

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\
 Data File : VN058804.D
 Acq On : 16 Oct 2019 16:11
 Operator : JC/SP
 Sample : K5399-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0326

Quant Time: Oct 17 04:10:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	397050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	623678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	550310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	202256	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	293525	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
35) Dibromofluoromethane	7.57	113	213471	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	10.08	98	794432	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.40	95	252213	43.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.50%	

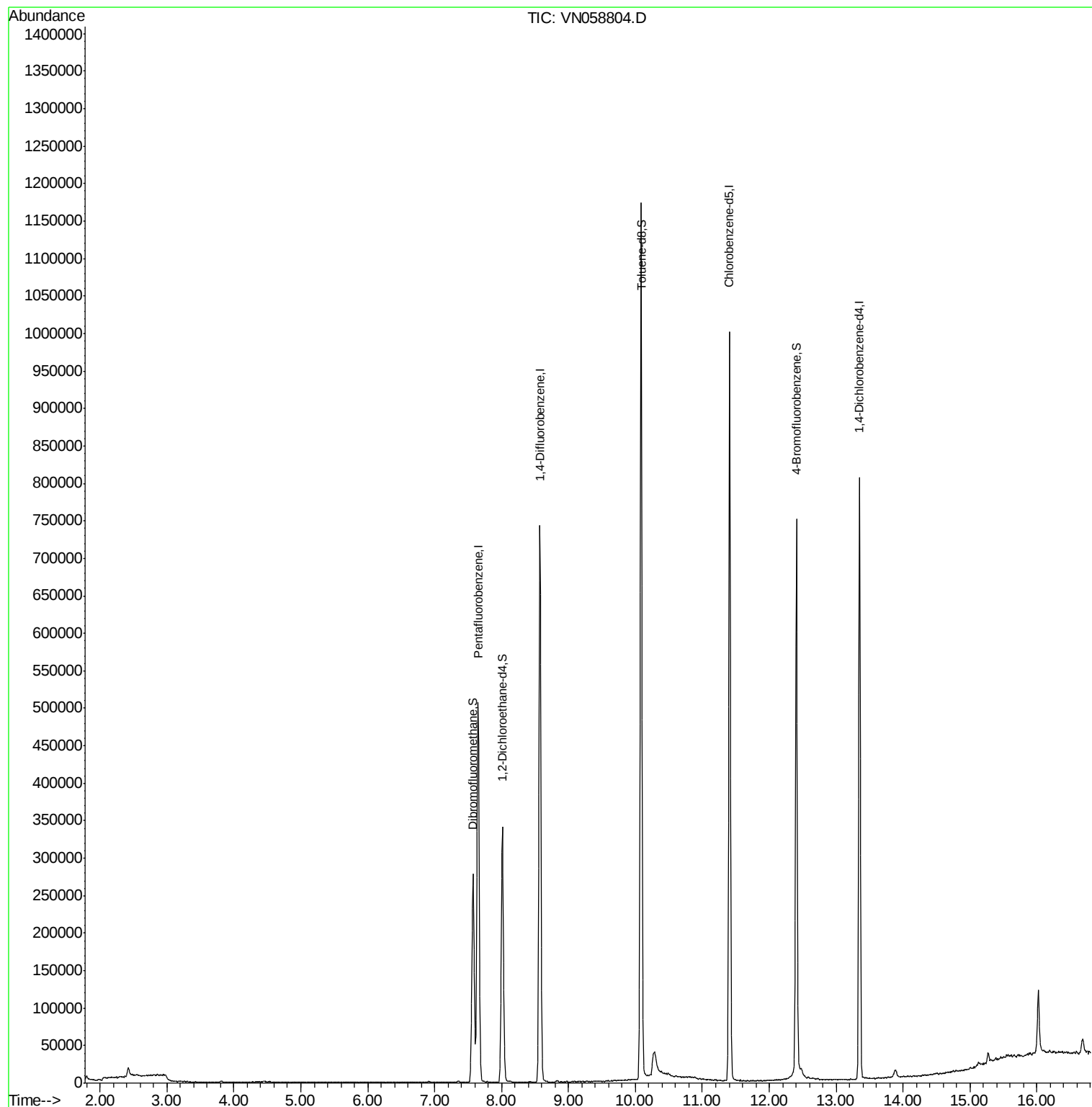
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058804.D

