

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051420.D
 Acq On : 23 Sep 2018 18:04
 Operator : MD\SY
 Sample : J5021-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-E

Quant Time: Sep 24 07:48:05 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

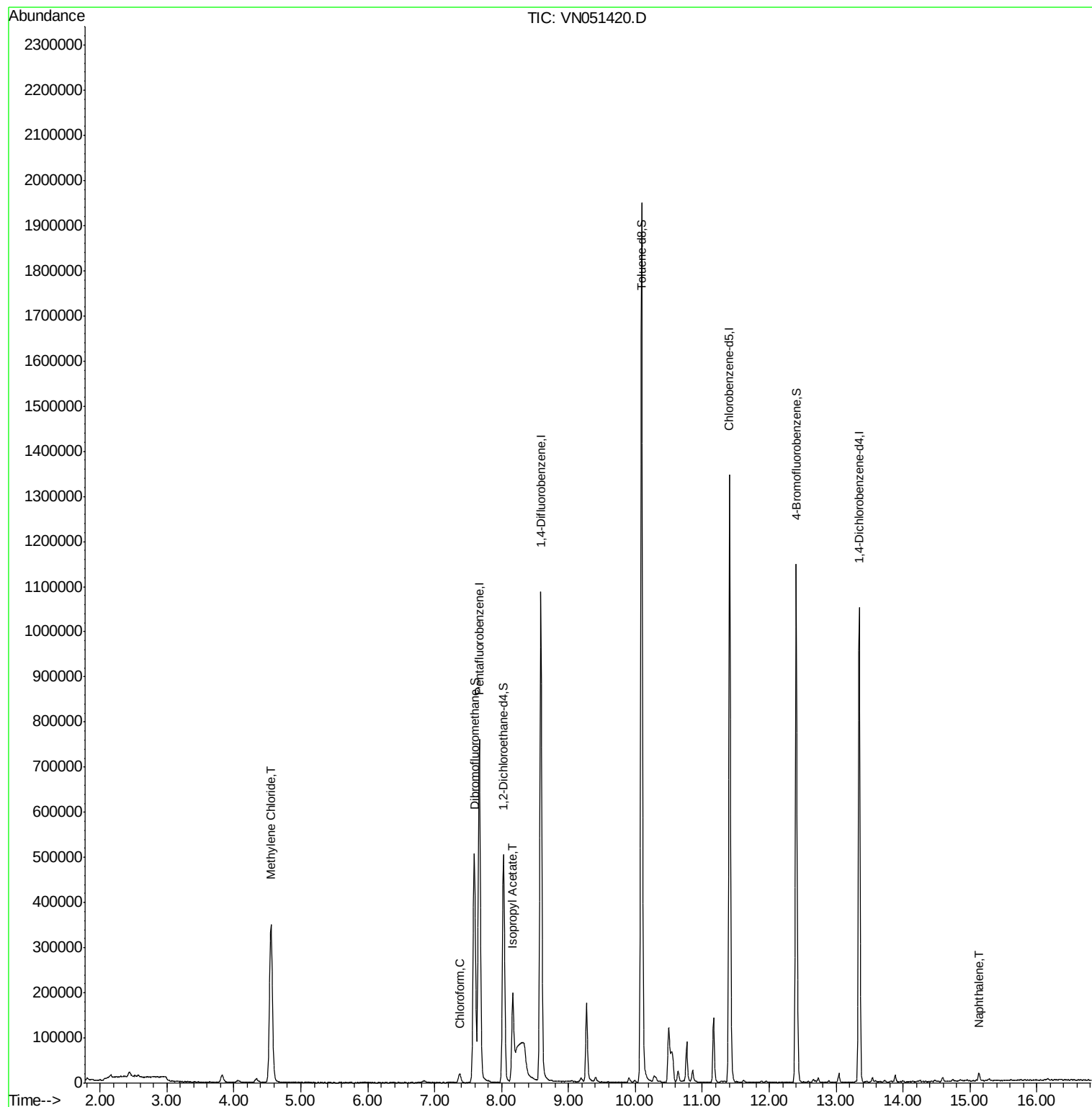
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	656800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1016150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	831748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	301050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	442426	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
35) Dibromofluoromethane	7.59	113	387788	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	10.09	98	1405010	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
62) 4-Bromofluorobenzene	12.40	95	374439	37.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.66%	
Target Compounds						
20) Methylene Chloride	4.55	84	262872	32.288	ug/l	97
30) Chloroform	7.38	83	21546	1.538	ug/l	93
43) Isopropyl Acetate	8.17	43	239824	19.603	ug/l	94
95) Naphthalene	15.13	128	15654	9.218	ug/l #	94

