

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041419\
 Data File : VN055024.D
 Acq On : 13 Apr 2019 12:49
 Operator : JC/SP
 Sample : K2383-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Apr 14 03:38:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	547015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	874536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	743933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	246678	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	350599	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
35) Dibromofluoromethane	7.59	113	278819	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
50) Toluene-d8	10.09	98	1047510	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.40	95	314498	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	

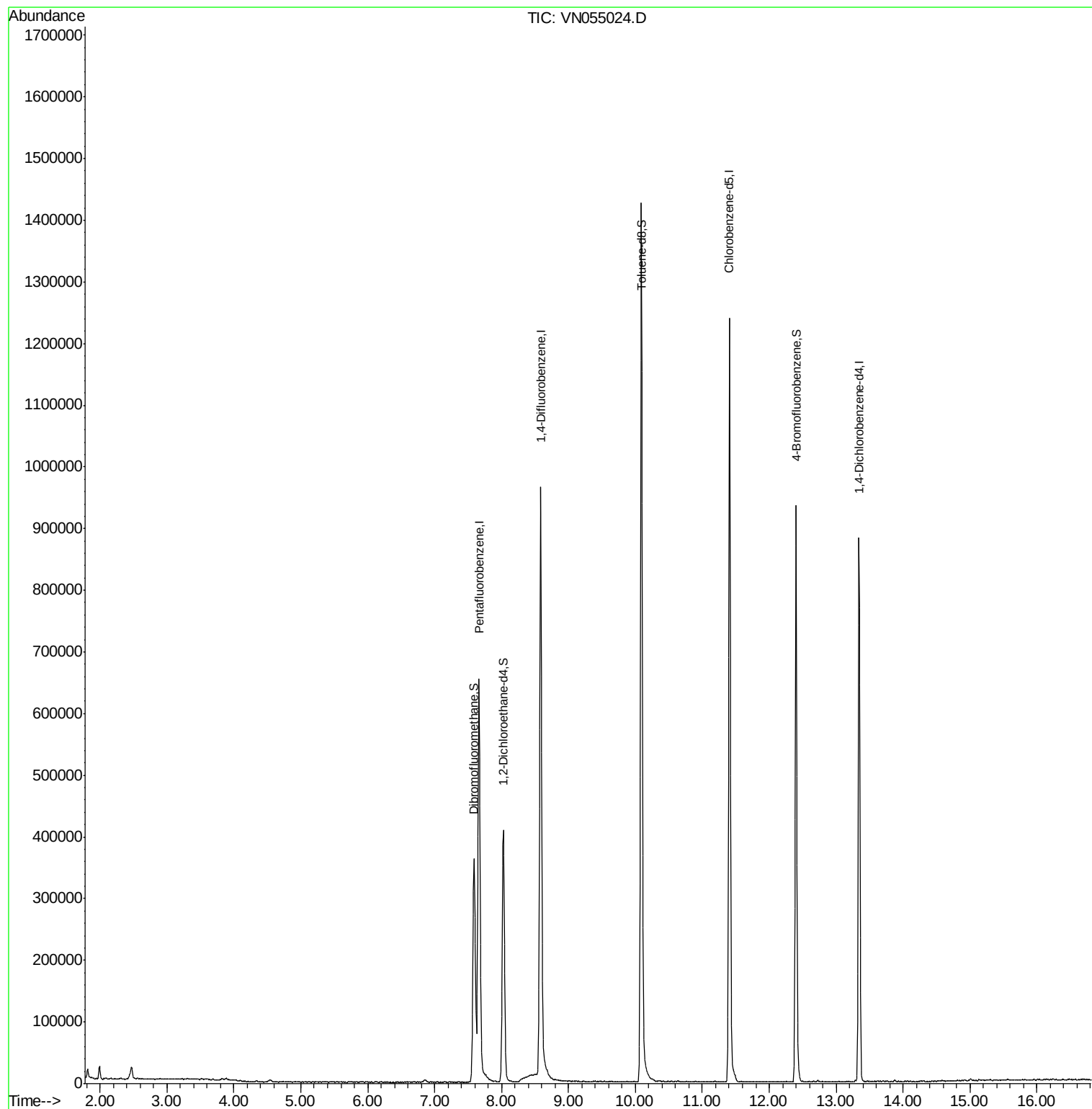
Target Compounds	Qvalue
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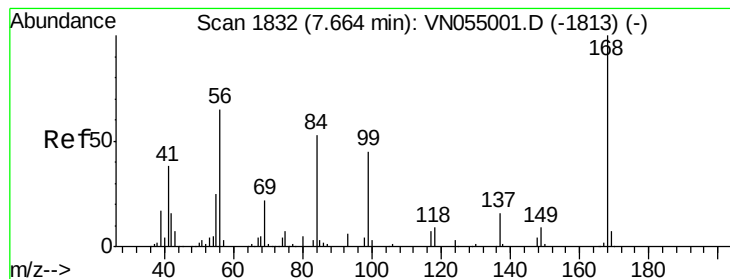
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 13 03:34:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055024.D

