

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055472.D
 Acq On : 8 May 2019 6:36
 Operator : JC/SP
 Sample : K2717-09
 Misc : 4.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1218-01

Quant Time: May 08 08:45:00 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	444892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	698535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	566944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182604	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	297407	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
35) Dibromofluoromethane	7.59	113	217749	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	
50) Toluene-d8	10.09	98	831993	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.40	95	241506	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	

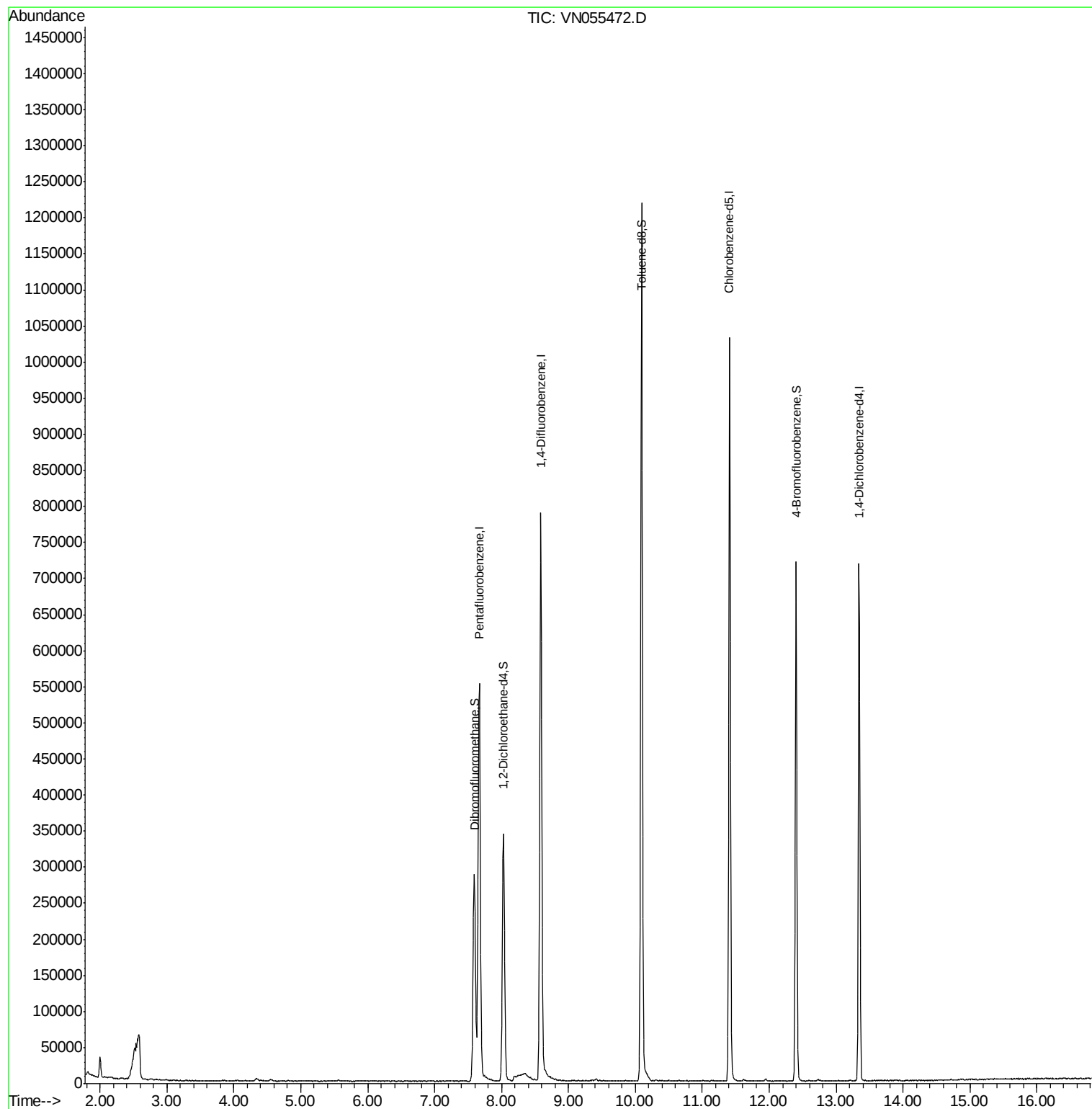
Target Compounds	Qvalue
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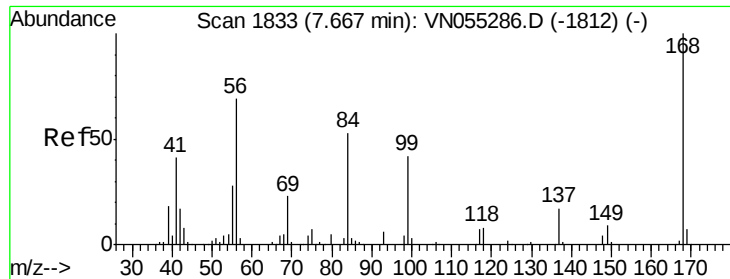
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055472.D

