

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051419.D
 Acq On : 23 Sep 2018 17:39
 Operator : MD\SY
 Sample : J5021-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-D

Quant Time: Sep 24 08:13:08 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

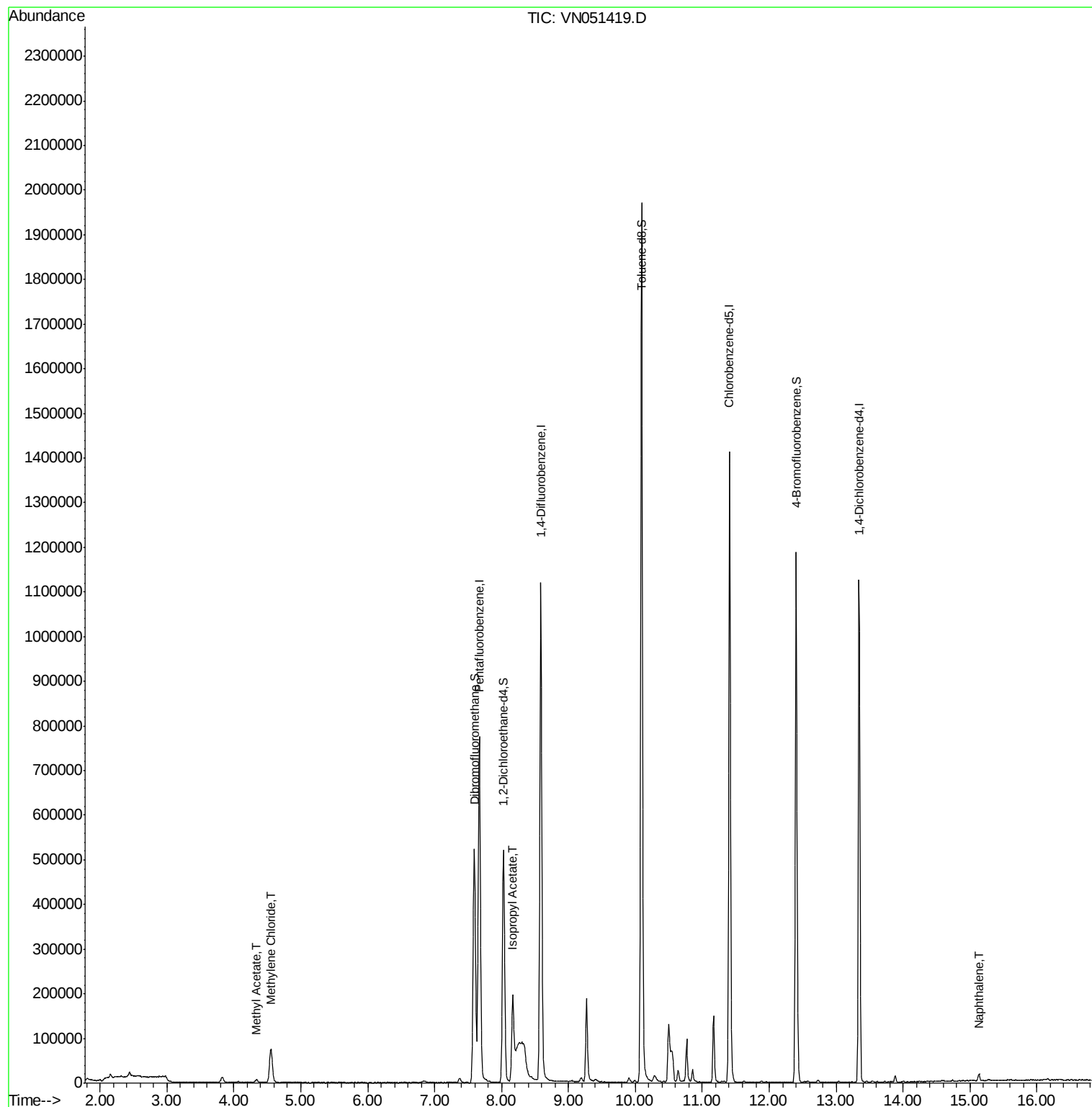
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	671022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1034542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	865119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	315021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	455644	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
35) Dibromofluoromethane	7.59	113	388493	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	10.09	98	1440672	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
62) 4-Bromofluorobenzene	12.40	95	392081	38.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.82%	
Target Compounds						
18) Methyl Acetate	4.34	43	12622	1.972	ug/l	95
20) Methylene Chloride	4.55	84	56495	6.792	ug/l	97
43) Isopropyl Acetate	8.17	43	257992	20.713	ug/l	93
95) Naphthalene	15.14	128	13871	9.038	ug/l	95

