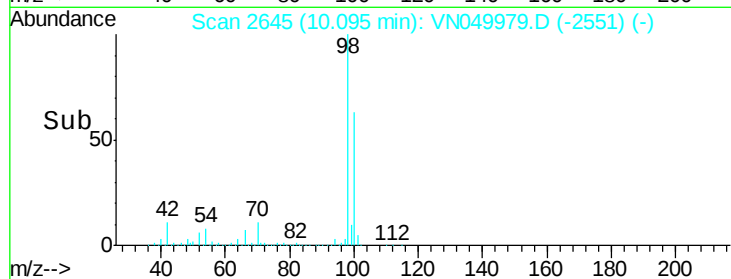
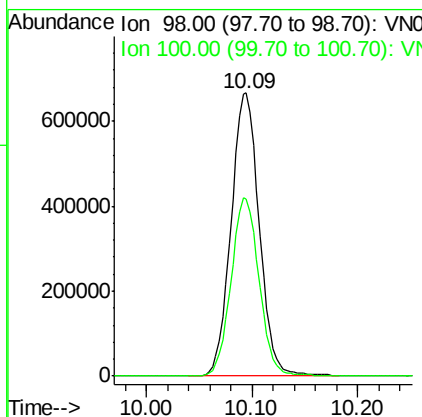
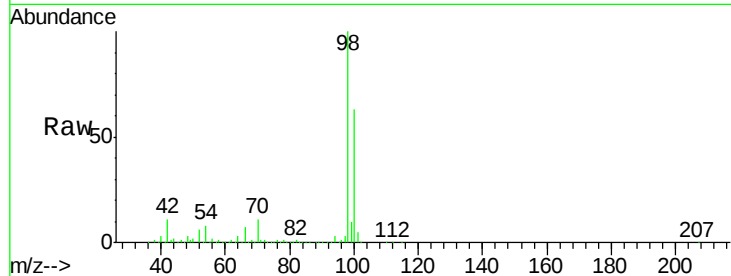




#50
Toluene-d8
Concen: 43.30 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049979.D
Acq: 20 Jul 2018 22:25

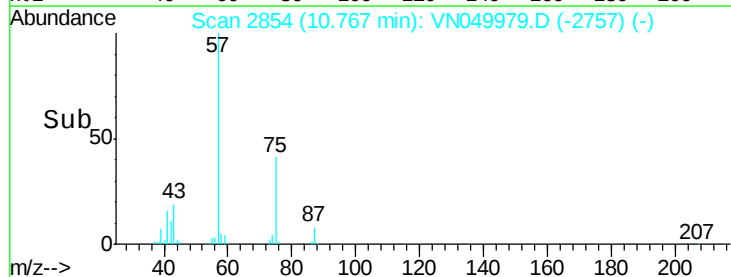
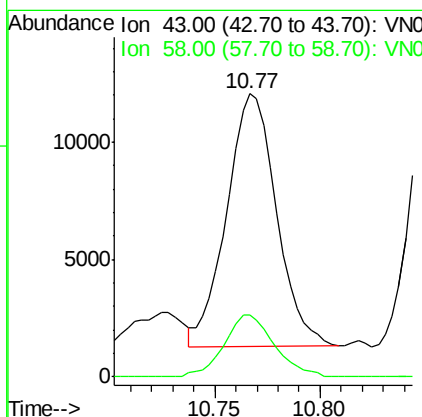
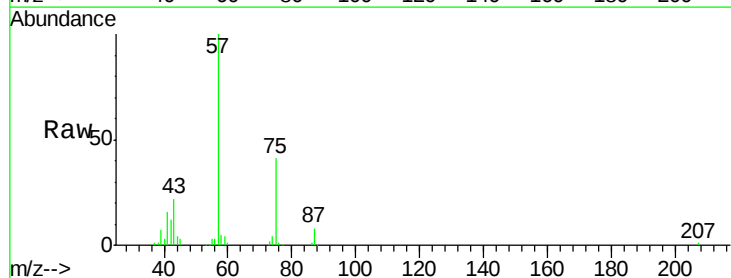
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-3

Tot Ion: 98 Resp: 1230927
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#59
2-Hexanone
Concen: 3.80 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049979.D
Acq: 20 Jul 2018 22:25