Acq: 8 May 2019 6:36

Instrument :

MSVOA_N

ClientSampleId :

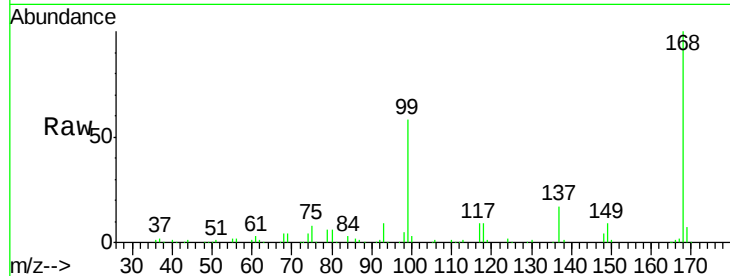
P026-SS002-1218-01

Tot Ion:168 Resp: 444892

Ion Ratio Lower Upper

168 100

99 57.8 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

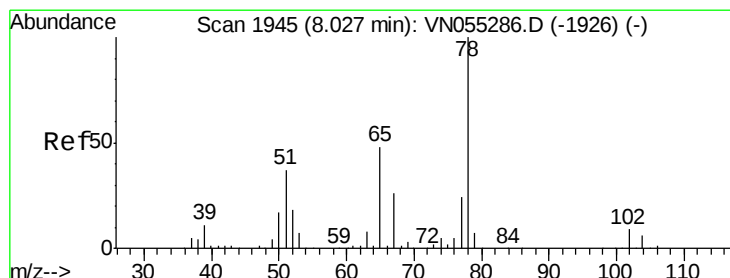
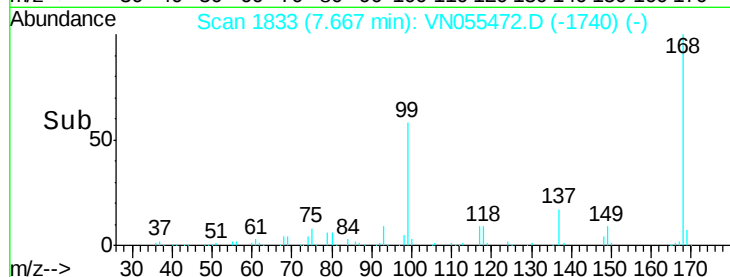
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 51.099 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055472.D

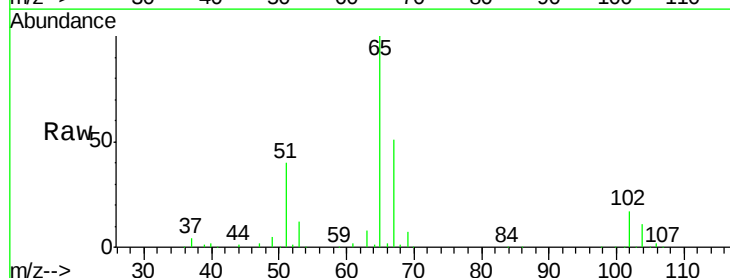
Acq: 8 May 2019 6:36

Tgt Ion: 65 Resp: 297407

Ion Ratio Lower Upper

65 100

67 51.7 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

150000

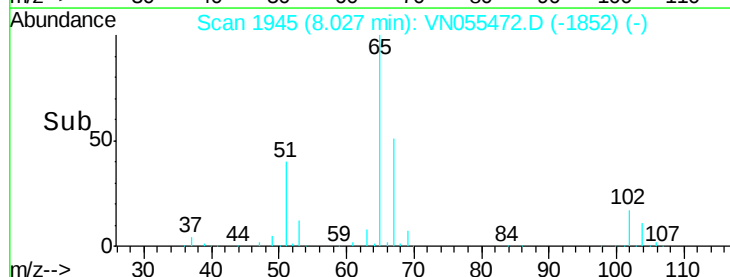
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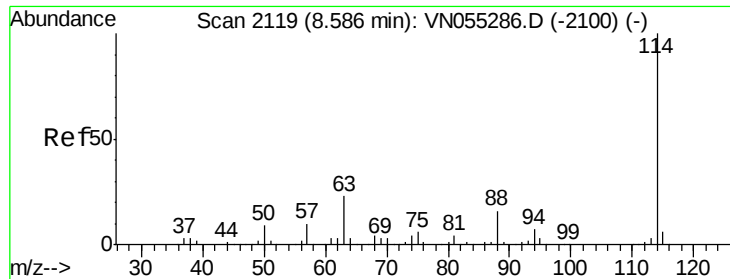
50000

