

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051317.D
 Acq On : 19 Sep 2018 14:25
 Operator : MD\SY
 Sample : J4937-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOILREF-6

Quant Time: Sep 20 01:52:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	559051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	834140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	678677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	199445	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	313025	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
35) Dibromofluoromethane	7.59	113	324094	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
50) Toluene-d8	10.09	98	1130048	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
62) 4-Bromofluorobenzene	12.40	95	278200	36.51	ug/l	0.00
Spiked Amount			Recovery	=	73.02%	

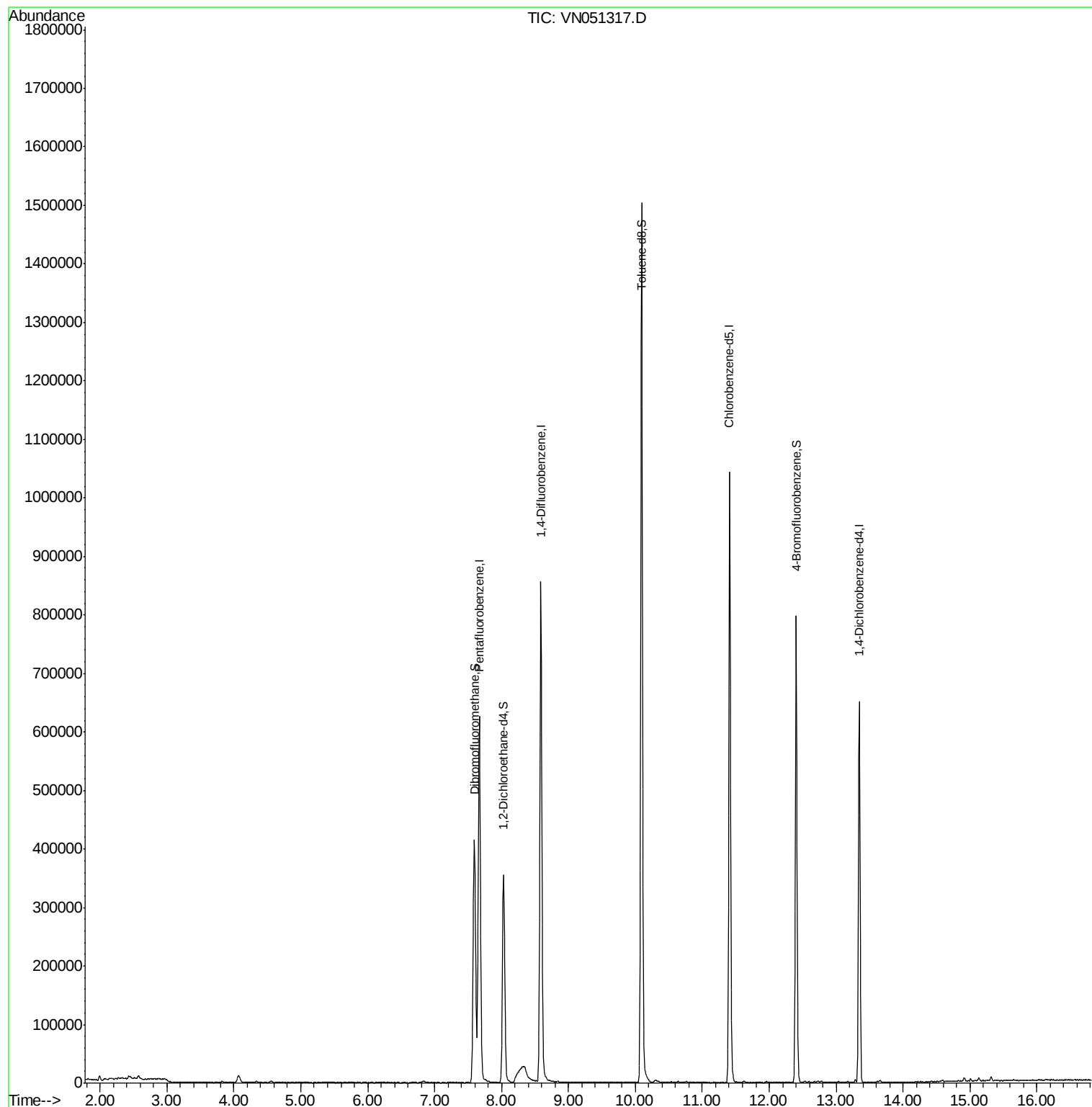
Target Compounds	Qvalue
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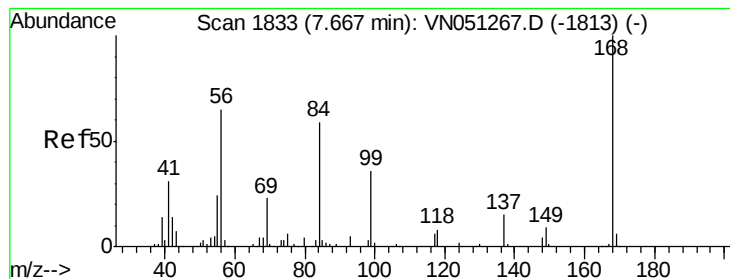
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091918\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051317.D