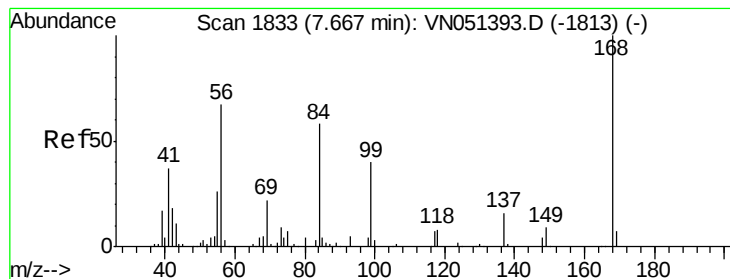
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
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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: VN051419.D

Acq: 23 Sep 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

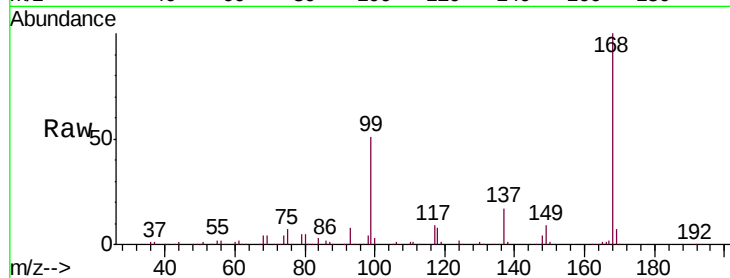
LS-SOIL-D

Tgt Ion:168 Resp: 671022

Ion Ratio Lower Upper

168 100

99 51.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051419.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051419.D (-1740) (-)

7.67

300000

250000

200000

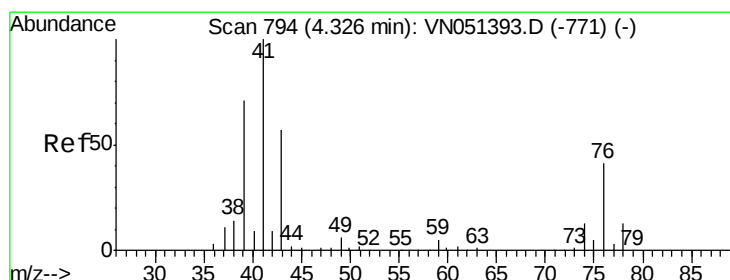
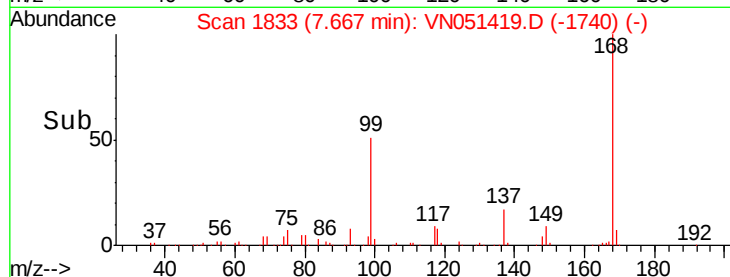
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.972 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051419.D

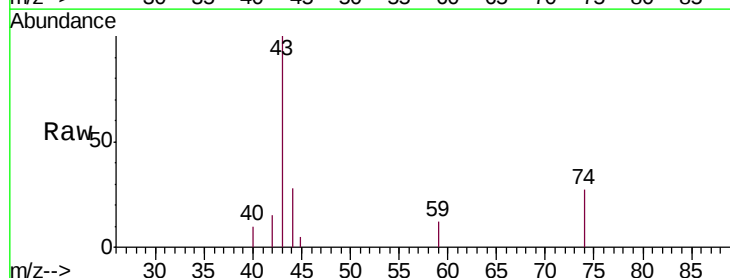
Acq: 23 Sep 2018 17:39

Tgt Ion: 43 Resp: 12622

Ion Ratio Lower Upper

43 100

74 20.9 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN051419.D (-701) (-)