Acq: 16 Oct 2019 16:11

Instrument :

MSVOA_N

ClientSampleId :

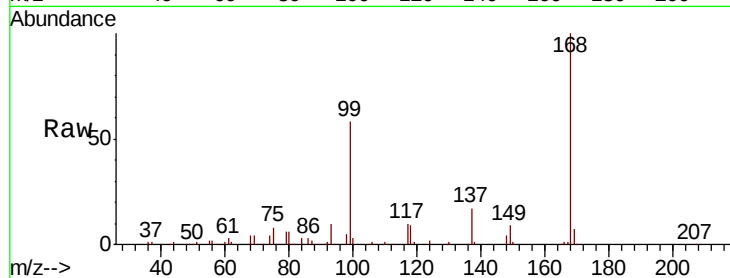
FA19-MMW0326

Tot Ion:168 Resp: 397050

Ion Ratio Lower Upper

168 100

99 58.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VN058804.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN058804.D (-1734) (-)

7.65

150000

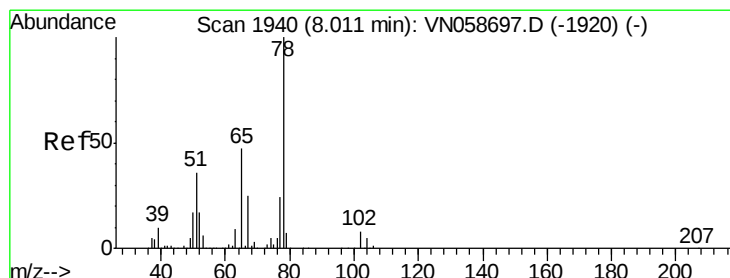
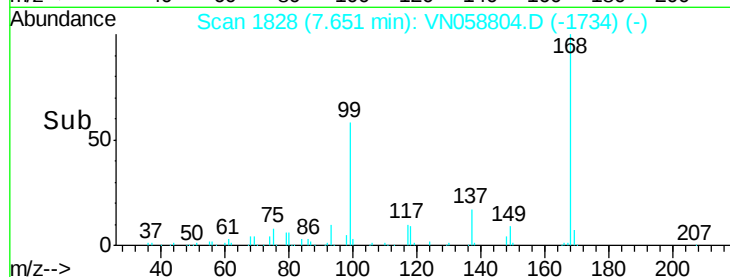
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.805 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058804.D

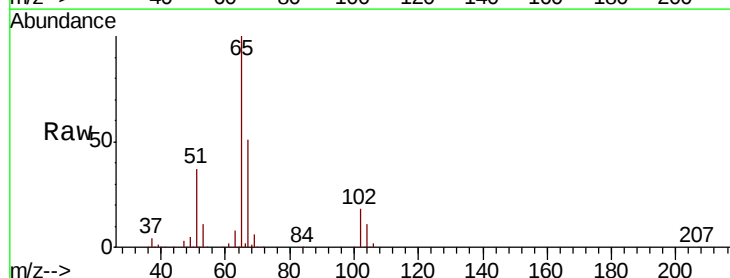
Acq: 16 Oct 2019 16:11

Tgt Ion: 65 Resp: 293525

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN058804.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN058804.D (-1847) (-)

