

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051416.D
 Acq On : 23 Sep 2018 16:26
 Operator : MD\SY
 Sample : J5021-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-A

Quant Time: Sep 24 07:41:10 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

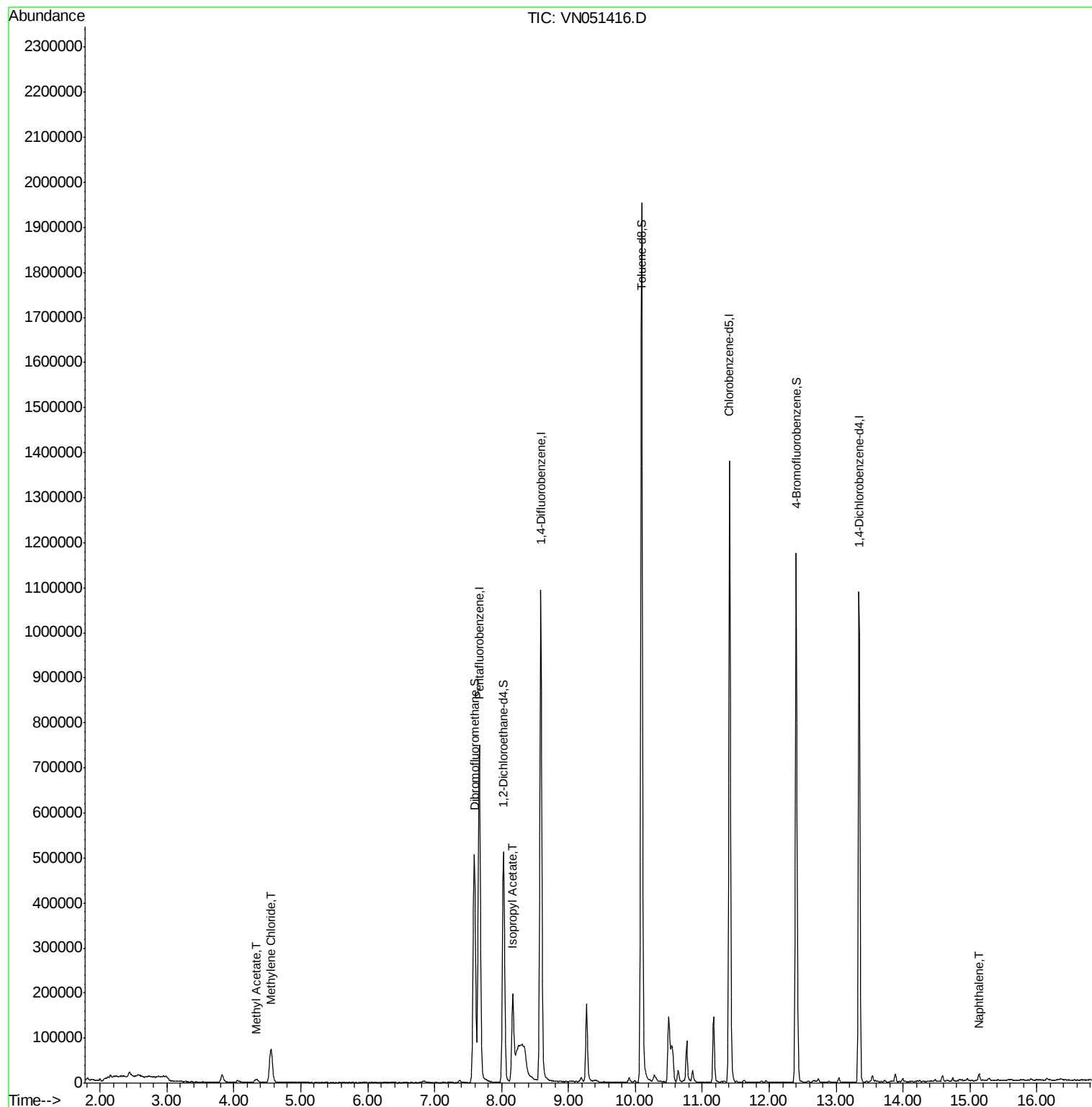
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	656014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1015574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	851590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	316887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	443846	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.02%	
35) Dibromofluoromethane	7.59	113	392175	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	10.09	98	1395652	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
62) 4-Bromofluorobenzene	12.40	95	386986	39.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.24%	
Target Compounds						
18) Methyl Acetate	4.33	43	15839	2.531	ug/l #	71
20) Methylene Chloride	4.56	84	55749	6.856	ug/l	95
43) Isopropyl Acetate	8.17	43	245770	20.100	ug/l	94
95) Naphthalene	15.13	128	13455	9.003	ug/l #	94

