

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051464.D
 Acq On : 24 Sep 2018 16:22
 Operator : MD\SY
 Sample : J5057-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HC-SOIL

Quant Time: Sep 25 04:01:10 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

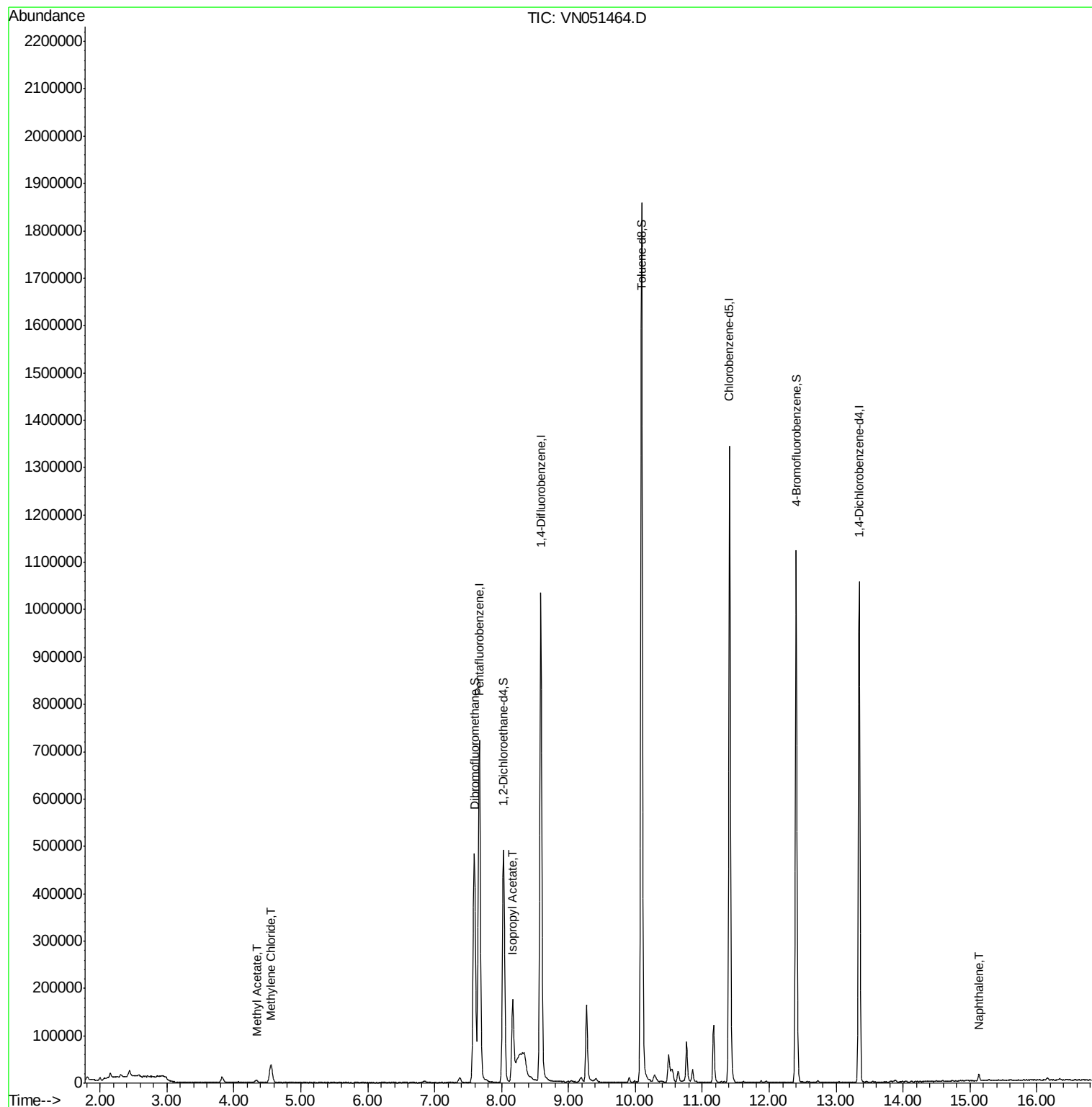
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	621077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	971553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	828159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	302848	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	428397	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
35) Dibromofluoromethane	7.59	113	375348	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
50) Toluene-d8	10.09	98	1355329	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
62) 4-Bromofluorobenzene	12.40	95	372008	39.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.62%	
Target Compounds						
18) Methyl Acetate	4.33	43	10110	1.706	ug/l	99
20) Methylene Chloride	4.56	84	28402	3.689	ug/l	95
43) Isopropyl Acetate	8.17	43	214979	18.379	ug/l	97
95) Naphthalene	15.13	128	11295	8.886	ug/l #	94