Ion 74.00 (73.70 to 74.70): VN051419.D (-701) (-)

4.34

4000

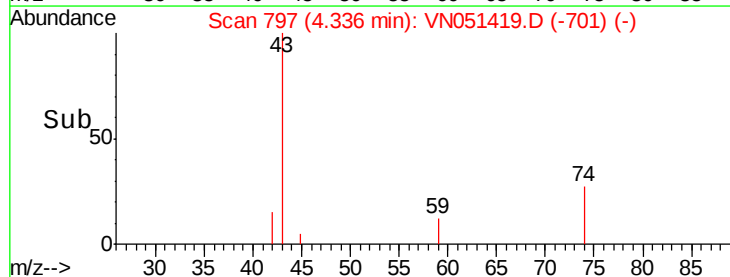
3000

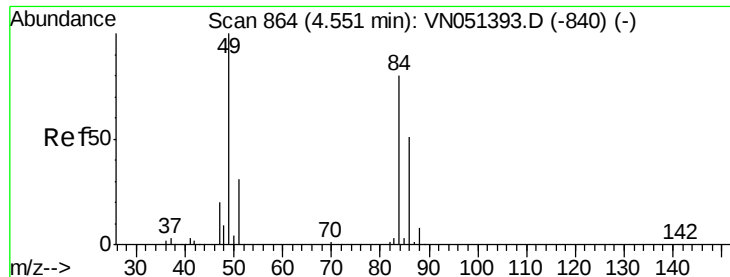
2000

1000

0

Time-->

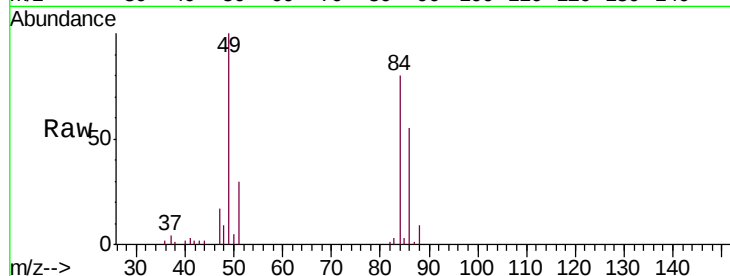




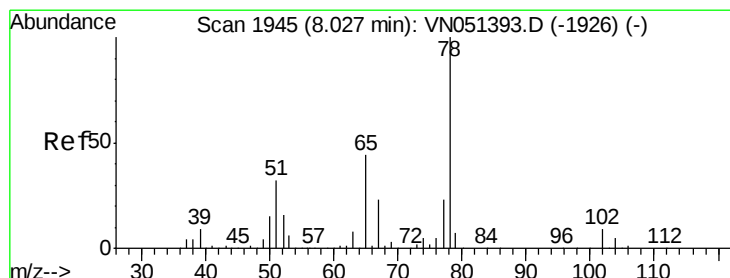
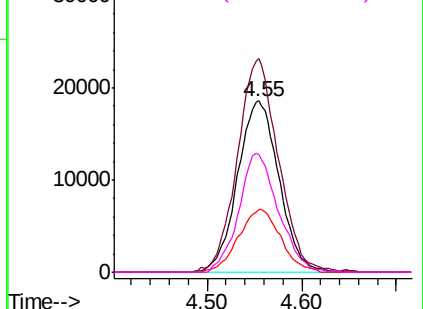
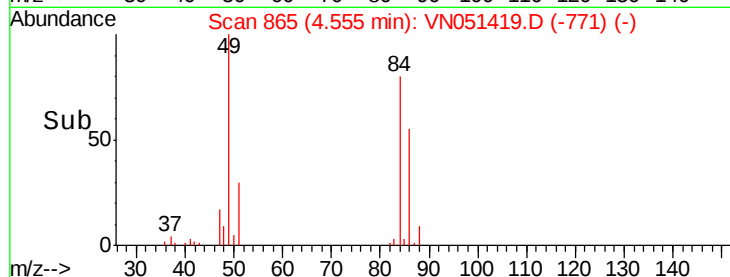
#20
Methylene Chloride
Concen: 6.792 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051419.D
Acq: 23 Sep 2018 17:39

Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-D

Tgt Ion: 84 Resp: 56495
Ion Ratio Lower Upper
84 100
49 124.7 99.9 149.9
51 36.8 31.4 47.2
86 68.5 50.9 76.3

