

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055121.D
 Acq On : 18 Apr 2019 15:20
 Operator : JC/SP
 Sample : K2453-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES

Quant Time: Apr 19 17:50:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

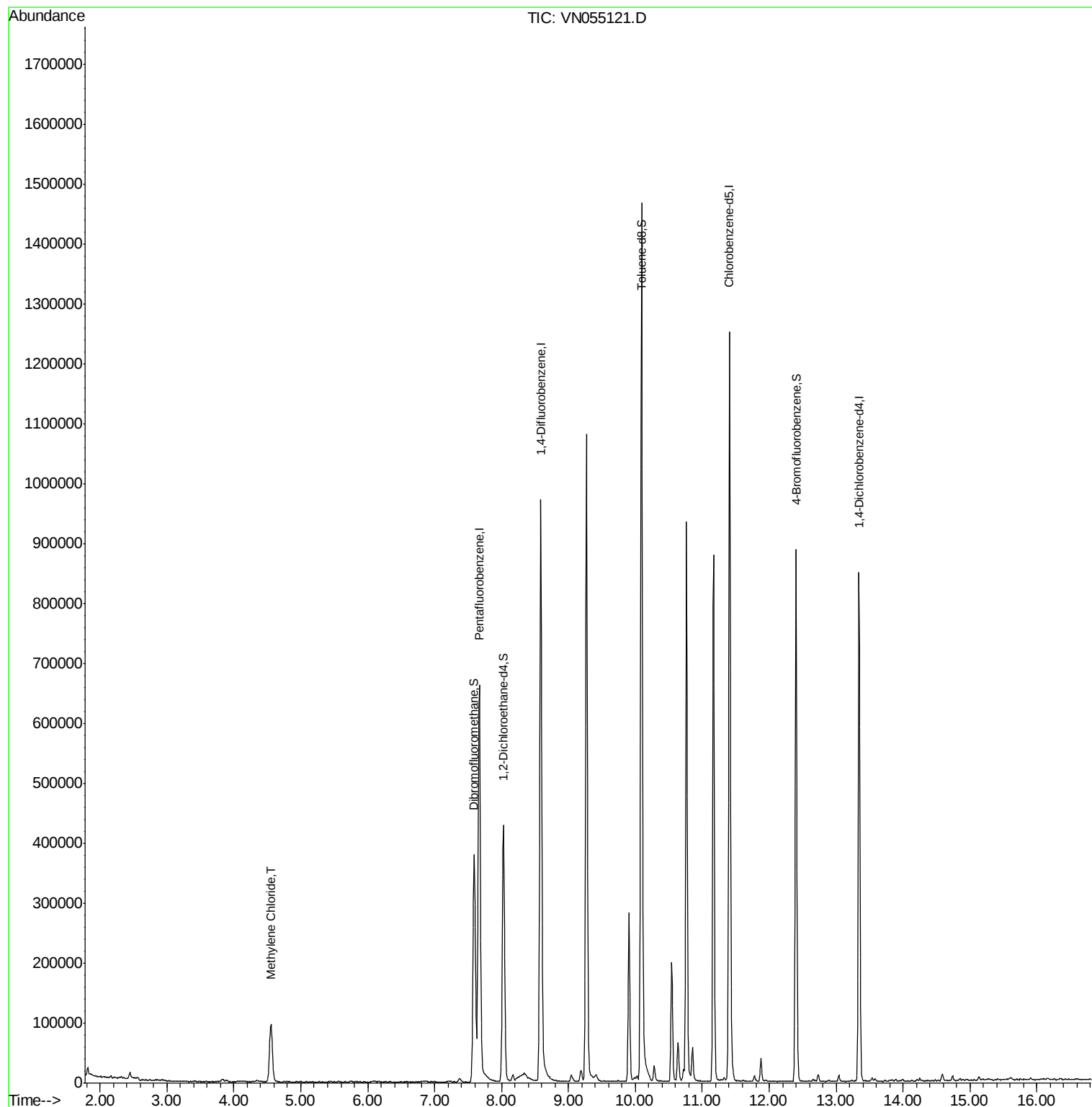
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	572160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	901152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	737517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	361428	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
35) Dibromofluoromethane	7.59	113	288447	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	10.09	98	1062829	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.40	95	300774	42.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.84%	
Target Compounds						
20) Methylene Chloride	4.55	84	67366	9.283	ug/l	Qvalue 94

