

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050719\
 Data File : VN055471.D
 Acq On : 8 May 2019 6:11
 Operator : JC/SP
 Sample : K2717-21
 Misc : 4.84g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS004-0612-01

Quant Time: May 08 08:43:10 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	422230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	661306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	542253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169767	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	279982	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
35) Dibromofluoromethane	7.59	113	208610	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
50) Toluene-d8	10.09	98	779425	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.40	95	233346	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	

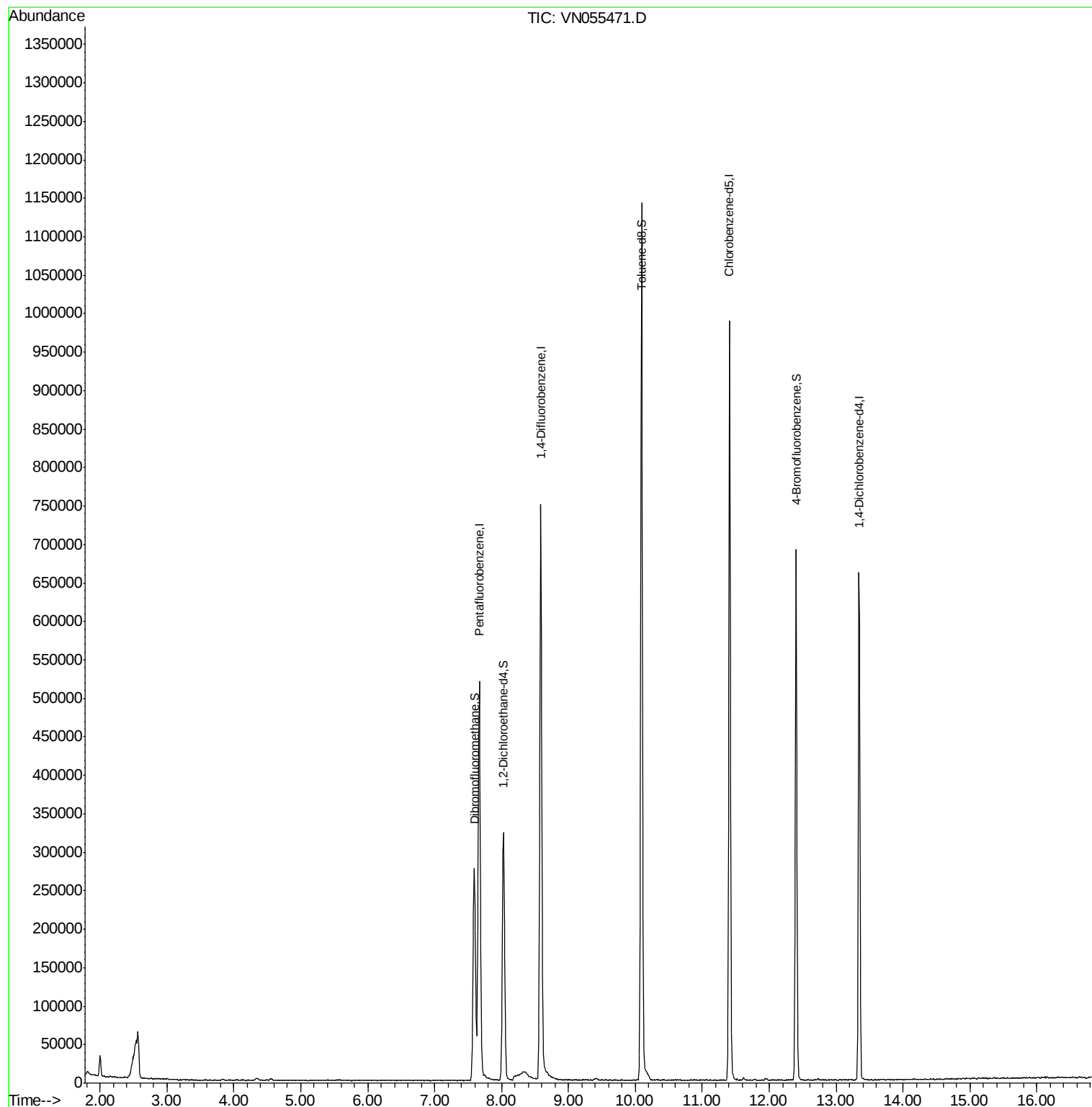
Target Compounds	Qvalue
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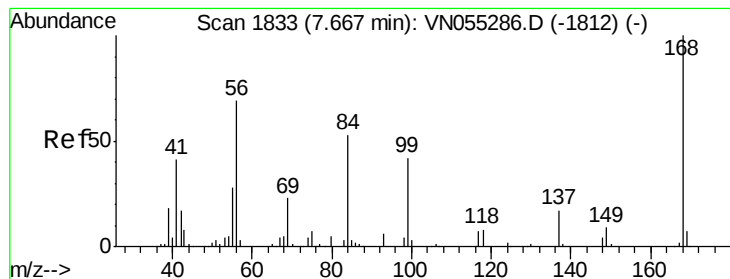
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055471.D