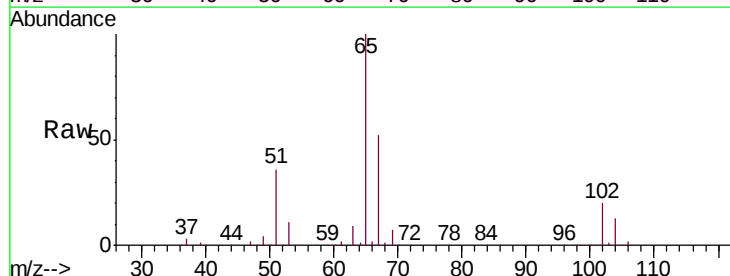


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

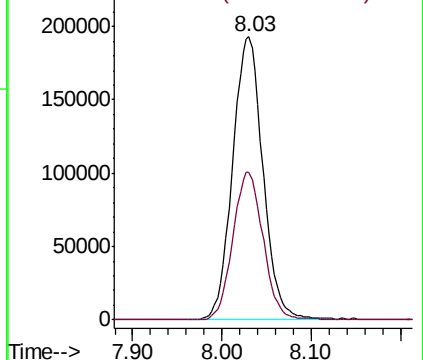
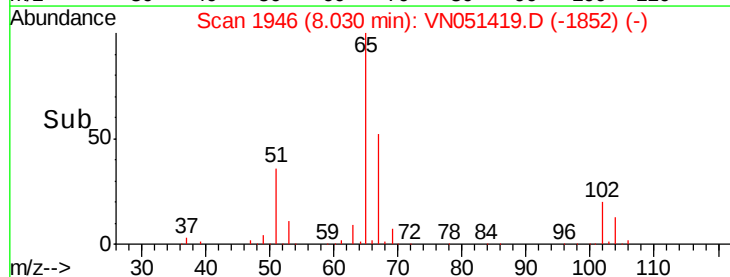


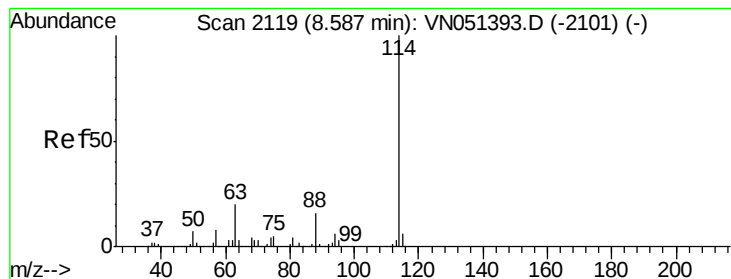
#33
1,2-Dichloroethane-d4
Concen: 54.206 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051419.D
Acq: 23 Sep 2018 17:39

Tgt Ion: 65 Resp: 455644
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051419.D