0

Time-->

7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01

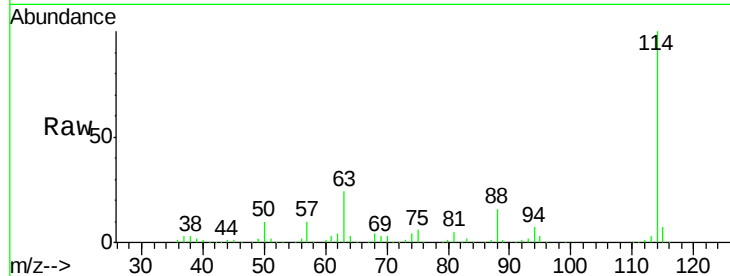
Tot Ion:114 Resp: 698535

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.2

88 16.3 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

8.59

400000

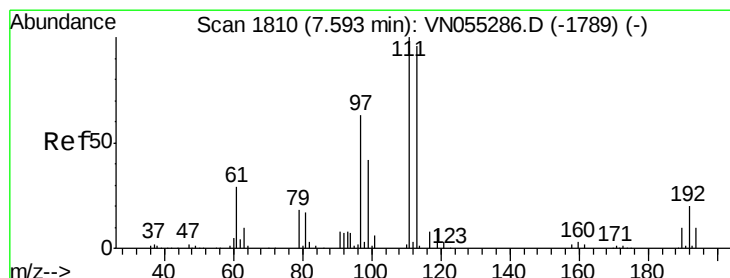
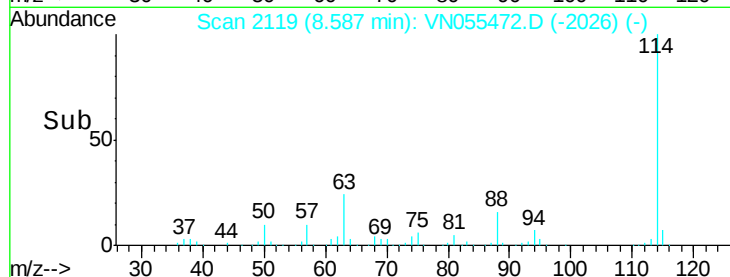
300000

200000

100000

0

Time-->



#35

Dibromofluoromethane

Concen: 47.492 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

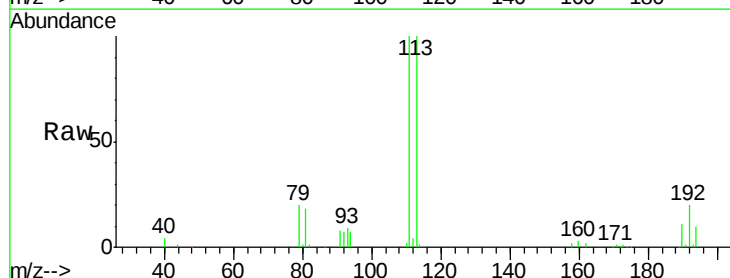
Tgt Ion:113 Resp: 217749

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 20.3 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

7.59

120000

100000

80000

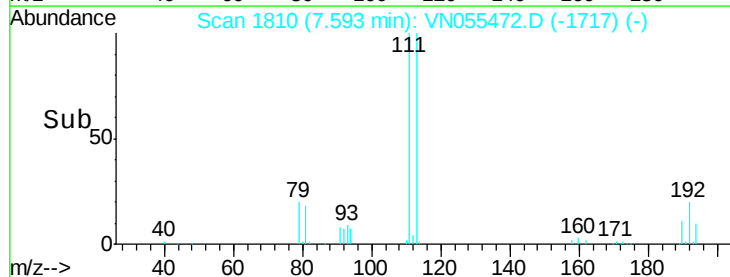
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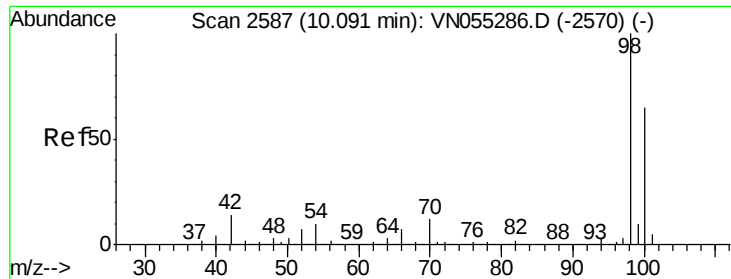
40000

