

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051418.D
 Acq On : 23 Sep 2018 17:15
 Operator : MD\SY
 Sample : J5021-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-C

Quant Time: Sep 24 07:44:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	657793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1012756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	863704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	338891	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	445228	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
35) Dibromofluoromethane	7.59	113	393641	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	10.09	98	1420279	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
62) 4-Bromofluorobenzene	12.40	95	399807	40.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.06%	

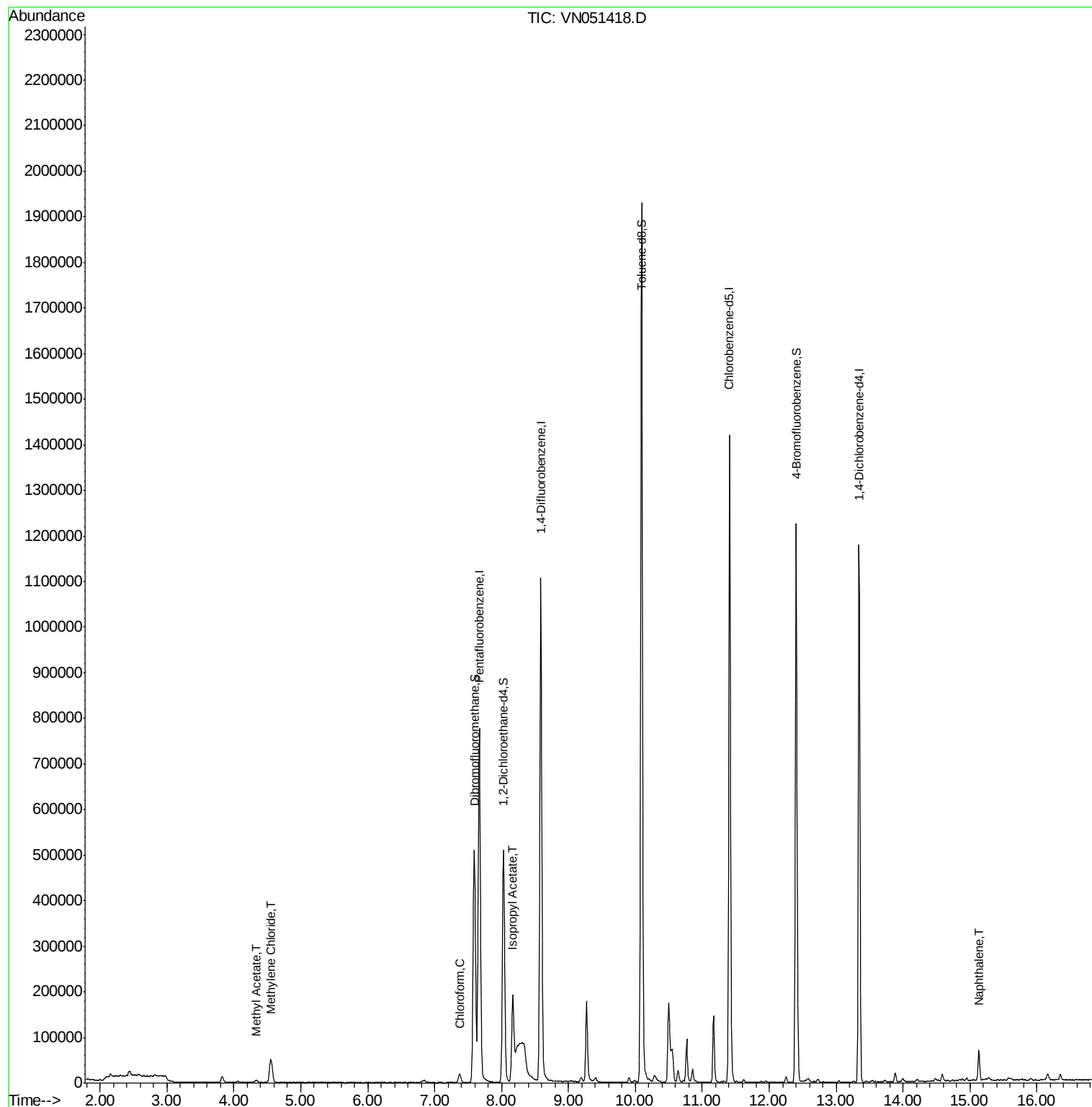
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.33	43	11259	1.794	ug/l	99
20) Methylene Chloride	4.55	84	39679	4.866	ug/l	98
30) Chloroform	7.37	83	21557	1.536	ug/l	88
43) Isopropyl Acetate	8.17	43	247339	20.285	ug/l	94
95) Naphthalene	15.13	128	56552	11.810	ug/l	98