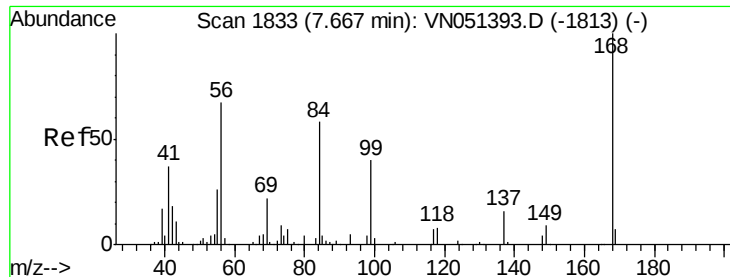
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
Data File : VN051416.D
Acq On : 23 Sep 2018 16:26
Operator : MD\SY
Sample : J5021-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LS-SOIL-A

Quant Time: Sep 24 07:41:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
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: VN051416.D

Acq: 23 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

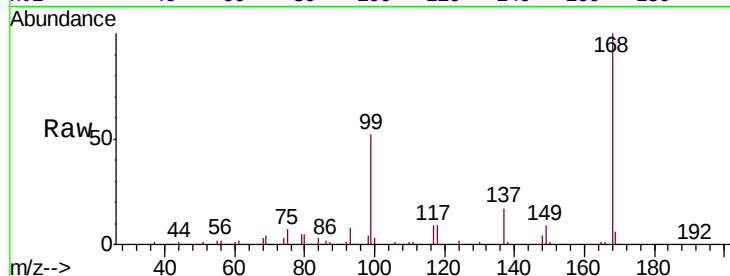
LS-SOIL-A

Tgt Ion:168 Resp: 656014

Ion Ratio Lower Upper

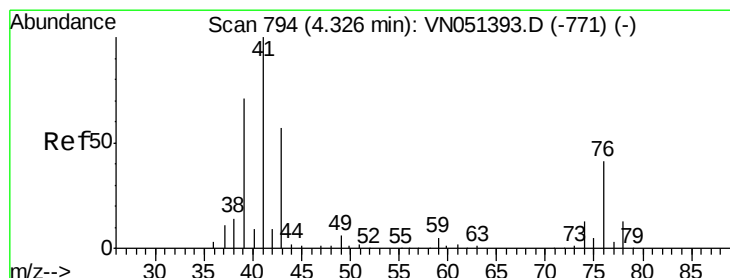
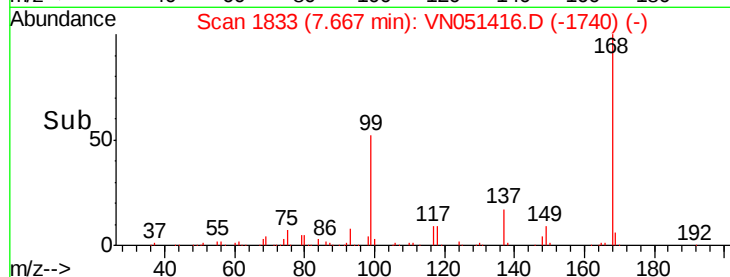
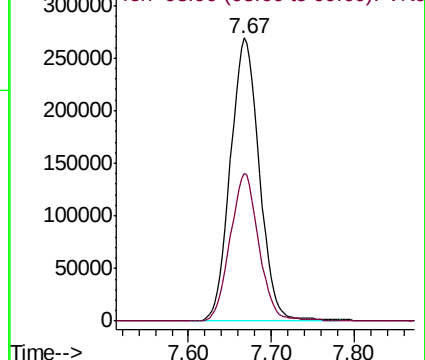
168 100

99 52.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 2.531 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN051416.D

