

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055300.D
 Acq On : 30 Apr 2019 11:48
 Operator : JC/SP
 Sample : VN0430WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBL01

Quant Time: May 01 08:53:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	346738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	590868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	546951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	141551	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	242881	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
35) Dibromofluoromethane	7.59	113	196715	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.09	98	732567	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.40	95	223030	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	

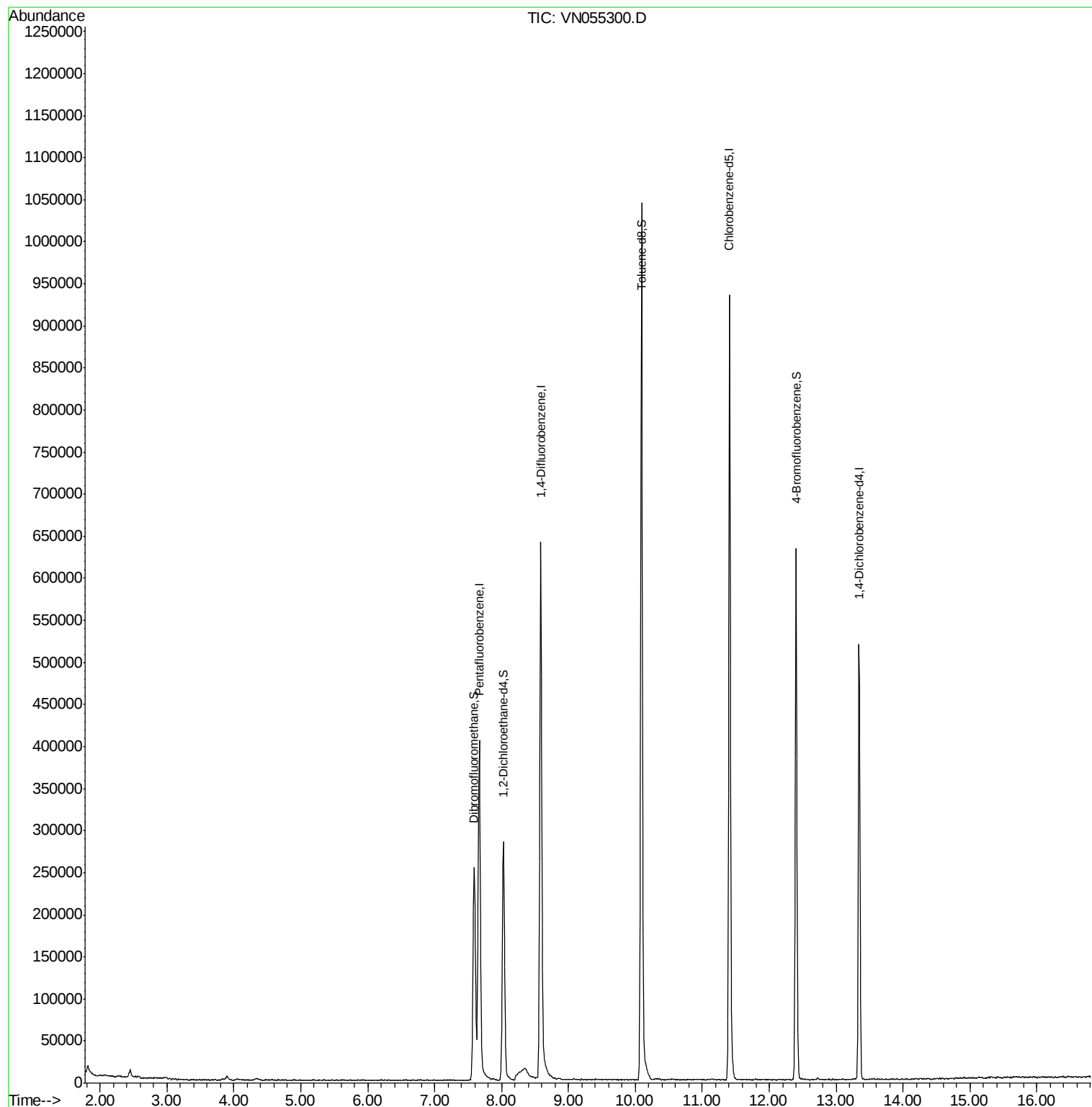
Target Compounds	Qvalue