Acq: 8 May 2019 6:11

Instrument :

MSVOA_N

ClientSampleId :

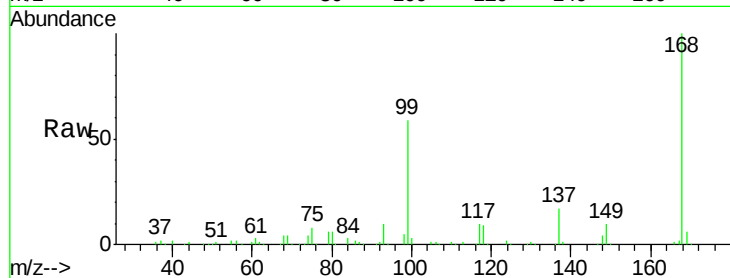
P026-SS004-0612-01

Tot Ion:168 Resp: 422230

Ion Ratio Lower Upper

168 100

99 58.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

200000

150000

100000

50000

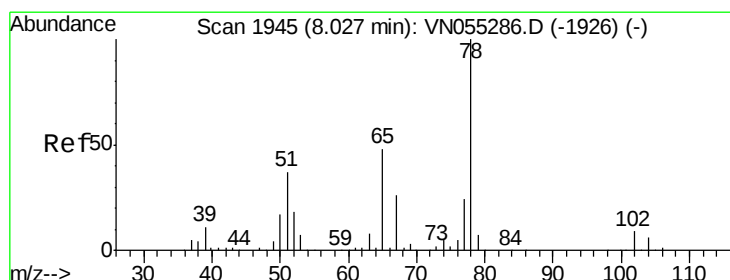
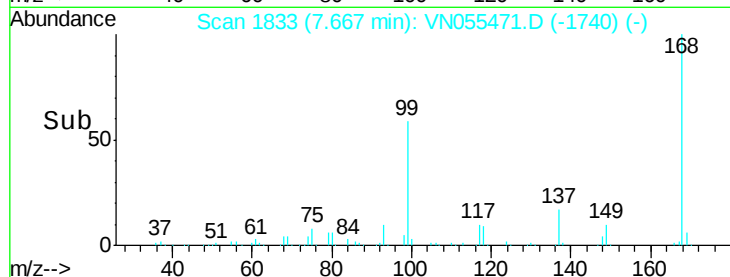
0

7.67

7.60

7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.687 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055471.D