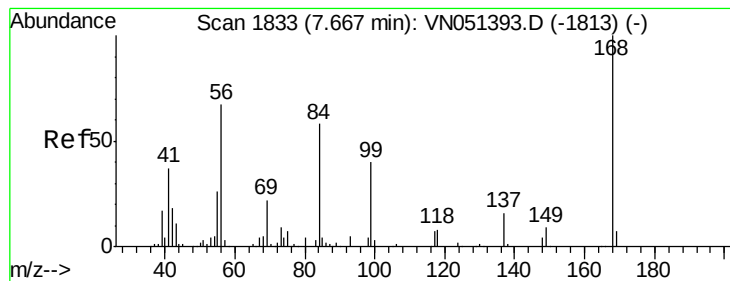
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092418\
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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: VN051464.D

Acq: 24 Sep 2018 16:22

Instrument :

MSVOA_N

ClientSampled :

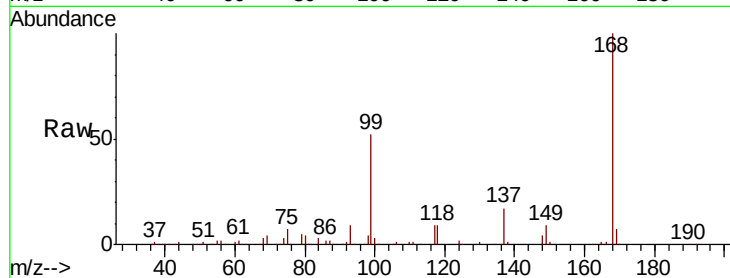
HC-SOIL

Tot Ion:168 Resp: 621077

Ion Ratio Lower Upper

168 100

99 51.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

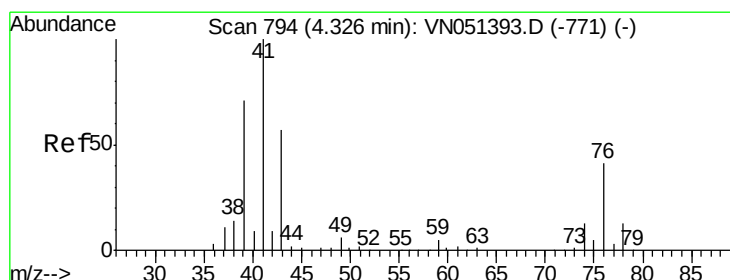
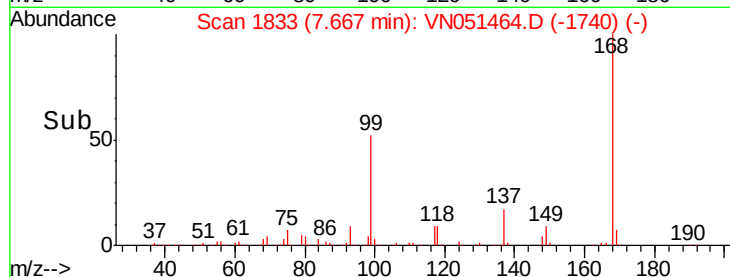
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.706 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN051464.D