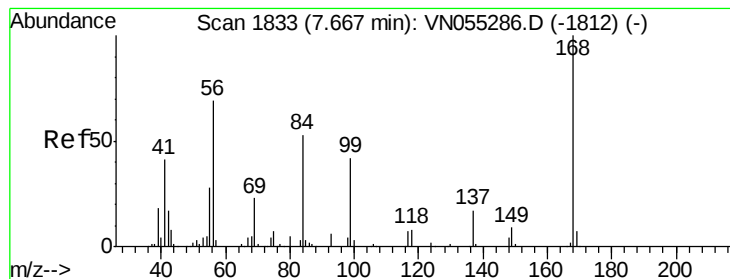
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055300.D

Acq: 30 Apr 2019 11:48

Instrument :

MSVOA_N

ClientSampleId :

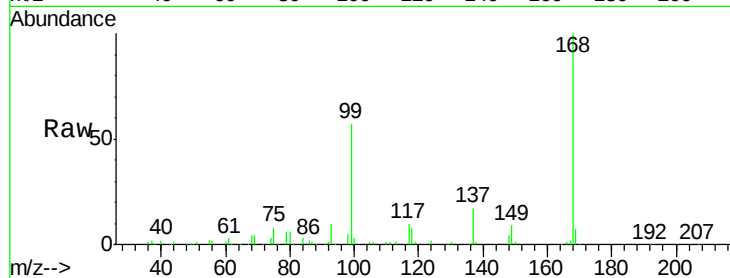
VN0430WBL01

Tot Ion:168 Resp: 346738

Ion Ratio Lower Upper

168 100

99 56.8 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055300.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055300.D (-1740) (-)

7.67

150000

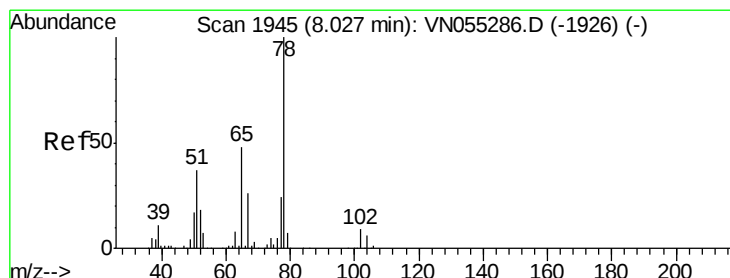
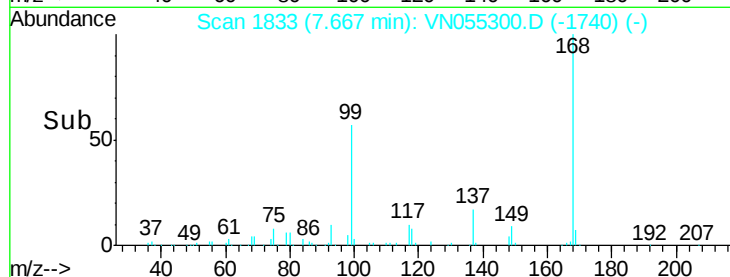
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.544 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055300.D

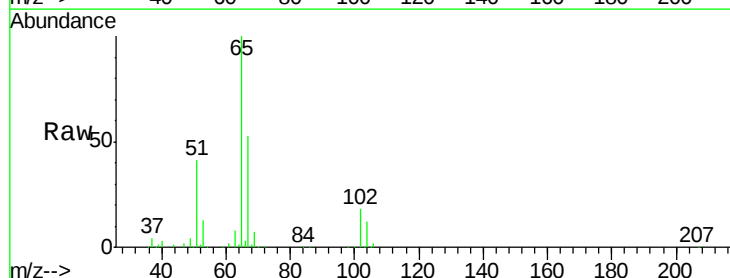
Acq: 30 Apr 2019 11:48

Tgt Ion: 65 Resp: 242881

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055300.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055300.D (-1852) (-)