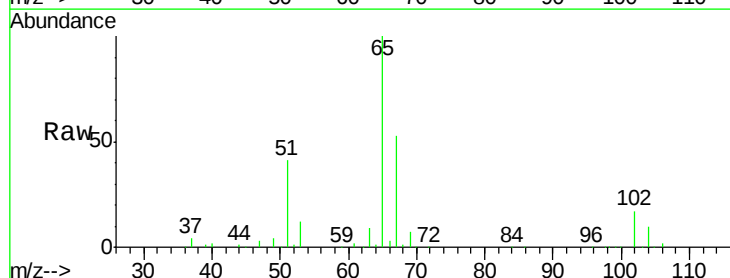
Acq: 8 May 2019 6:11

Tgt Ion: 65 Resp: 279982

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

100000

50000

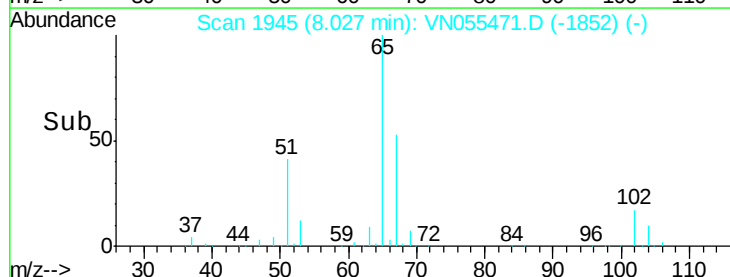
0

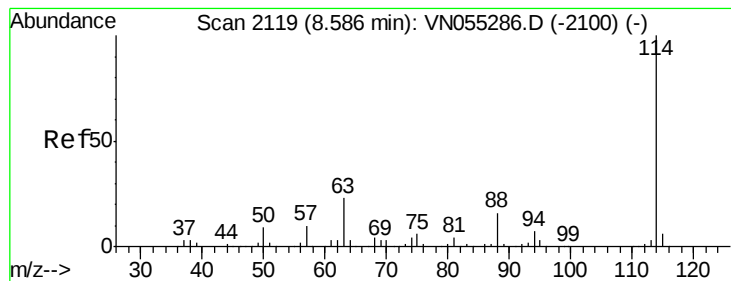
8.03

7.90

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: VN055471.D

Acq: 8 May 2019 6:11

Instrument :

MSVOA_N

ClientSampleId :

P026-SS004-0612-01

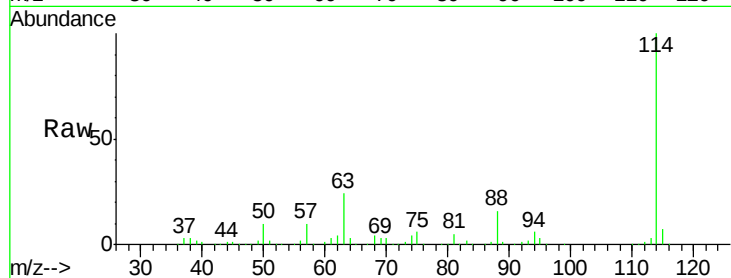
Tot Ion:114 Resp: 661306

Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.2

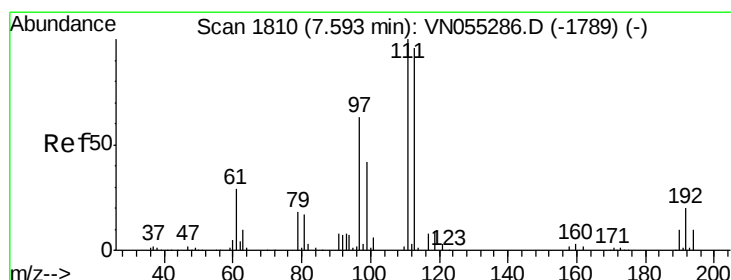
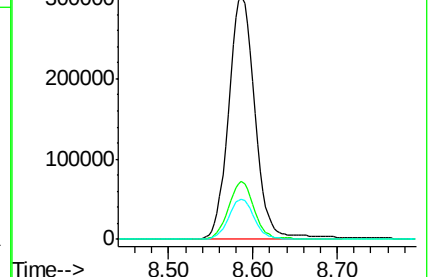
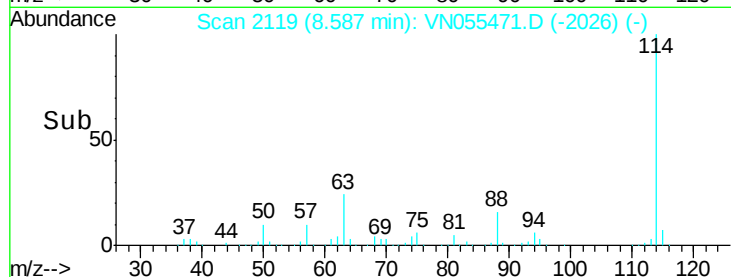
88 16.3 0.0 31.6