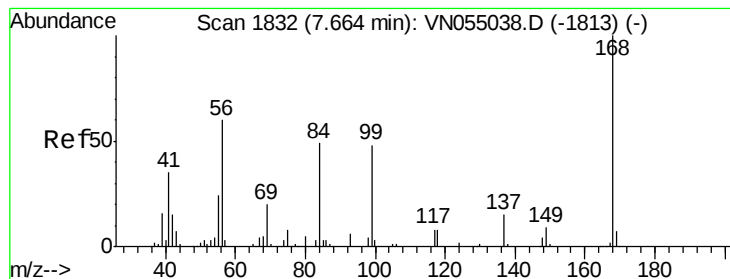
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055121.D

Acq: 18 Apr 2019 15:20

Instrument :

MSVOA_N

ClientSampleId :

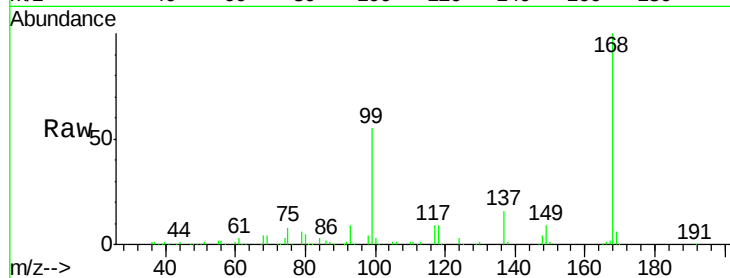
OILY-STONES

Tot Ion:168 Resp: 572160

Ion Ratio Lower Upper

168 100

99 54.8 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

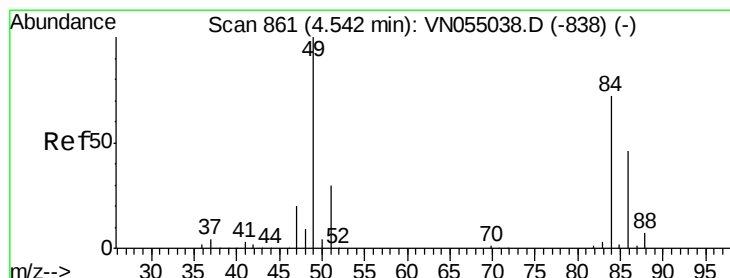
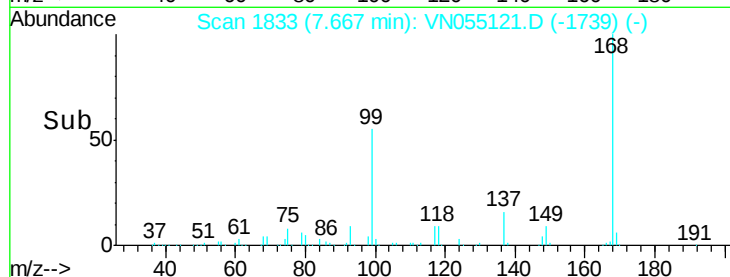
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 9.283 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN055121.D