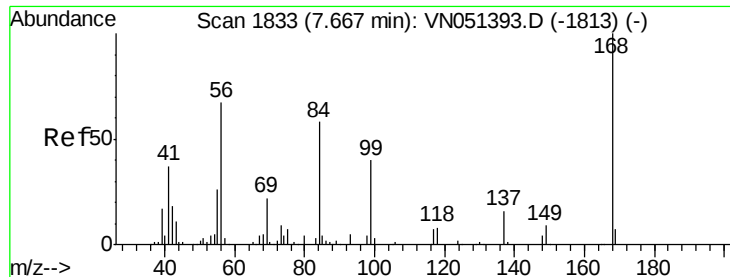
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
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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: VN051418.D

Acq: 23 Sep 2018 17:15

Instrument :

MSVOA_N

ClientSampled :

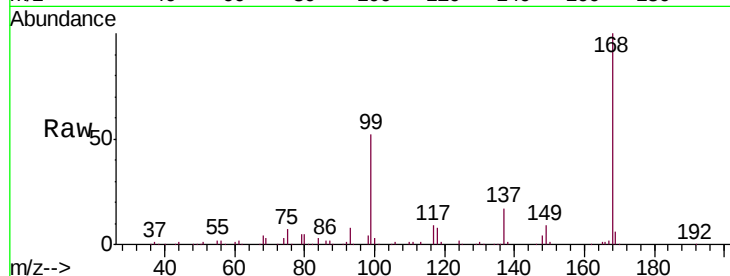
LS-SOIL-C

Tgt Ion:168 Resp: 657793

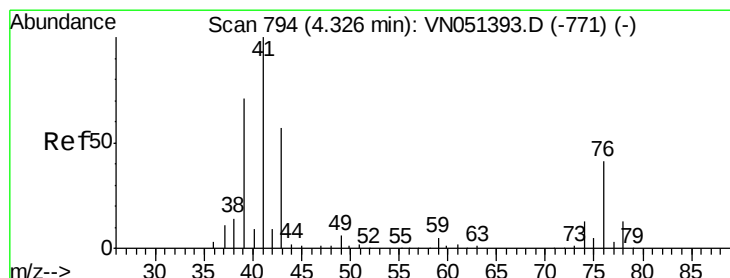
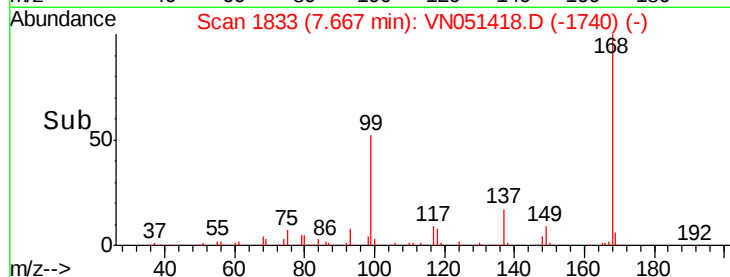
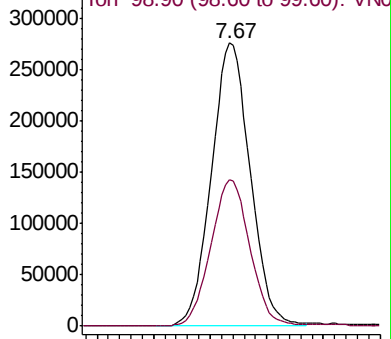
Ion Ratio Lower Upper

168 100

99 51.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051418.D (-1740) (-)



#18

Methyl Acetate

Concen: 1.794 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051418.D

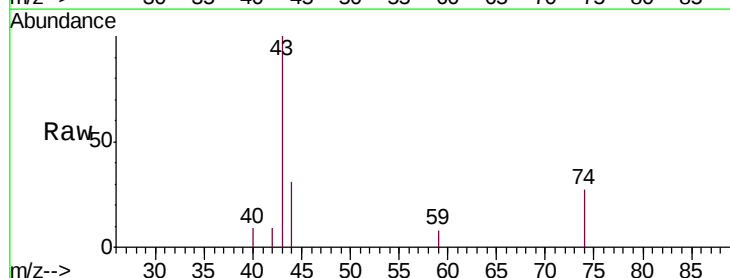
Acq: 23 Sep 2018 17:15

Tgt Ion: 43 Resp: 11259

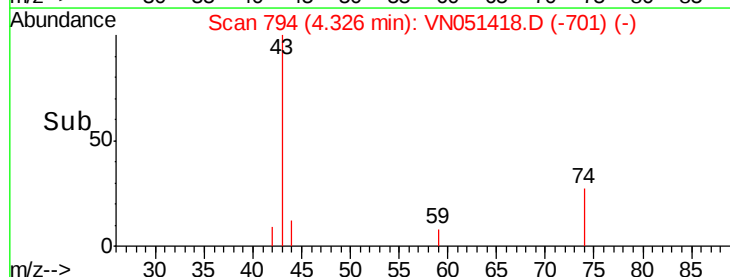
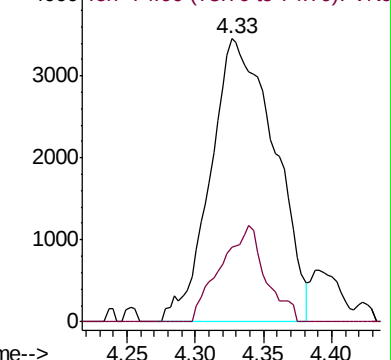
Ion Ratio Lower Upper

