

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050719\
 Data File : VN055454.D
 Acq On : 7 May 2019 23:03
 Operator : JC/SP
 Sample : K2717-02
 Misc : 5.24g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS001-0206-01

Quant Time: May 08 08:06:25 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	438890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	684476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	553976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	201084	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	286271	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	7.59	113	214851	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	10.09	98	797593	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.40	95	250058	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

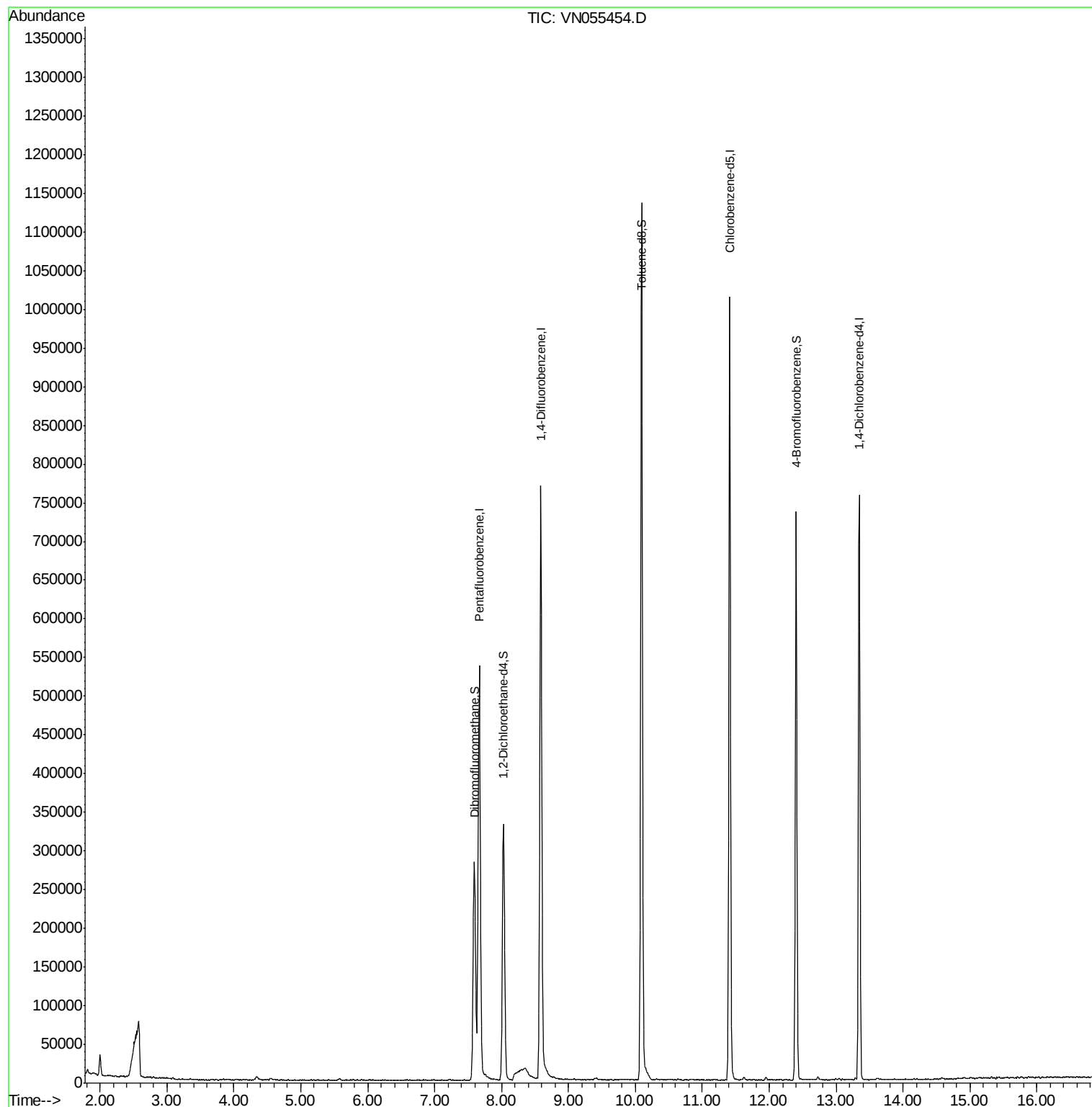
Target Compounds	Qvalue

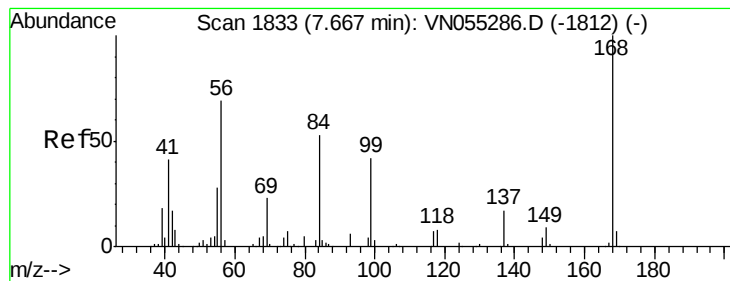
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055454.D

Acq: 7 May 2019 23:03

Instrument :

MSVOA_N

ClientSampleId :

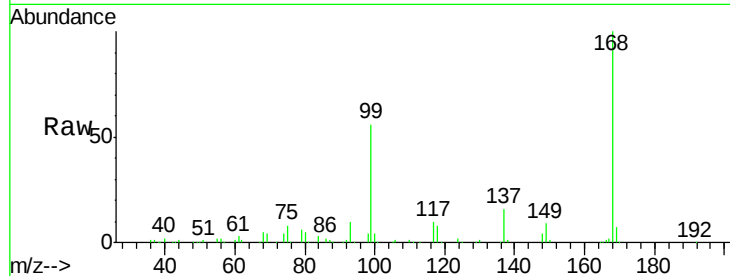
P026-SS001-0206-01

Tot Ion:168 Resp: 438890

Ion Ratio Lower Upper

168 100

99 56.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

150000

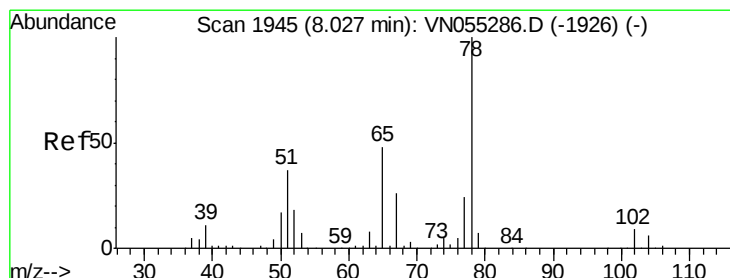
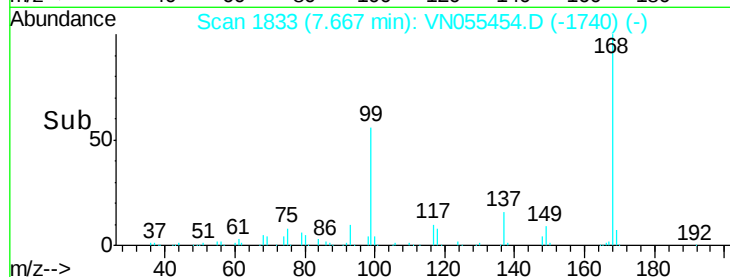
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.858 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055454.D