Acq: 18 Apr 2019 15:20

Tgt Ion: 84 Resp: 67366

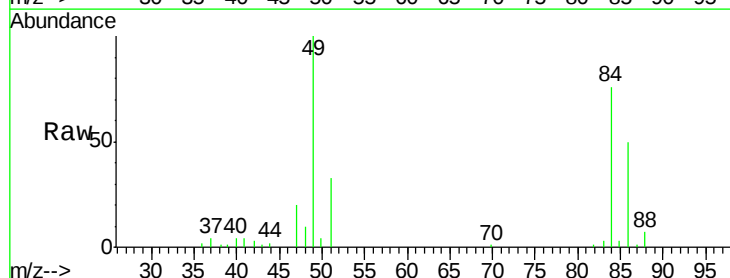
Ion Ratio Lower Upper

84 100

49 130.8 109.4 164.2

51 44.0 32.2 48.4

86 66.5 49.3 73.9



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

40000

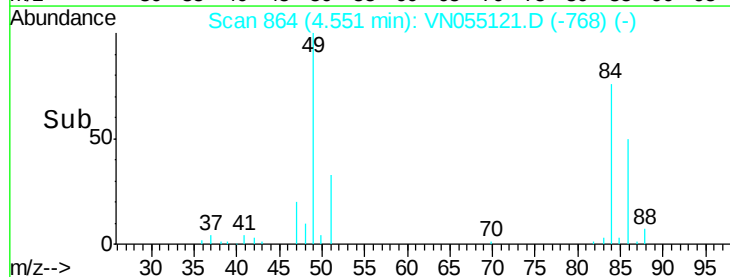
30000

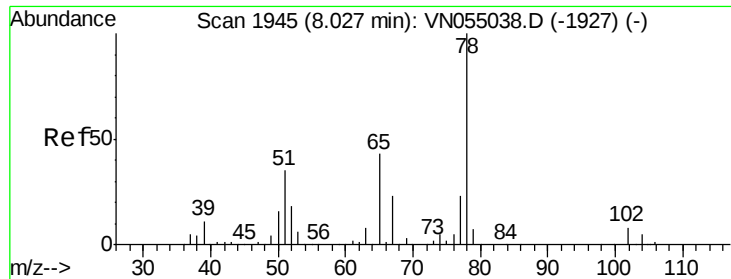
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.522 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055121.D

Acq: 18 Apr 2019 15:20

Instrument :

MSVOA_N

ClientSampleId :

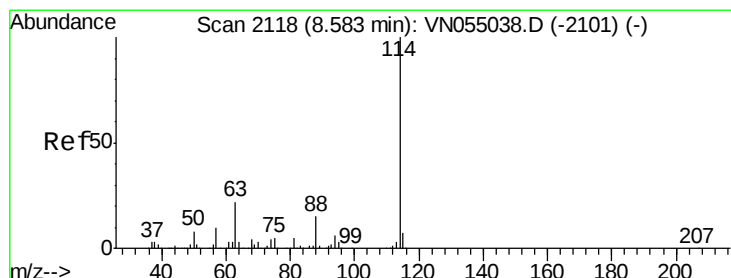
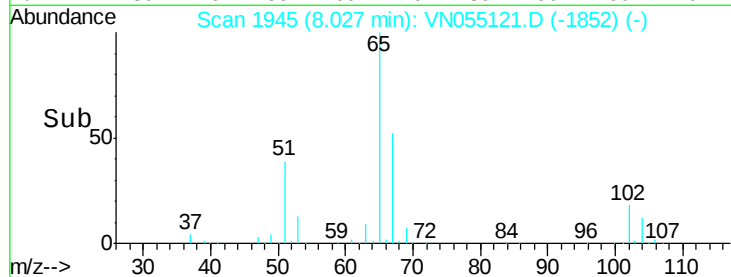
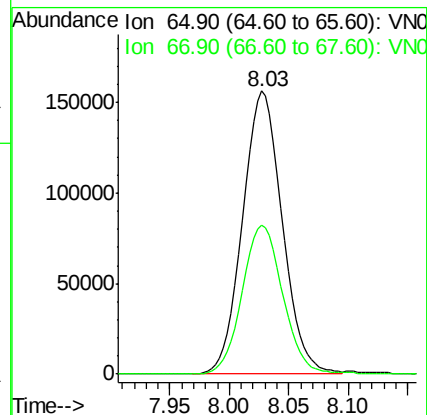
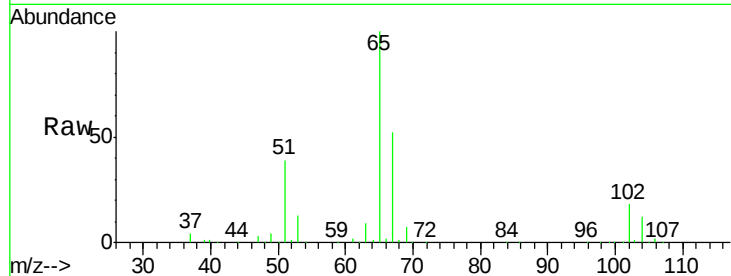
OILY-STONES

