

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121919\
 Data File : VN059666.D
 Acq On : 19 Dec 2019 12:47
 Operator : JC/SP
 Sample : VN1219WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBL01

Quant Time: Dec 20 03:15:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	221779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	356117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	108493	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	161266	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	7.57	113	110993	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.08	98	439687	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	135627	42.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.26%	

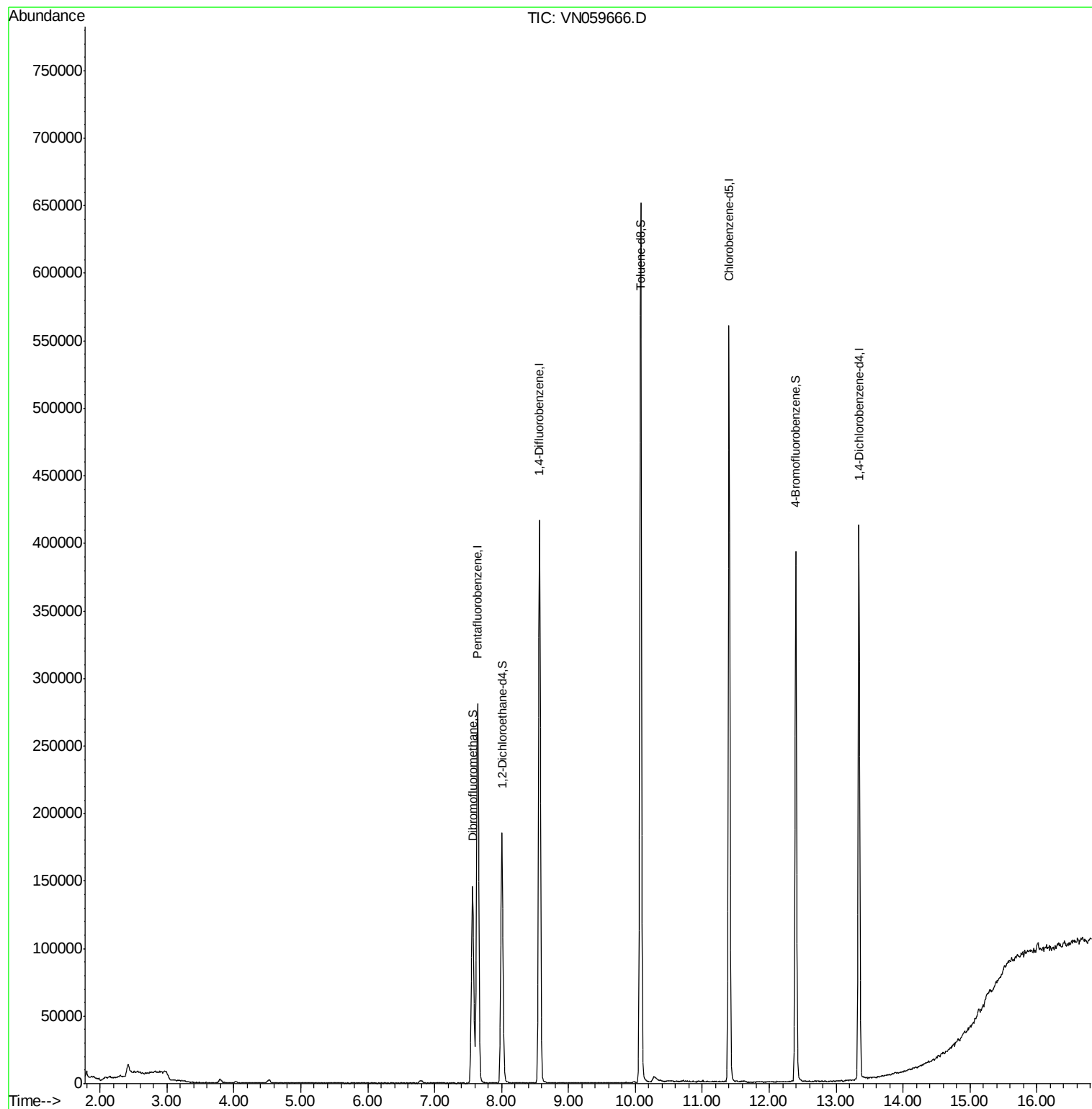
Target Compounds	Qvalue
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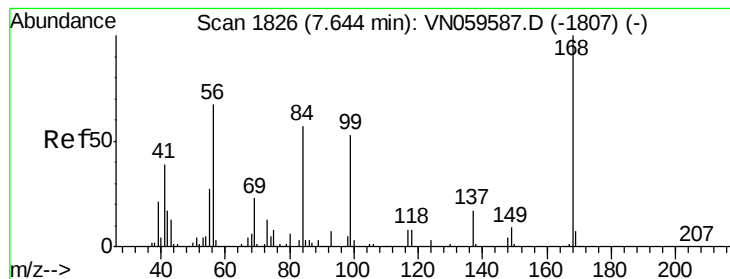
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121919\
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Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059666.D

