

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050719\
 Data File : VN055451.D
 Acq On : 7 May 2019 21:48
 Operator : JC/SP
 Sample : VN0507MBL02
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507MBL02

Quant Time: May 08 07:40:35 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	455164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	715593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	582192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	164392	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	297388	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	7.59	113	228786	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.09	98	842554	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.40	95	245104	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	

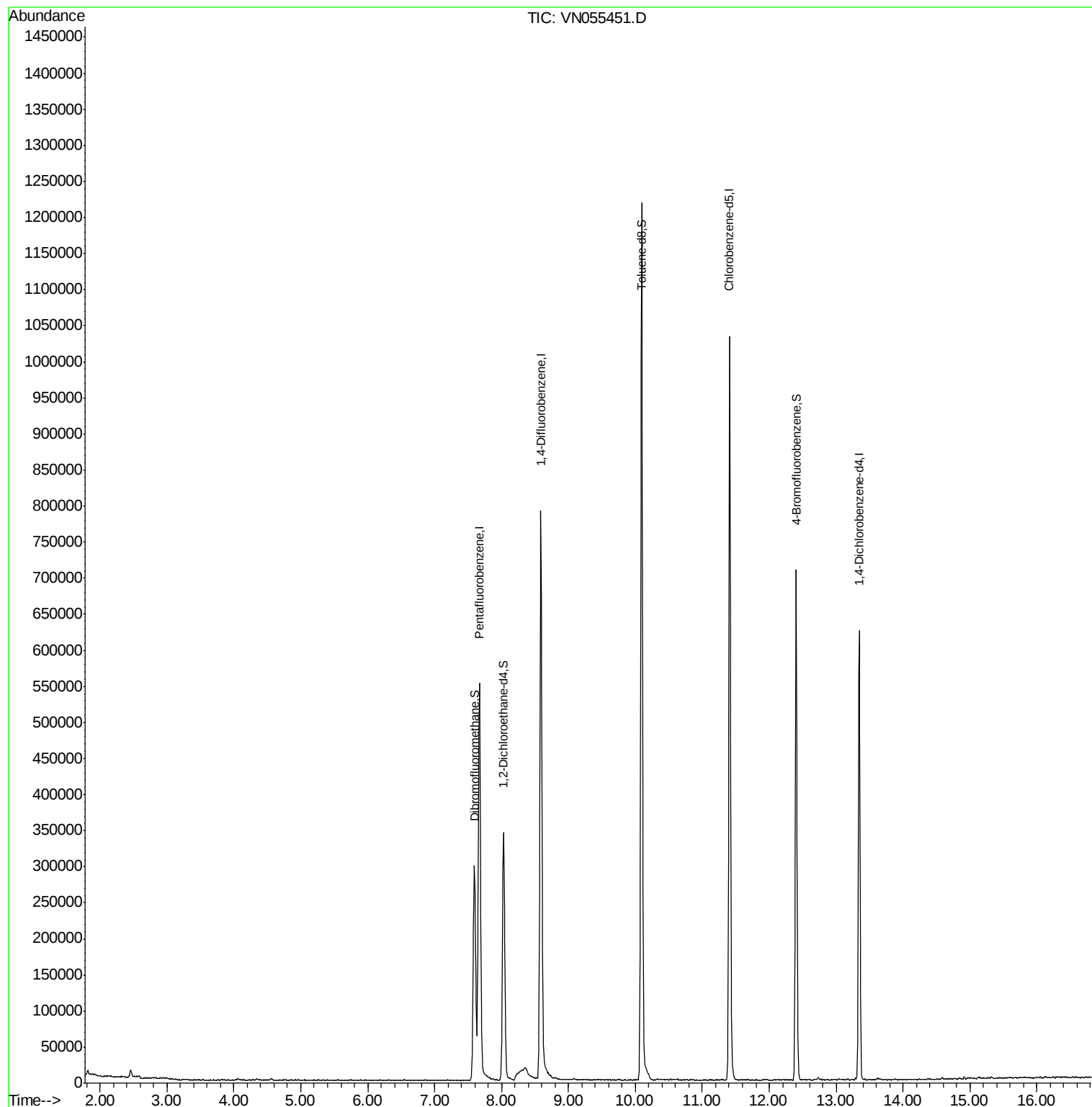
Target Compounds	Qvalue

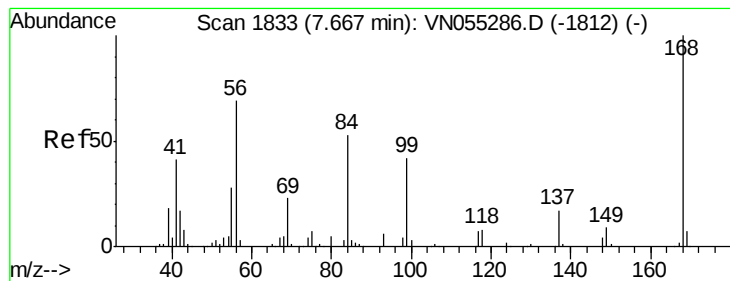
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055451.D

Acq: 7 May 2019 21:48

Instrument :

MSVOA_N

ClientSampleId :

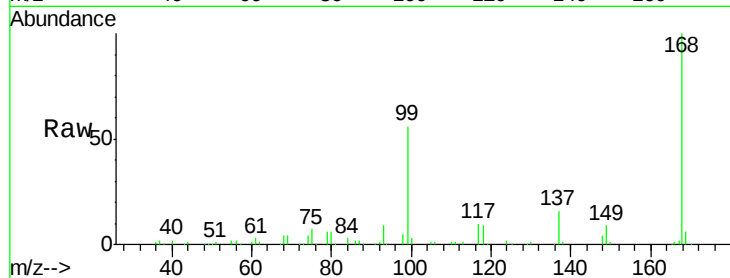
VN0507MBL02

Tot Ion:168 Resp: 455164

Ion Ratio Lower Upper

168 100

99 56.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

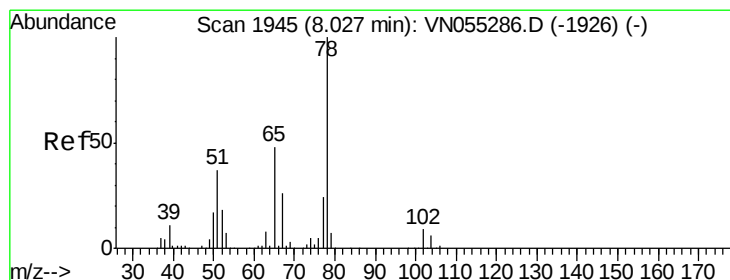
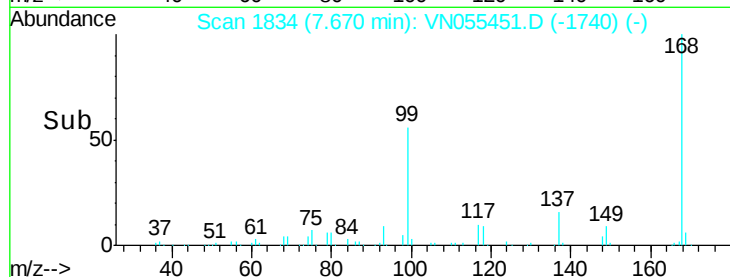
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.943 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055451.D