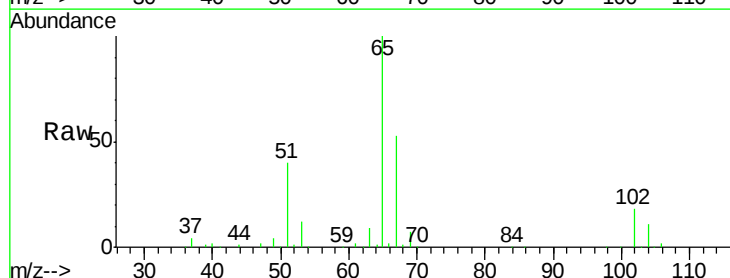
Acq: 7 May 2019 23:03

Tgt Ion: 65 Resp: 286271

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

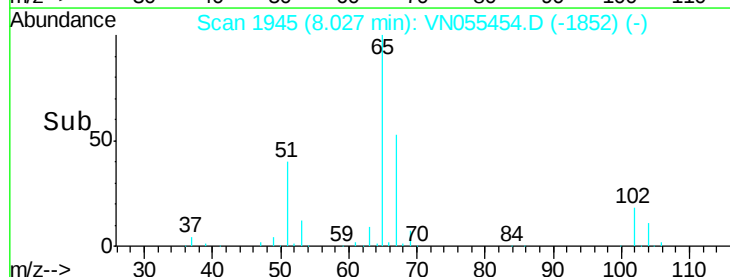
100000

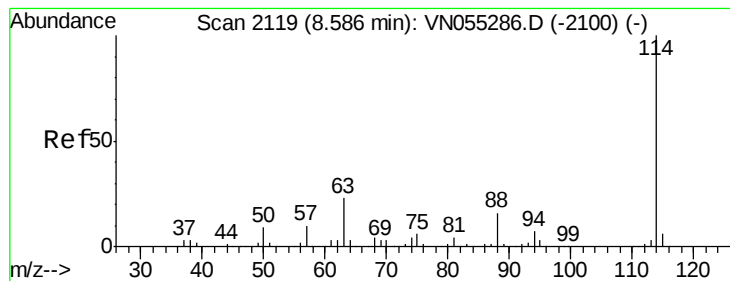
50000

0

7.90 8.00 8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055454.D

Acq: 7 May 2019 23:03

Instrument :

MSVOA_N

ClientSampleId :

P026-SS001-0206-01

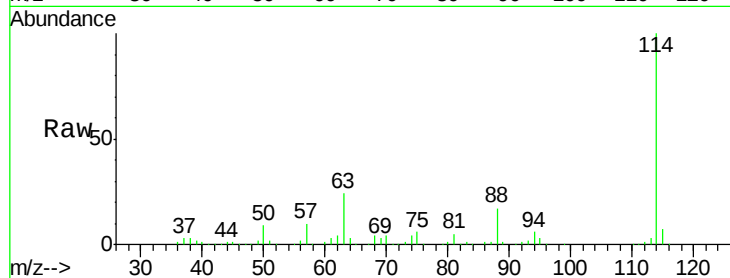
Tot Ion:114 Resp: 684476

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.2

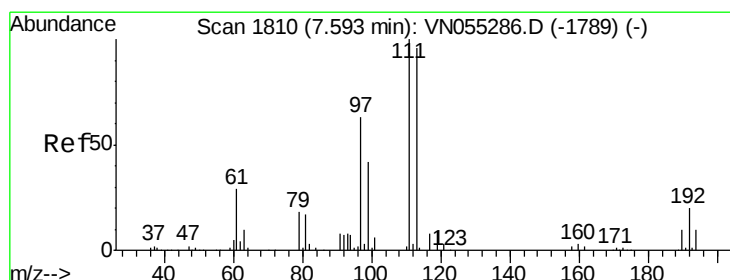
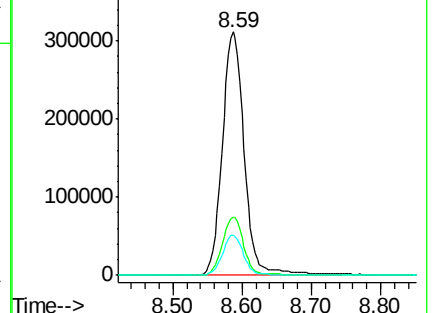
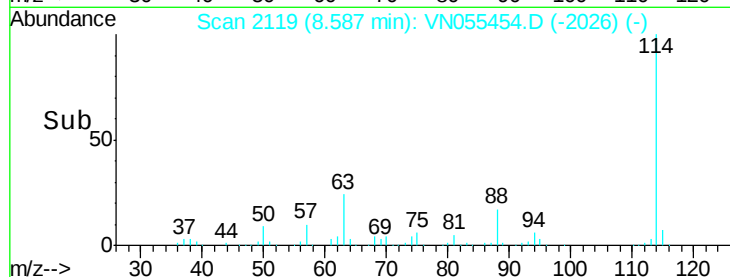
88 16.7 0.0 31.6