Acq: 23 Sep 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-D

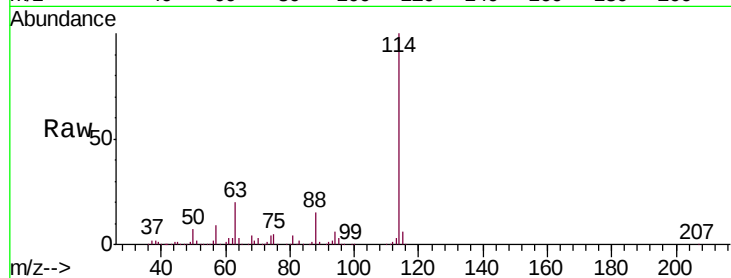
Tgt Ion:114 Resp: 1034542

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

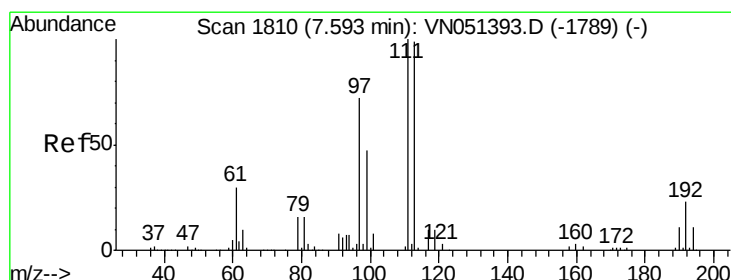
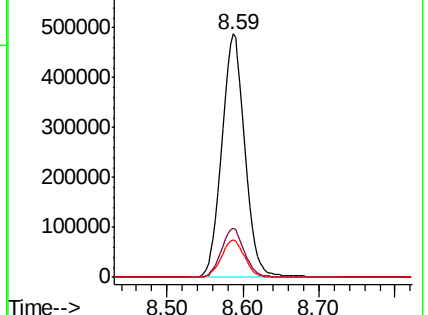
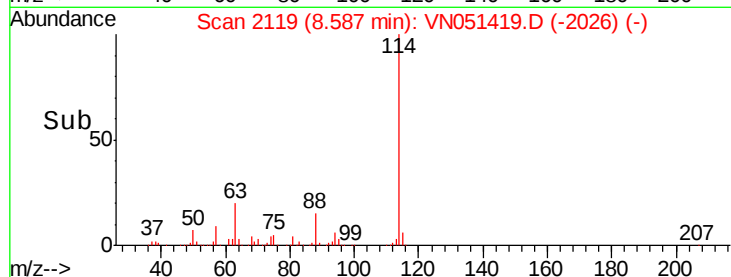
88 15.4 0.0 31.4



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: 46.960 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051419.D

Acq: 23 Sep 2018 17:39

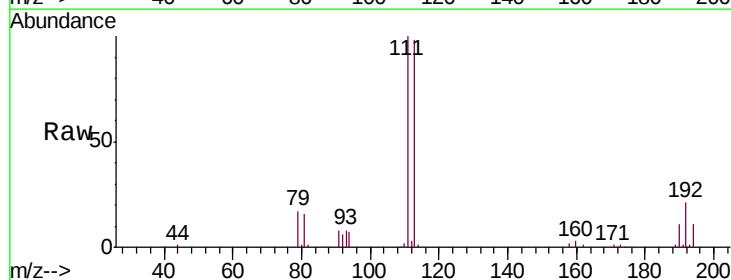
Tgt Ion:113 Resp: 388493

Ion Ratio Lower Upper

113 100

111 104.5 82.6 123.8

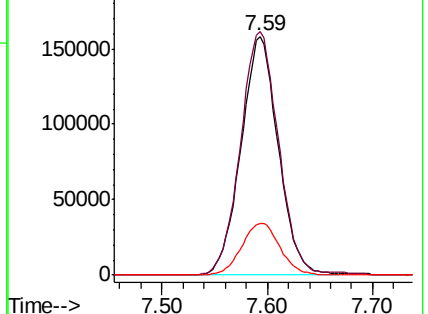
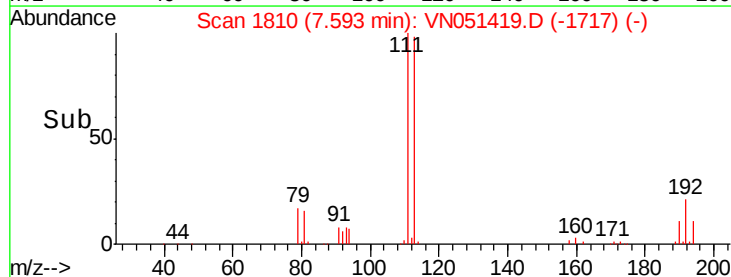
192 22.4 18.0 27.0

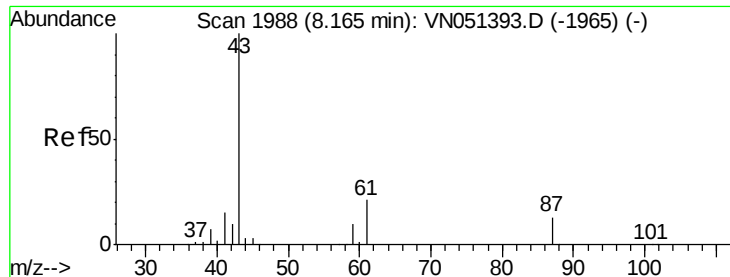


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 20.713 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051419.D

Acq: 23 Sep 2018 17:39

Instrument :

MSVOA_N

ClientSampled :