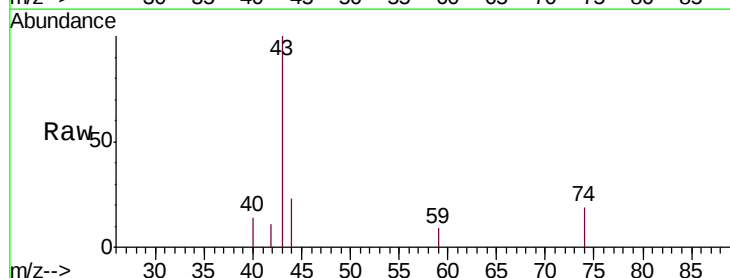
Acq: 23 Sep 2018 16:26

Tgt Ion: 43 Resp: 15839

Ion Ratio Lower Upper

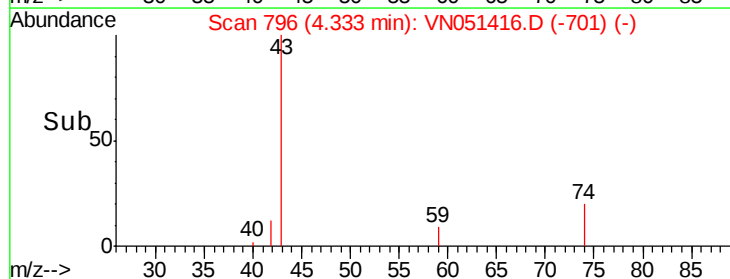
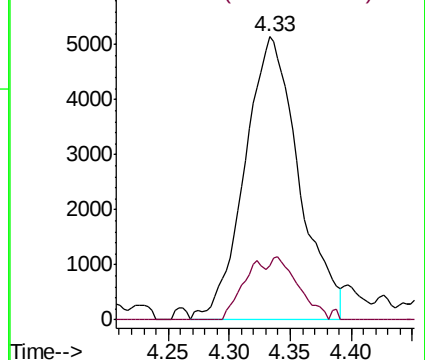
43 100

74 9.1 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

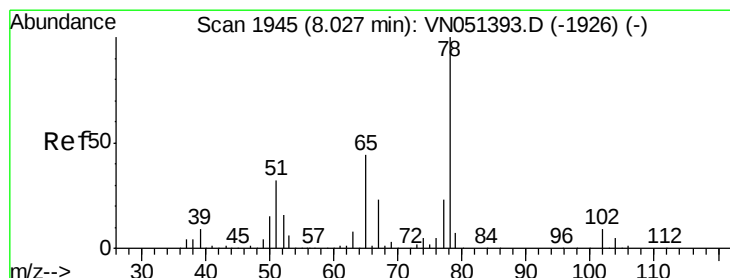
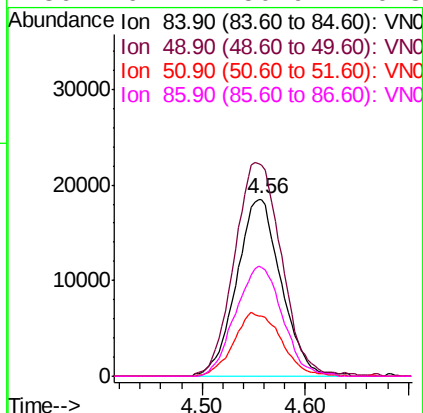
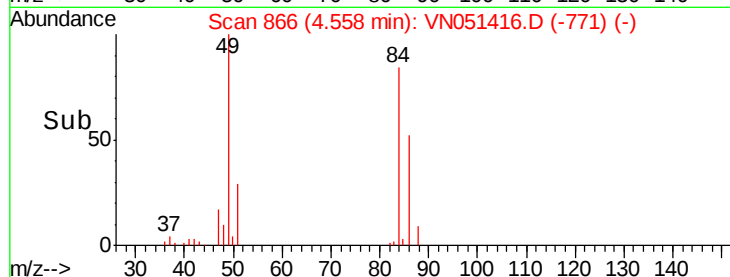
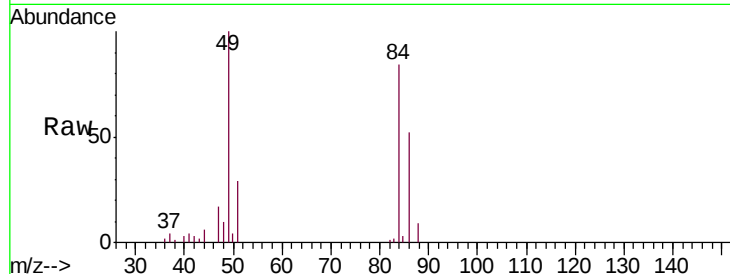




#20
Methylene Chloride
Concen: 6.856 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051416.D
Acq: 23 Sep 2018 16:26