Acq: 19 Dec 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

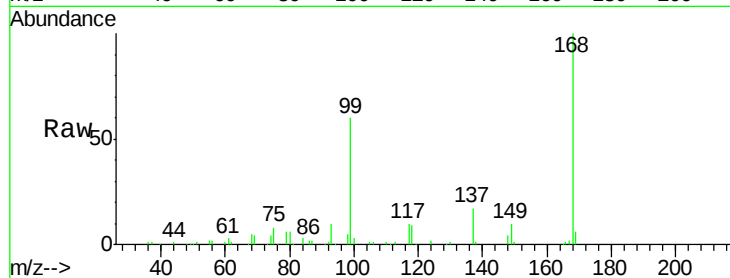
VN1219WBL01

Tot Ion:168 Resp: 221779

Ion Ratio Lower Upper

168 100

99 59.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

100000

80000

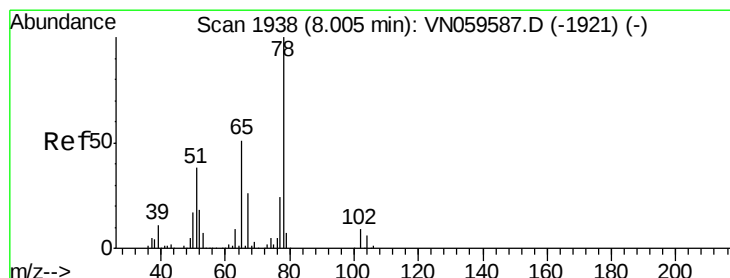
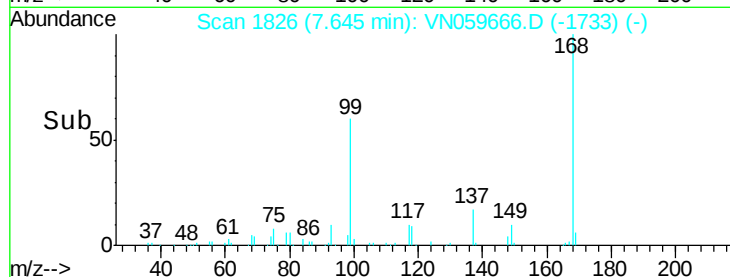
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.971 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059666.D