Tot Ion: 65 Resp: 361428

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055121.D

Acq: 18 Apr 2019 15:20

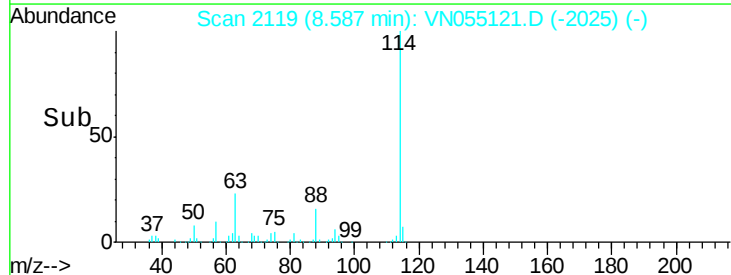
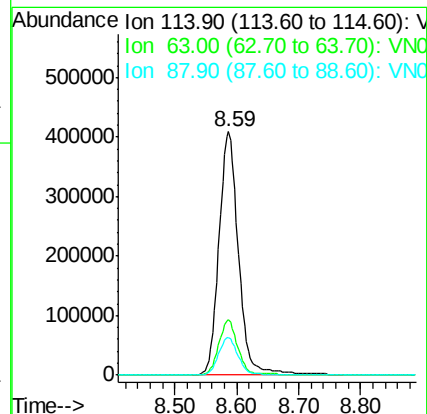
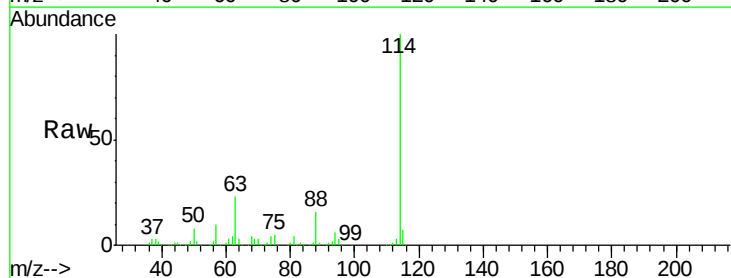
Tgt Ion: 114 Resp: 901152

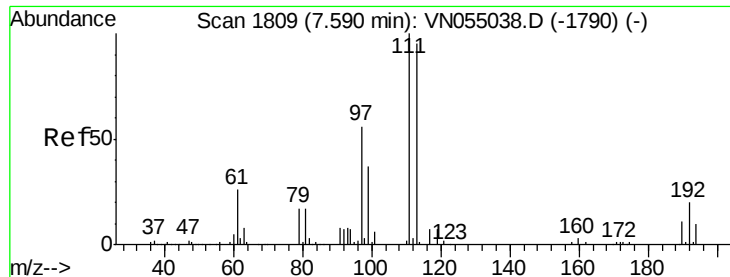
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.2

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.895 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055121.D