43 100

74 23.8 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN051418.D (-701) (-)

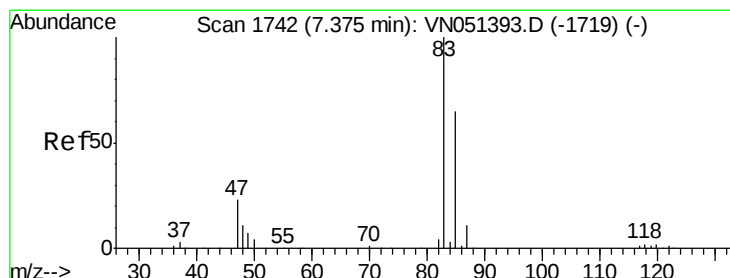
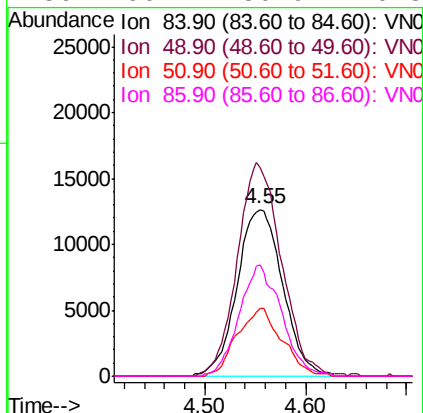
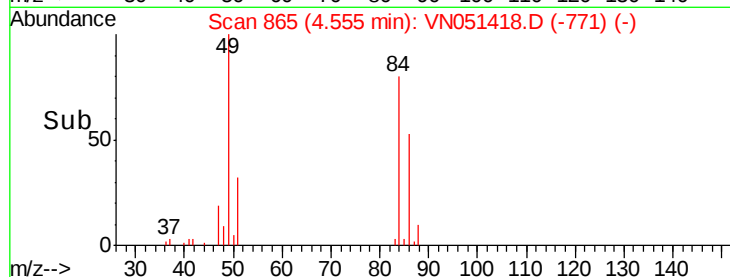
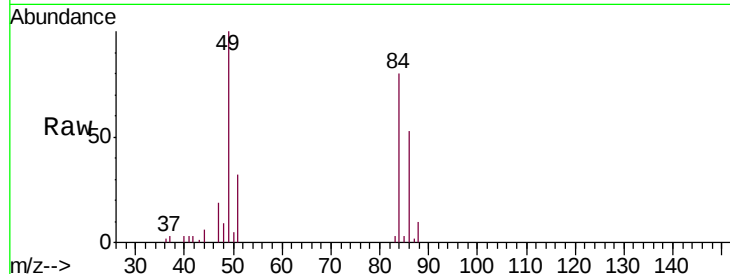




#20
Methylene Chloride
Concen: 4.866 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051418.D
Acq: 23 Sep 2018 17:15

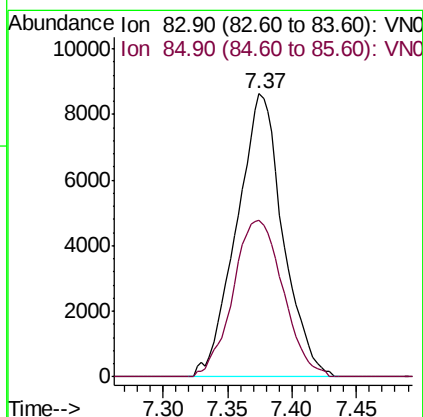
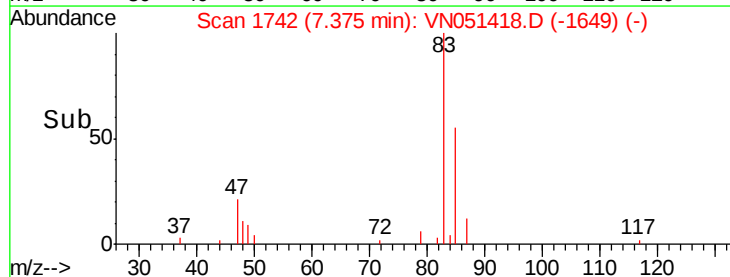
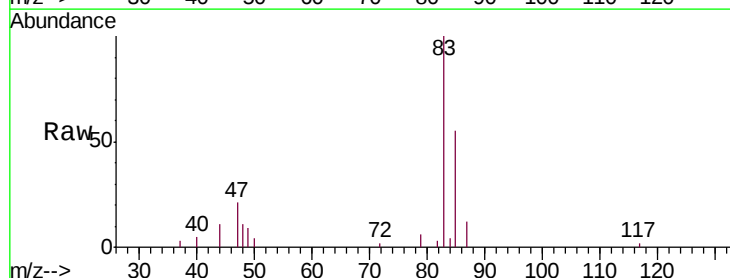
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-C