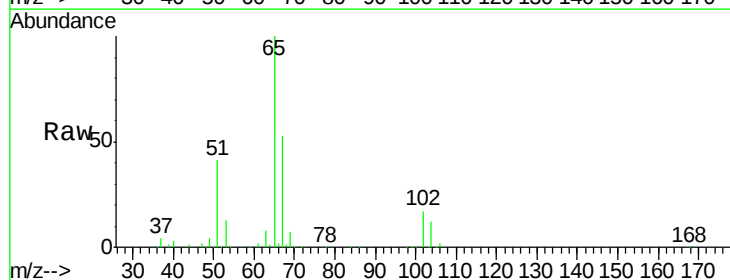
Acq: 7 May 2019 21:48

Tgt Ion: 65 Resp: 297388

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

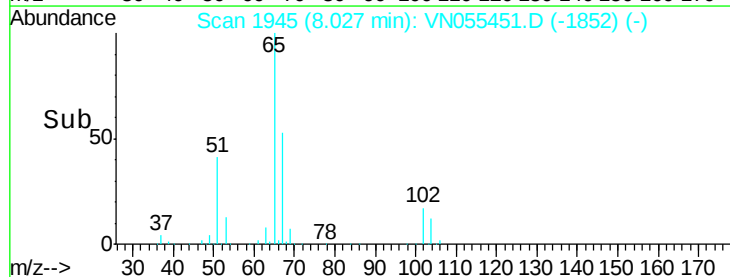
8.03

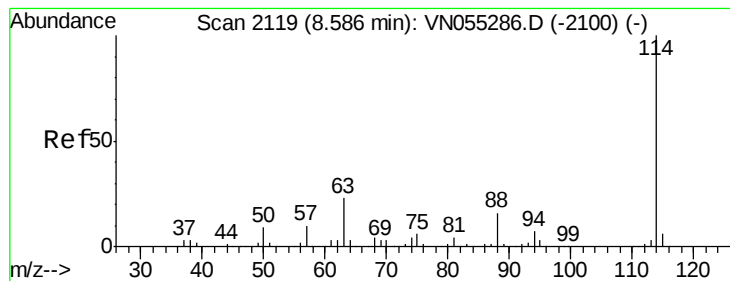
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN055451.D

Acq: 7 May 2019 21:48

Instrument :

MSVOA_N

ClientSampleId :

VN0507MBL02

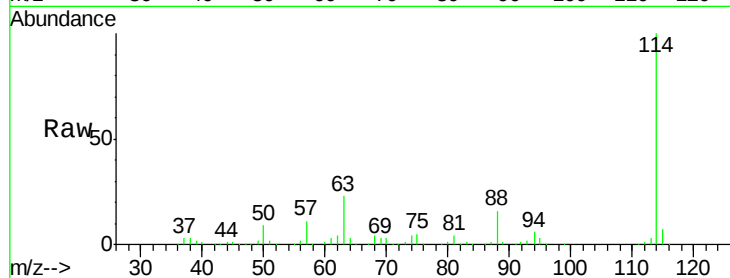
Tot Ion:114 Resp: 715593

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.2

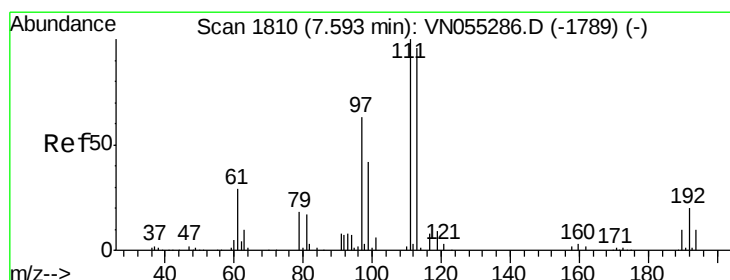
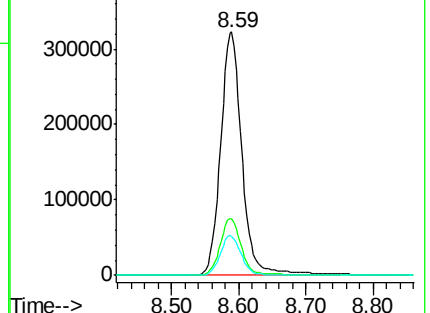
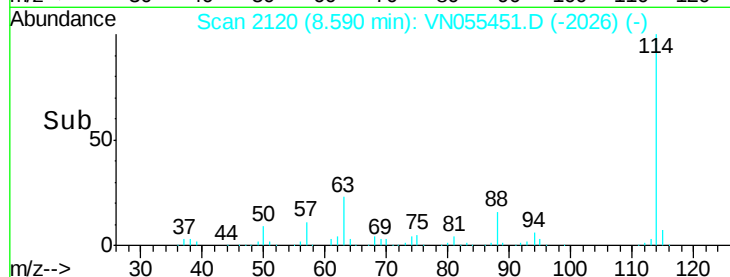
88 16.1 0.0 31.6