LS-SOIL-D

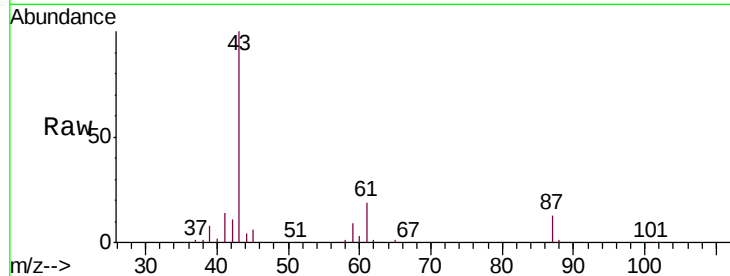
Tgt Ion: 43 Resp: 257992

Ion Ratio Lower Upper

43 100

61 17.2 16.8 25.2

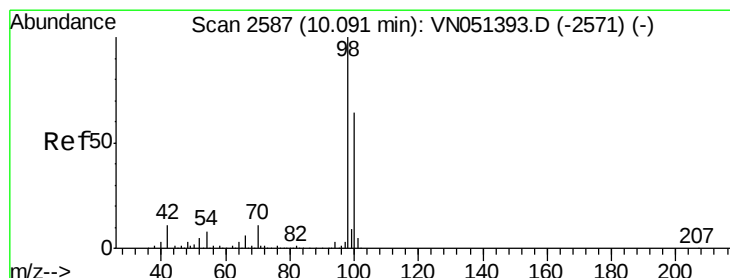
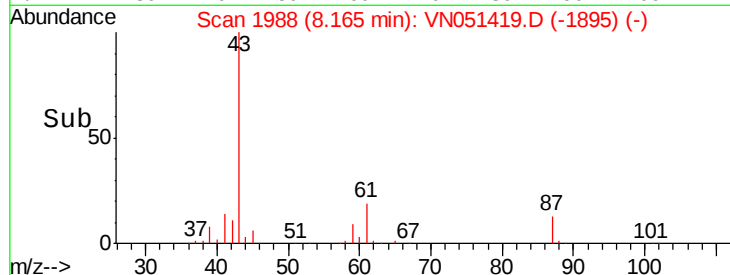
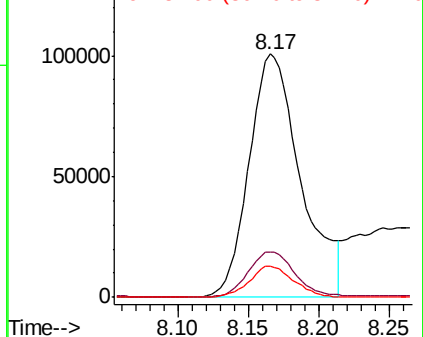
87 11.1 10.7 16.1



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: 46.246 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051419.D

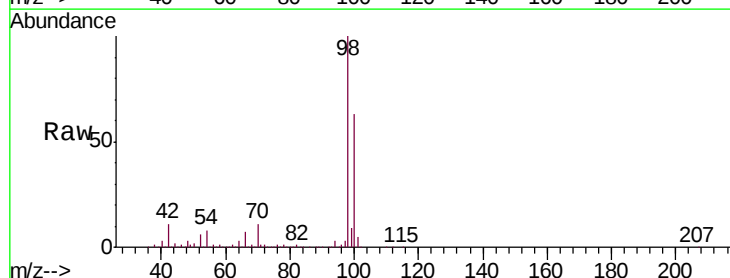
Acq: 23 Sep 2018 17:39

Tgt Ion: 98 Resp: 1440672

Ion Ratio Lower Upper

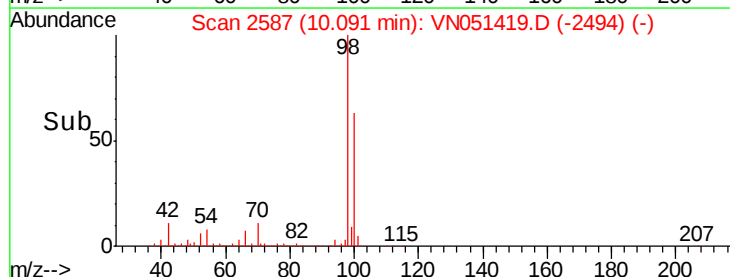
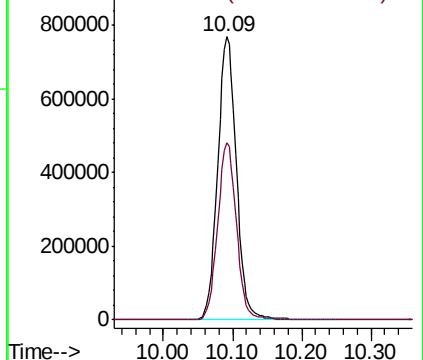
98 100