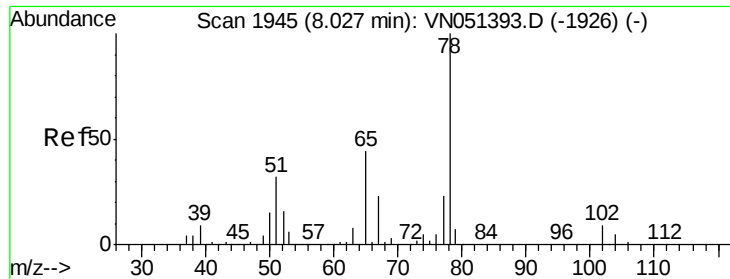
Tgt Ion:	84	Resp:	39679
Ion	Ratio	Lower	Upper
84	100		
49	125.4	99.9	149.9
51	40.5	31.4	47.2
86	66.4	50.9	76.3



#30
Chloroform
Concen: 1.536 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051418.D
Acq: 23 Sep 2018 17:15

Tgt Ion:	83	Resp:	21557
Ion	Ratio	Lower	Upper
83	100		
85	55.2	51.8	77.6

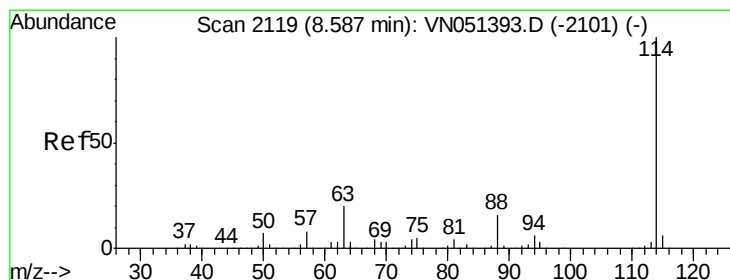
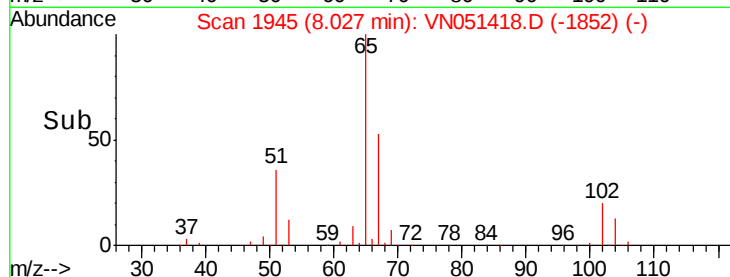
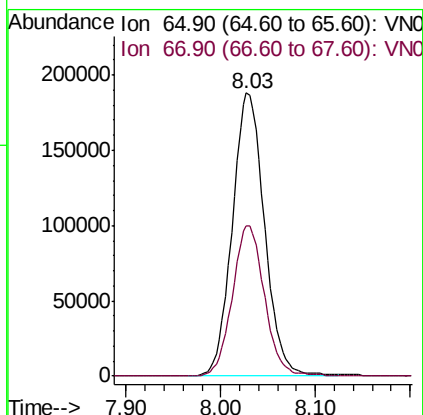
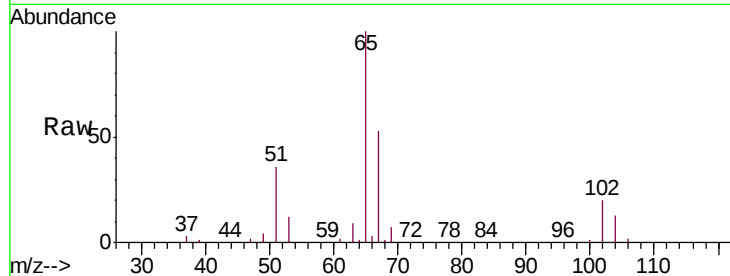




#33
 1,2-Dichloroethane-d4
 Concen: 54.032 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051418.D
 Acq: 23 Sep 2018 17:15