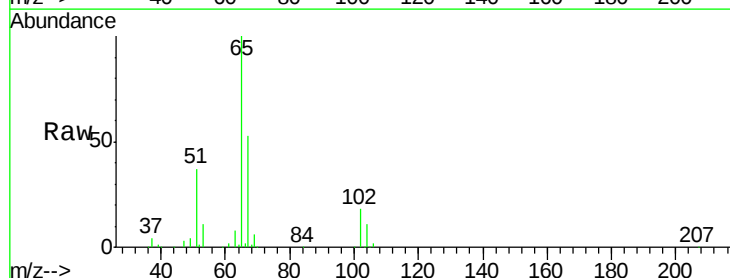
Acq: 19 Dec 2019 12:47

Tgt Ion: 65 Resp: 161266

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.00

80000

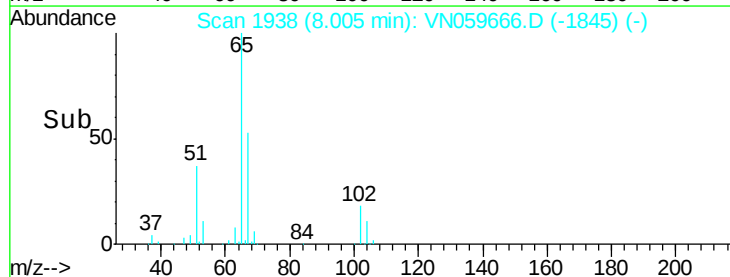
60000

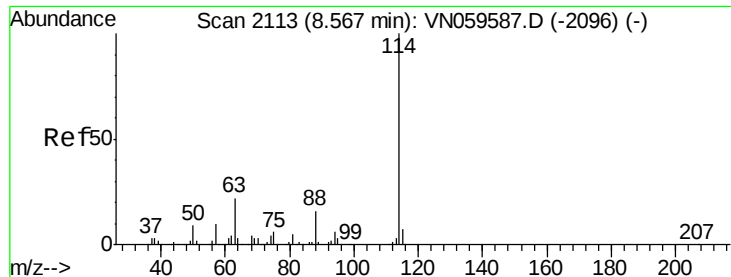
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059666.D

Acq: 19 Dec 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBL01

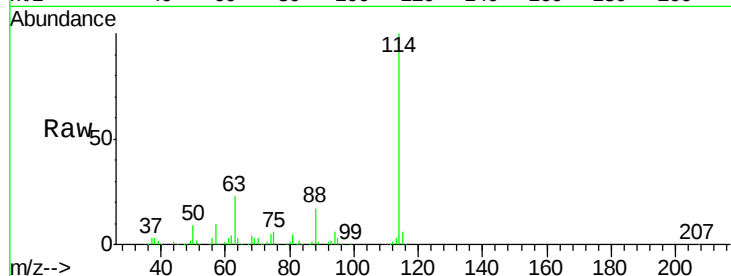
Tot Ion:114 Resp: 356117

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.6

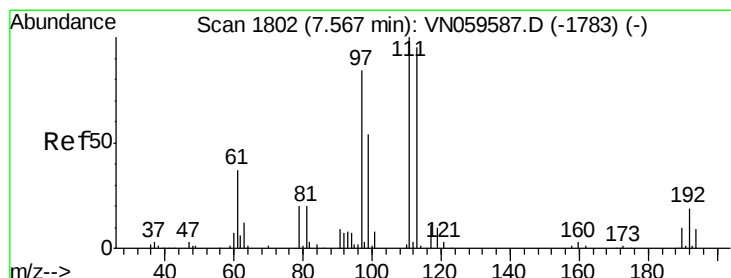
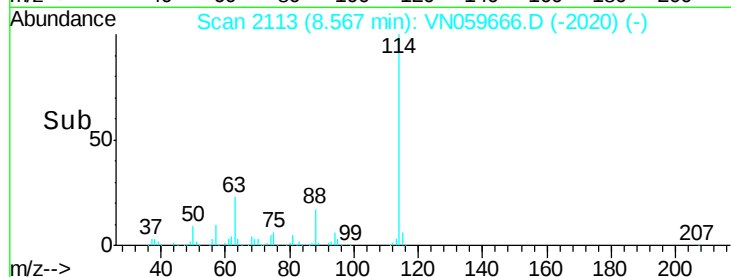
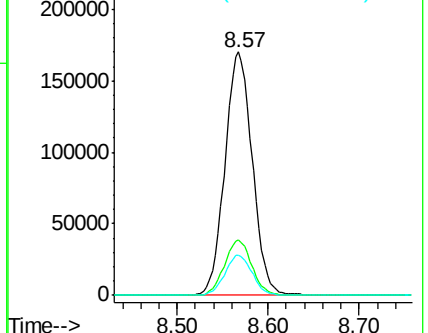
88 16.5 0.0 31.4