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



#35

Dibromofluoromethane

Concen: 48.060 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055471.D

Acq: 8 May 2019 6:11

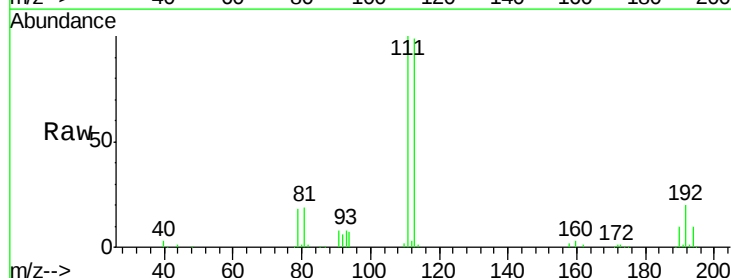
Tgt Ion:113 Resp: 208610

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

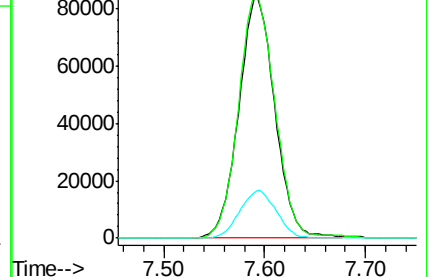
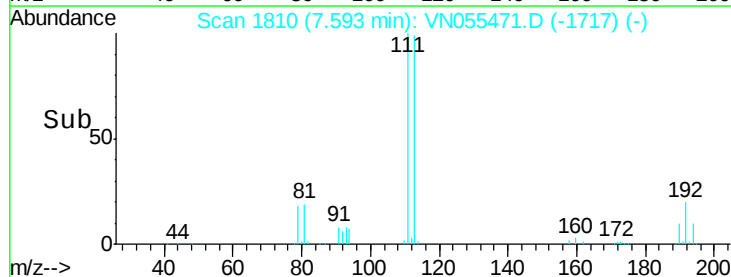
192 20.1 17.0 25.6

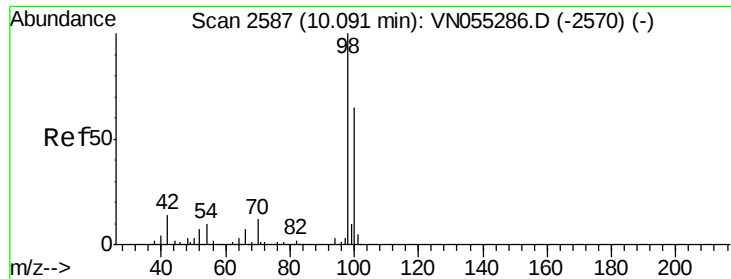


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.729 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055471.D

Acq: 8 May 2019 6:11

Instrument :

MSVOA_N

ClientSampleId :