8.03

120000

100000

80000

60000

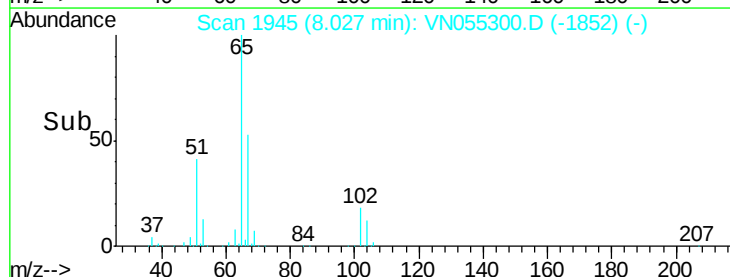
40000

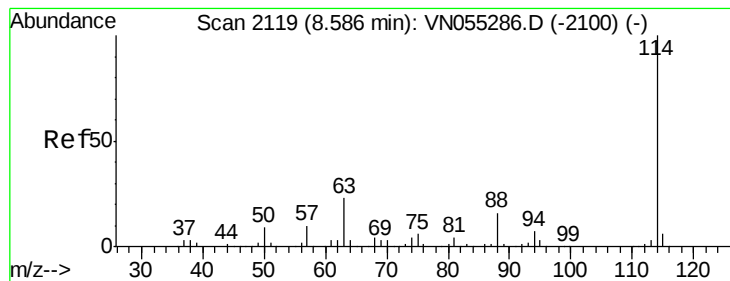
20000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055300.D

Acq: 30 Apr 2019 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBL01

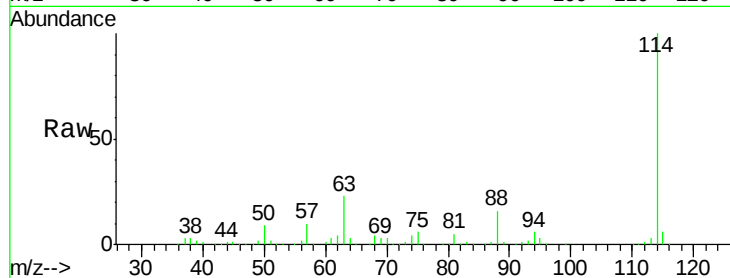
Tot Ion:114 Resp: 590868

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.2

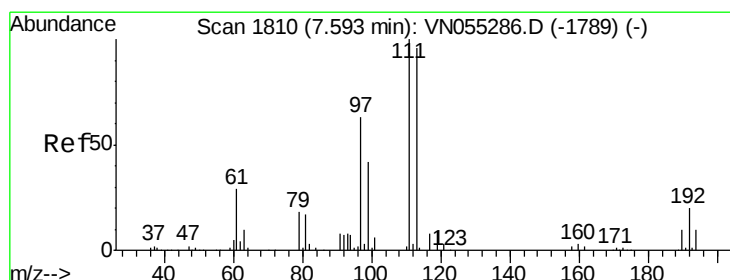
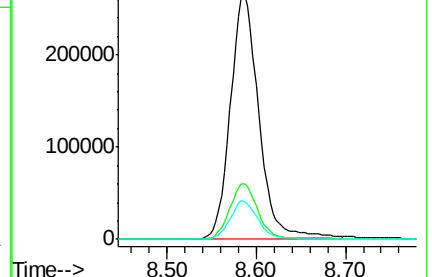
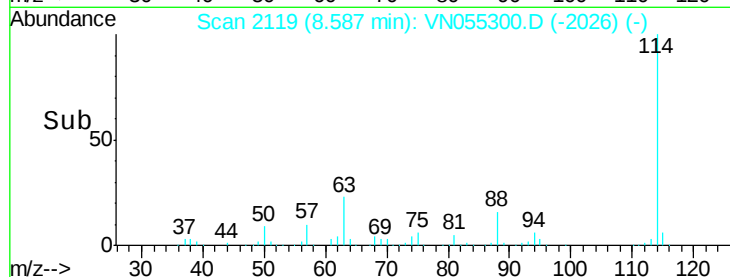
88 15.6 0.0 31.6