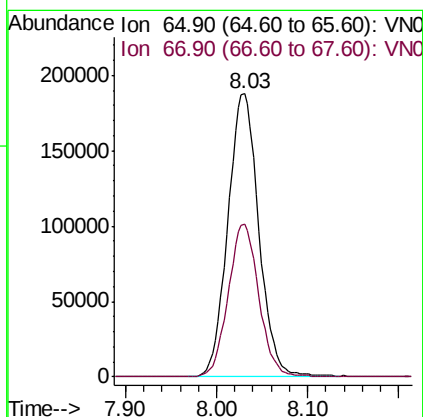
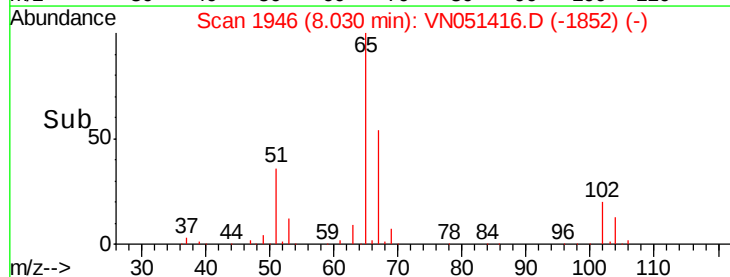
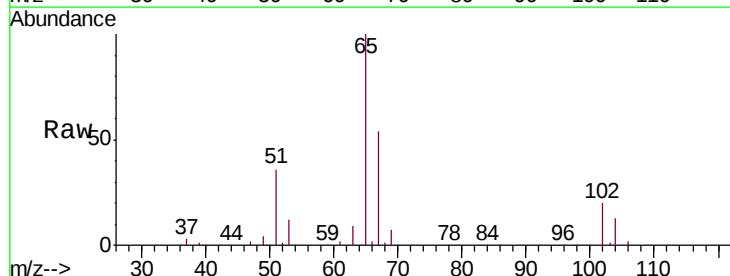
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-A

Tgt Ion: 84 Resp: 55749
Ion Ratio Lower Upper
84 100
49 119.0 99.9 149.9
51 34.1 31.4 47.2
86 61.7 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 54.011 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051416.D
Acq: 23 Sep 2018 16:26

Tgt Ion: 65 Resp: 443846
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.8

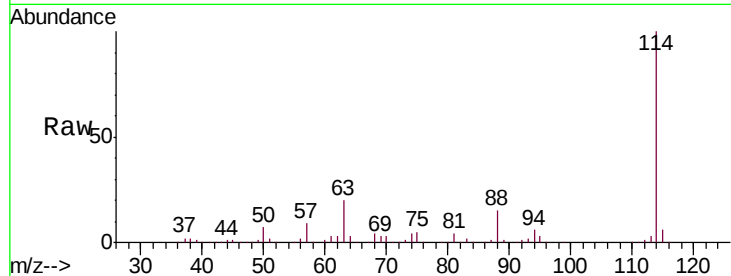




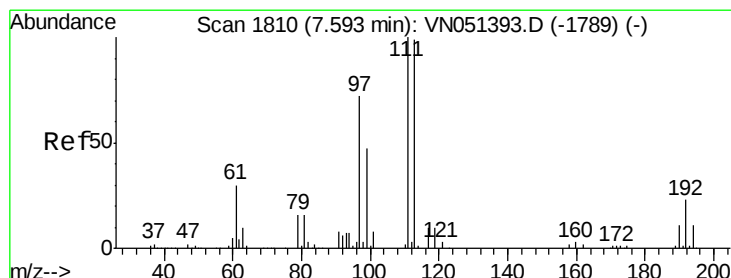
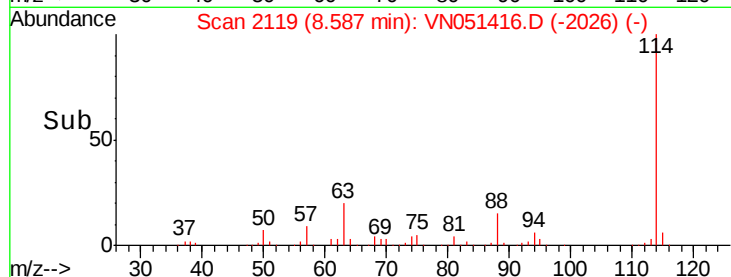
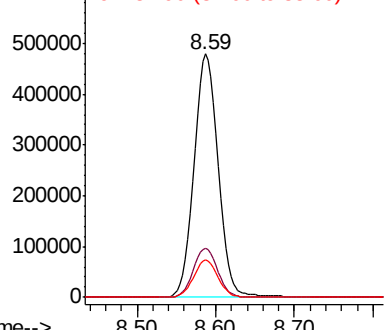
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051416.D
 Acq: 23 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-A