Acq: 13 Apr 2019 12:49

Instrument :

MSVOA_N

ClientSampleId :

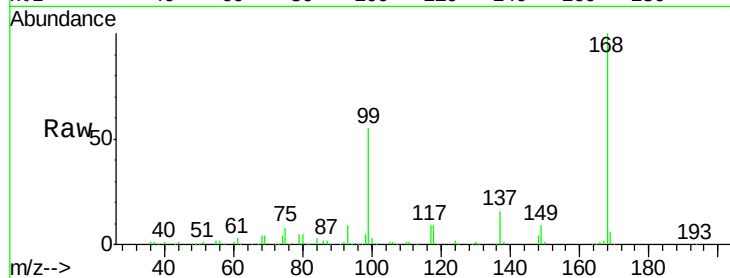
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 547015

Ion Ratio Lower Upper

168 100

99 55.1 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

250000

200000

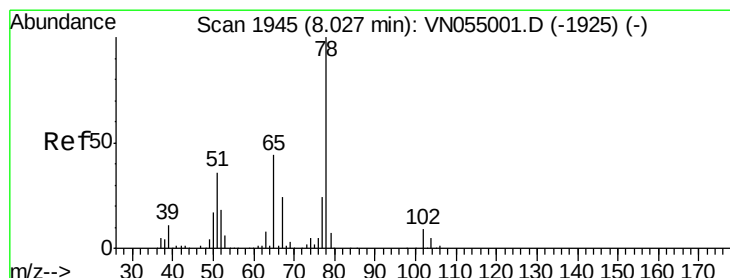
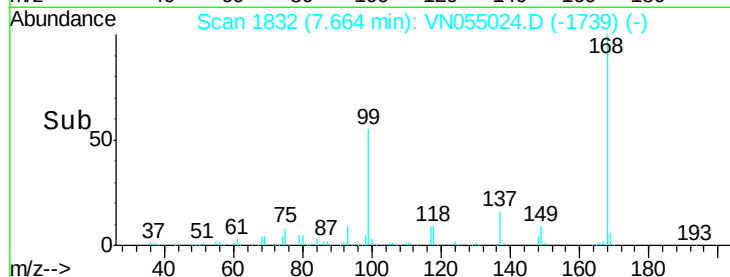
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.073 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055024.D

