

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111519\
 Data File : VN059249.D
 Acq On : 15 Nov 2019 9:06
 Operator : JC/SP
 Sample : VN1115MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115MBL01

Quant Time: Nov 15 15:18:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	472543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	728331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	625254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	226108	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	287294	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	7.57	113	227954	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	10.08	98	878760	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.40	95	273067	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	

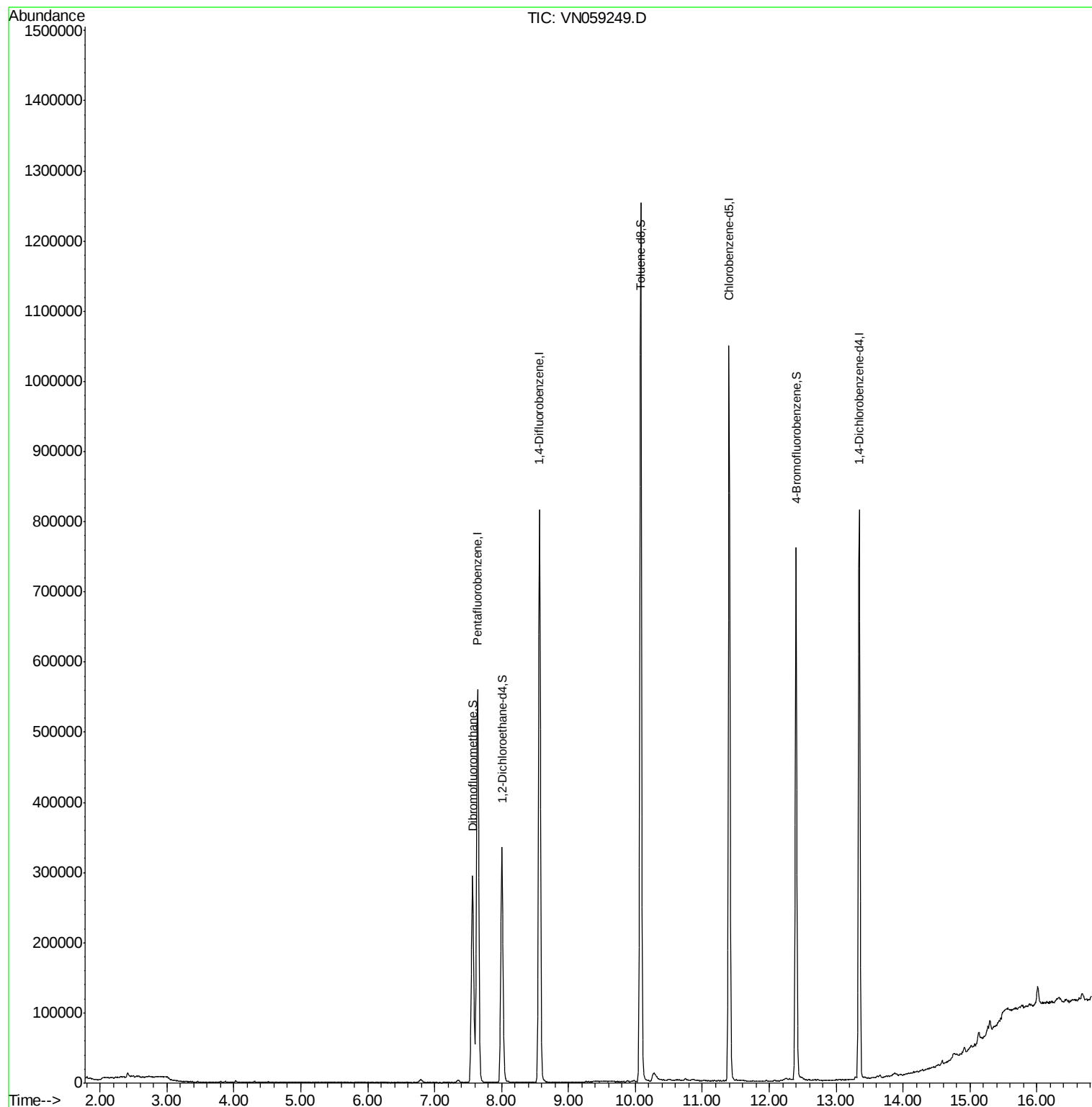
Target Compounds	Qvalue

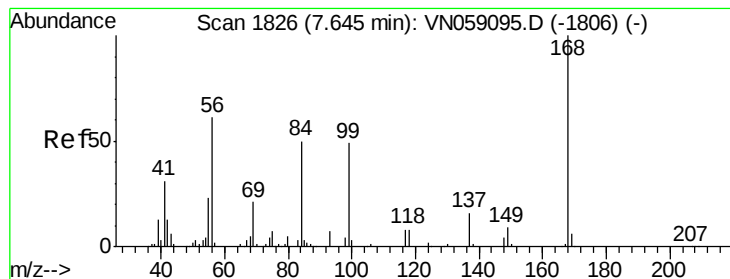
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN111519\
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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059249.D