20000

0

Time-->





#50

Toluene-d8

Concen: 50.254 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

Instrument :

MSVOA_N

ClientSampleId :

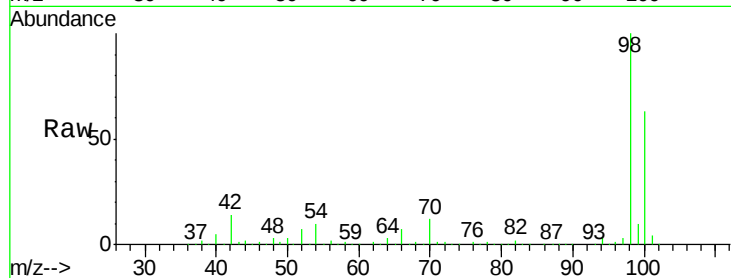
P026-SS002-1218-01

Tot Ion: 98 Resp: 831993

Ion Ratio Lower Upper

98 100

100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

300000

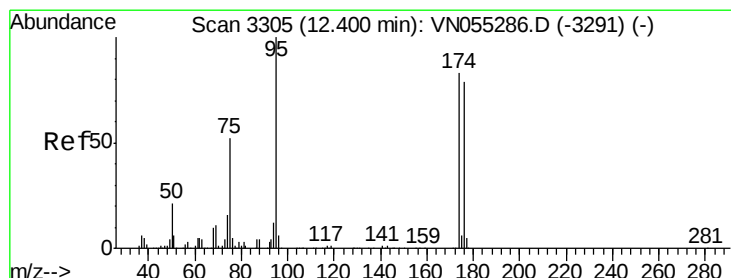
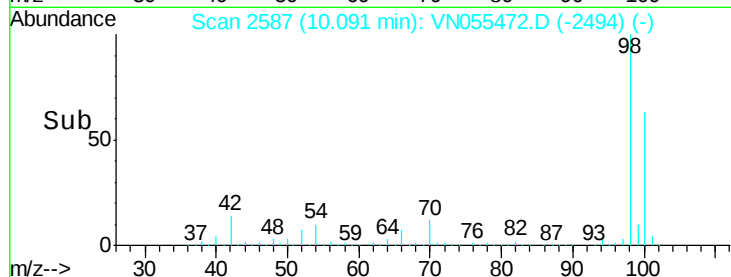
200000