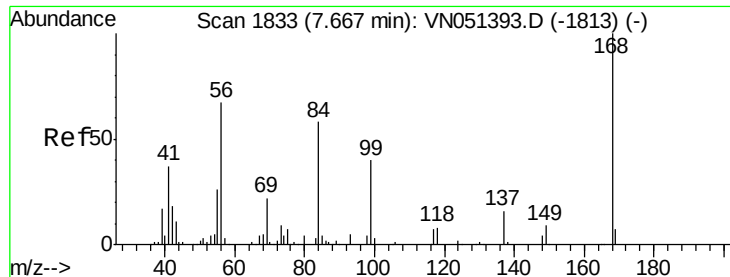
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
Data File : VN051420.D
Acq On : 23 Sep 2018 18:04
Operator : MD\SY
Sample : J5021-20
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LS-SOIL-E

Quant Time: Sep 24 07:48:05 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: VN051420.D

Acq: 23 Sep 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

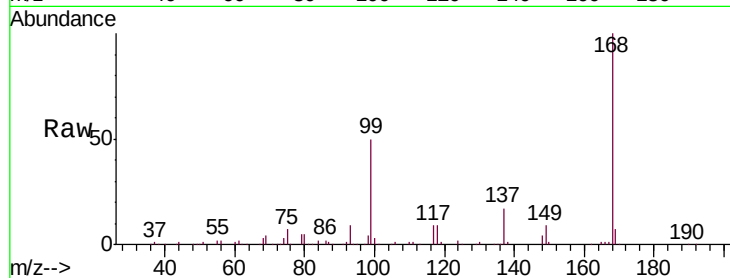
LS-SOIL-E

Tgt Ion:168 Resp: 656800

Ion Ratio Lower Upper

168 100

99 50.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

150000

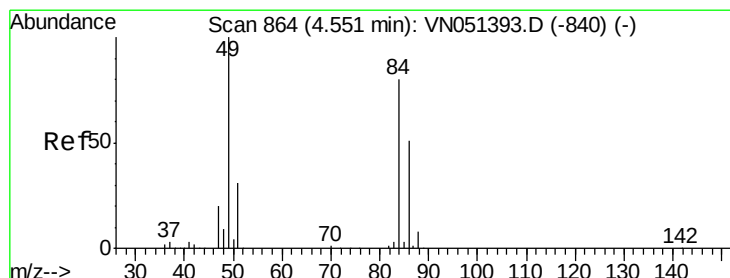
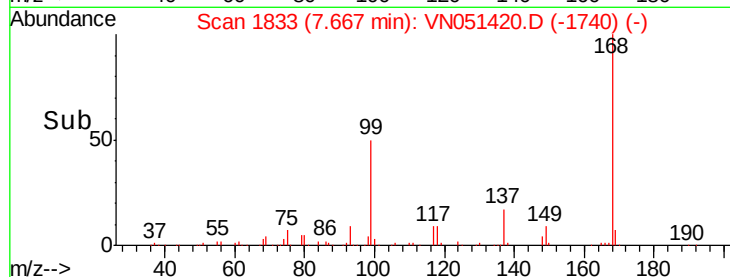
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 32.288 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051420.D