8.01

150000

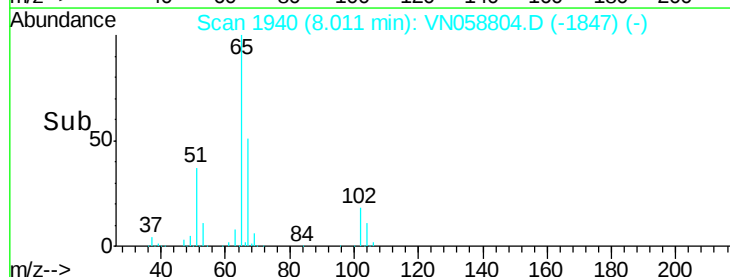
100000

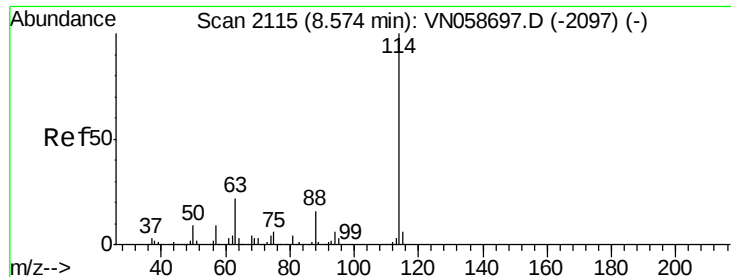
50000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058804.D

Acq: 16 Oct 2019 16:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0326

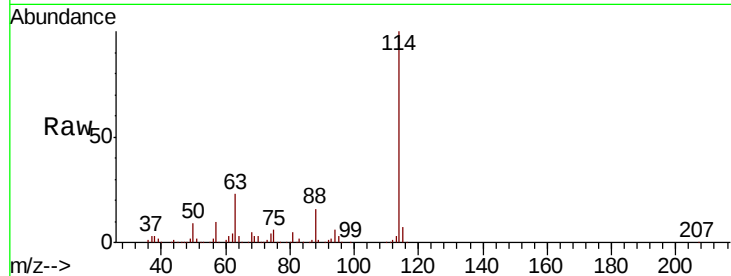
Tot Ion:114 Resp: 623678

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

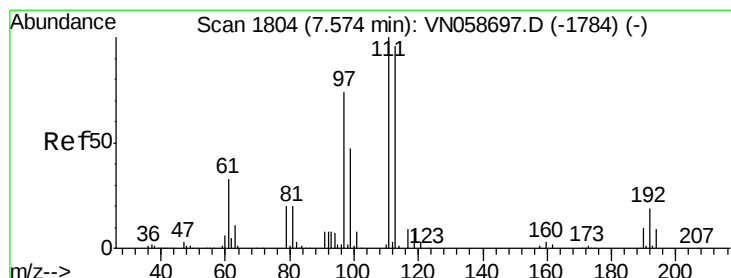
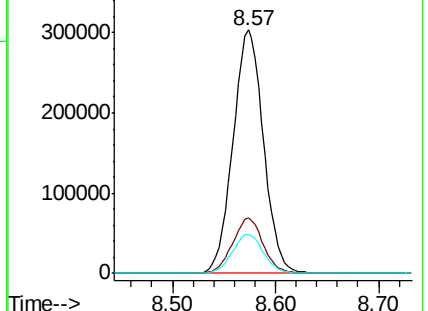
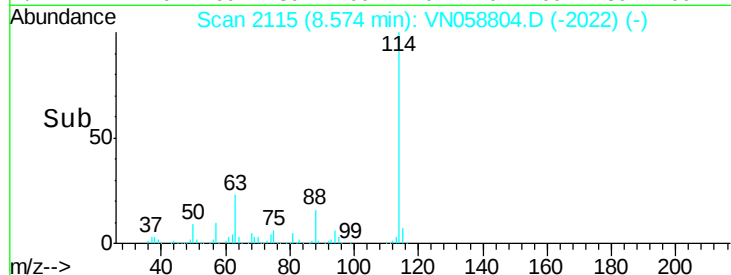
88 16.1 0.0 32.0



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: 55.414 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058804.D