100000

0

Time-->

10.00 10.20



#62

4-Bromofluorobenzene

Concen: 46.674 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

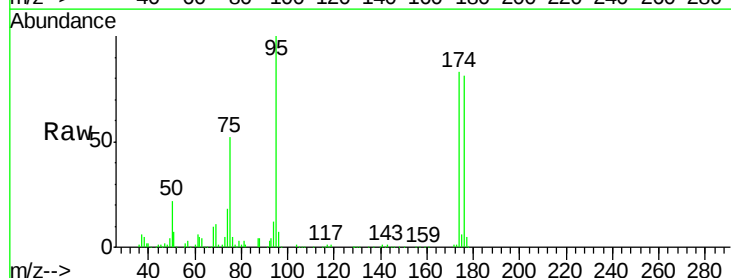
Tgt Ion: 95 Resp: 241506

Ion Ratio Lower Upper

95 100

174 81.8 0.0 166.6

176 79.9 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

12.40

150000

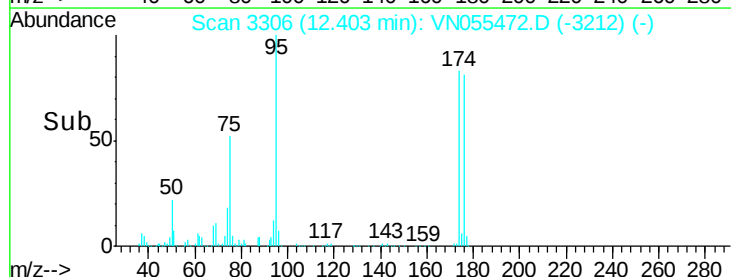
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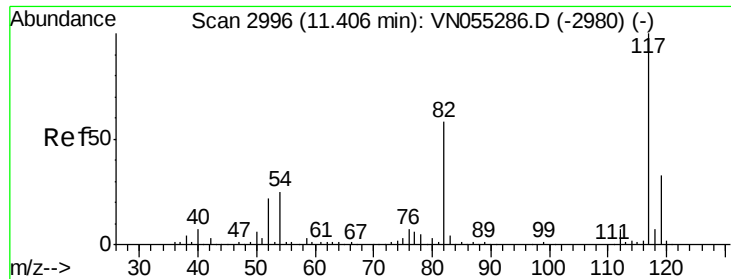
50000

0

Time-->

12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01

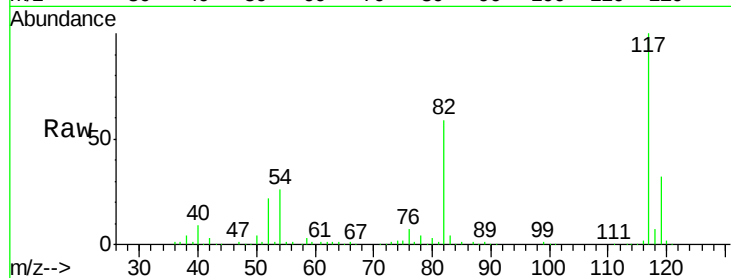
Tot Ion:117 Resp: 566944

Ion Ratio Lower Upper

117 100

82 58.6 46.2 69.4

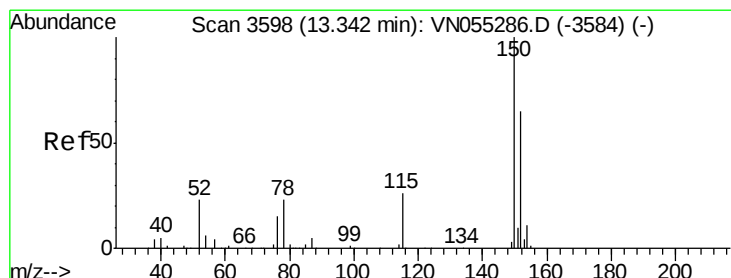
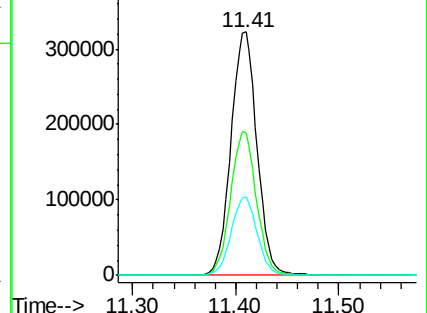
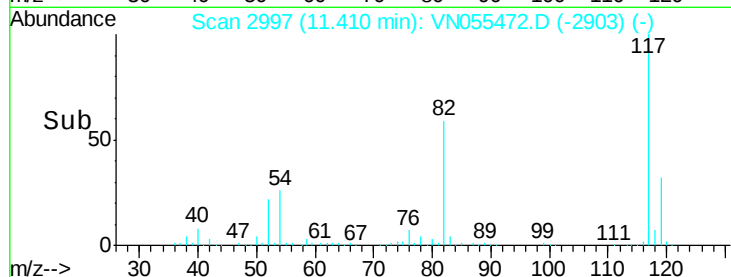
119 32.0 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN055472.D

Acq: 8 May 2019 6:36

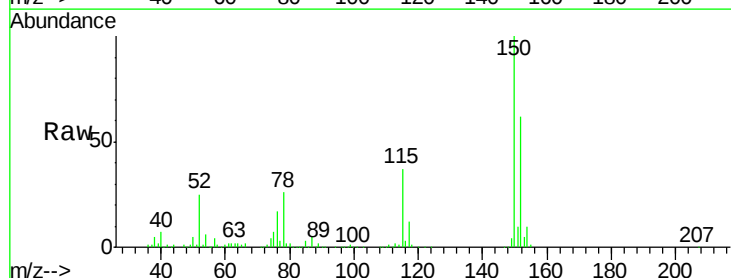
Tgt Ion:152 Resp: 182604

Ion Ratio Lower Upper

152 100

115 58.5 29.0 87.0

150 159.1 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