Acq: 23 Sep 2018 18:04

Tgt Ion: 84 Resp: 262872

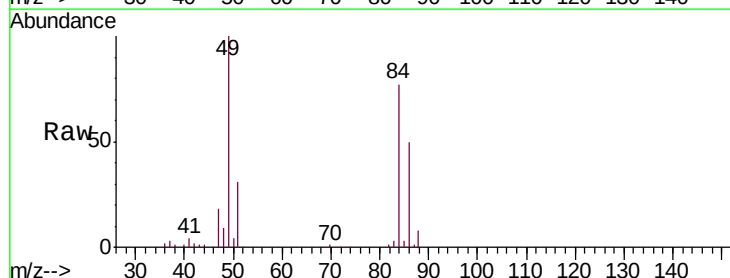
Ion Ratio Lower Upper

84 100

49 130.3 99.9 149.9

51 40.0 31.4 47.2

86 64.6 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

150000

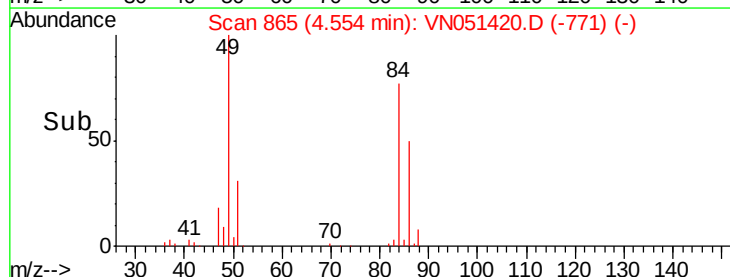
100000

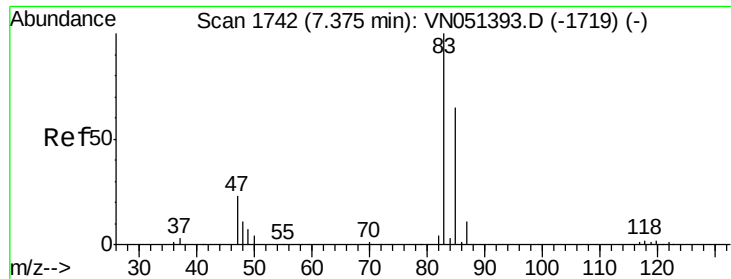
50000

0

Time-->

4.40 4.50 4.60 4.70

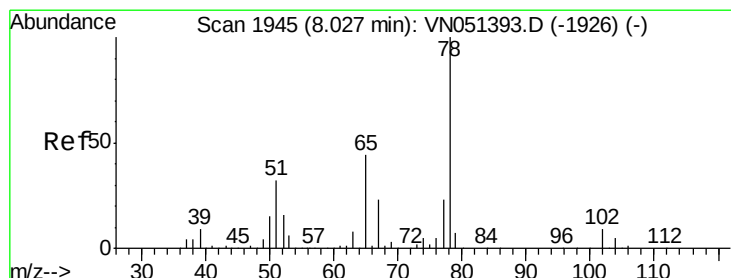
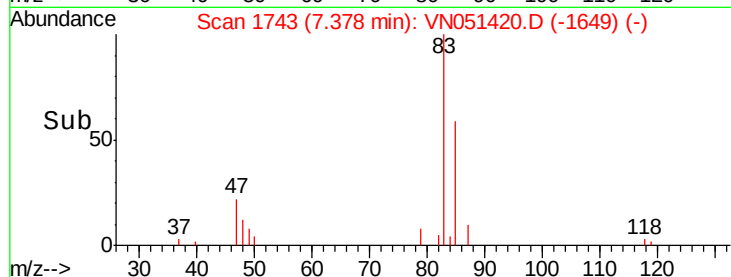
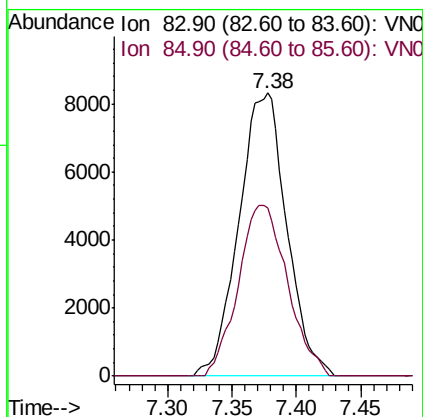
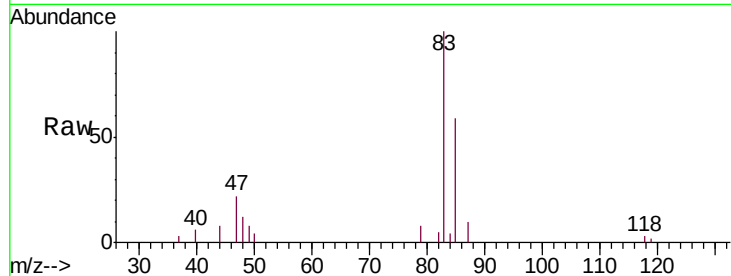




#30
Chloroform
Concen: 1.538 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN051420.D
Acq: 23 Sep 2018 18:04