100 62.6 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: 38.906 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051419.D

Acq: 23 Sep 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-D

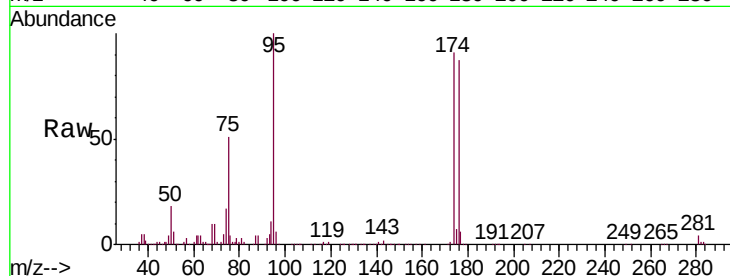
Tgt Ion: 95 Resp: 392081

Ion Ratio Lower Upper

95 100

174 90.5 0.0 181.6

176 87.0 0.0 176.4

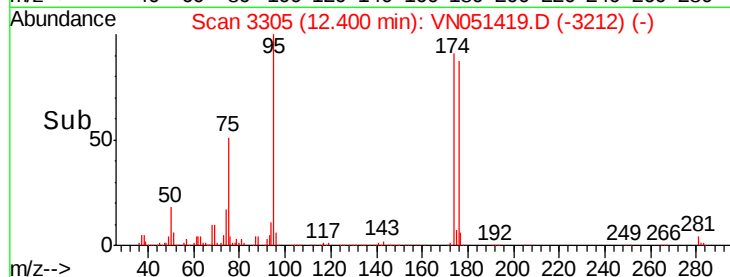


Abundance Ion 94.90 (94.60 to 95.60): VN051419.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051419.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051419.D (-3290) (-)

Time--> 12.30 12.40 12.50

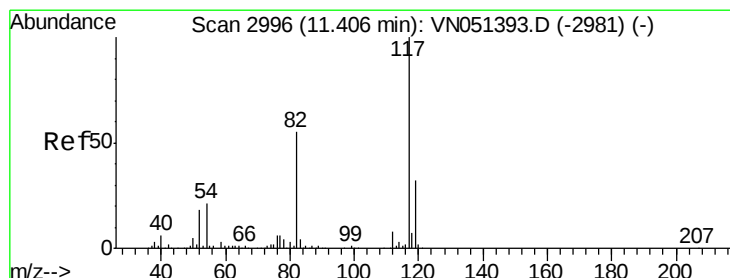


Abundance Ion 94.90 (94.60 to 95.60): VN051419.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051419.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051419.D (-3212) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051419.D

Acq: 23 Sep 2018 17:39

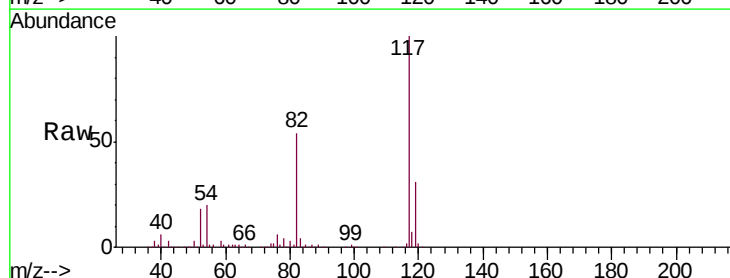
Tgt Ion: 117 Resp: 865119

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.2

119 31.4 25.9 38.9

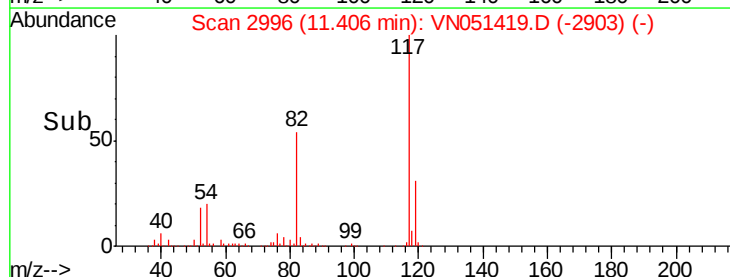


Abundance Ion 116.90 (116.60 to 117.60): VN051419.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051419.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051419.D (-2981) (-)