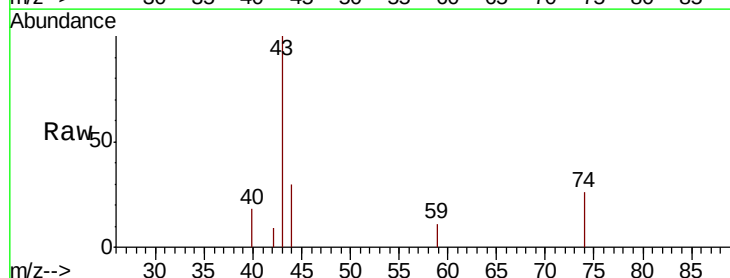
Acq: 24 Sep 2018 16:22

Tgt Ion: 43 Resp: 10110

Ion Ratio Lower Upper

43 100

74 22.9 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.33

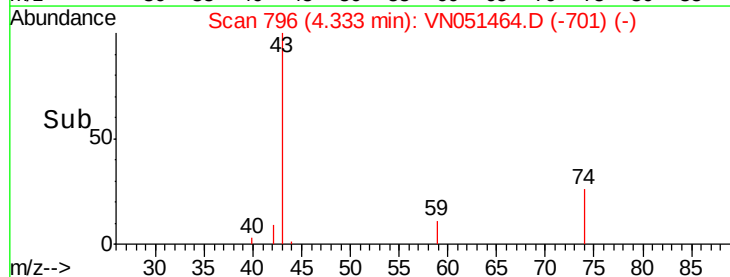
3000

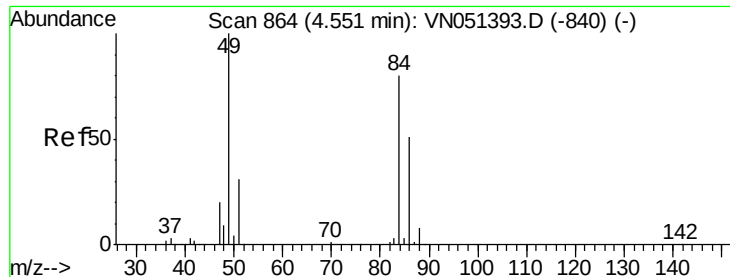
2000

1000

0

Time-->

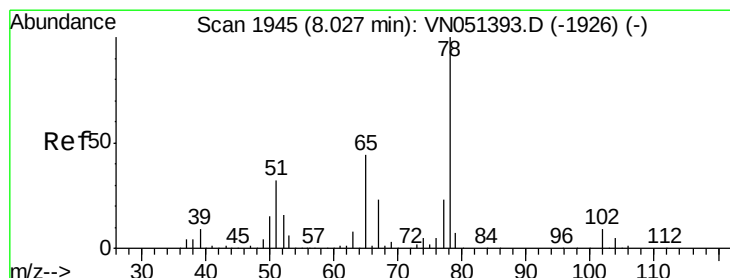
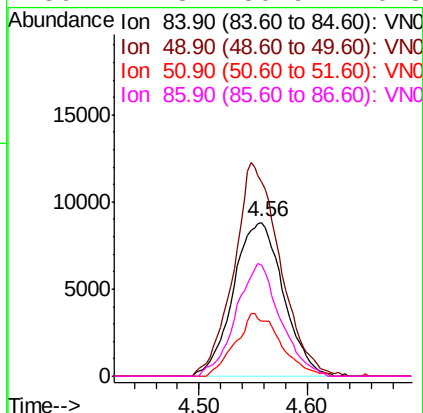
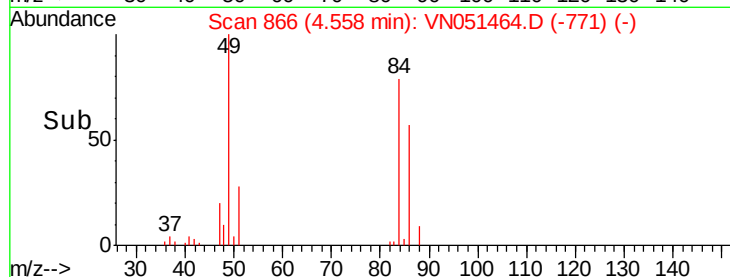
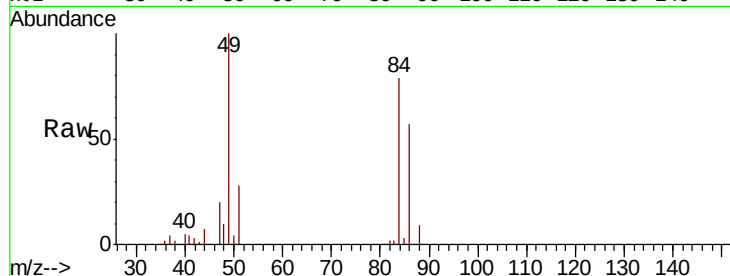




#20
Methylene Chloride
Concen: 3.689 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051464.D
Acq: 24 Sep 2018 16:22