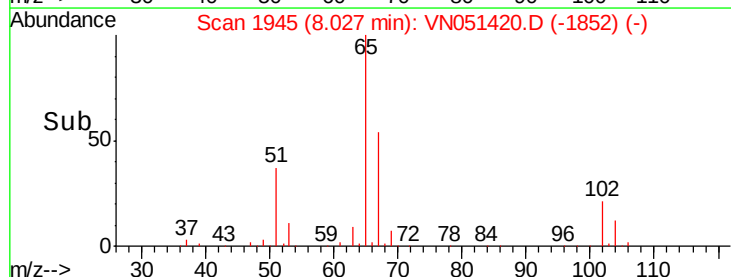
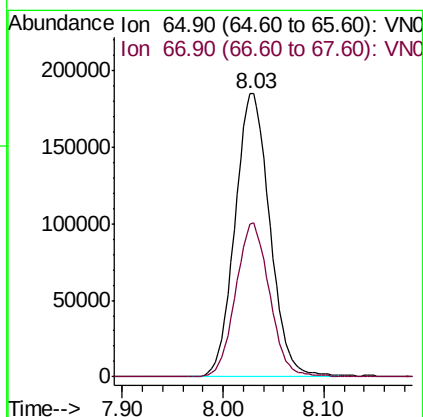
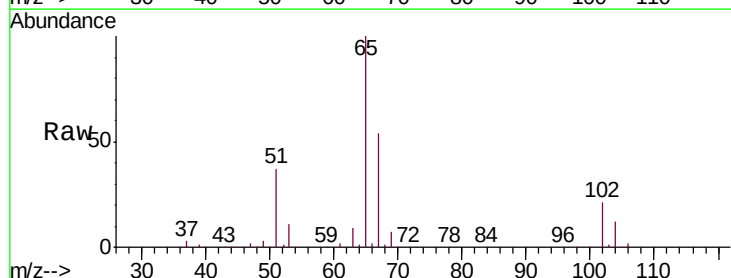
Instrument :
MSVOA_N
ClientSampleId :
LS-SOIL-E

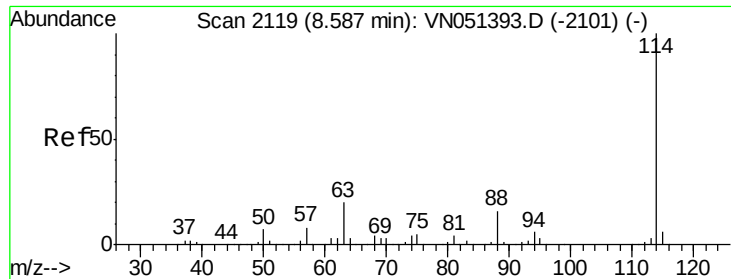
Tgt Ion: 83 Resp: 21546
Ion Ratio Lower Upper
83 100
85 59.4 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 53.773 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051420.D
Acq: 23 Sep 2018 18:04

Tgt Ion: 65 Resp: 442426
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.8

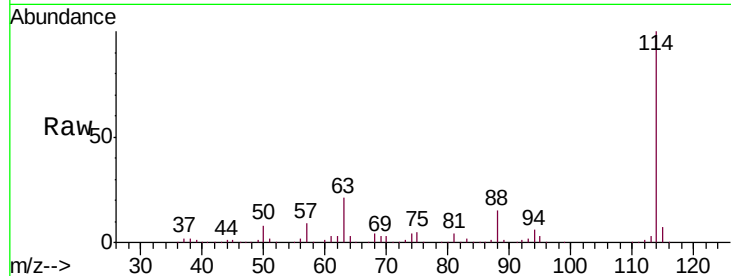




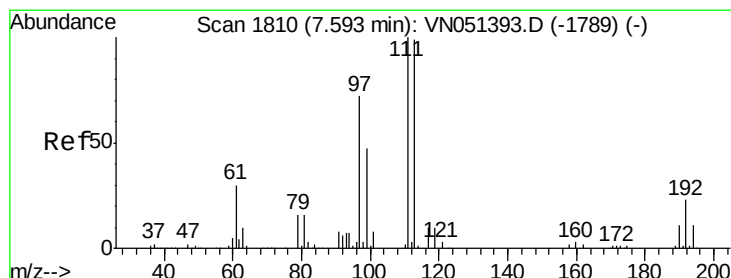
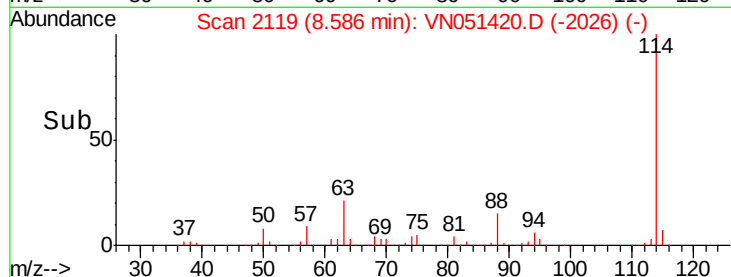
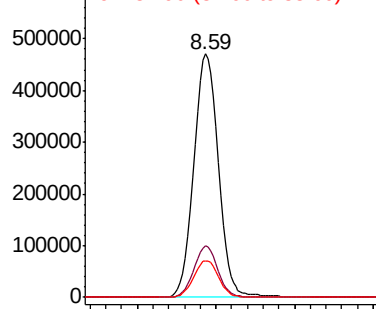
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051420.D
 Acq: 23 Sep 2018 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-E