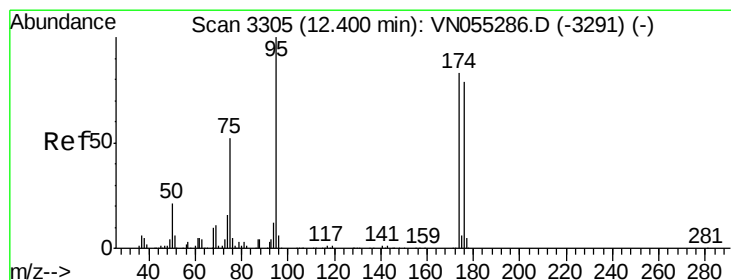
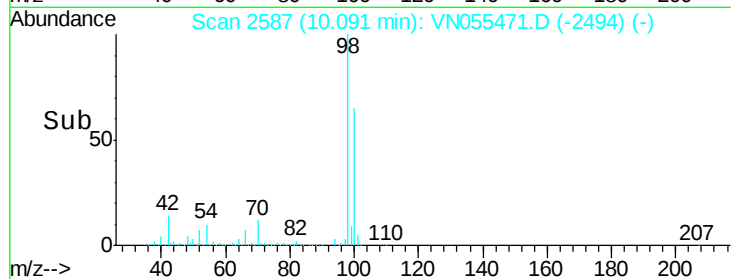
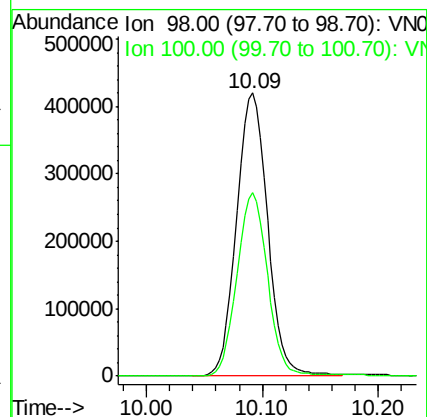
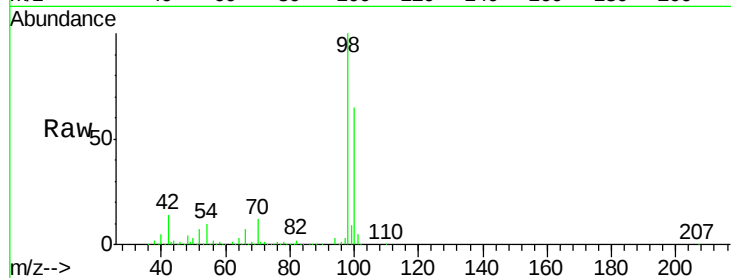
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Tot Ion: 98 Resp: 779425

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.636 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055471.D

Acq: 8 May 2019 6:11

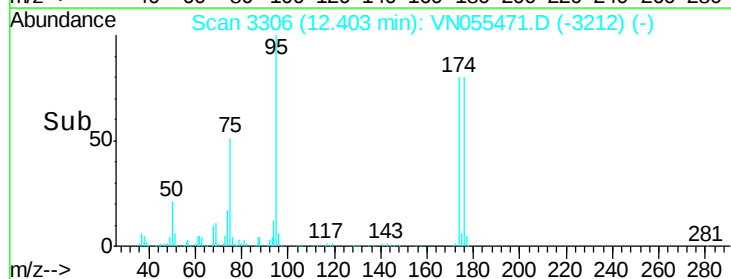
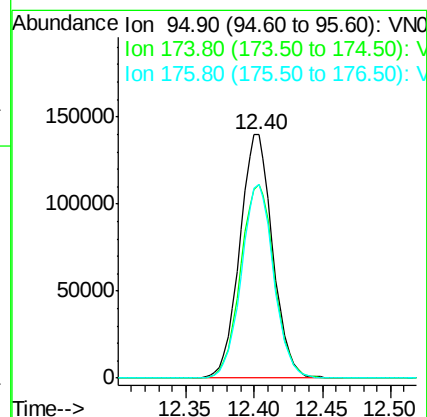
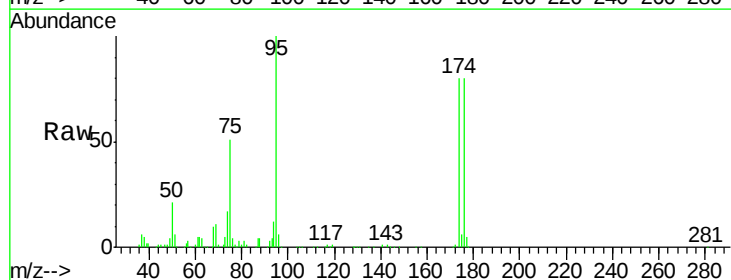
Tgt Ion: 95 Resp: 233346

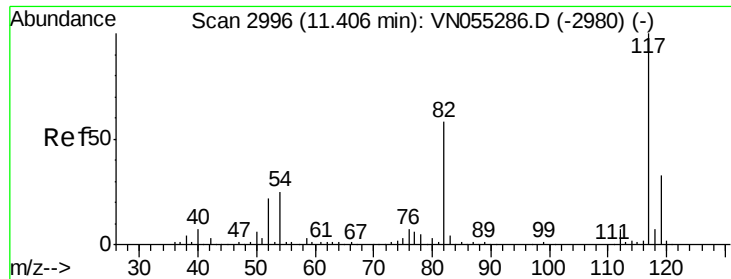
Ion Ratio Lower Upper

95 100

174 81.5 0.0 166.6

176 78.3 0.0 157.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055471.D

Acq: 8 May 2019 6:11

Instrument :