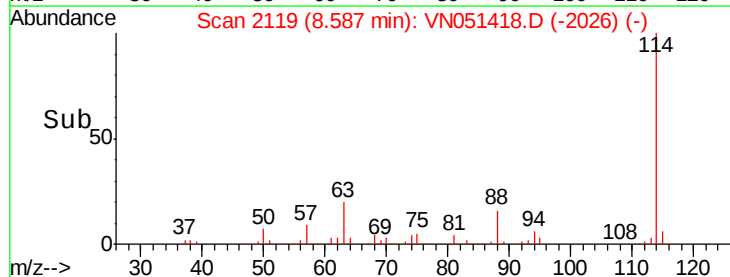
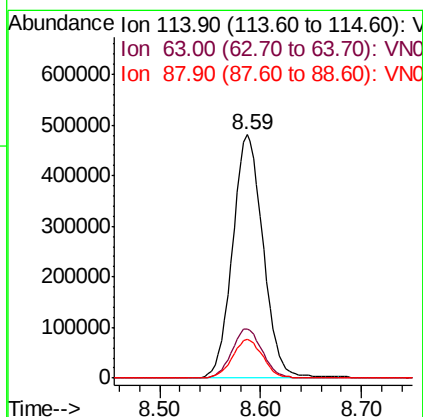
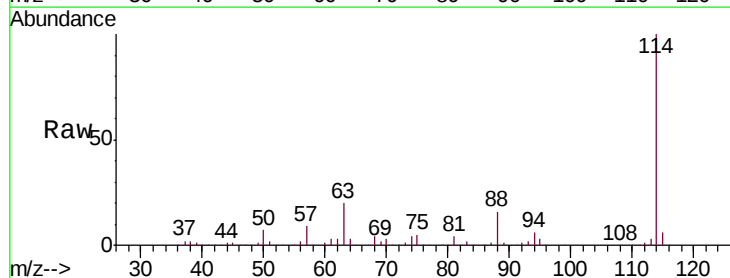
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-C

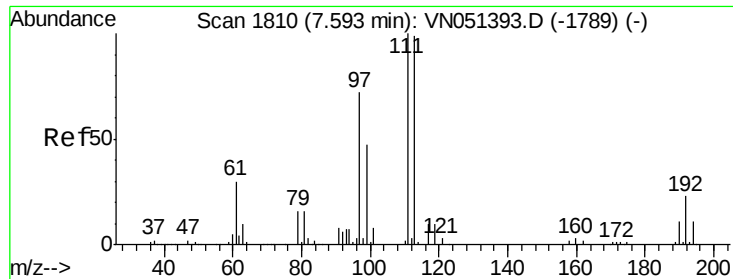
Tgt Ion: 65 Resp: 445228
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051418.D
 Acq: 23 Sep 2018 17:15

Tgt Ion: 114 Resp: 1012756
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 15.8 0.0 31.4

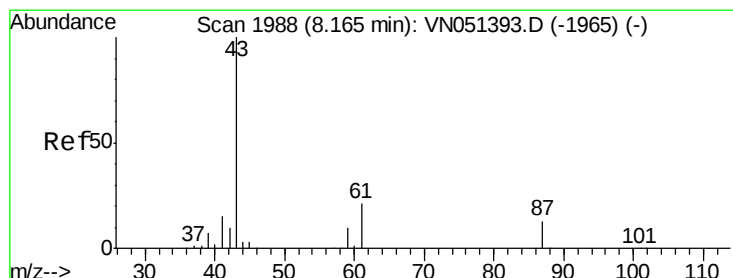
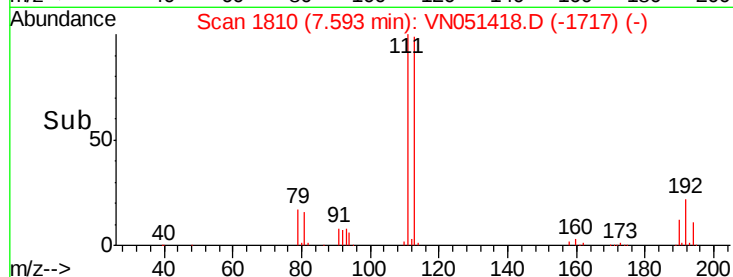
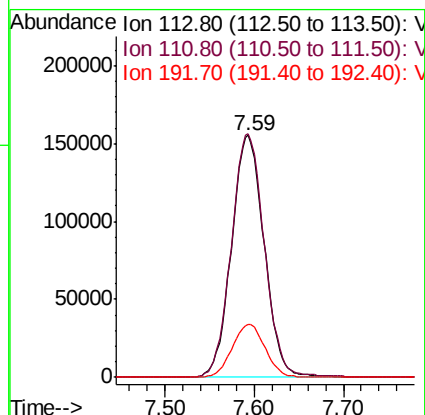
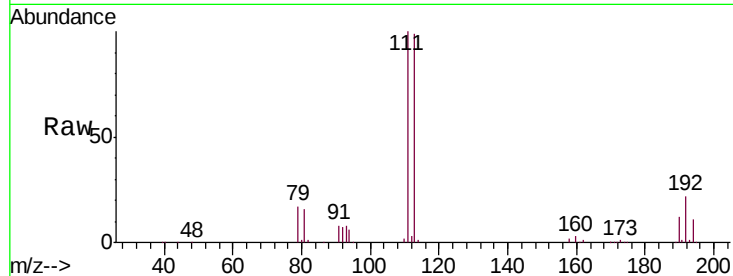




#35
 Dibromofluoromethane
 Concen: 48.606 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051418.D
 Acq: 23 Sep 2018 17:15