Tgt Ion:114 Resp: 1016150
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.2
 88 15.0 0.0 31.4

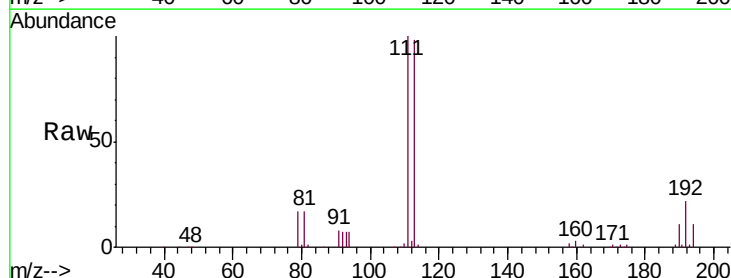


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

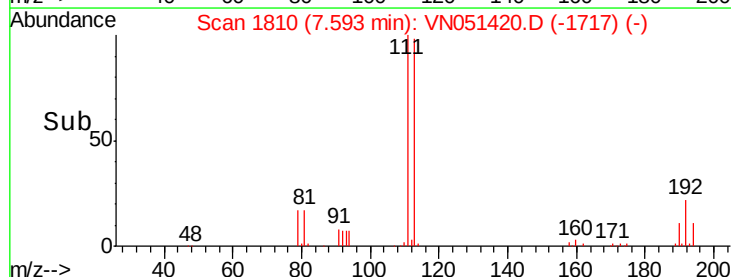
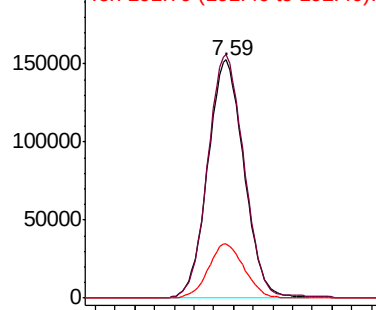


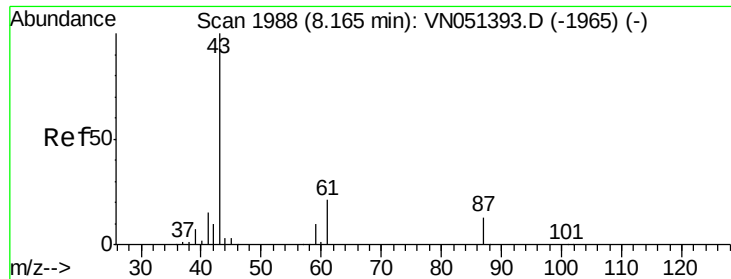
#35
 Dibromofluoromethane
 Concen: 47.724 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051420.D
 Acq: 23 Sep 2018 18:04

Tgt Ion:113 Resp: 387788
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 123.8
 192 22.5 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