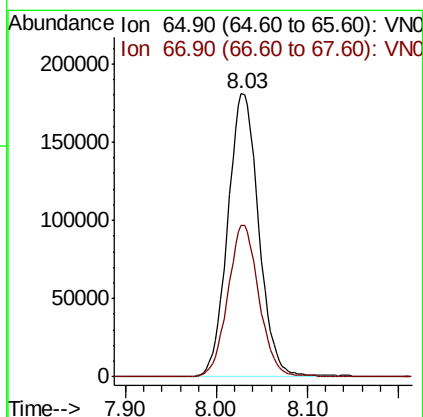
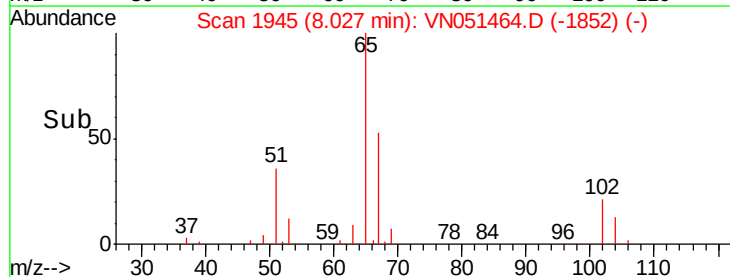
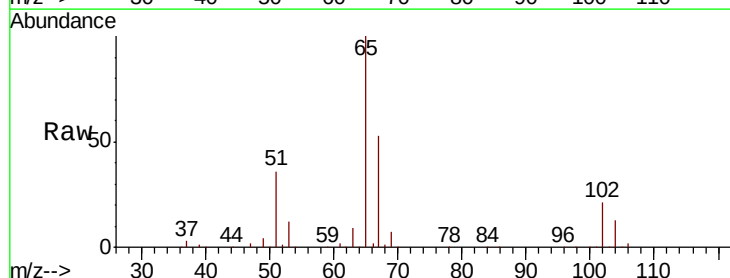
Instrument :
MSVOA_N
ClientSampled :
HC-SOIL

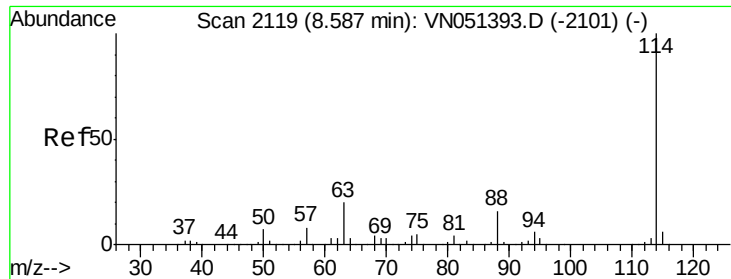
Tot Ion: 84 Resp: 28402
Ion Ratio Lower Upper
84 100
49 126.7 99.9 149.9
51 35.8 31.4 47.2
86 72.3 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 55.063 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051464.D
Acq: 24 Sep 2018 16:22

Tgt Ion: 65 Resp: 428397
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.8

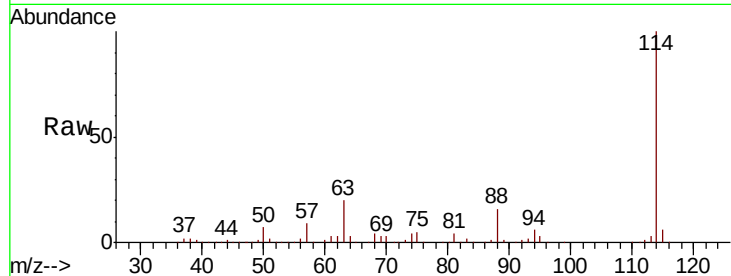




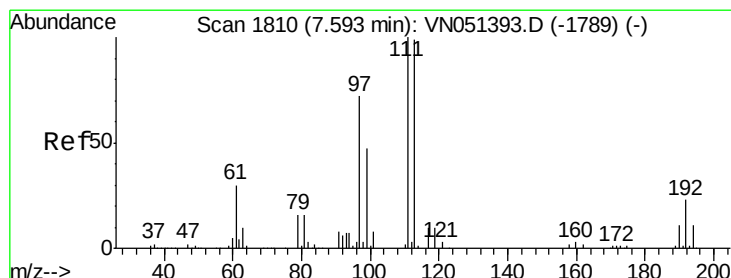
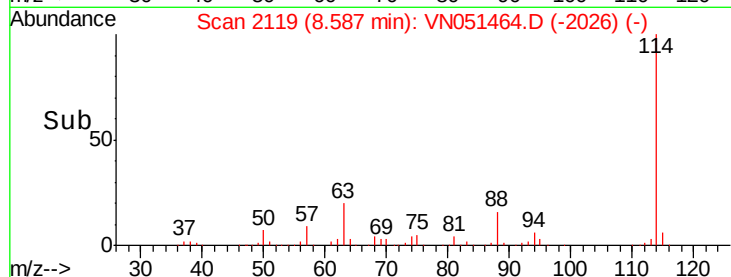
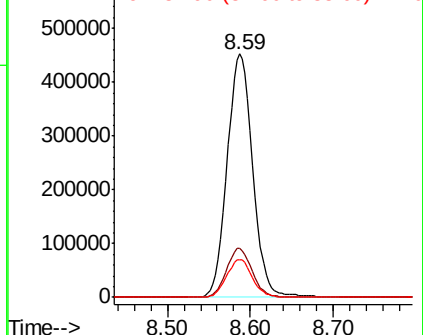
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051464.D
 Acq: 24 Sep 2018 16:22