Tgt Ion: 43 Resp: 17687
Ion Ratio Lower Upper
43 100
58 24.7 27.8 83.4#

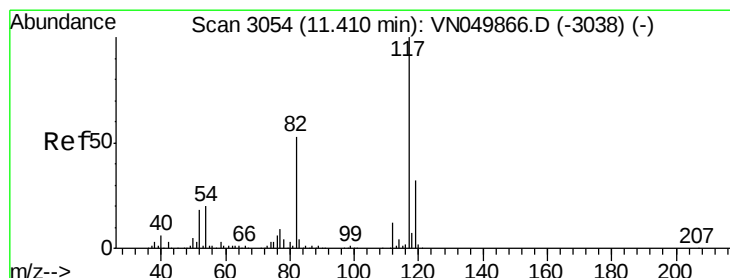
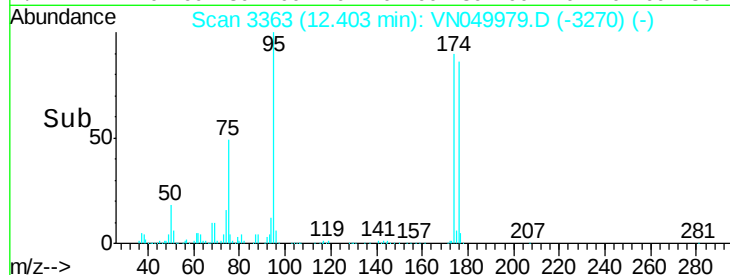
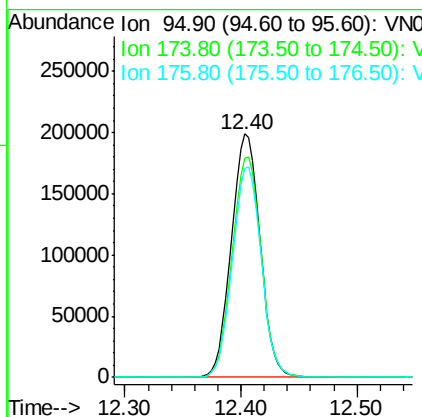
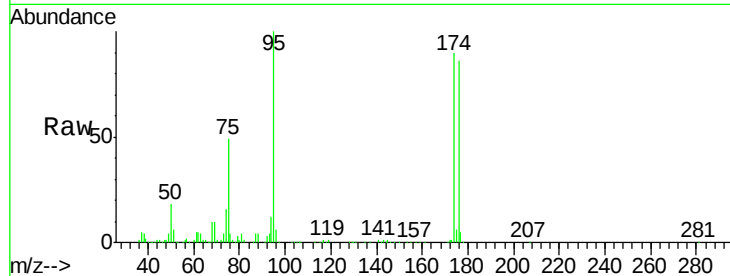




#62
4-Bromofluorobenzene
Concen: 34.71 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049979.D
Acq: 20 Jul 2018 22:25

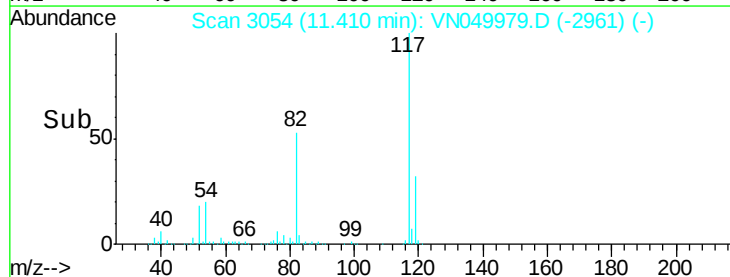
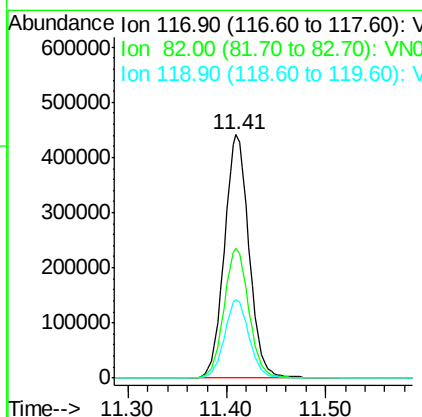
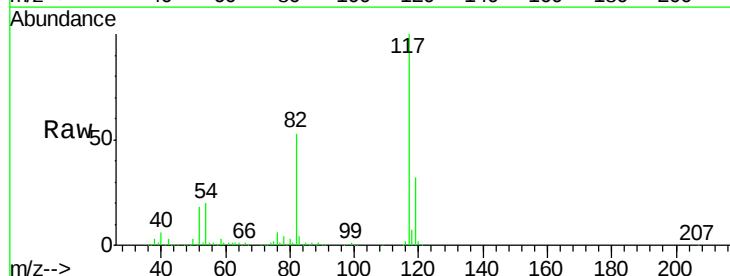
Instrument :
MSVOA_N
ClientSampleId :
LS-SOIL-3