Acq: 16 Oct 2019 16:11

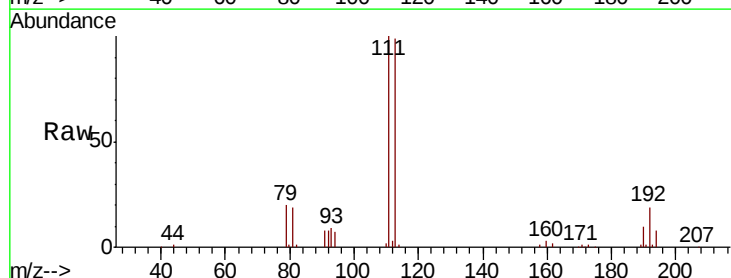
Tgt Ion:113 Resp: 213471

Ion Ratio Lower Upper

113 100

111 100.7 82.3 123.5

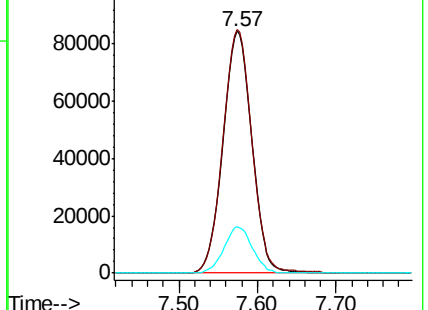
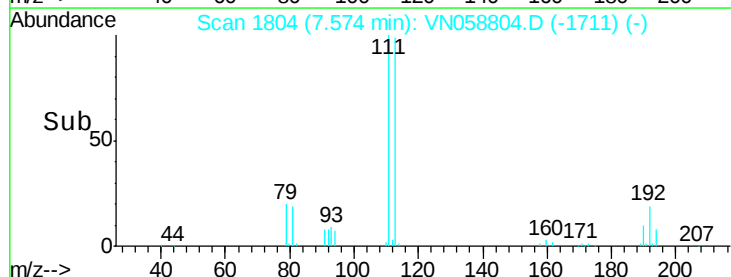
192 18.9 15.0 22.6

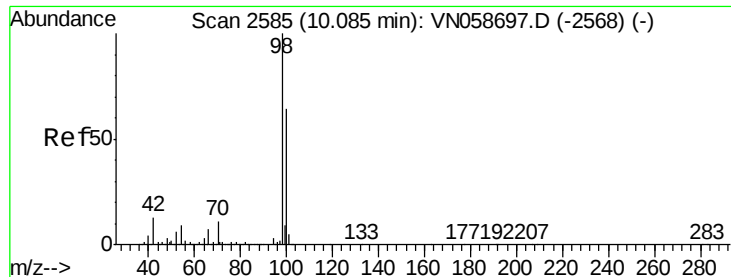


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.570 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058804.D

Acq: 16 Oct 2019 16:11

Instrument :

MSVOA_N

ClientSampleId :