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: 49.813 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059666.D

Acq: 19 Dec 2019 12:47

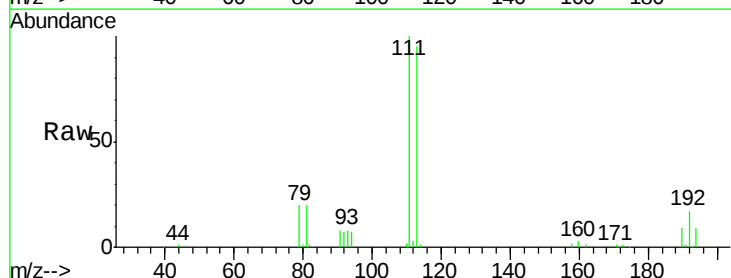
Tgt Ion:113 Resp: 110993

Ion Ratio Lower Upper

113 100

111 103.7 83.5 125.3

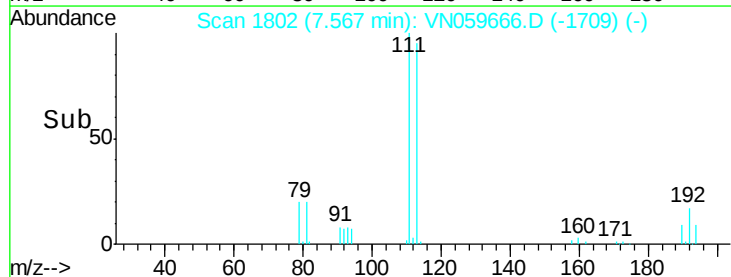
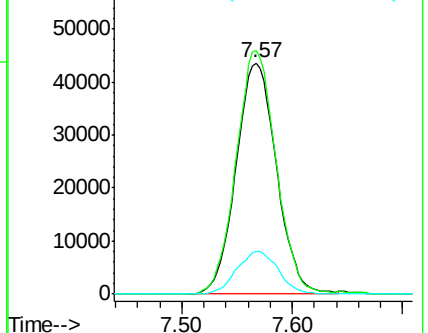
192 18.8 15.4 23.2

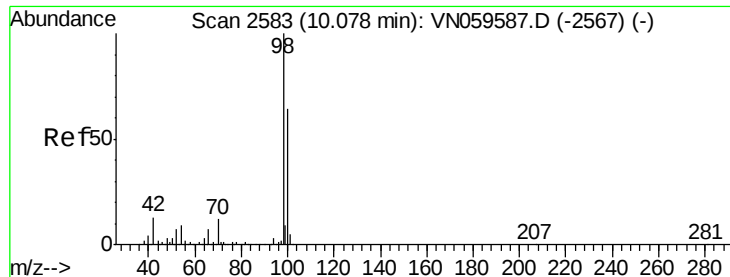


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.842 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059666.D