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: 48.710 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055451.D

Acq: 7 May 2019 21:48

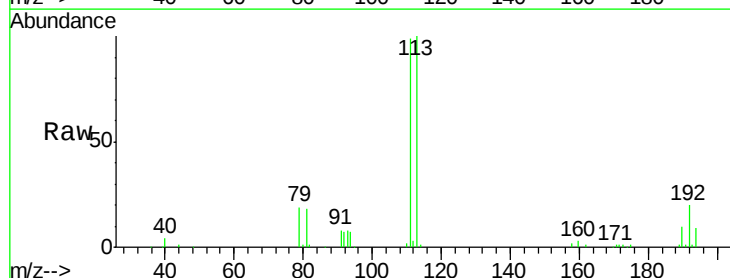
Tgt Ion:113 Resp: 228786

Ion Ratio Lower Upper

113 100

111 101.2 82.3 123.5

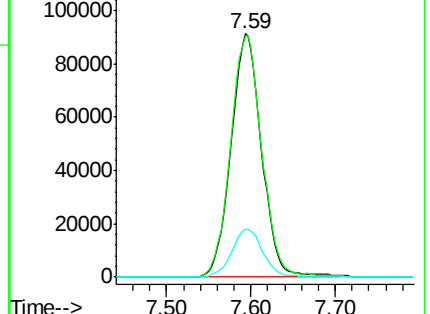
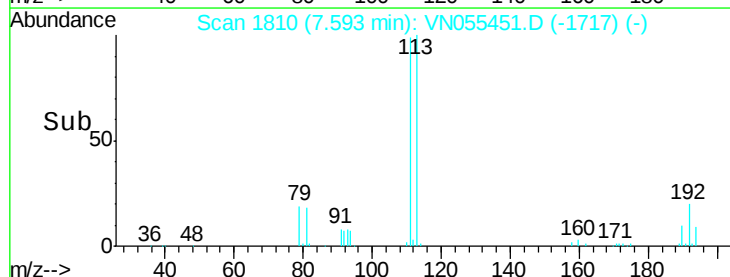
192 20.0 17.0 25.6

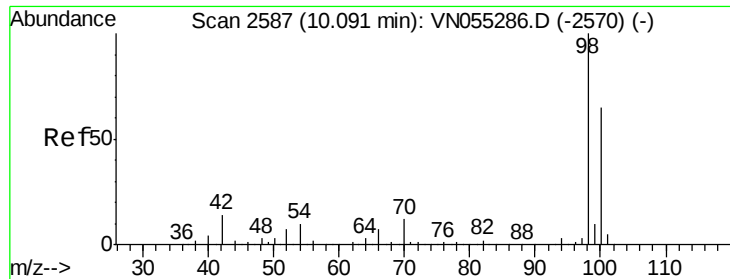


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.679 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055451.D

Acq: 7 May 2019 21:48

Instrument :

MSVOA_N

ClientSampled :