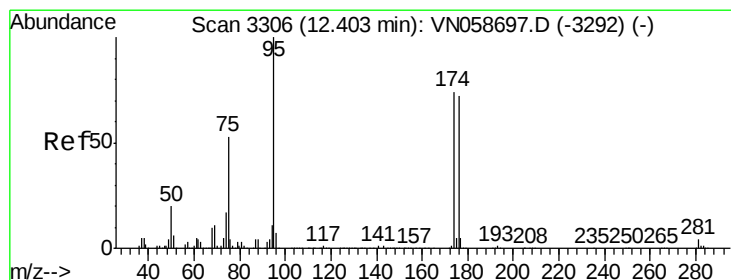
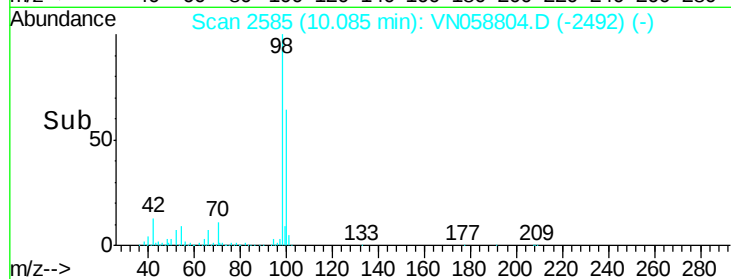
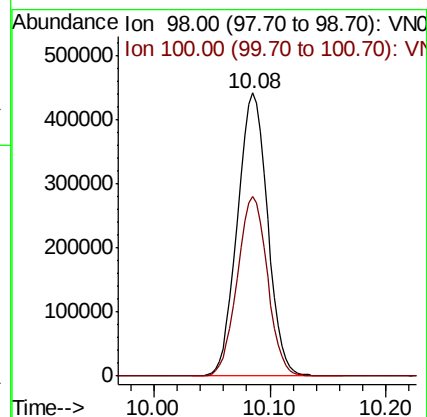
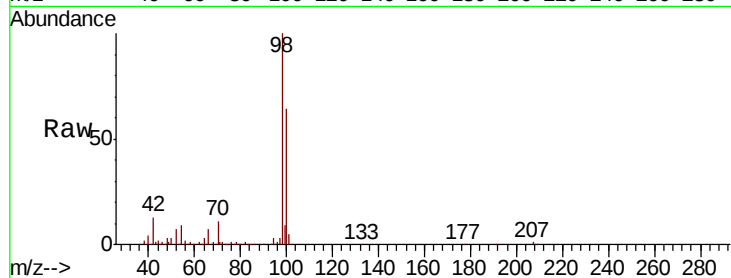
FA19-MMW0326

Tot Ion: 98 Resp: 794432

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.252 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058804.D

Acq: 16 Oct 2019 16:11

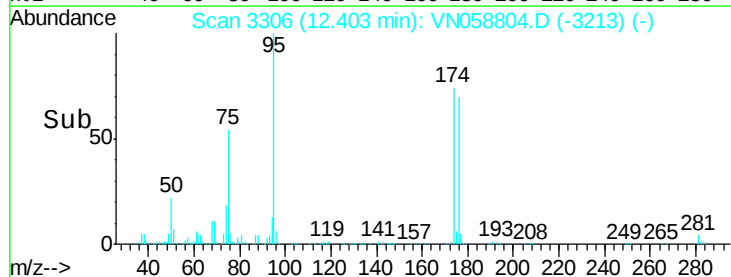
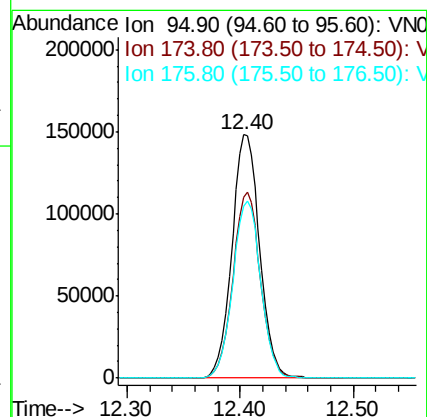
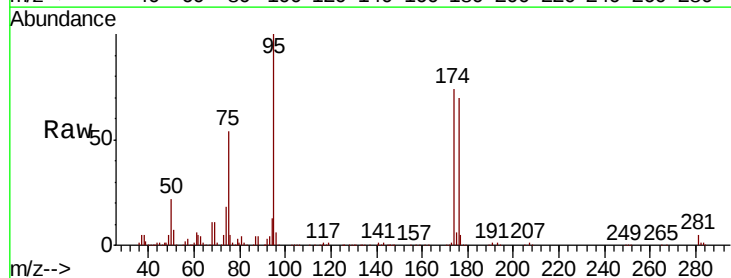
Tgt Ion: 95 Resp: 252213