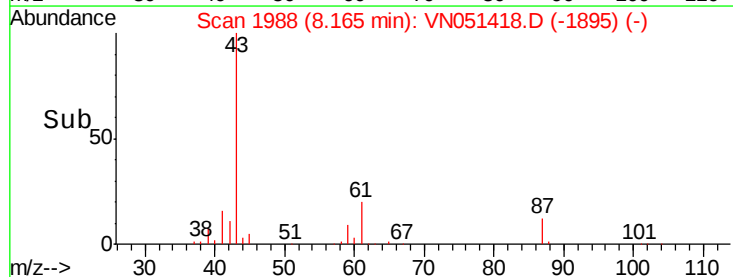
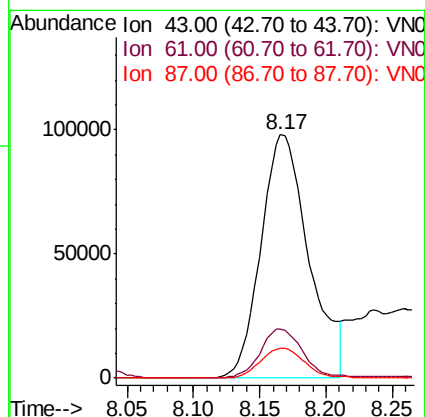
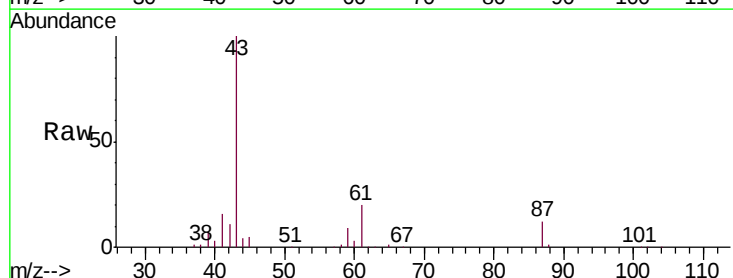
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-C

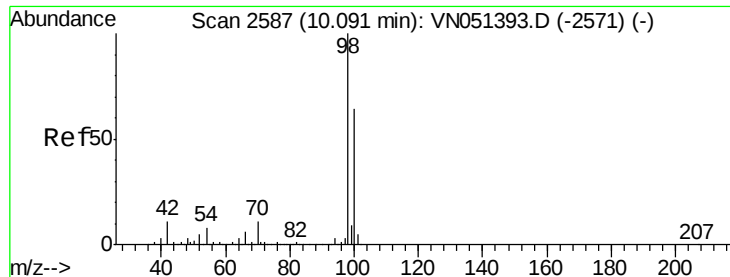
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	22.1	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 20.285 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051418.D
 Acq: 23 Sep 2018 17:15

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	16.8	25.2
87	11.4	10.7	16.1





#50

Toluene-d8

Concen: 46.572 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051418.D

Acq: 23 Sep 2018 17:15

Instrument :

MSVOA_N

ClientSampleId :

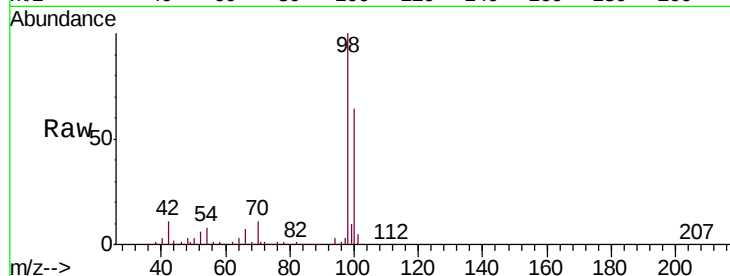
LS-SOIL-C

Tgt Ion: 98 Resp: 1420279

Ion Ratio Lower Upper

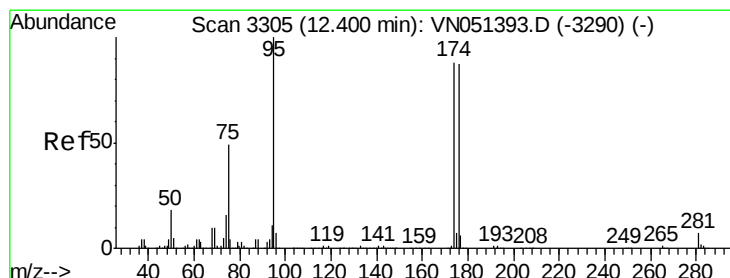
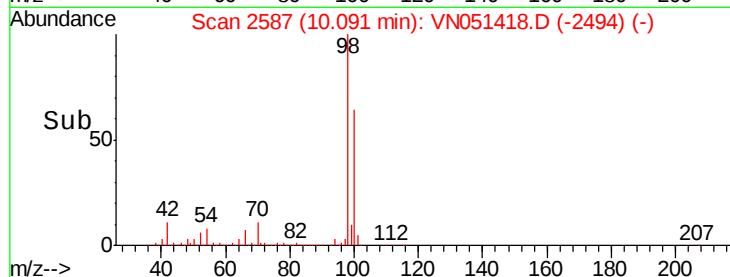
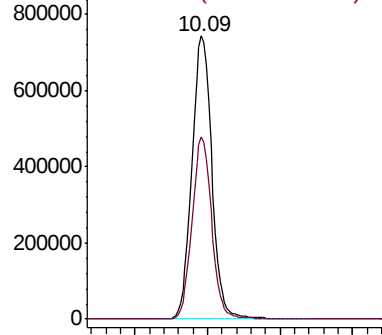
98 100