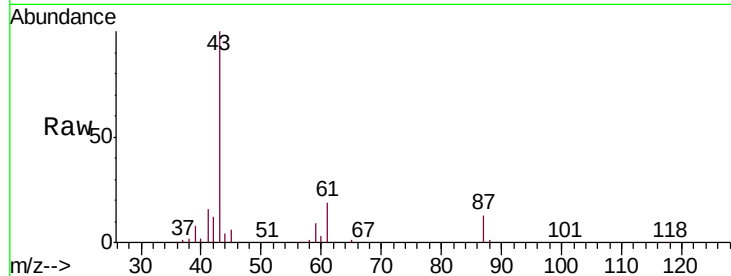




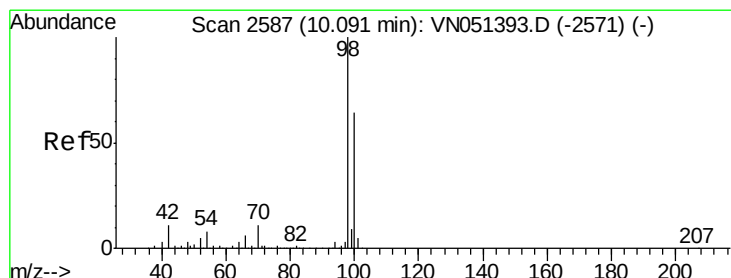
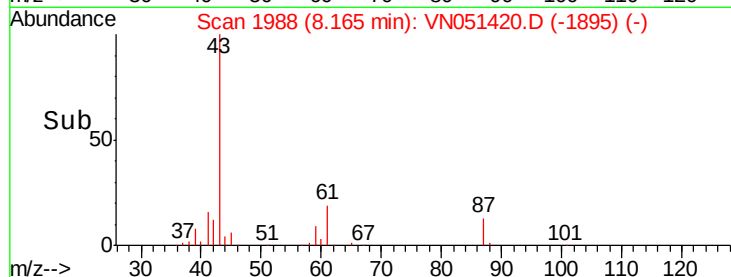
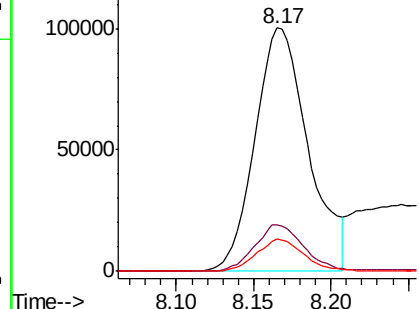
#43
Isopropyl Acetate
Concen: 19.603 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN051420.D
Acq: 23 Sep 2018 18:04

Instrument :
MSVOA_N
ClientSampleId :
LS-SOIL-E

Tgt Ion: 43 Resp: 239824
Ion Ratio Lower Upper
43 100
61 17.8 16.8 25.2
87 11.8 10.7 16.1

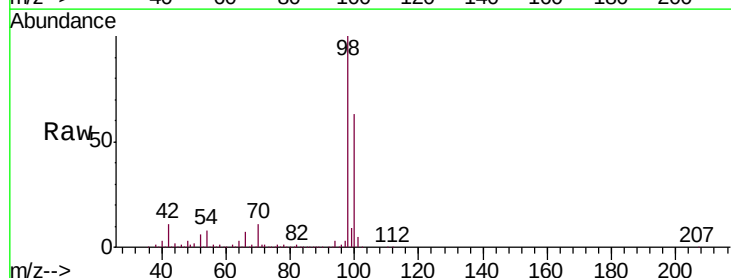


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

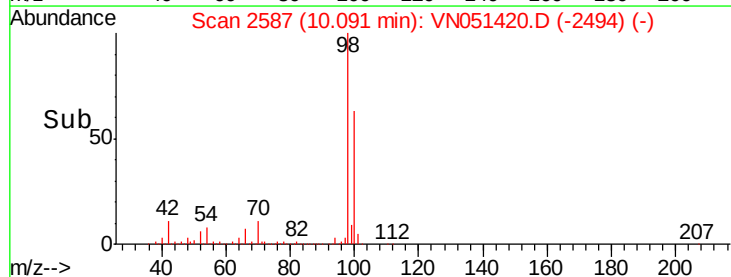
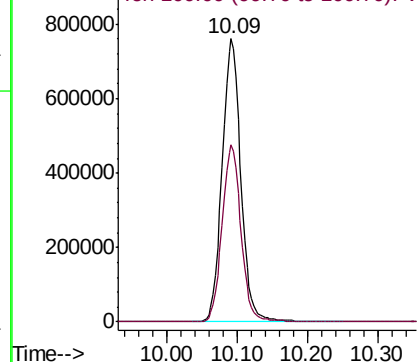


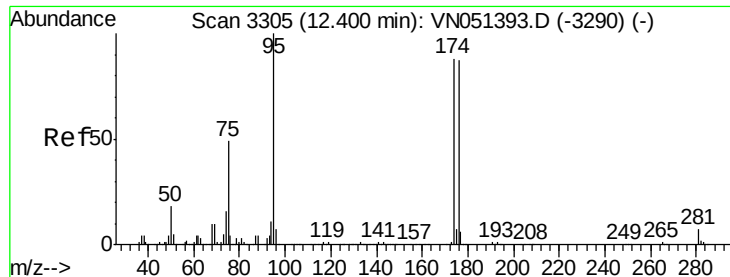
#50
Toluene-d8
Concen: 45.918 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051420.D
Acq: 23 Sep 2018 18:04