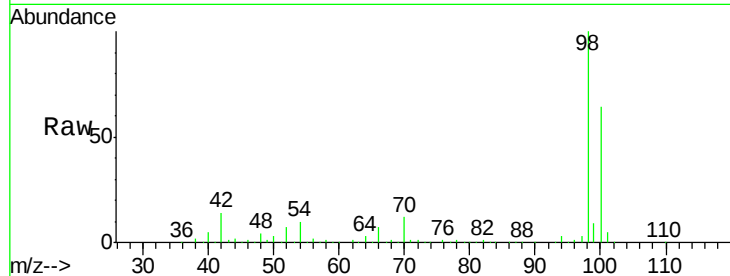
VN0507MBL02

Tot Ion: 98 Resp: 842554

Ion Ratio Lower Upper

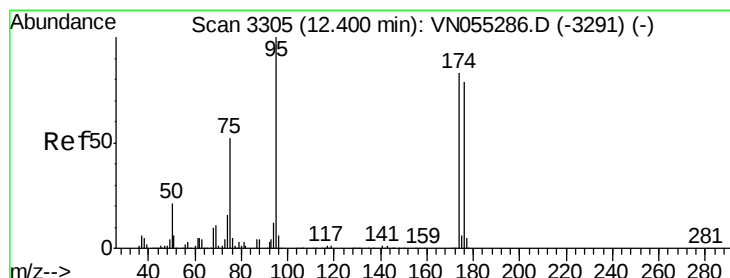
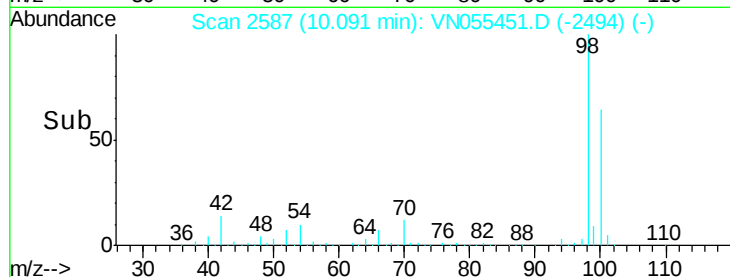
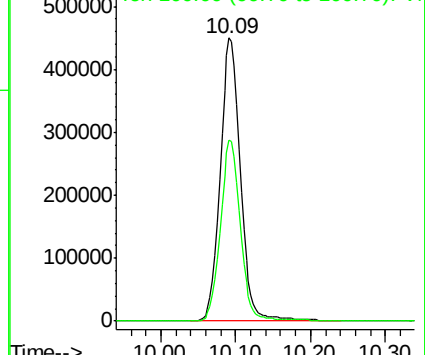
98 100

100 63.4 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: 46.241 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055451.D

Acq: 7 May 2019 21:48

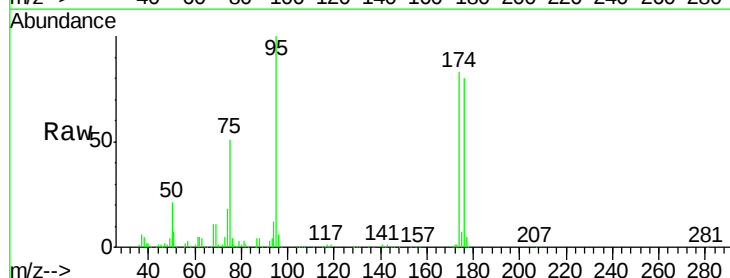
Tgt Ion: 95 Resp: 245104

Ion Ratio Lower Upper

95 100

174 83.1 0.0 166.6

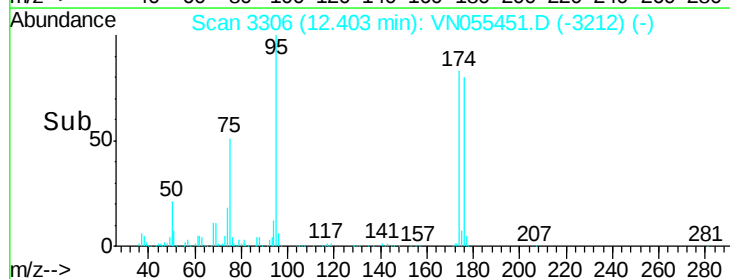
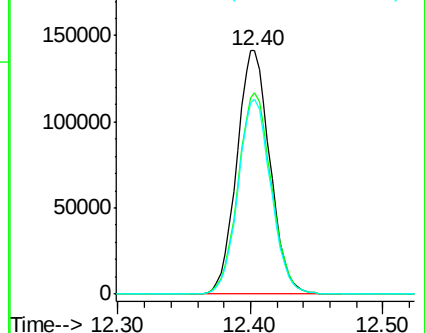
176 79.4 0.0 157.8

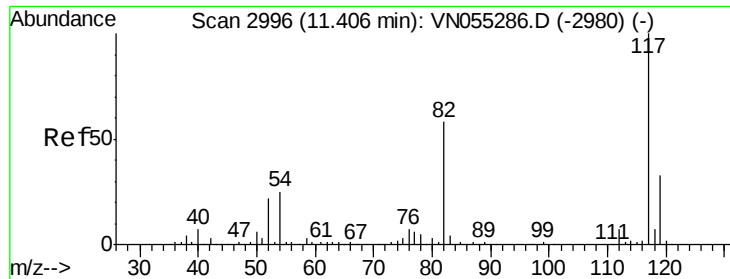


Abundance Ion 94.90 (94.60 to 95.60): VN0

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# 2997

Delta R.T. 0.00 min

Lab File: VN055451.D

Acq: 7 May 2019 21:48

Instrument :