Acq: 18 Apr 2019 15:20

Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

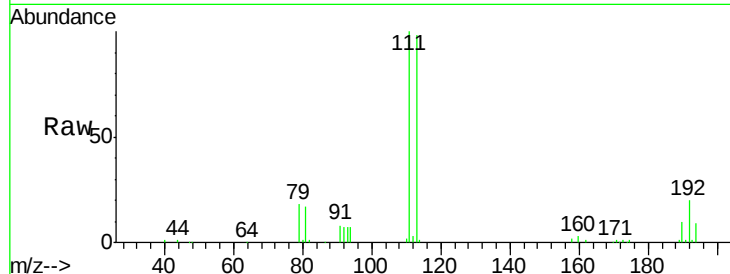
Tot Ion:113 Resp: 288447

Ion Ratio Lower Upper

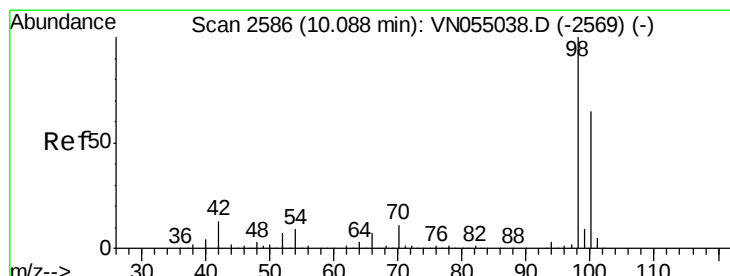
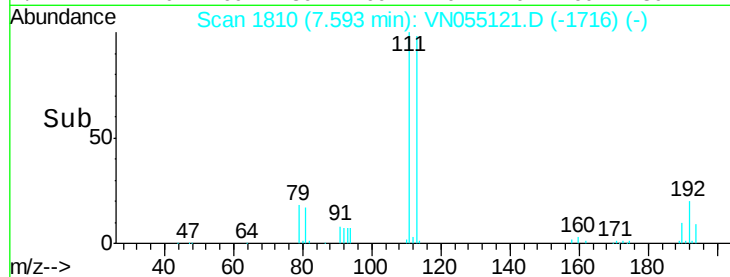
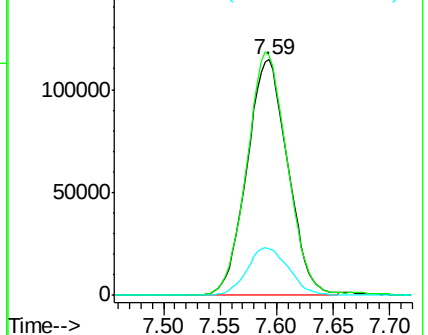
113 100

111 101.9 82.1 123.1

192 20.6 16.5 24.7



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



#50

Toluene-d8

Concen: 49.308 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055121.D

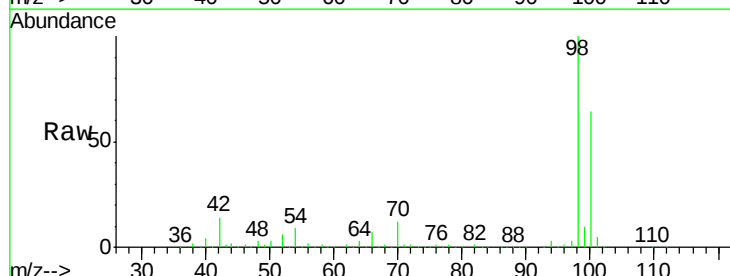
Acq: 18 Apr 2019 15:20

Tgt Ion: 98 Resp: 1062829

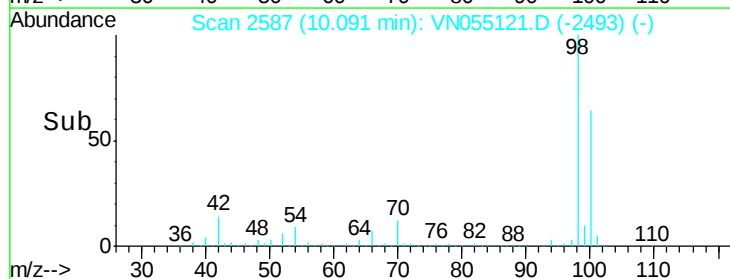
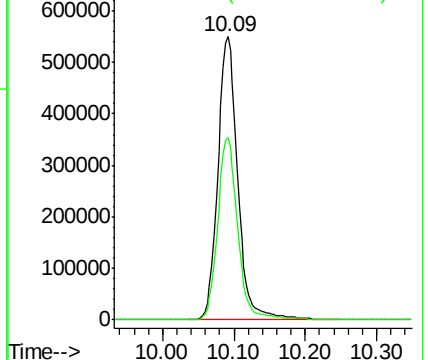
Ion Ratio Lower Upper