Acq: 19 Dec 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

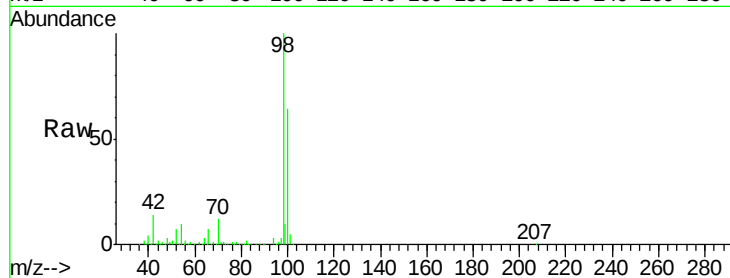
VN1219WBL01

Tot Ion: 98 Resp: 439687

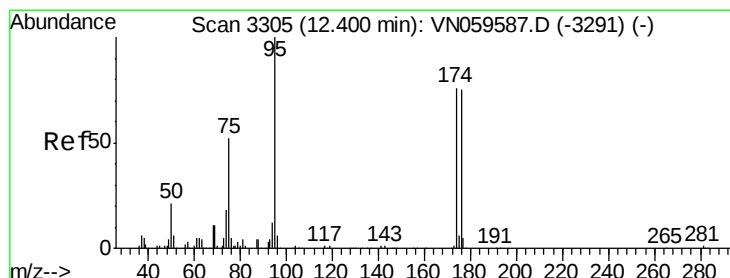
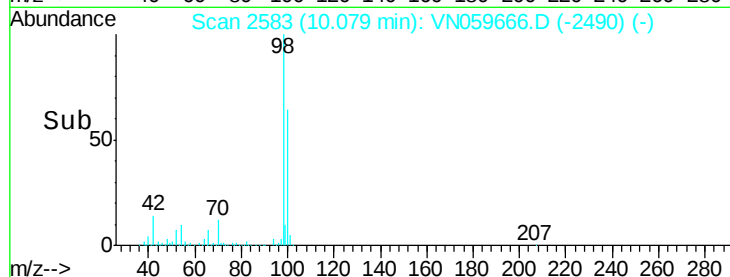
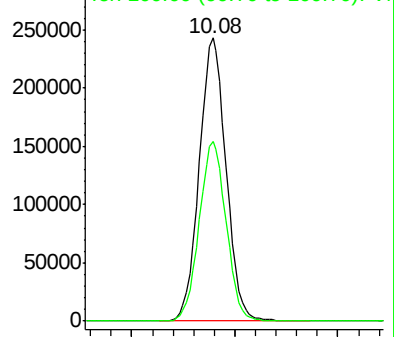
Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059587.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 42.134 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059666.D

Acq: 19 Dec 2019 12:47

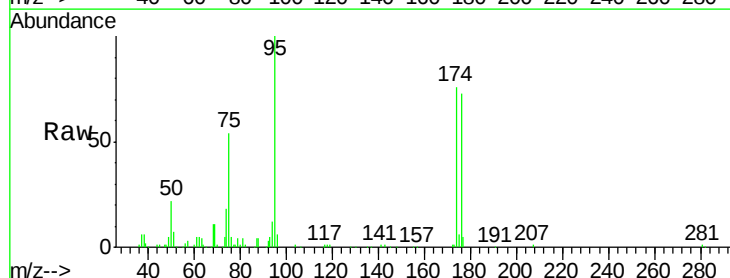
Tgt Ion: 95 Resp: 135627

Ion Ratio Lower Upper

95 100

174 75.3 0.0 151.4

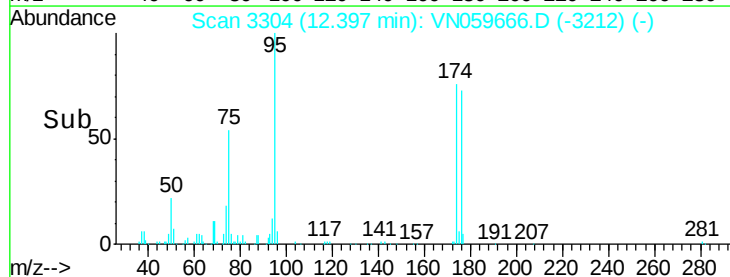
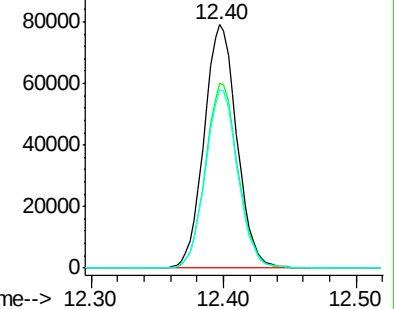
176 72.7 0.0 146.0

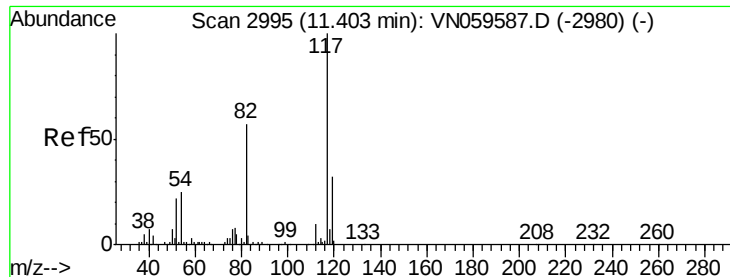


Abundance Ion 94.90 (94.60 to 95.60): VN059587.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059587.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059587.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059666.D