Instrument :
 MSVOA_N
 ClientSampleId :
 HC-SOIL

Tot Ion:114 Resp: 971553
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.2
 88 15.6 0.0 31.4

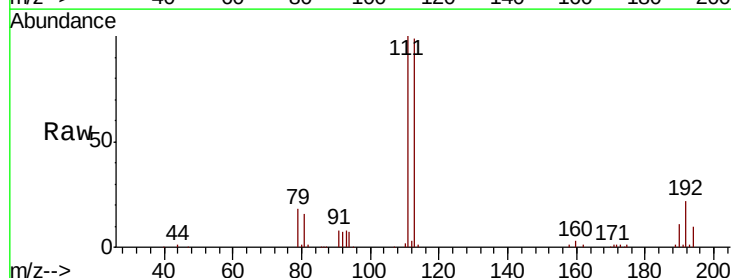


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

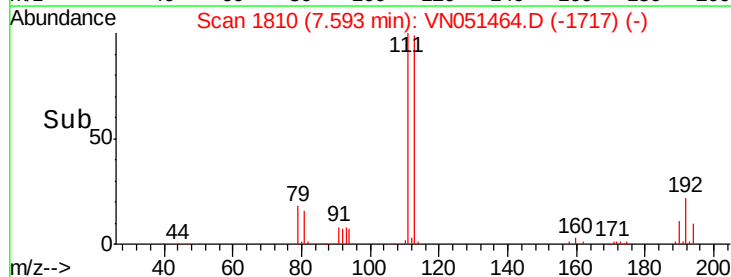
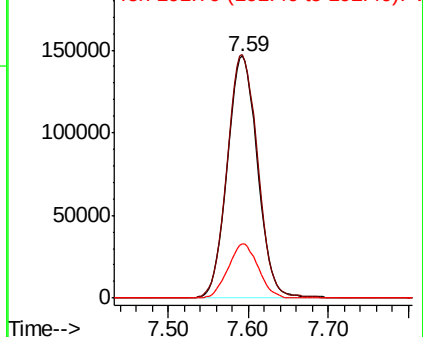


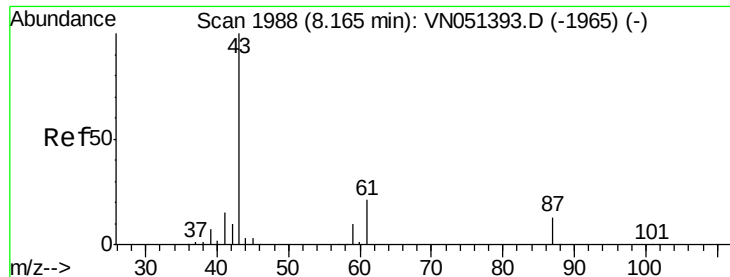
#35
 Dibromofluoromethane
 Concen: 48.313 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051464.D
 Acq: 24 Sep 2018 16:22

Tgt Ion:113 Resp: 375348
 Ion Ratio Lower Upper
 113 100
 111 102.0 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: 18.379 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051464.D

Acq: 24 Sep 2018 16:22

Instrument :

MSVOA_N

ClientSampleId :