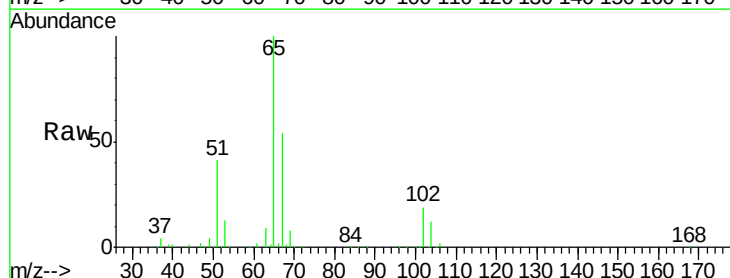
Acq: 13 Apr 2019 12:49

Tgt Ion: 65 Resp: 350599

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

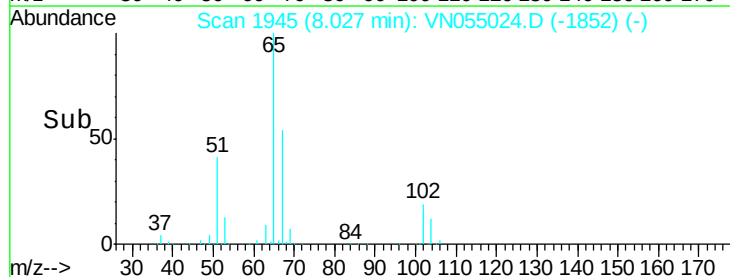
150000

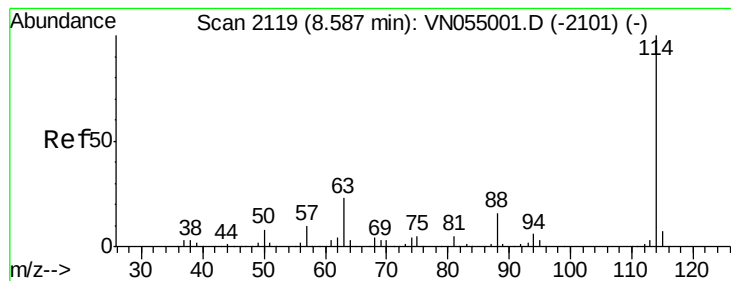
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN055024.D

Acq: 13 Apr 2019 12:49

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

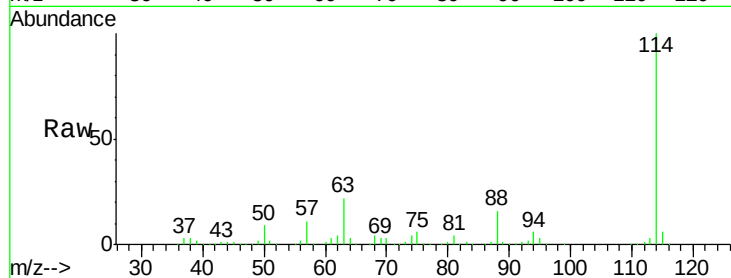
Tot Ion:114 Resp: 874536

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.2

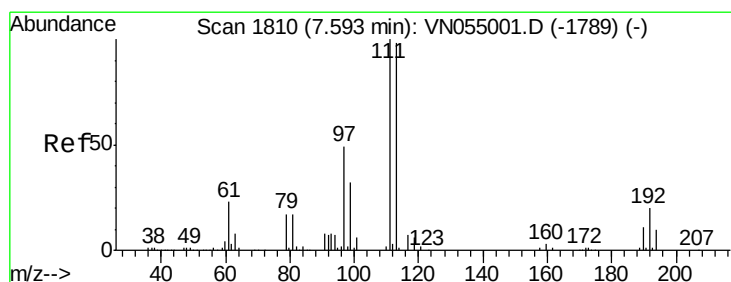
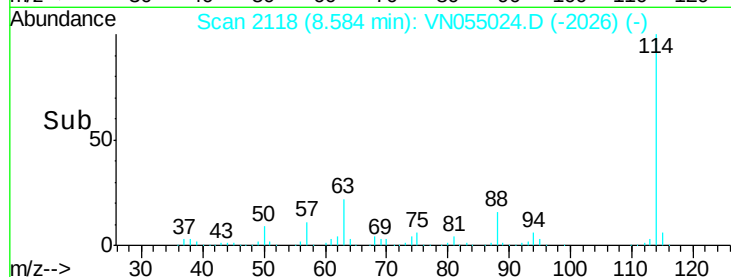
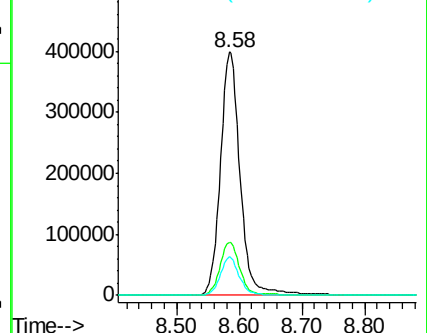
88 15.8 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.013 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055024.D