Tgt Ion:114 Resp: 1015574
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.2
 88 15.3 0.0 31.4

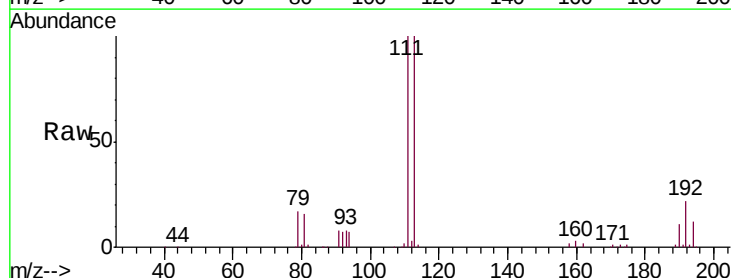


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

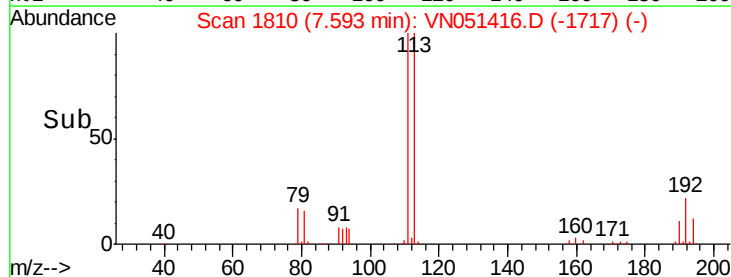
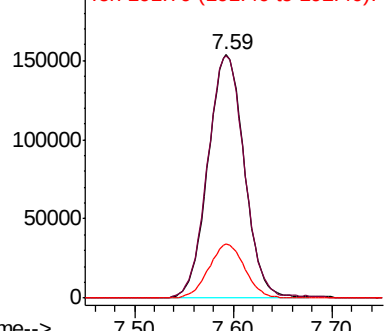


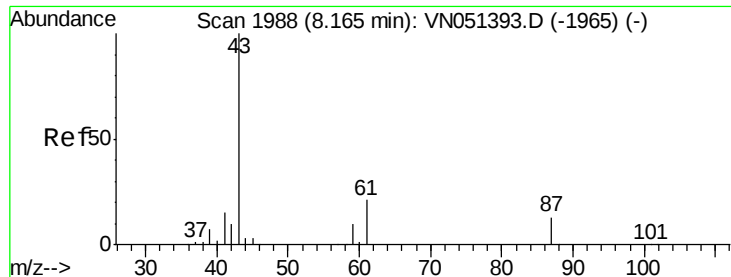
#35
 Dibromofluoromethane
 Concen: 48.291 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051416.D
 Acq: 23 Sep 2018 16:26

Tgt Ion:113 Resp: 392175
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.6 123.8
 192 22.1 18.0 27.0



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: 20.100 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051416.D