HC-SOIL

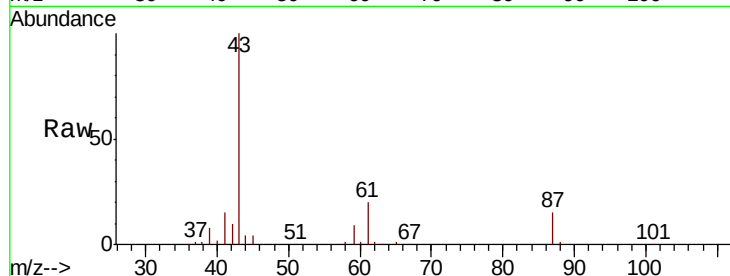
Tot Ion: 43 Resp: 214979

Ion Ratio Lower Upper

43 100

61 18.9 16.8 25.2

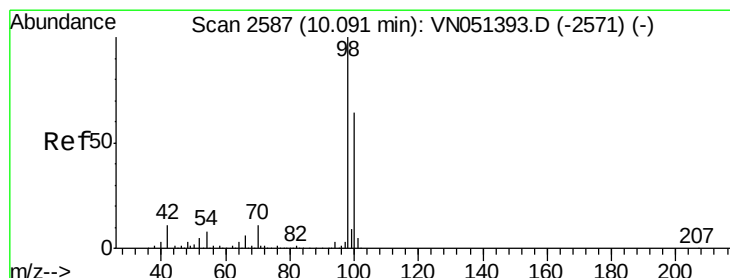
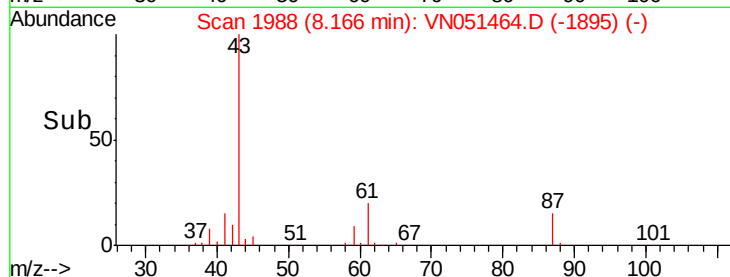
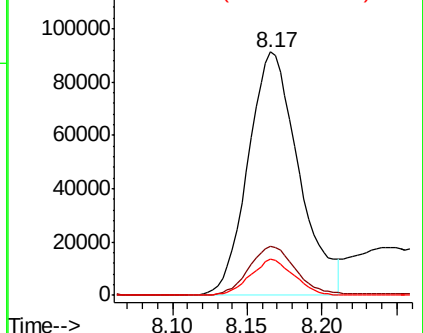
87 12.8 10.7 16.1



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: 46.327 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051464.D

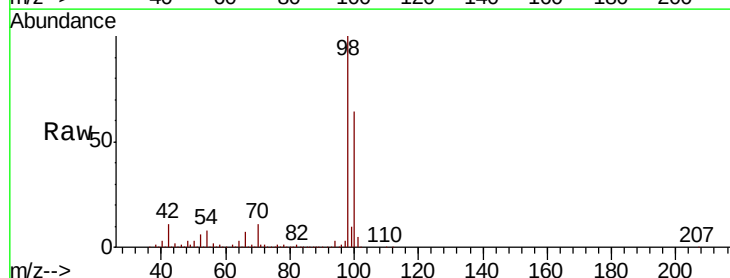
Acq: 24 Sep 2018 16:22

Tgt Ion: 98 Resp: 1355329

Ion Ratio Lower Upper

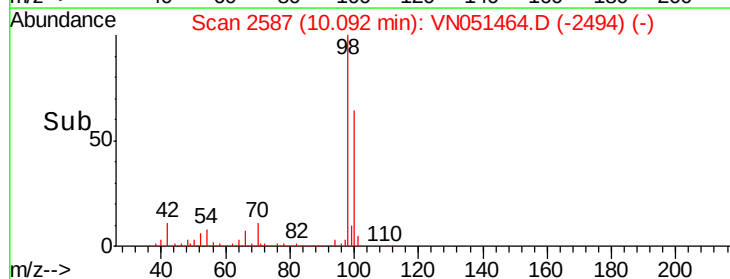
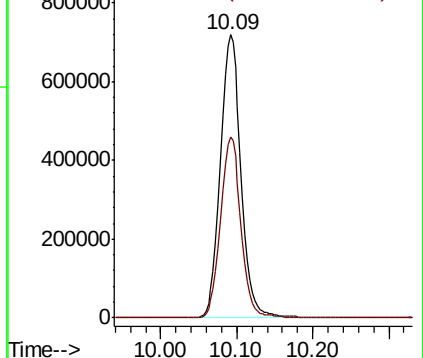
98 100

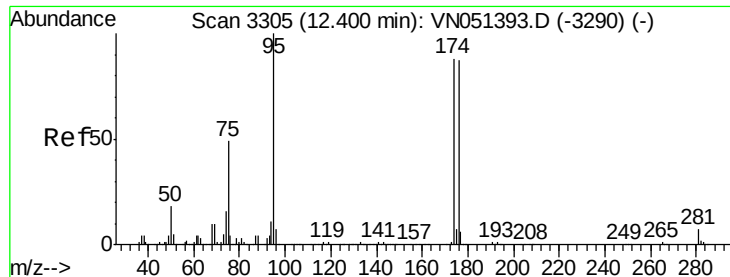
100 63.5 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 39.307 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051464.D

Acq: 24 Sep 2018 16:22

Instrument :

MSVOA_N

ClientSampleId :