Acq: 13 Apr 2019 12:49

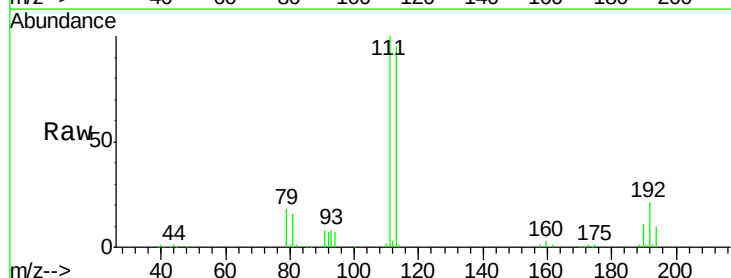
Tgt Ion:113 Resp: 278819

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

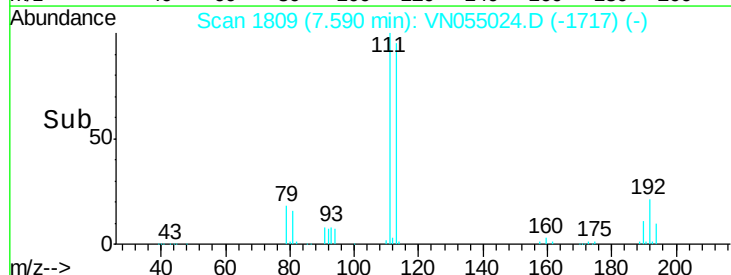
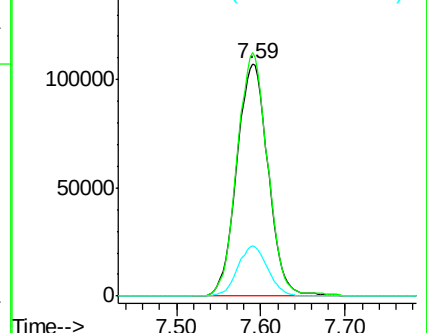
192 20.7 16.5 24.7

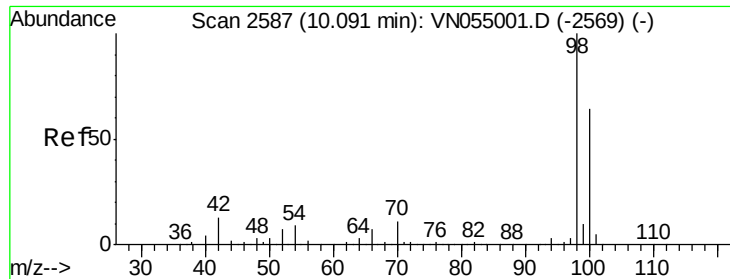


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.158 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055024.D

Acq: 13 Apr 2019 12:49

Instrument :

MSVOA_N

ClientSampleId :

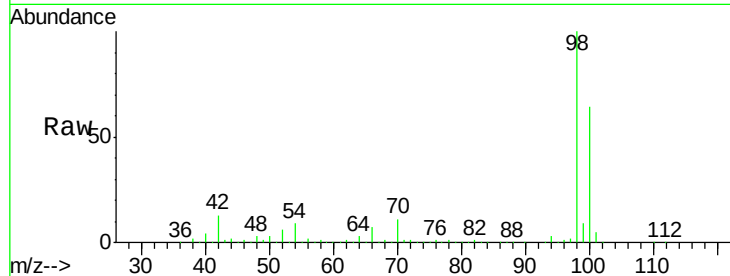
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 1047510