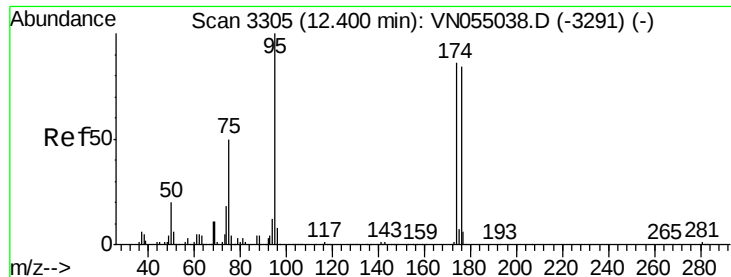
98 100

100 65.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.922 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055121.D

Acq: 18 Apr 2019 15:20

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

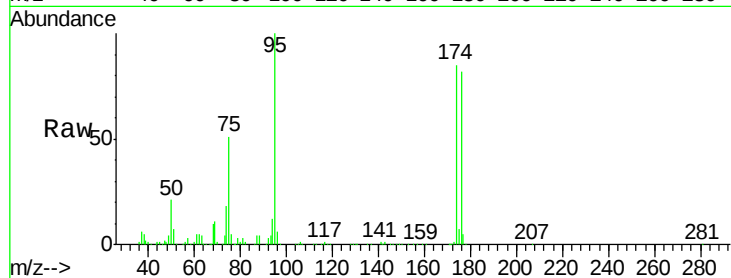
Tot Ion: 95 Resp: 300774

Ion Ratio Lower Upper

95 100

174 85.1 0.0 174.4

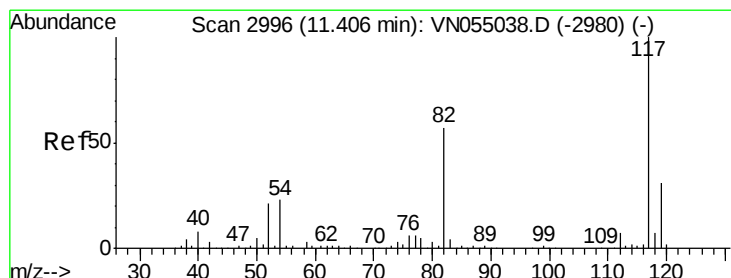
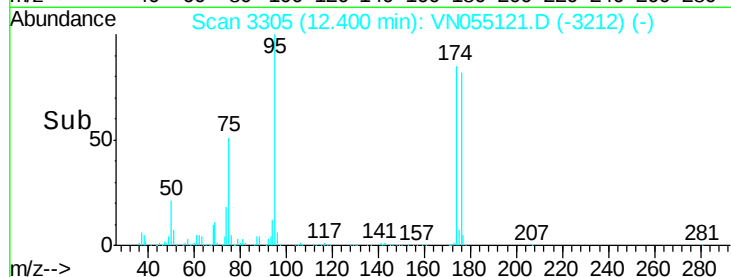
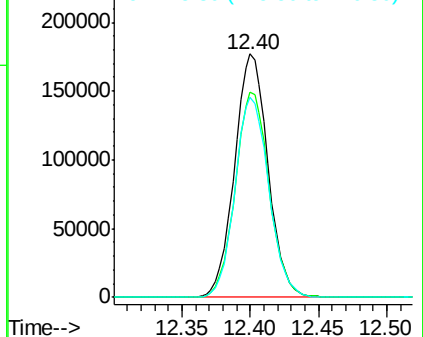
176 83.2 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055121.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055121.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055121.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055121.D