Acq: 19 Dec 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBL01

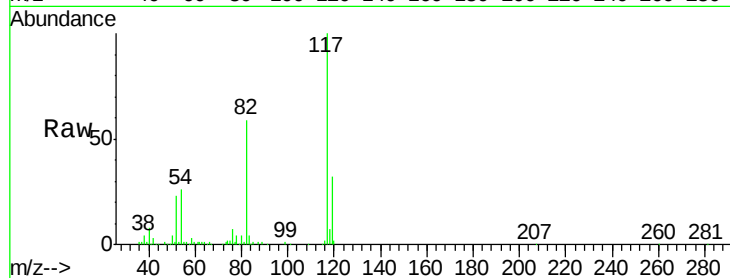
Tot Ion:117 Resp: 307845

Ion Ratio Lower Upper

117 100

82 58.9 45.9 68.9

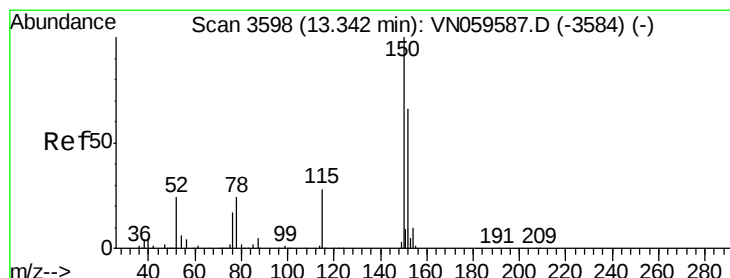
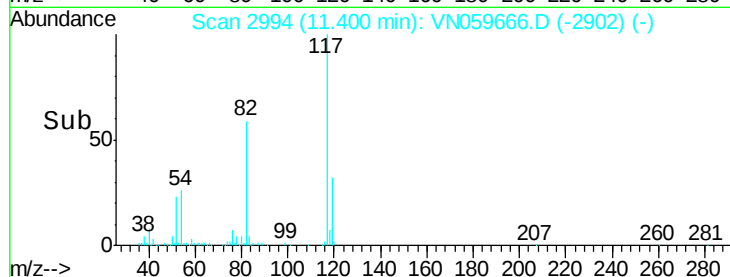
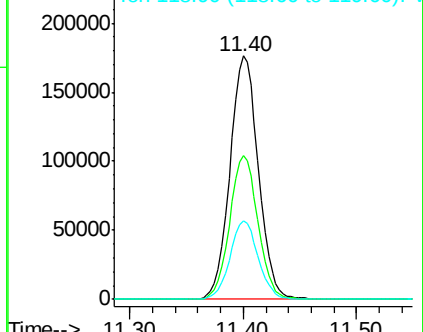
119 32.2 25.5 38.3



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: VN059666.D

Acq: 19 Dec 2019 12:47

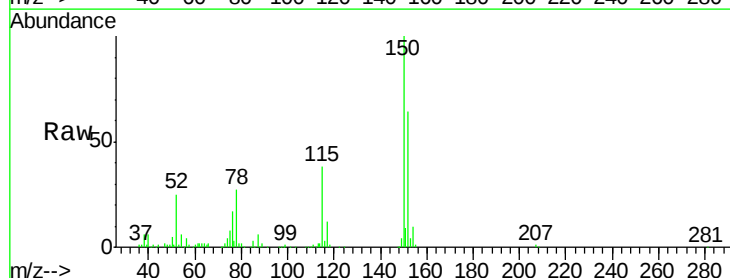
Tgt Ion:152 Resp: 108493

Ion Ratio Lower Upper

152 100

115 60.6 30.3 90.9

150 156.3 0.0 345.2



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