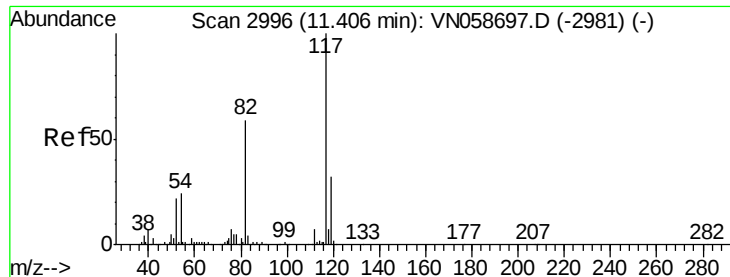
Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.4

176 73.5 0.0 146.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058804.D

Acq: 16 Oct 2019 16:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0326

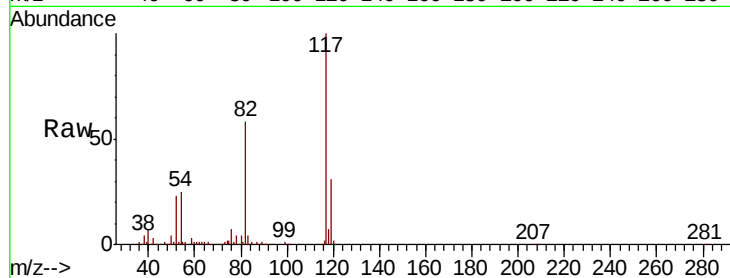
Tot Ion:117 Resp: 550310

Ion Ratio Lower Upper

117 100

82 58.3 47.0 70.4

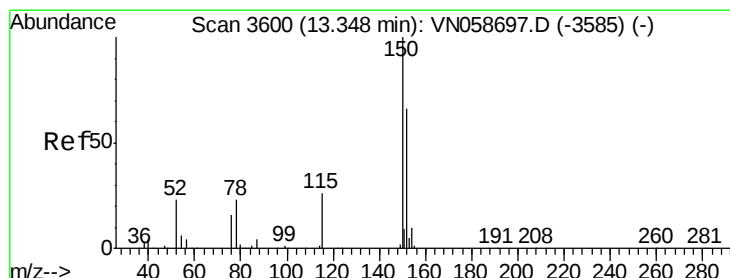
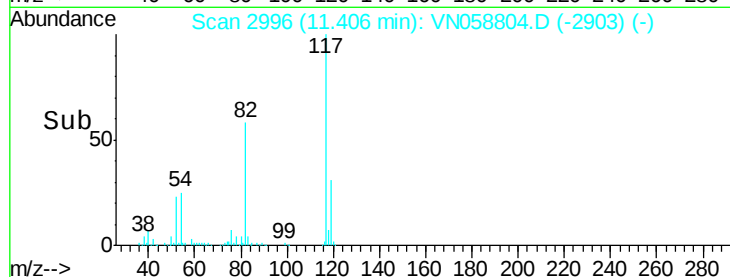
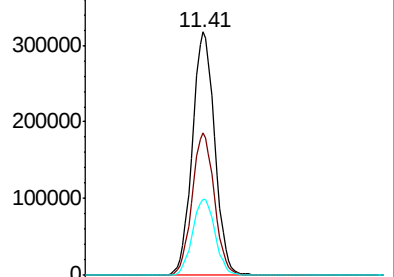
119 31.4 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058804.D

Acq: 16 Oct 2019 16:11

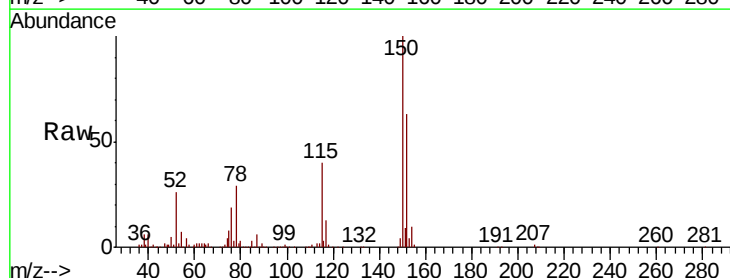
Tgt Ion:152 Resp: 202256

Ion Ratio Lower Upper

152 100

115 62.1 30.4 91.2

150 158.9 0.0 345.4



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