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: 50.723 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055300.D

Acq: 30 Apr 2019 11:48

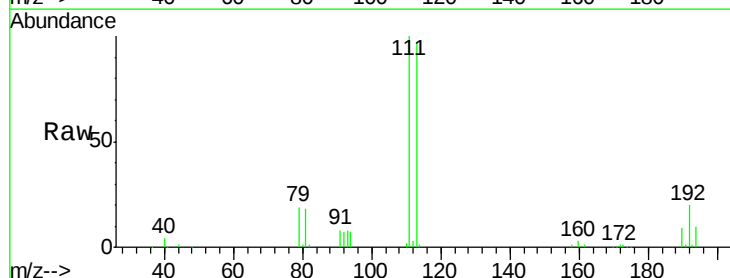
Tgt Ion:113 Resp: 196715

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

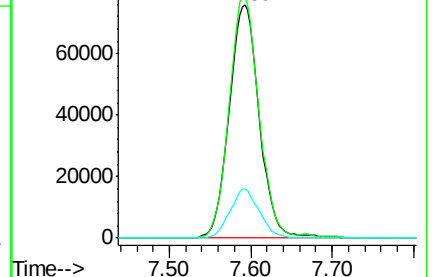
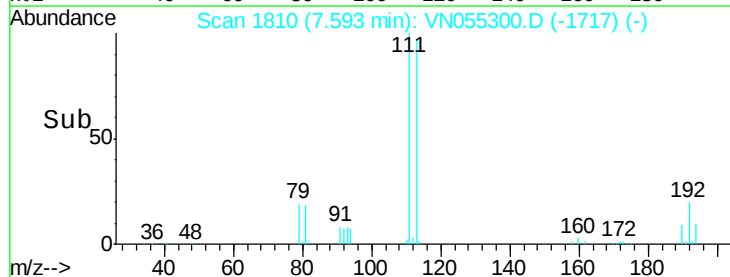
192 20.5 17.0 25.6

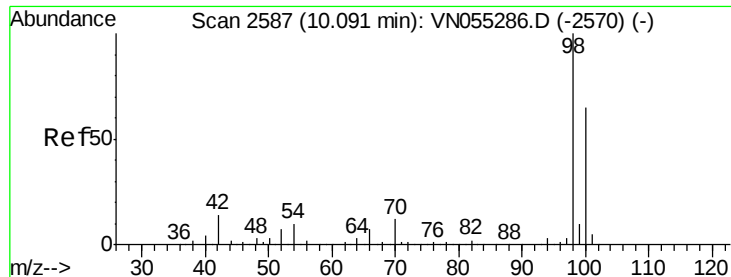


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.311 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055300.D

Acq: 30 Apr 2019 11:48

Instrument :

MSVOA_N

ClientSampleId :