HC-SOIL

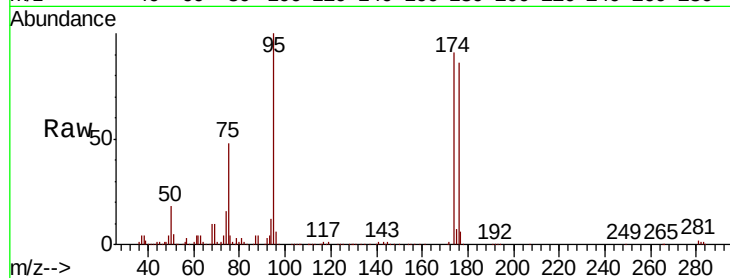
Tot Ion: 95 Resp: 372008

Ion Ratio Lower Upper

95 100

174 91.6 0.0 181.6

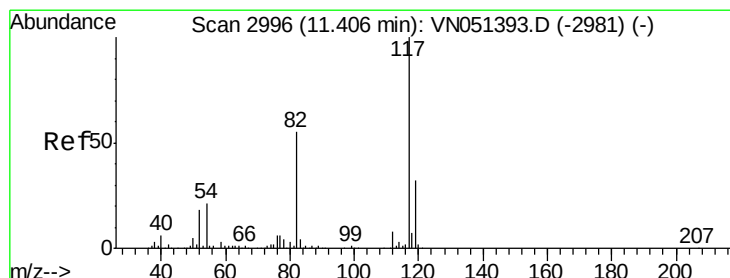
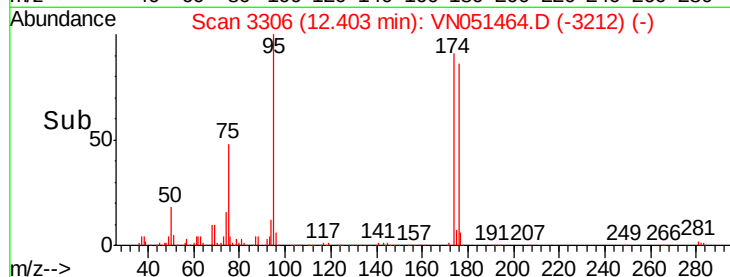
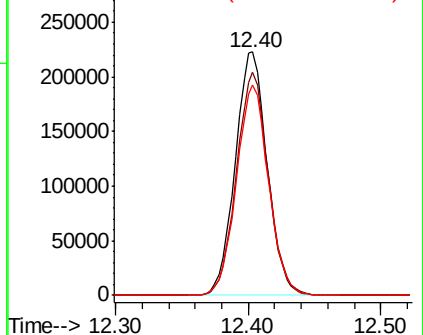
176 86.9 0.0 176.4



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: VN051464.D

Acq: 24 Sep 2018 16:22

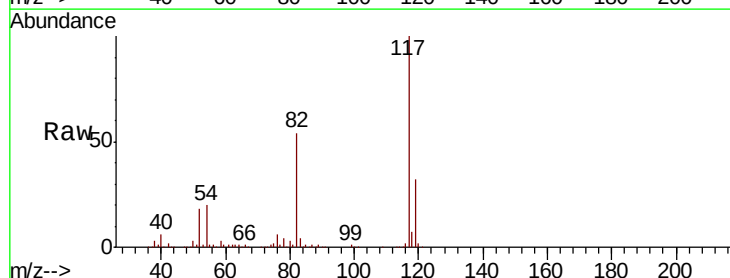
Tgt Ion: 117 Resp: 828159

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.2

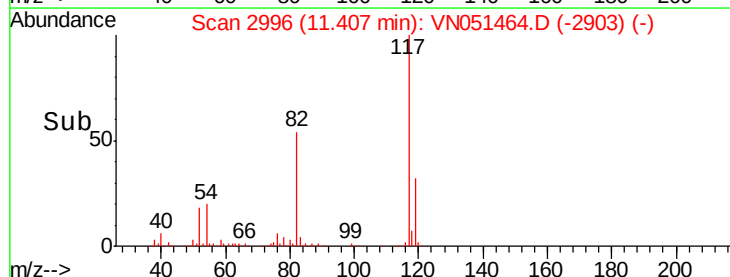
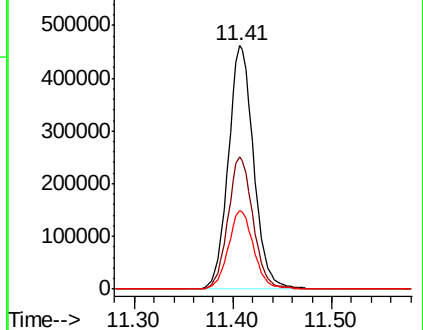
119 32.3 25.9 38.9