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: 47.823 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055454.D

Acq: 7 May 2019 23:03

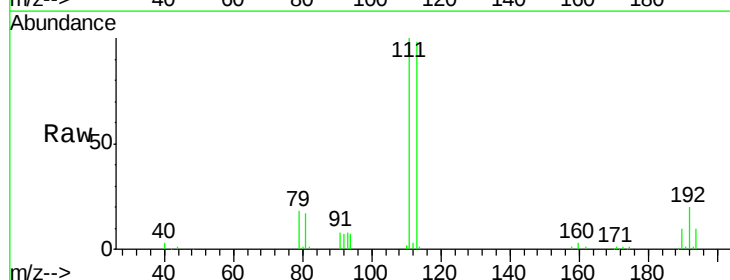
Tgt Ion:113 Resp: 214851

Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

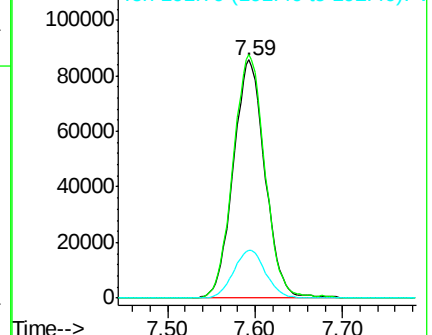
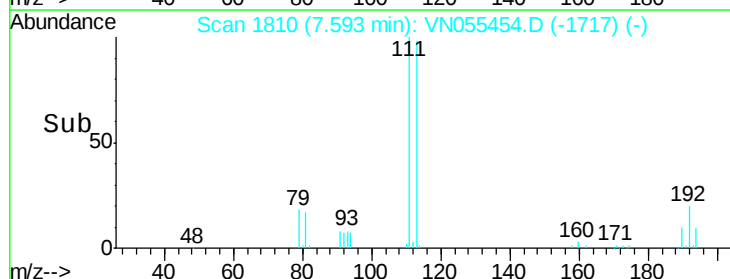
192 20.4 17.0 25.6

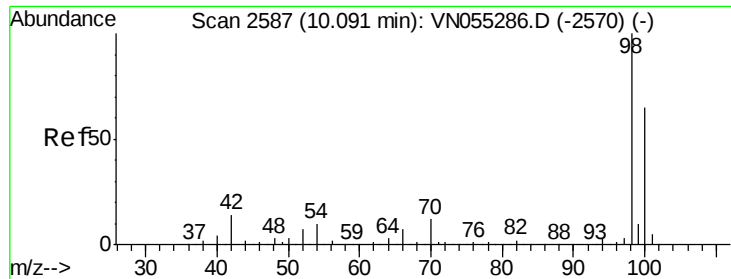


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.166 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055454.D

Acq: 7 May 2019 23:03

Instrument :

MSVOA_N

ClientSampleId :