MSVOA_N

ClientSampled :

VN0507MBL02

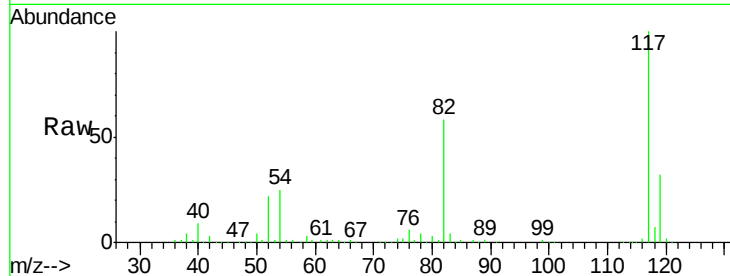
Tot Ion:117 Resp: 582192

Ion Ratio Lower Upper

117 100

82 57.8 46.2 69.4

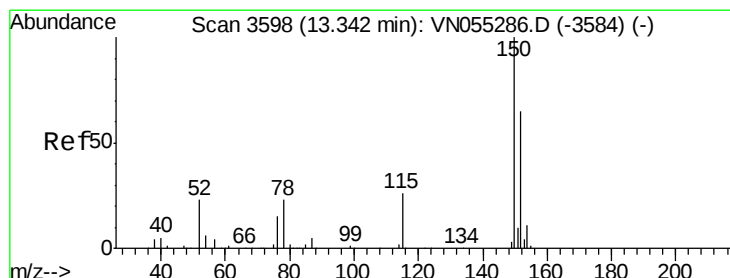
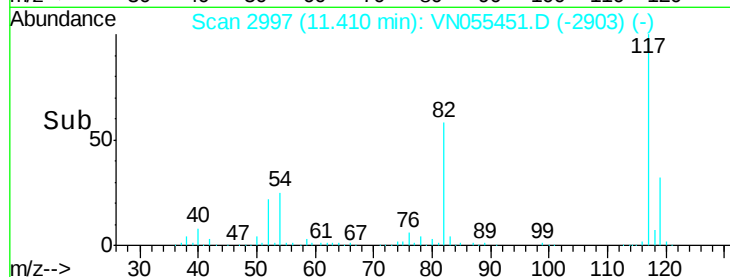
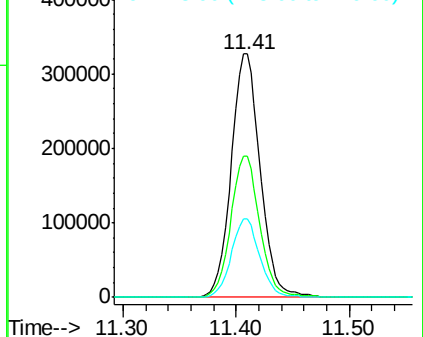
119 32.2 26.6 40.0



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: VN055451.D

Acq: 7 May 2019 21:48

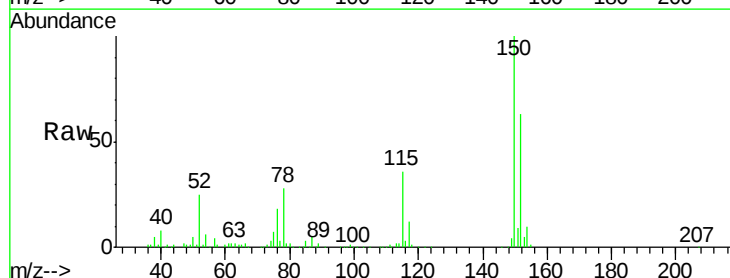
Tgt Ion:152 Resp: 164392

Ion Ratio Lower Upper

152 100

115 57.4 29.0 87.0

150 155.5 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