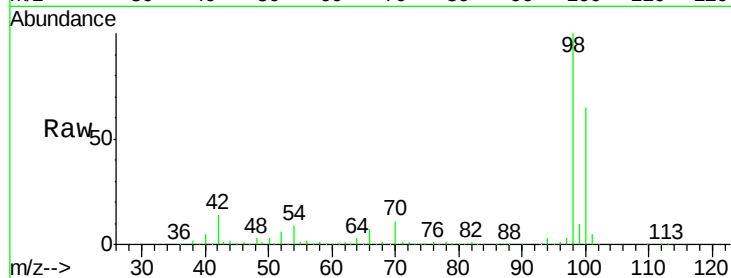
VN0430WBL01

Tot Ion: 98 Resp: 732567

Ion Ratio Lower Upper

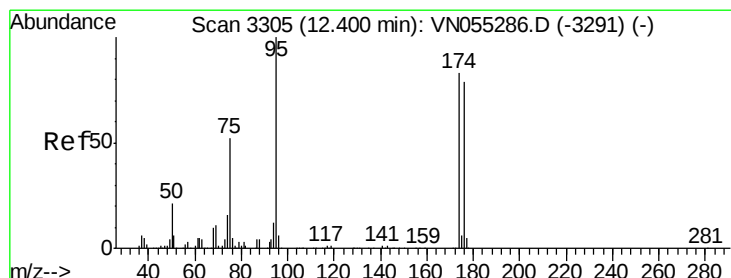
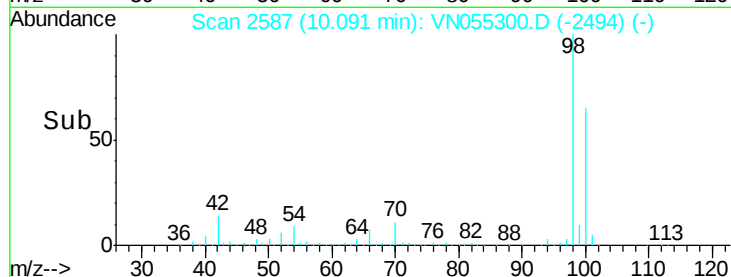
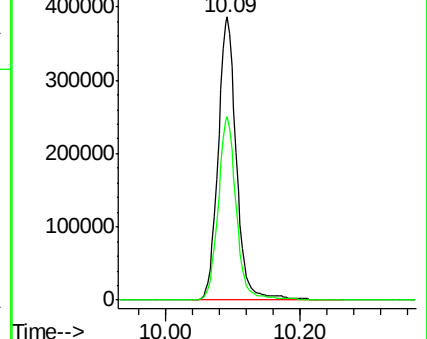
98 100

100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 50.958 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055300.D

Acq: 30 Apr 2019 11:48

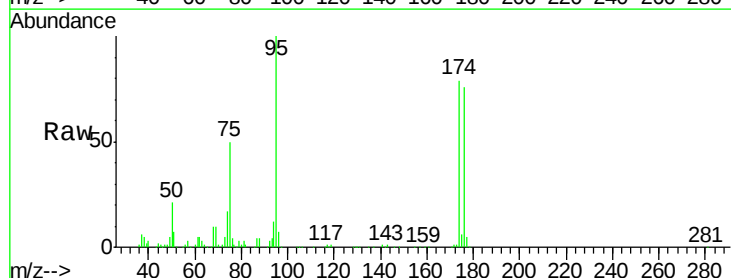
Tgt Ion: 95 Resp: 223030

Ion Ratio Lower Upper

95 100

174 82.6 0.0 166.6

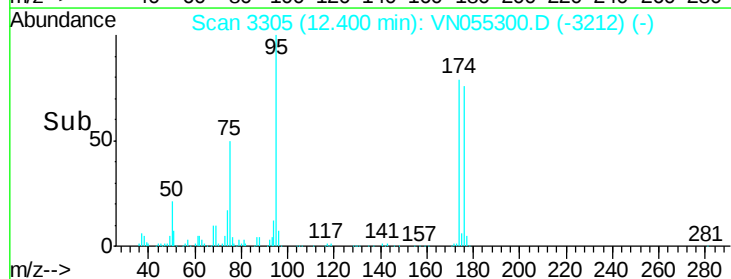
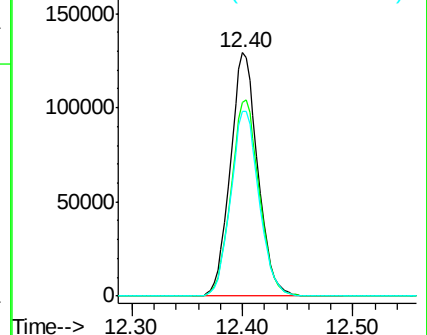
176 78.2 0.0 157.8