Acq: 19 Sep 2018 14:25

Instrument :

MSVOA_N

ClientSampleId :

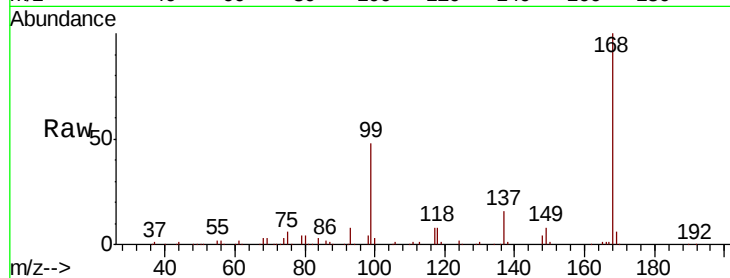
STORAGEBLANK-SOILREF-6

Tot Ion:168 Resp: 559051

Ion Ratio Lower Upper

168 100

99 47.8 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

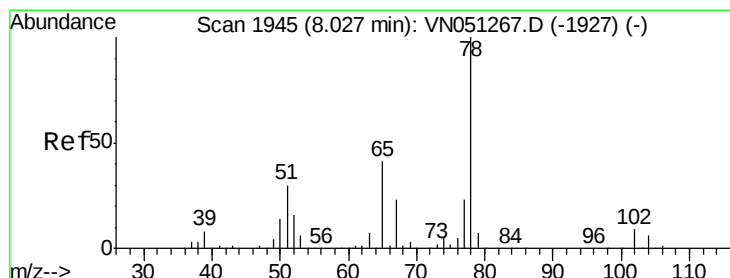
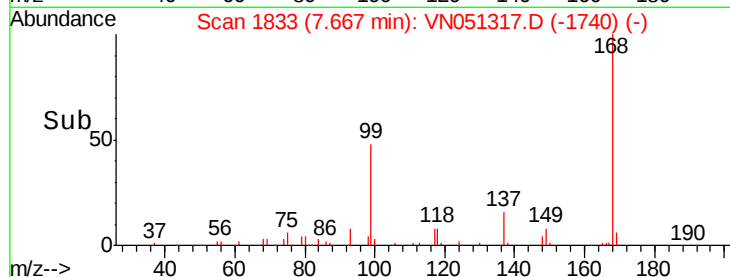
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.52 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051317.D