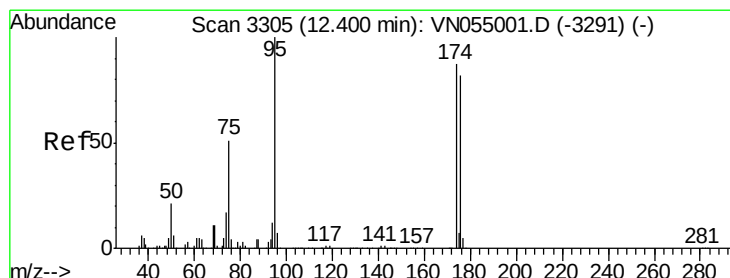
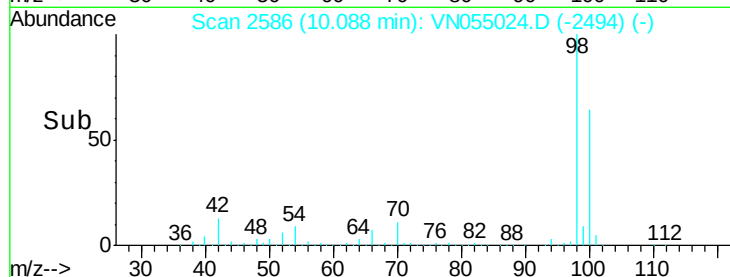
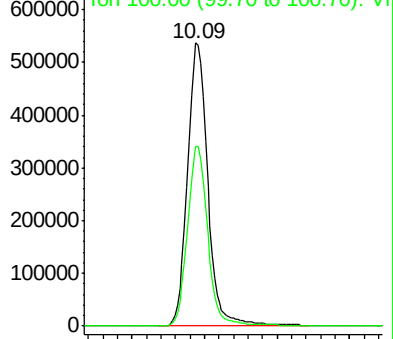
Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055001.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: 45.598 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055024.D

Acq: 13 Apr 2019 12:49

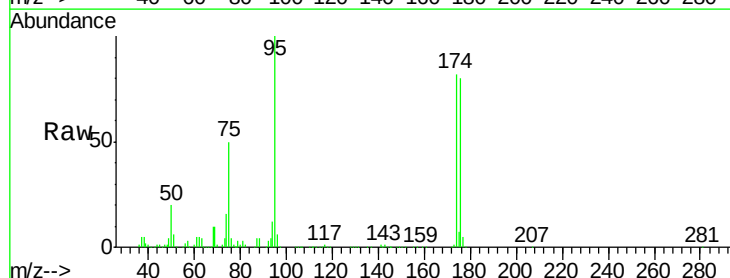
Tgt Ion: 95 Resp: 314498

Ion Ratio Lower Upper

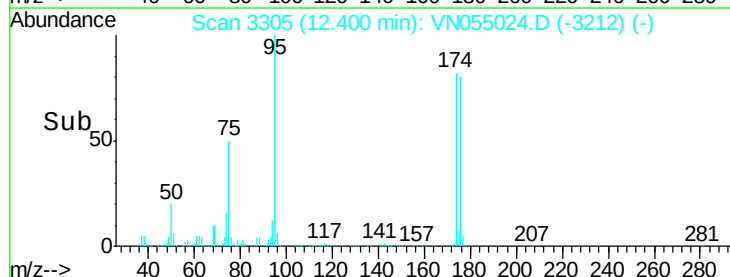
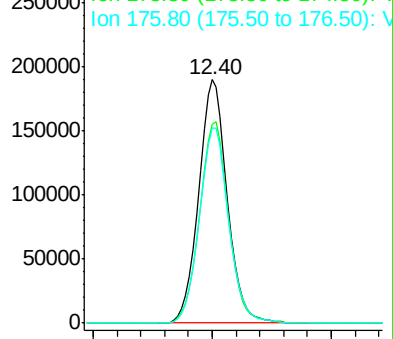
95 100

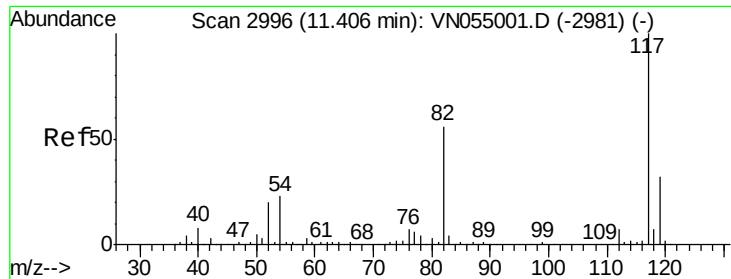
174 84.3 0.0 174.4

176 82.6 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055001.D (-3291) (-)