MSVOA_N

ClientSampleId :

P026-SS004-0612-01

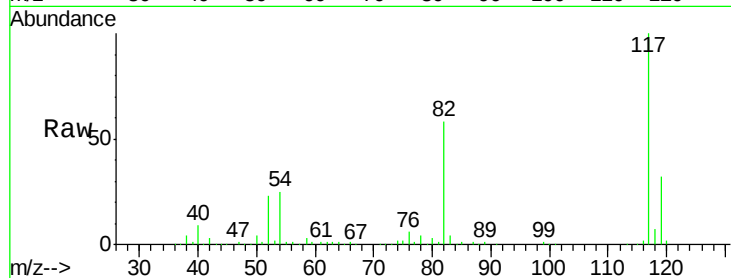
Tot Ion:117 Resp: 542253

Ion Ratio Lower Upper

117 100

82 57.6 46.2 69.4

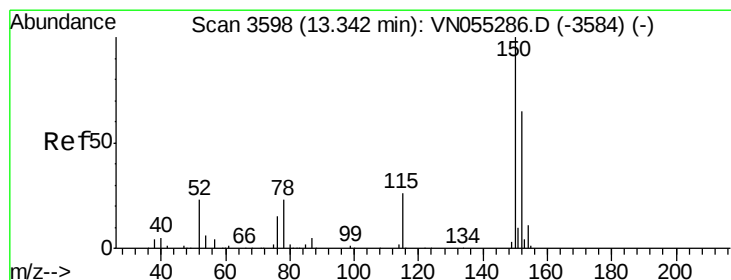
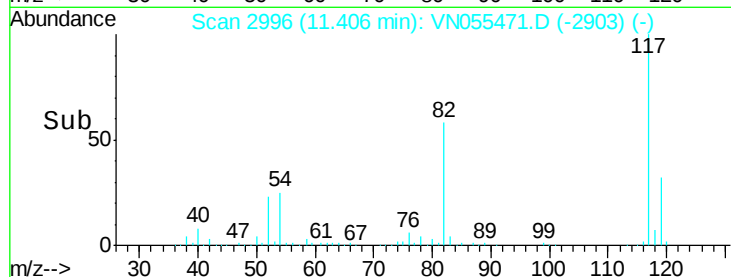
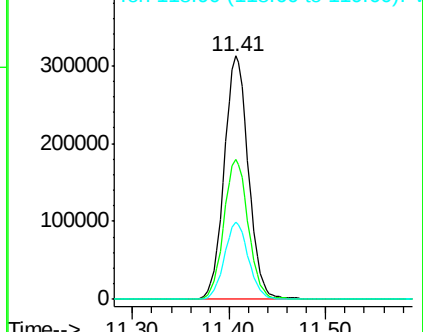
119 31.8 26.6 40.0



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055471.D

Acq: 8 May 2019 6:11

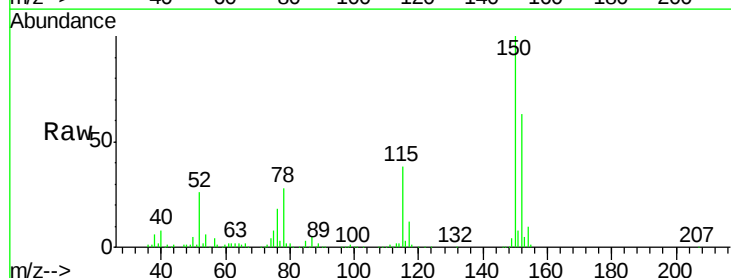
Tgt Ion:152 Resp: 169767

Ion Ratio Lower Upper

152 100

115 60.1 29.0 87.0

150 158.7 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