Acq: 18 Apr 2019 15:20

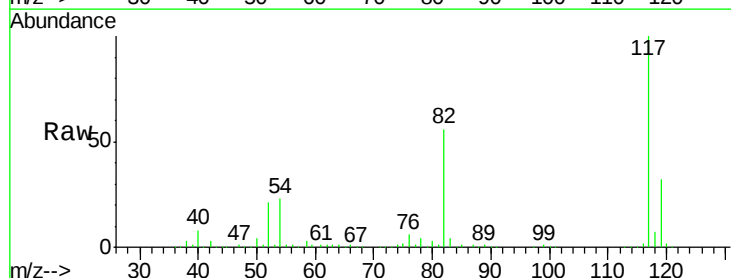
Tgt Ion: 117 Resp: 737517

Ion Ratio Lower Upper

117 100

82 55.6 44.6 66.8

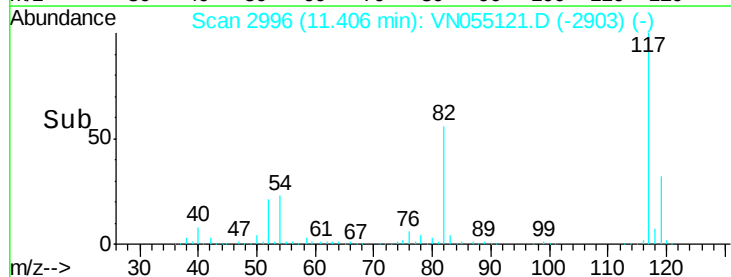
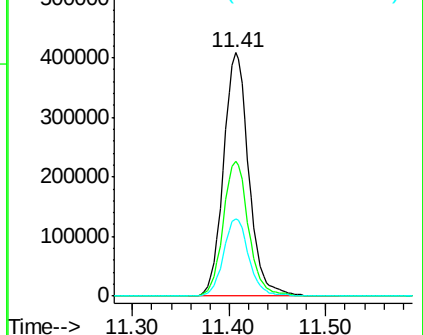
119 31.9 25.5 38.3

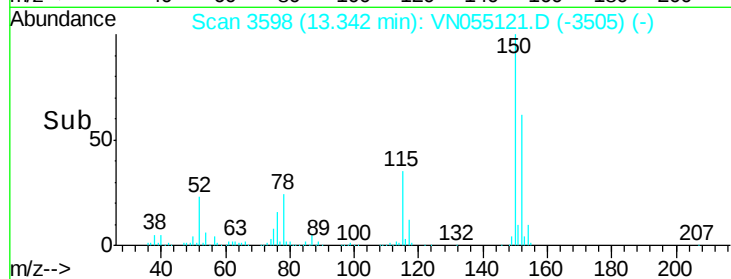
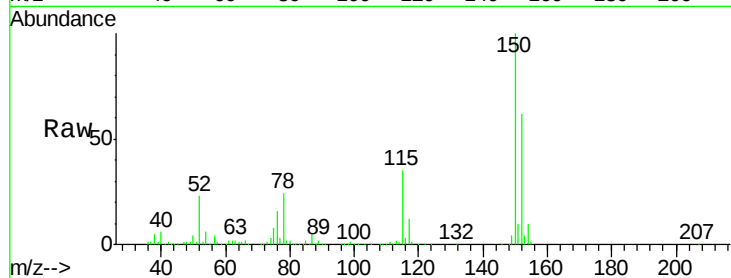
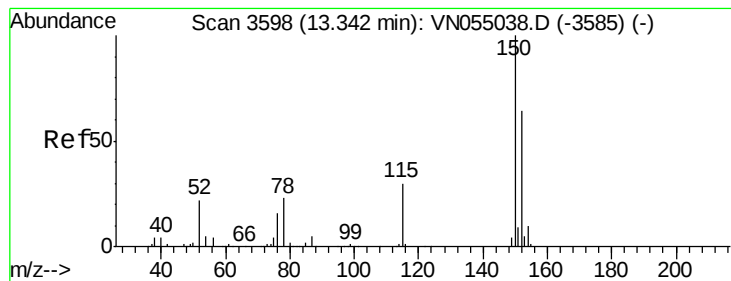


Abundance Ion 116.90 (116.60 to 117.60): VN055121.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055121.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055121.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055121.D

Acq: 18 Apr 2019 15:20

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

Tot Ion:152 Resp: 225817

Ion Ratio Lower Upper

152 100

115 57.2 28.5 85.6

150 160.2 0.0 347.2