100 63.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 40.526 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051418.D

Acq: 23 Sep 2018 17:15

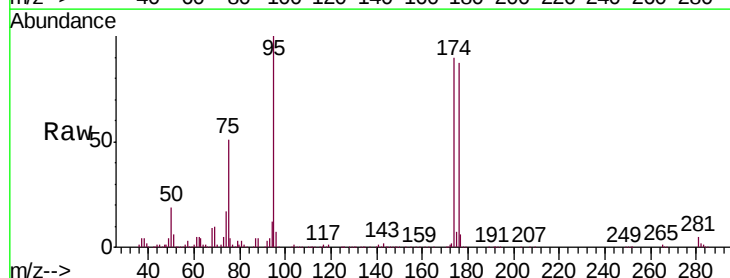
Tgt Ion: 95 Resp: 399807

Ion Ratio Lower Upper

95 100

174 92.3 0.0 181.6

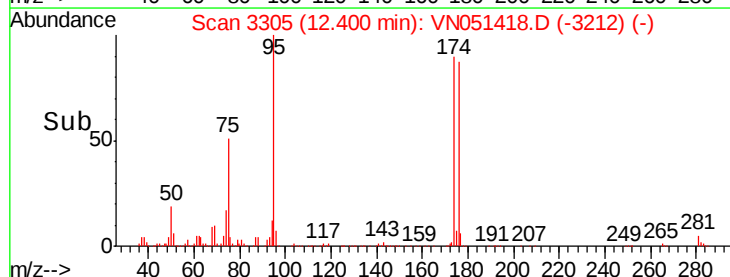
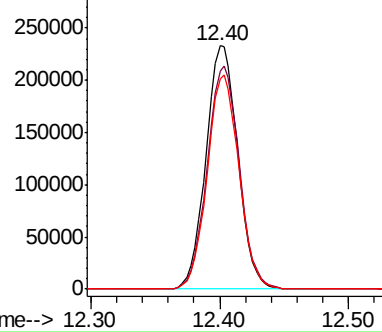
176 87.7 0.0 176.4

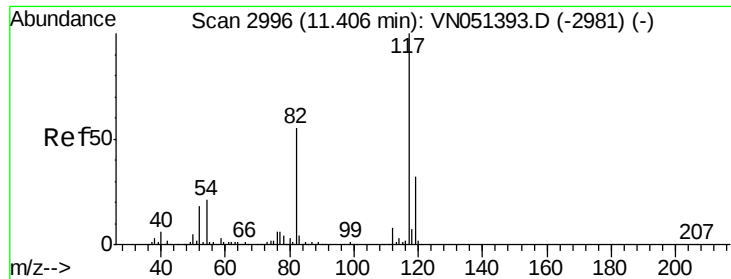


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

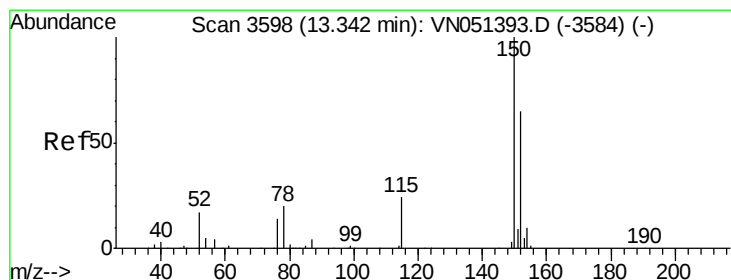
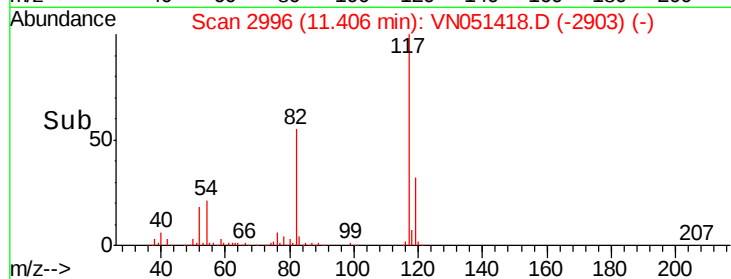
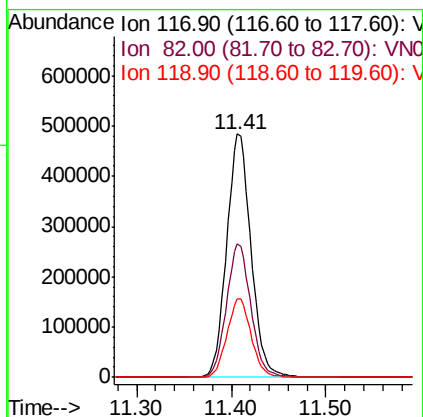
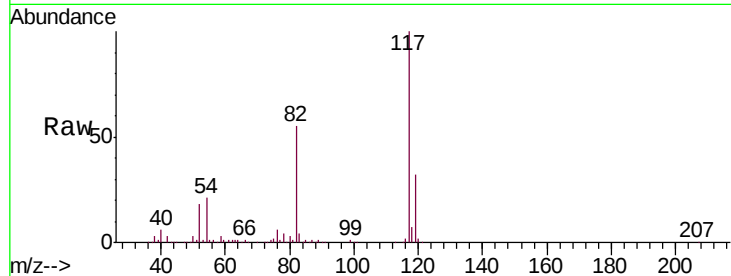