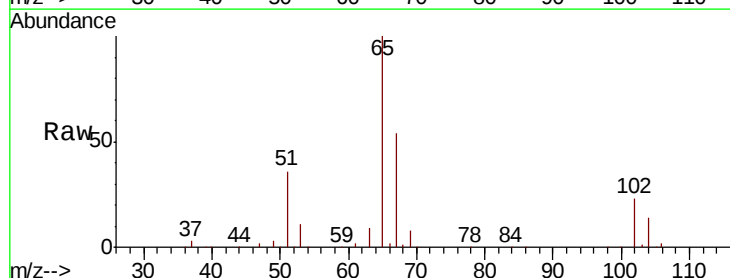
Acq: 19 Sep 2018 14:25

Tgt Ion: 65 Resp: 313025

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

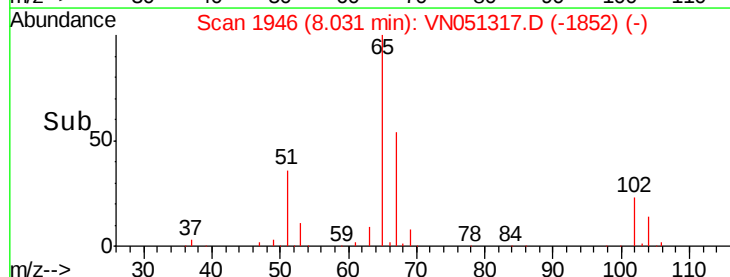
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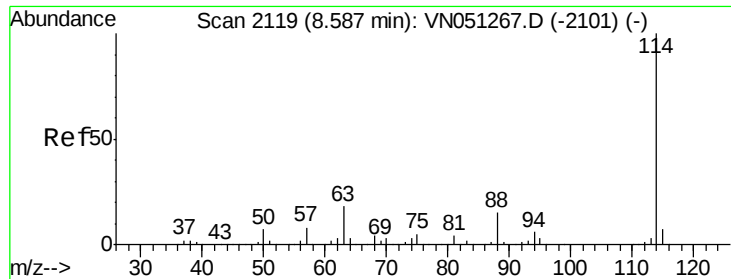
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50000

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Time-->

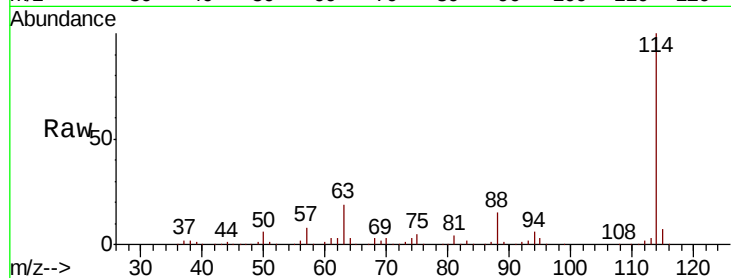




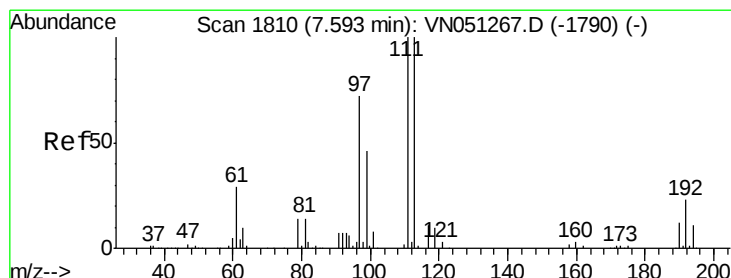
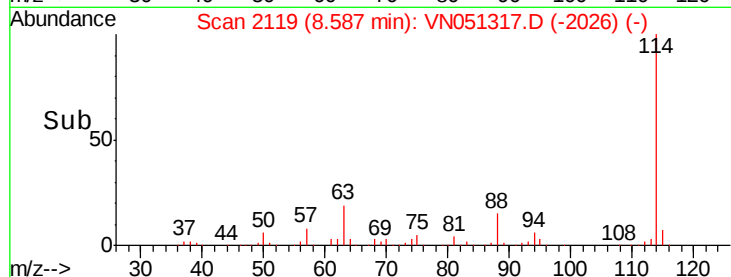
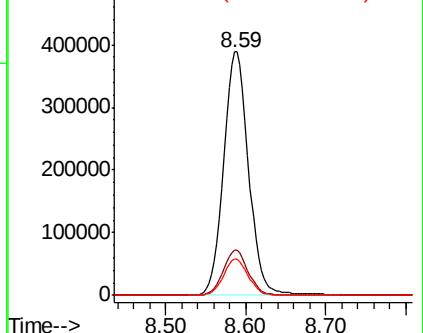
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051317.D
 Acq: 19 Sep 2018 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOILREF-6