Acq: 23 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-A

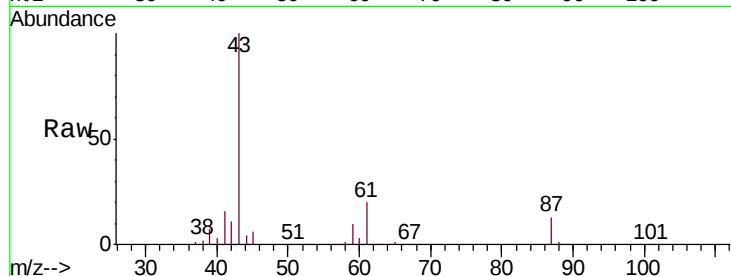
Tgt Ion: 43 Resp: 245770

Ion Ratio Lower Upper

43 100

61 17.8 16.8 25.2

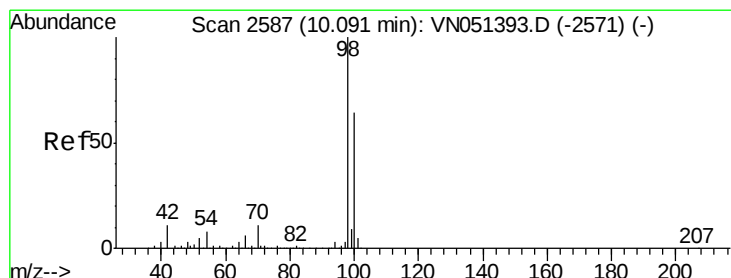
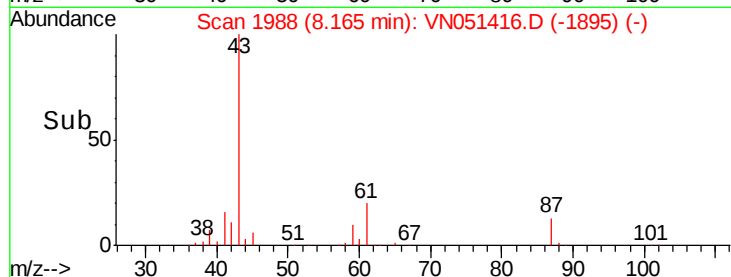
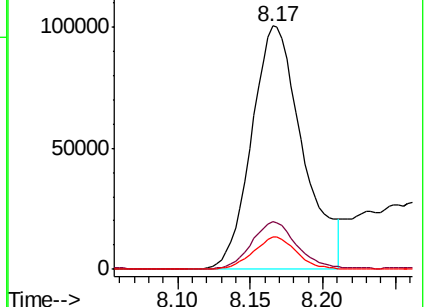
87 11.4 10.7 16.1



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: 45.638 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051416.D

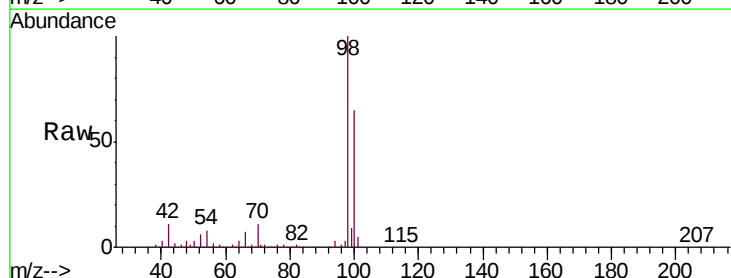
Acq: 23 Sep 2018 16:26

Tgt Ion: 98 Resp: 1395652

Ion Ratio Lower Upper

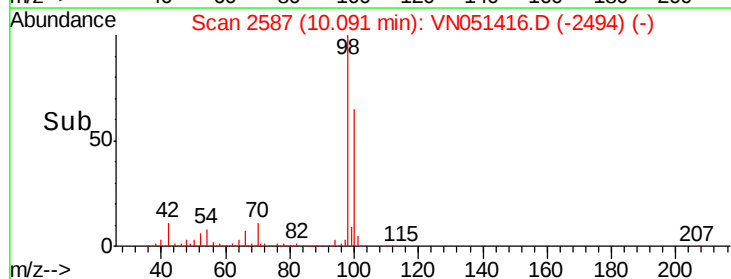
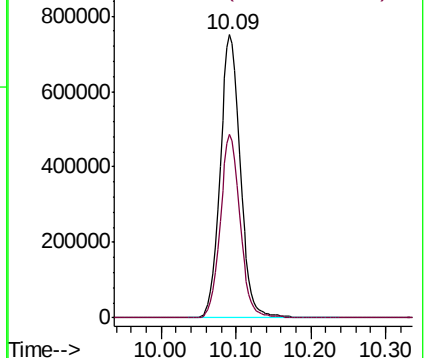
98 100

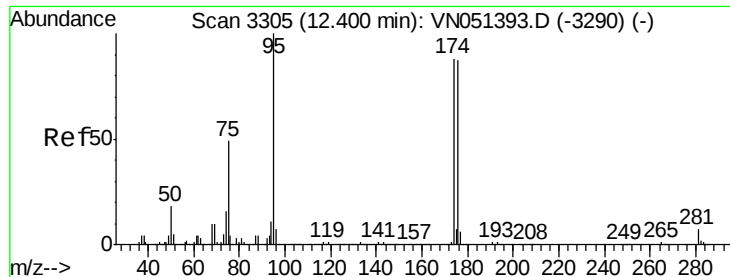
100 63.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 39.117 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051416.D