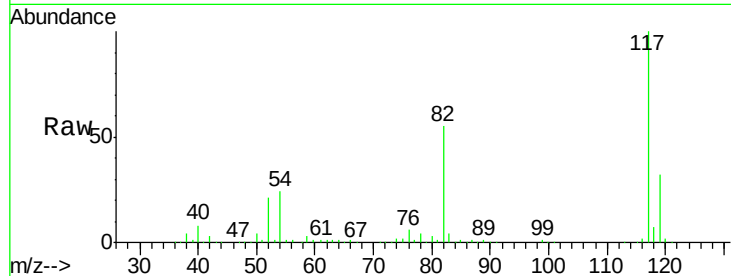




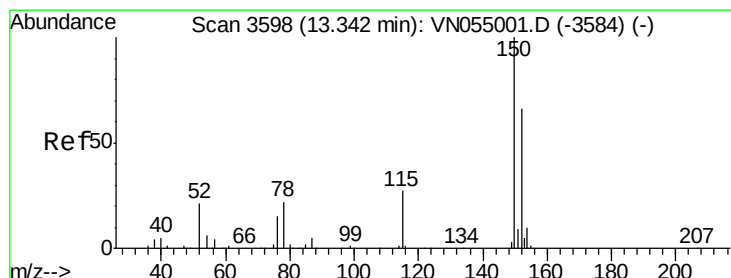
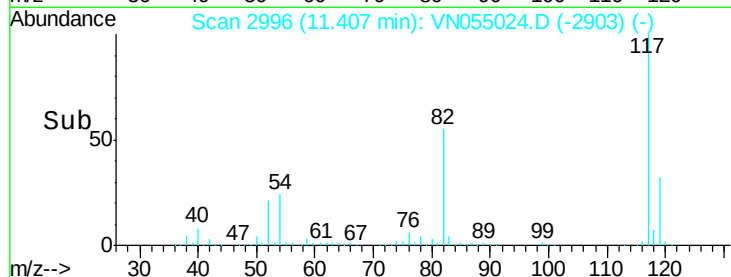
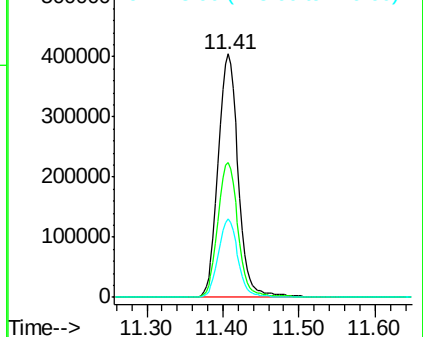
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055024.D
Acq: 13 Apr 2019 12:49

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tot Ion:117 Resp: 743933
Ion Ratio Lower Upper
117 100
82 55.3 44.6 66.8
119 32.0 25.5 38.3

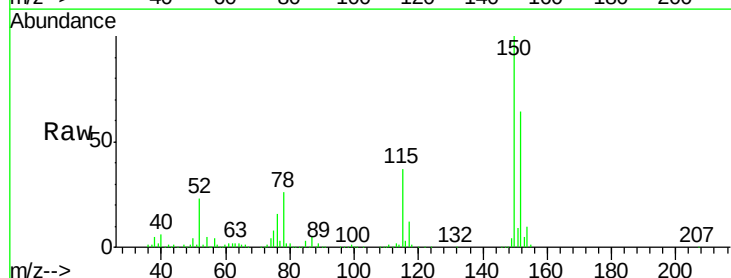


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055024.D
Acq: 13 Apr 2019 12:49

Tgt Ion:152 Resp: 246678
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.6
150 154.5 0.0 347.2



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