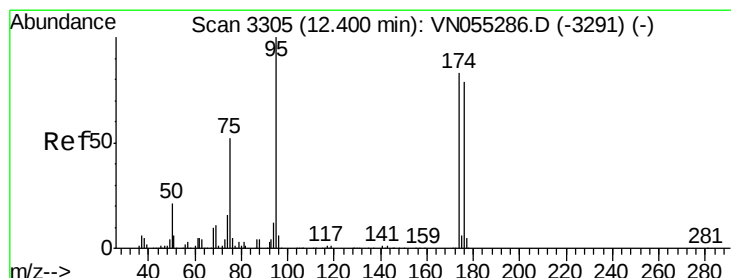
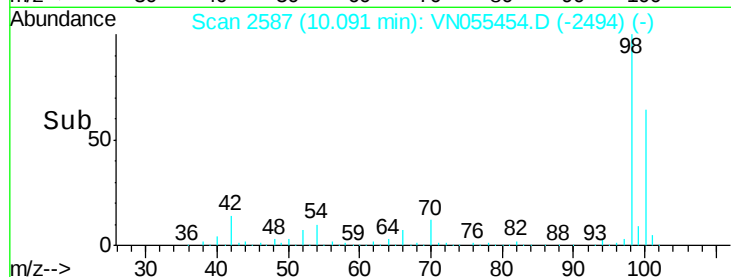
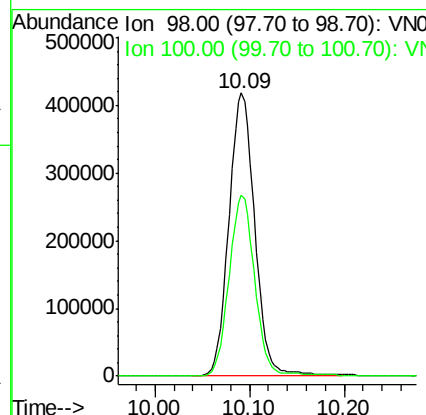
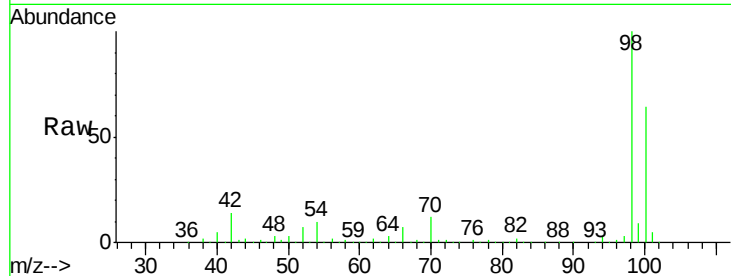
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Tot Ion: 98 Resp: 797593

Ion Ratio Lower Upper

98 100

100 63.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 49.320 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055454.D

Acq: 7 May 2019 23:03

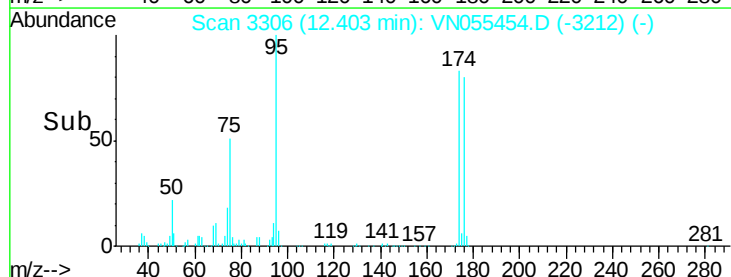
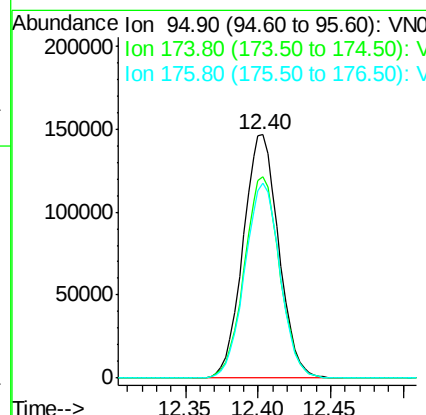
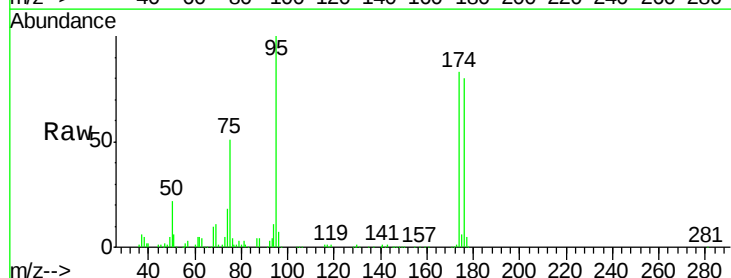
Tgt Ion: 95 Resp: 250058