Acq: 23 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-A

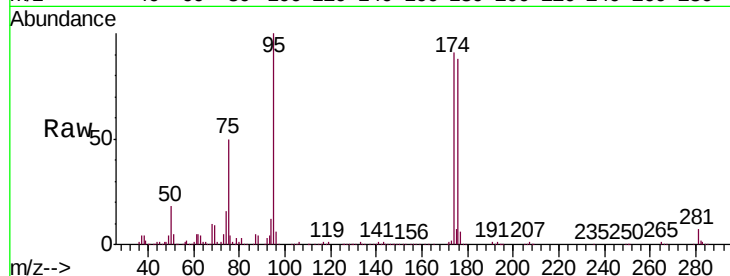
Tgt Ion: 95 Resp: 386986

Ion Ratio Lower Upper

95 100

174 90.4 0.0 181.6

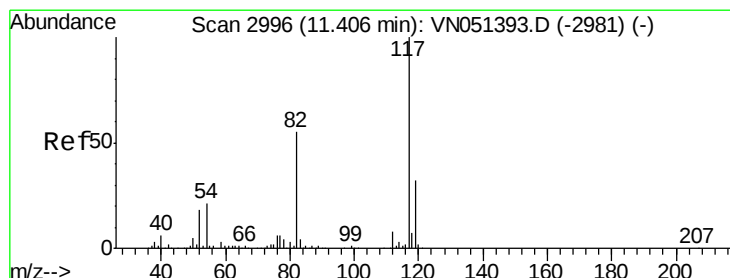
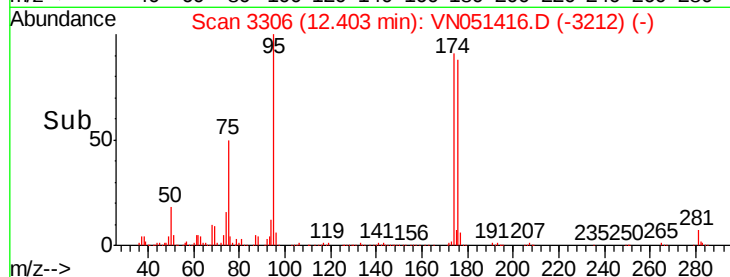
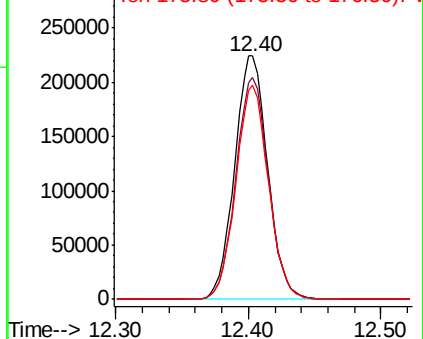
176 86.7 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051416.D

Acq: 23 Sep 2018 16:26

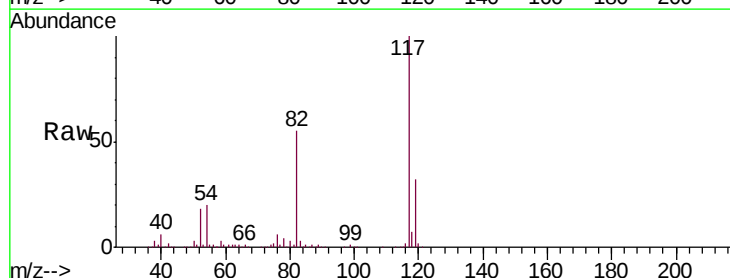
Tgt Ion: 117 Resp: 851590

Ion Ratio Lower Upper

117 100

82 55.2 44.2 66.2

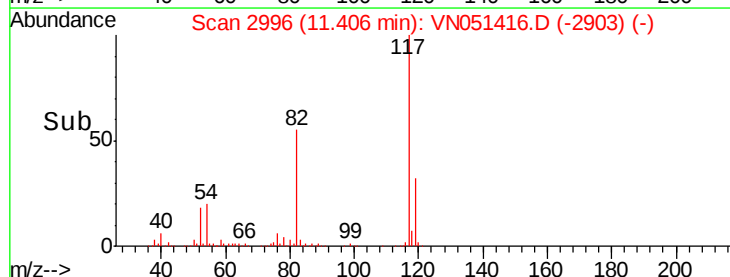
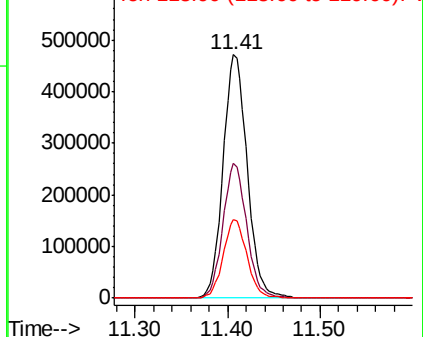
119 32.1 25.9 38.9