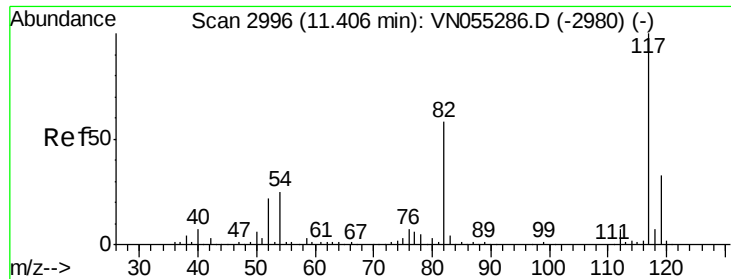


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

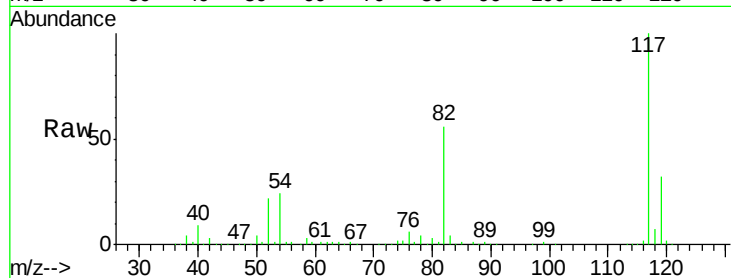




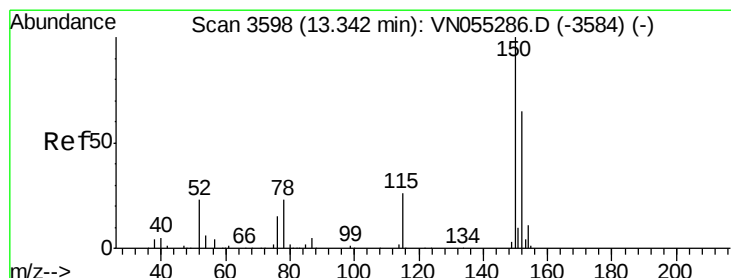
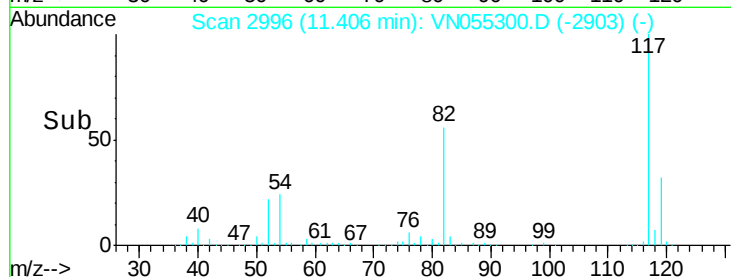
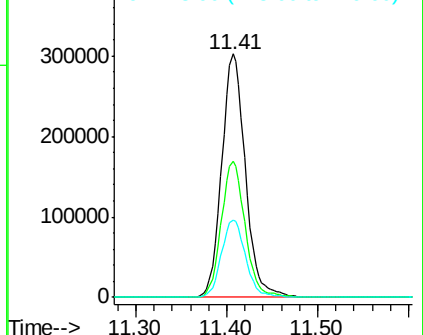
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055300.D
Acq: 30 Apr 2019 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBL01

Tot Ion:117 Resp: 546951
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 31.9 26.6 40.0

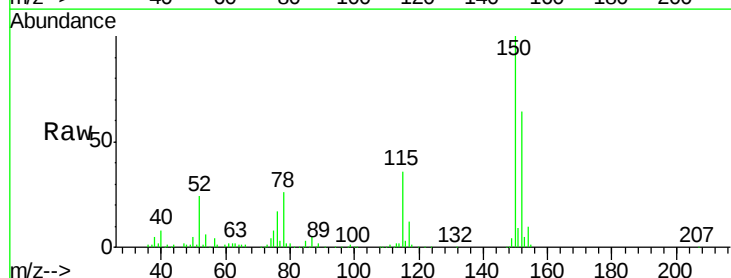


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055300.D
Acq: 30 Apr 2019 11:48

Tgt Ion:152 Resp: 141551
Ion Ratio Lower Upper
152 100
115 58.6 29.0 87.0
150 157.1 0.0 345.6



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