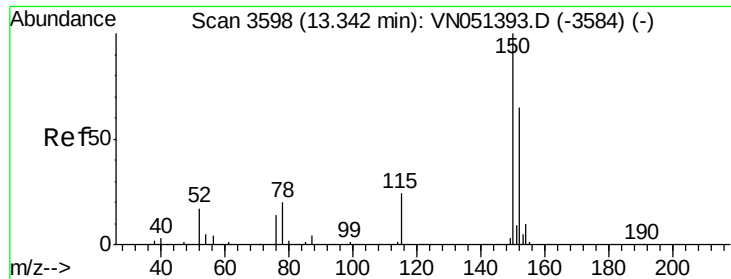


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

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

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



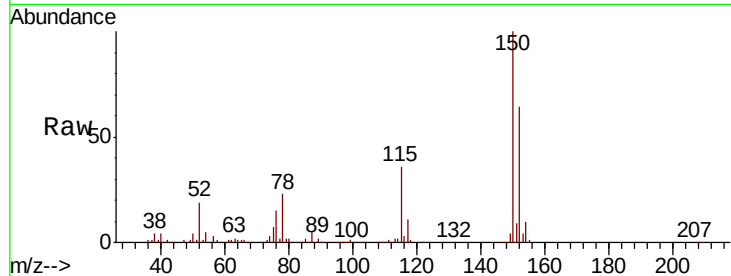


#72

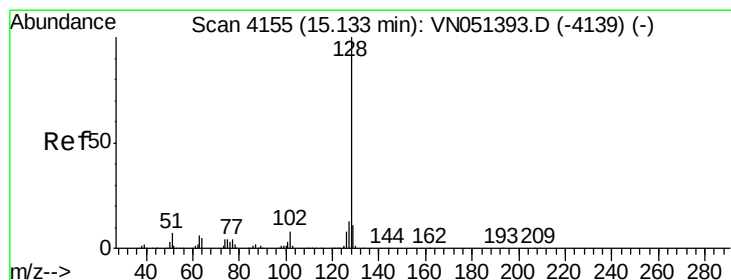
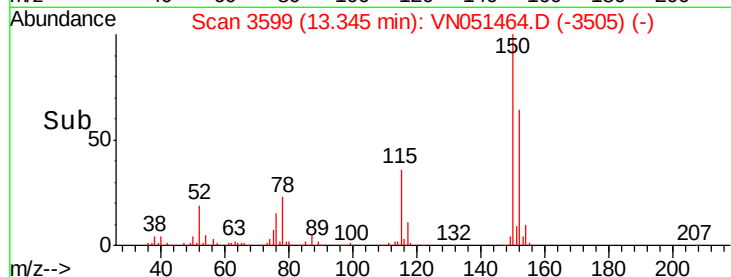
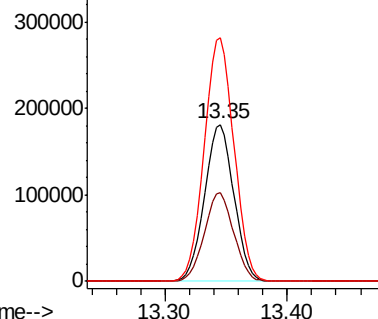
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051464.D
Acq: 24 Sep 2018 16:22

Instrument :
MSVOA_N
ClientSampled :
HC-SOIL

Tot Ion:152 Resp: 302848
Ion Ratio Lower Upper
152 100
115 56.7 28.3 84.9
150 157.9 0.0 353.6



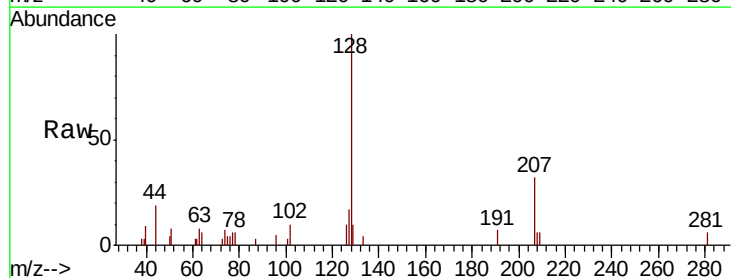
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 8.886 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051464.D
Acq: 24 Sep 2018 16:22

Tgt Ion:128 Resp: 11295
Ion Ratio Lower Upper
128 100
127 17.0 10.5 15.7#
129 9.8 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