Tot Ion:114 Resp: 834140
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 14.9 0.0 30.8

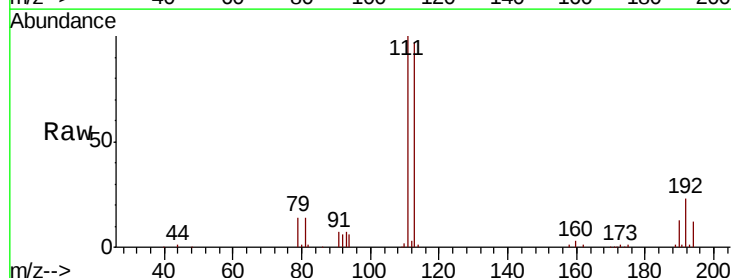


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

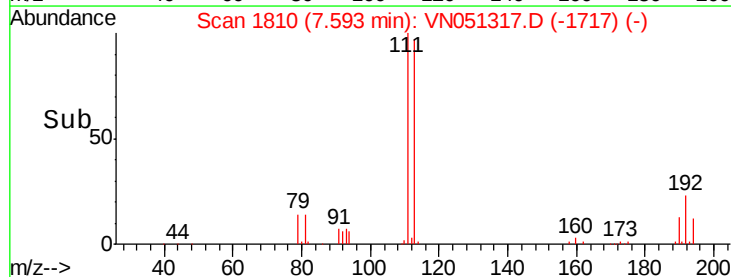
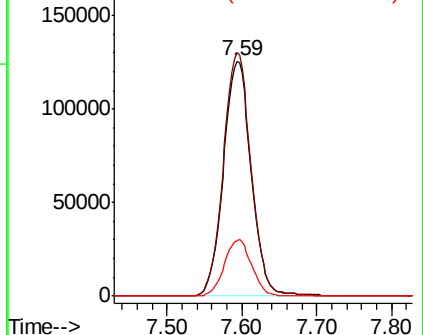


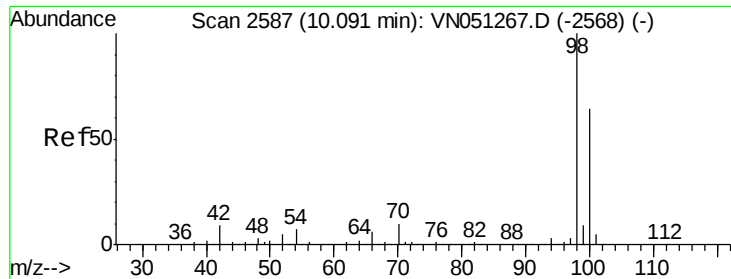
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051317.D
 Acq: 19 Sep 2018 14:25

Tgt Ion:113 Resp: 324094
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 23.8 19.0 28.6



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: 47.16 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051317.D

Acq: 19 Sep 2018 14:25

Instrument :

MSVOA_N

ClientSampleId :