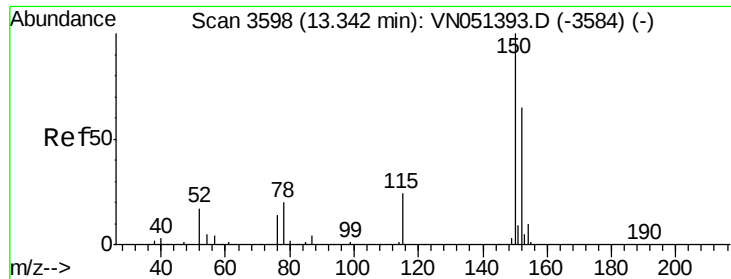


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051416.D

Acq: 23 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-A

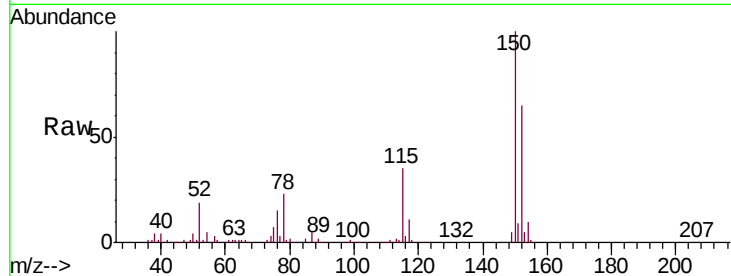
Tgt Ion:152 Resp: 316887

Ion Ratio Lower Upper

152 100

115 55.3 28.3 84.9

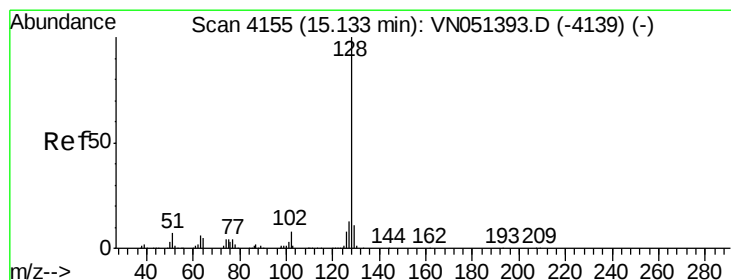
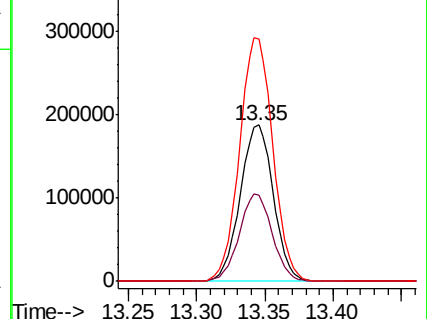
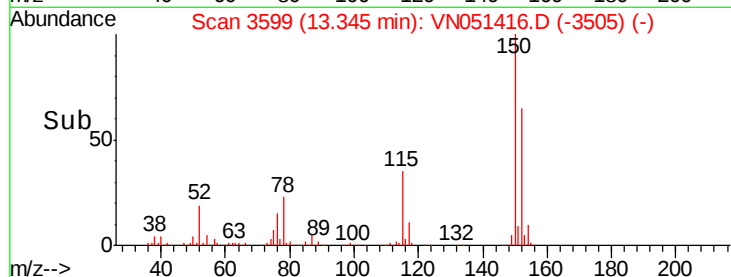
150 156.0 0.0 353.6



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: 9.003 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051416.D

Acq: 23 Sep 2018 16:26

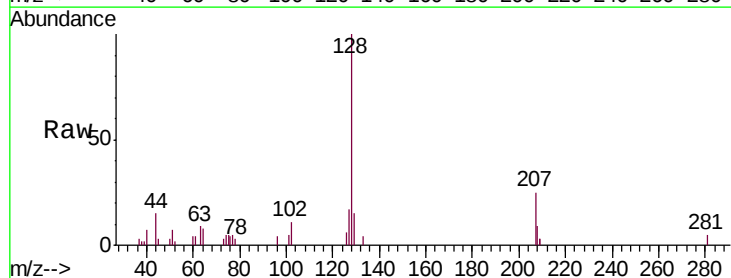
Tgt Ion:128 Resp: 13455

Ion Ratio Lower Upper

128 100

127 14.6 10.5 15.7

129 14.2 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