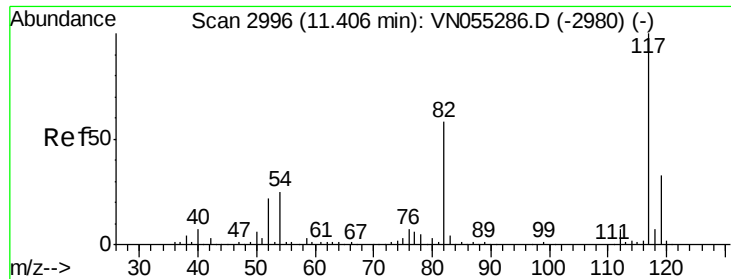
Ion Ratio Lower Upper

95 100

174 82.0 0.0 166.6

176 79.4 0.0 157.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055454.D

Acq: 7 May 2019 23:03

Instrument :

MSVOA_N

ClientSampleId :

P026-SS001-0206-01

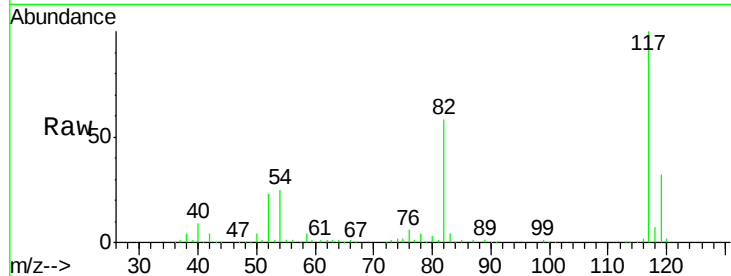
Tot Ion:117 Resp: 553976

Ion Ratio Lower Upper

117 100

82 57.8 46.2 69.4

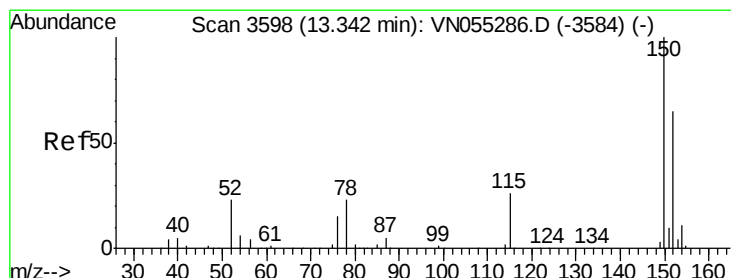
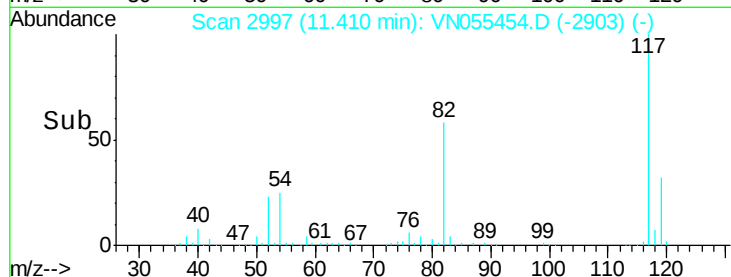
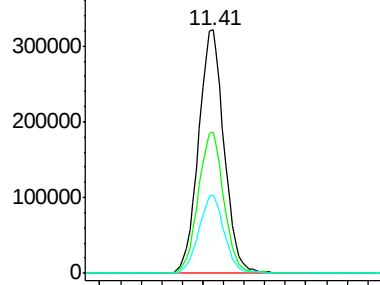
119 32.1 26.6 40.0



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: VN055454.D

Acq: 7 May 2019 23:03

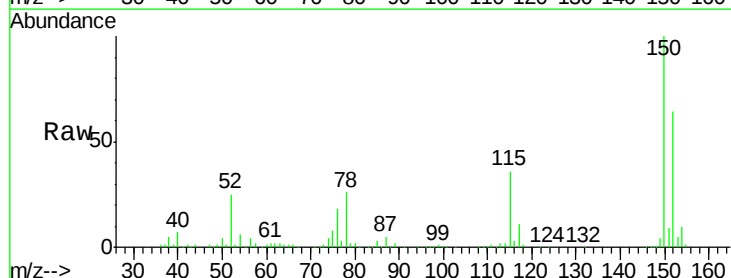
Tgt Ion:152 Resp: 201084

Ion Ratio Lower Upper

152 100

115 57.5 29.0 87.0

150 155.2 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