Tgt Ion: 98 Resp: 1405010
Ion Ratio Lower Upper
98 100
100 63.2 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: 37.828 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051420.D

Acq: 23 Sep 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-E

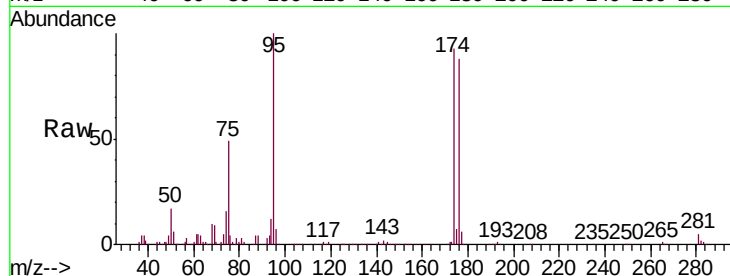
Tgt Ion: 95 Resp: 374439

Ion Ratio Lower Upper

95 100

174 91.2 0.0 181.6

176 87.8 0.0 176.4

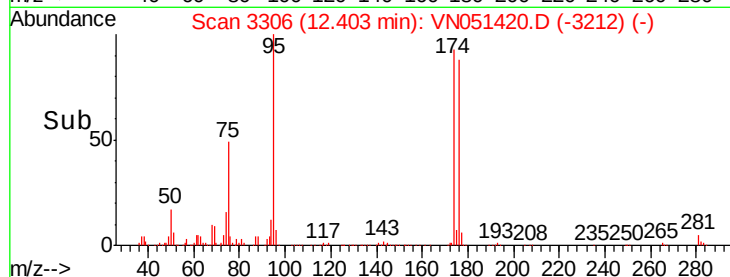


Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

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

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

Time--> 12.30 12.40 12.50

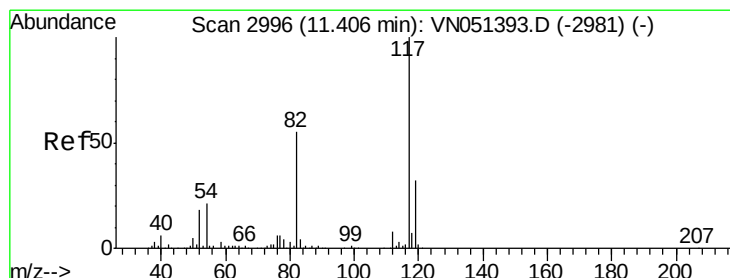


Abundance Ion 94.90 (94.60 to 95.60): VN051420.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051420.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051420.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: VN051420.D