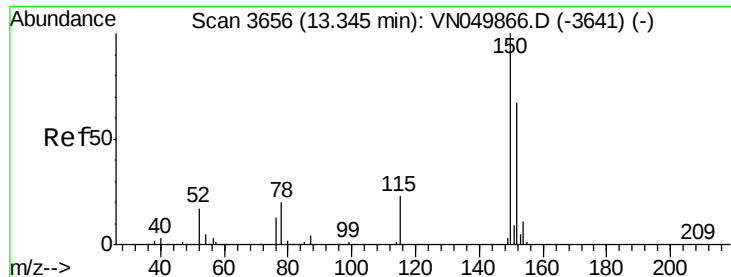
Tot Ion: 95 Resp: 339818
Ion Ratio Lower Upper
95 100
174 91.5 0.0 179.6
176 86.7 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049979.D
Acq: 20 Jul 2018 22:25

Tgt Ion: 117 Resp: 773154
Ion Ratio Lower Upper
117 100
82 53.5 41.9 62.9
119 32.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049979.D

Acq: 20 Jul 2018 22:25

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-3

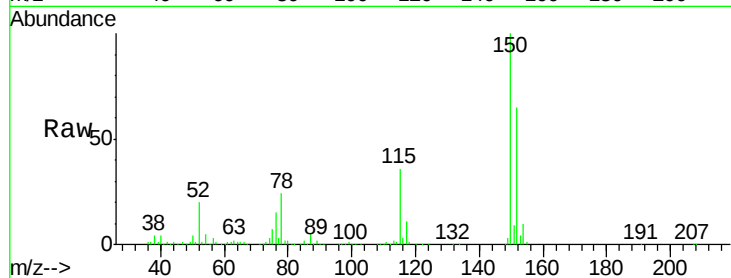
Tot Ion:152 Resp: 284972

Ion Ratio Lower Upper

152 100

115 56.7 28.1 84.2

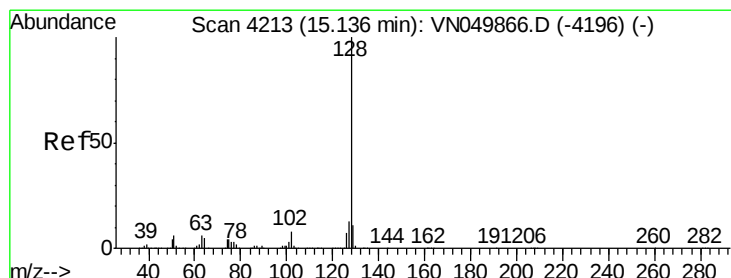
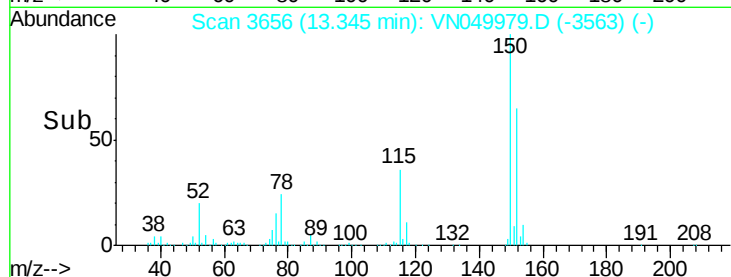
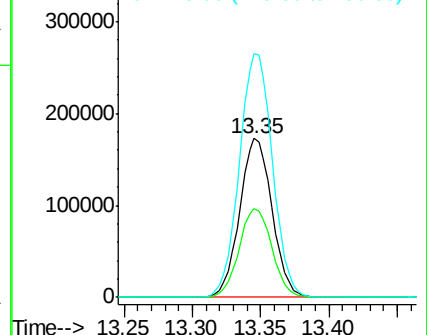
150 156.7 0.0 347.6



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: 5.11 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049979.D

Acq: 20 Jul 2018 22:25

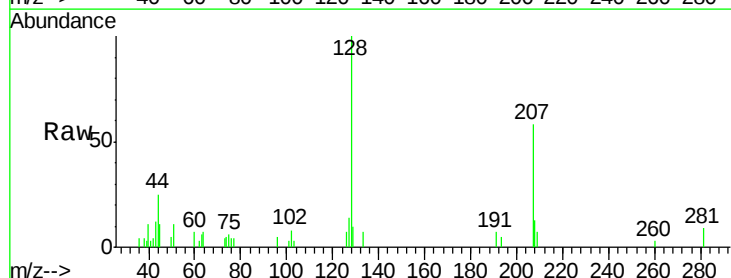
Tgt Ion:128 Resp: 9105

Ion Ratio Lower Upper

128 100

127 11.9 10.4 15.6

129 10.1 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