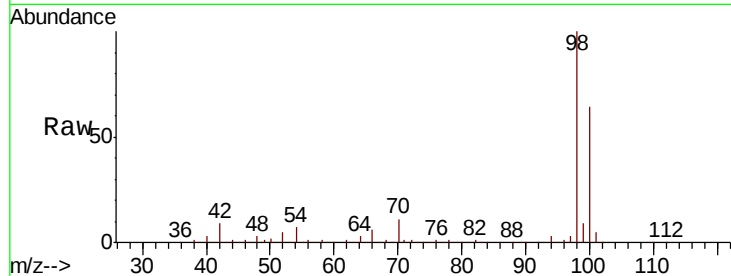
STORAGEBLANK-SOILREF-6

Tot Ion: 98 Resp: 1130048

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN051267.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051267.D (-2568) (-)

10.09

600000

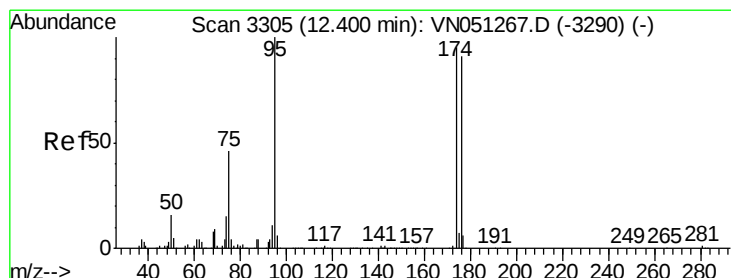
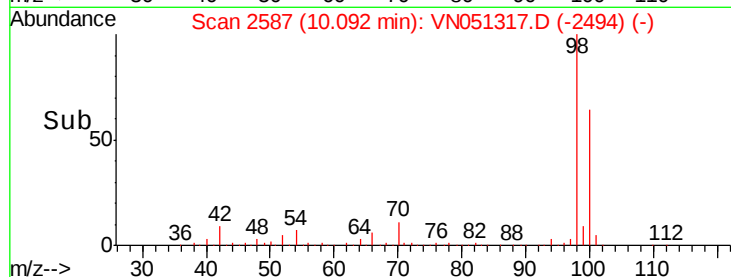
400000

200000

0

10.00 10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 36.51 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051317.D

Acq: 19 Sep 2018 14:25

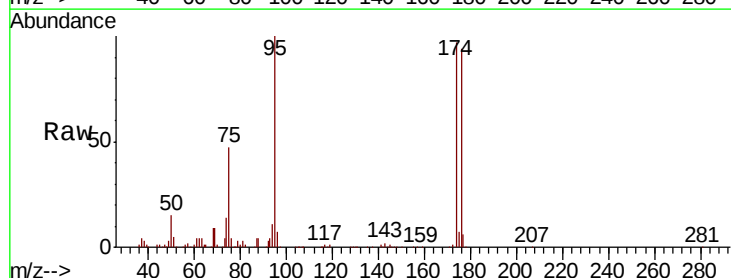
Tgt Ion: 95 Resp: 278200

Ion Ratio Lower Upper

95 100

174 97.0 0.0 189.6

176 92.7 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN051267.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051267.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051267.D (-3290) (-)

12.40

200000

150000

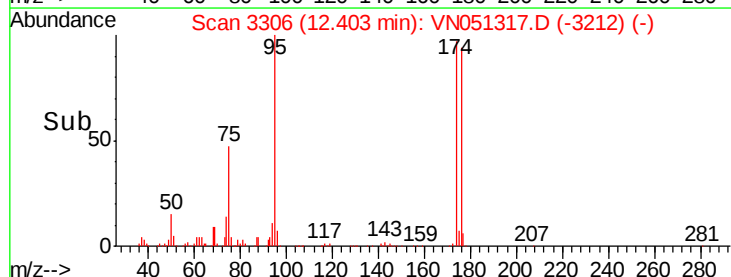
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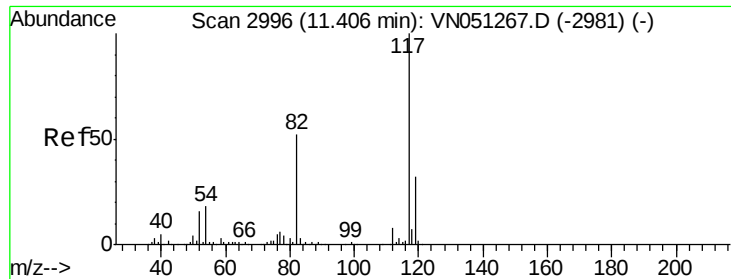
50000