Acq: 23 Sep 2018 18:04

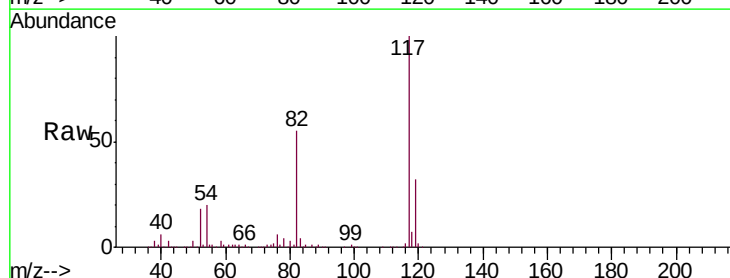
Tgt Ion: 117 Resp: 831748

Ion Ratio Lower Upper

117 100

82 54.9 44.2 66.2

119 31.7 25.9 38.9

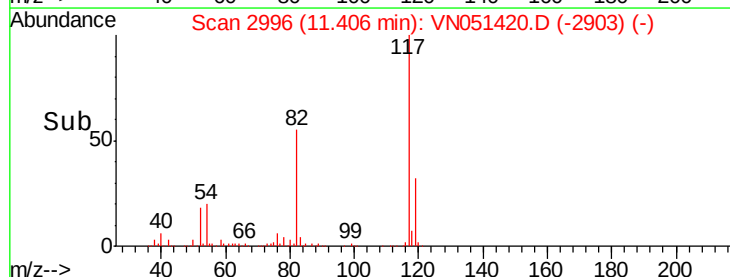


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

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

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

Time--> 11.30 11.40 11.50

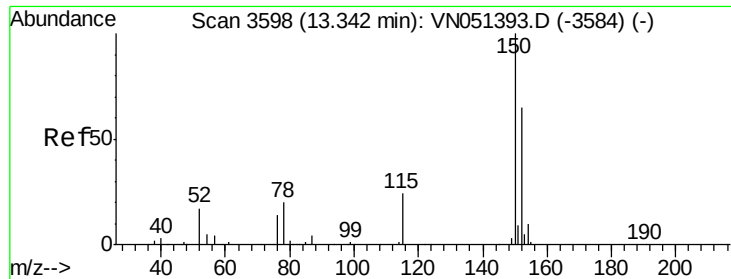


Abundance Ion 116.90 (116.60 to 117.60): VN051420.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051420.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051420.D (-2903) (-)

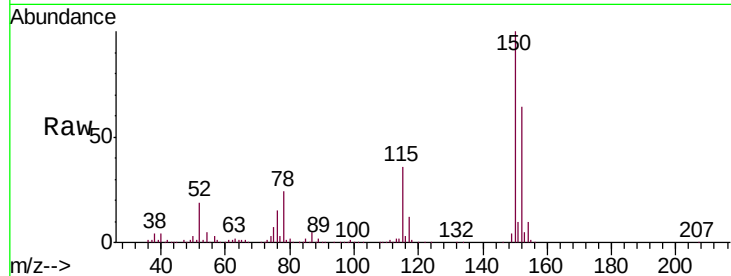
Time--> 11.30 11.40 11.50



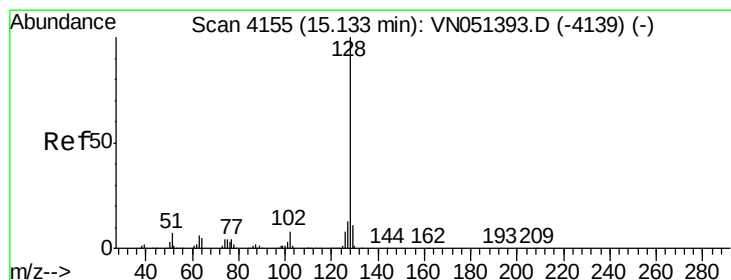
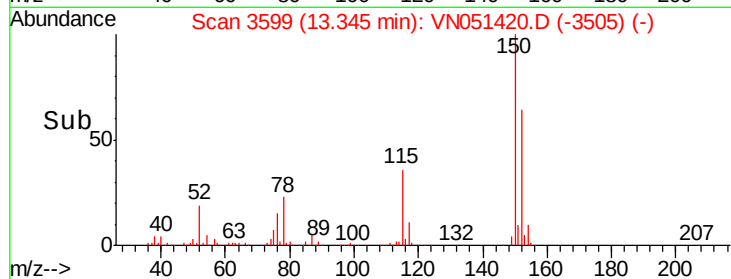
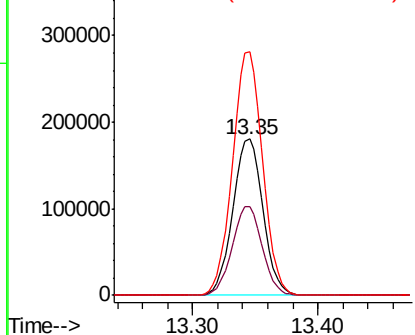
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN051420.D
 Acq: 23 Sep 2018 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-E

Tgt Ion:152 Resp: 301050
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.3 84.9
 150 155.2 0.0 353.6

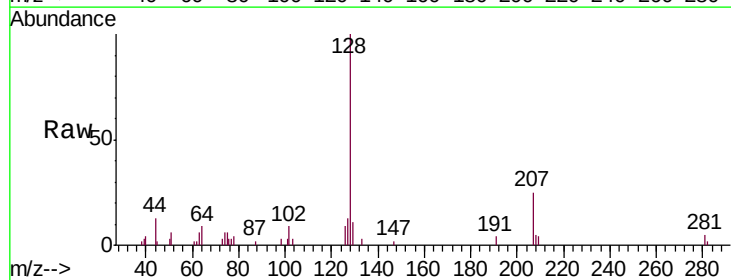


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 9.218 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN051420.D
 Acq: 23 Sep 2018 18:04

Tgt Ion:128 Resp: 15654
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.5 15.7
 129 6.8 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