Time--> 11.30 11.40 11.50

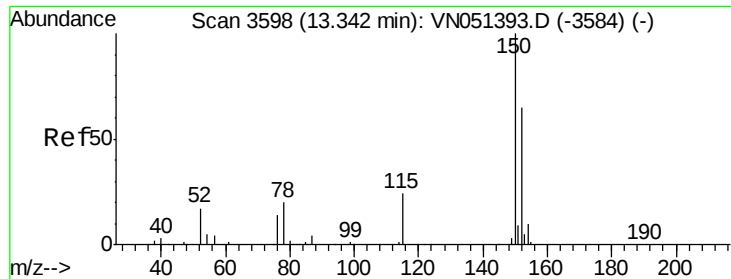


Abundance Ion 116.90 (116.60 to 117.60): VN051419.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051419.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051419.D (-2903) (-)

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051419.D

Acq: 23 Sep 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-D

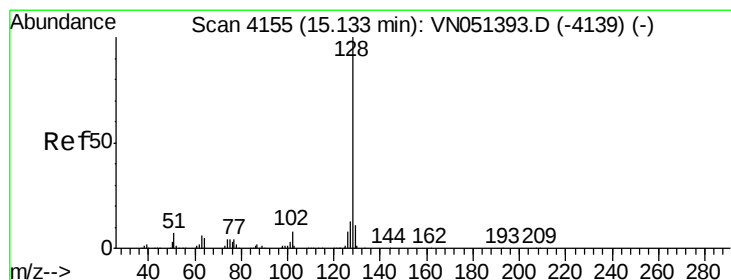
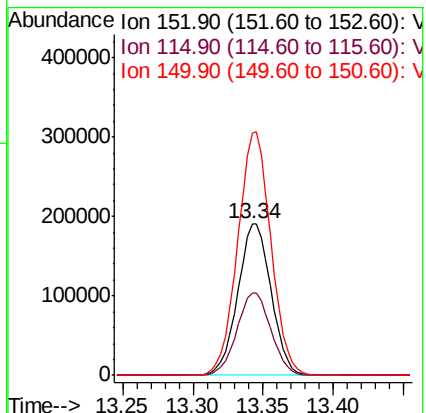
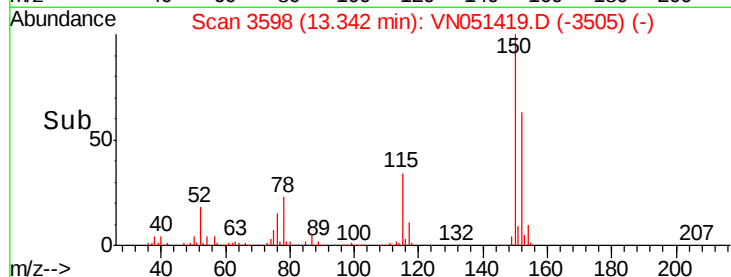
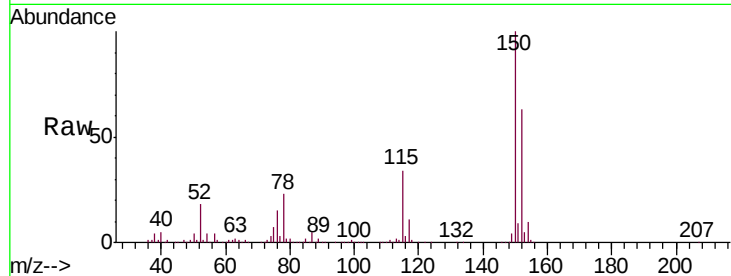
Tgt Ion:152 Resp: 315021

Ion Ratio Lower Upper

152 100

115 55.6 28.3 84.9

150 160.5 0.0 353.6



#95

Naphthalene

Concen: 9.038 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051419.D

Acq: 23 Sep 2018 17:39

Tgt Ion:128 Resp: 13871

Ion Ratio Lower Upper

128 100

127 15.2 10.5 15.7

129 9.3 8.6 12.8