0

12.30 12.40 12.50

Time-->

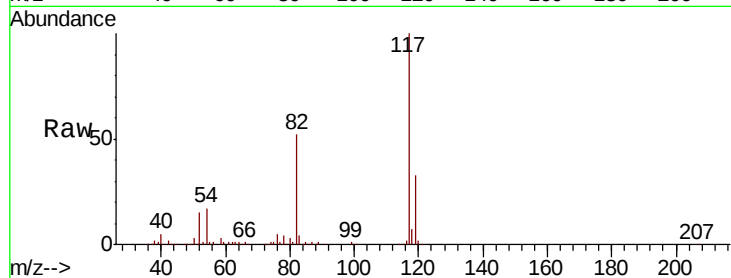




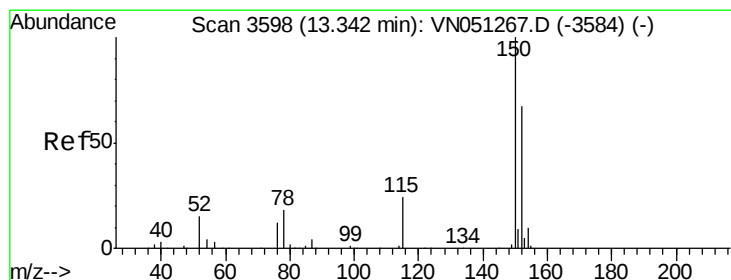
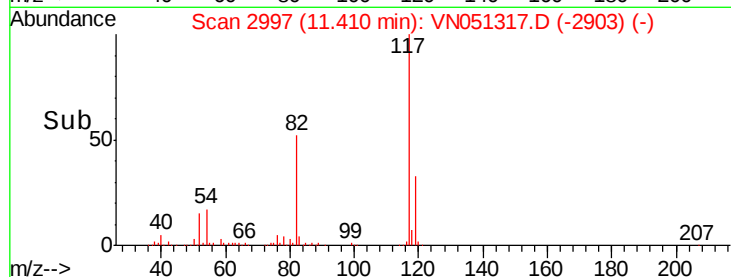
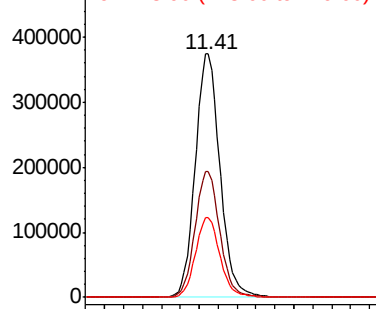
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051317.D
Acq: 19 Sep 2018 14:25

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SOILREF-6

Tot Ion:117 Resp: 678677
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 33.0 25.6 38.4

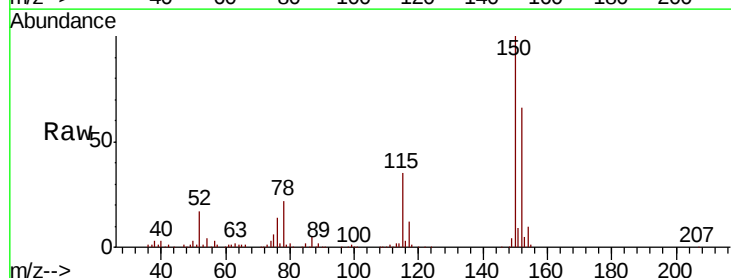


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051317.D
Acq: 19 Sep 2018 14:25

Tgt Ion:152 Resp: 199445
Ion Ratio Lower Upper
152 100
115 54.1 27.1 81.2
150 155.1 0.0 349.0



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