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051418.D
Acq: 23 Sep 2018 17:15

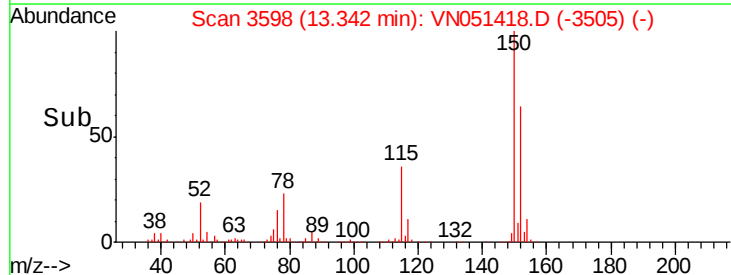
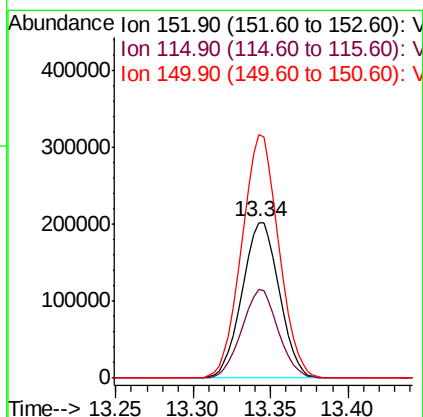
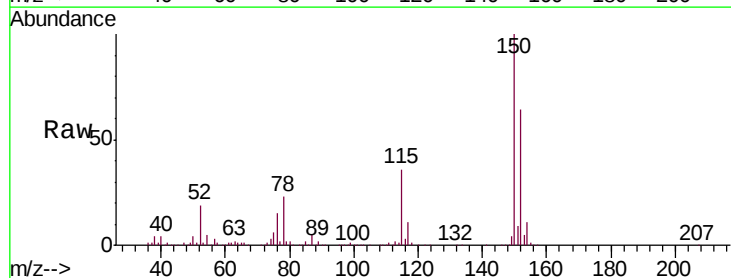
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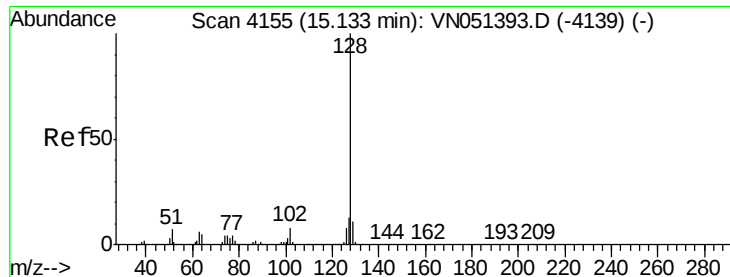
Tgt Ion:117 Resp: 863704
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051418.D
Acq: 23 Sep 2018 17:15

Tgt Ion:152 Resp: 338891
Ion Ratio Lower Upper
152 100
115 55.7 28.3 84.9
150 155.3 0.0 353.6





#95

Naphthalene

Concen: 11.810 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051418.D

Acq: 23 Sep 2018 17:15

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-C

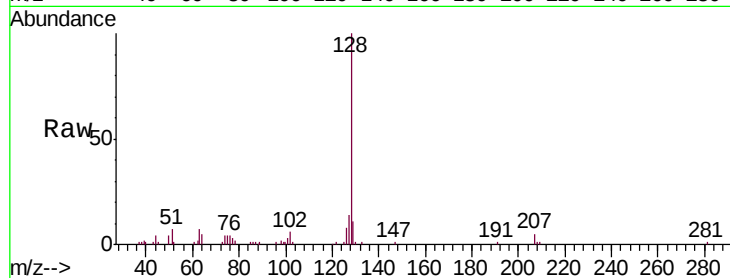
Tgt Ion:128 Resp: 56552

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 11.4 8.6 12.8



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