Acq: 15 Nov 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

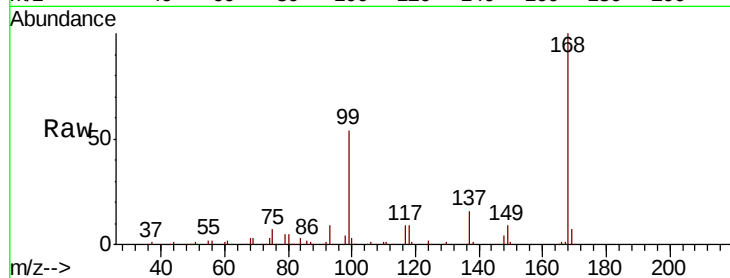
VN1115MBL01

Tot Ion:168 Resp: 472543

Ion Ratio Lower Upper

168 100

99 54.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

150000

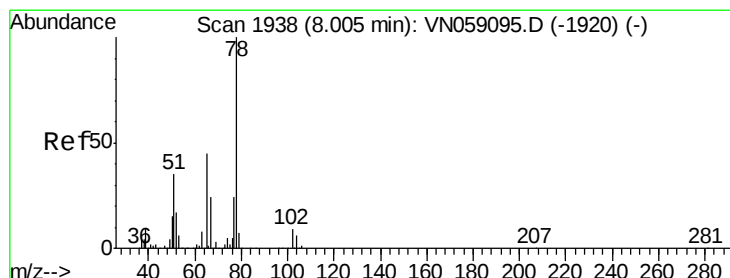
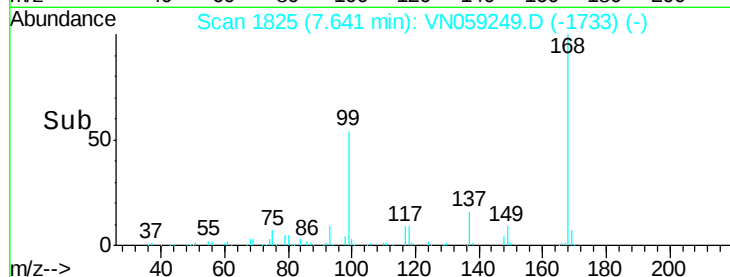
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.459 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059249.D

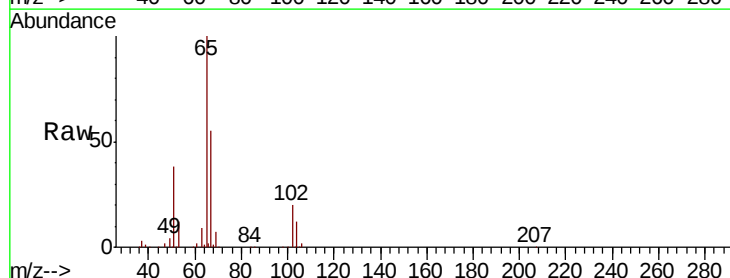
Acq: 15 Nov 2019 9:06

Tgt Ion: 65 Resp: 287294

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.00

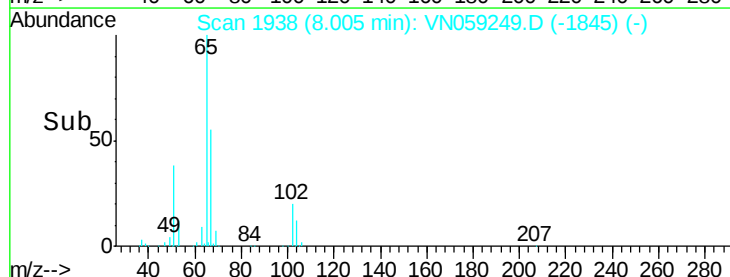
100000

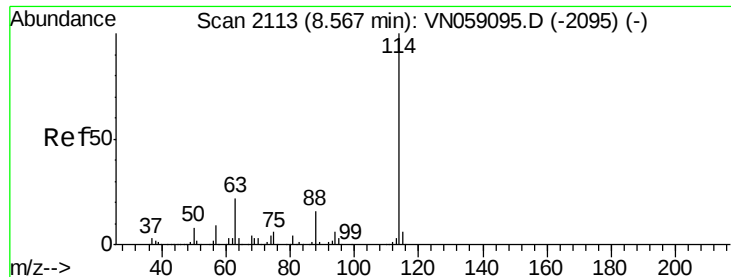
50000

0

7.90 8.00 8.10

Time-->

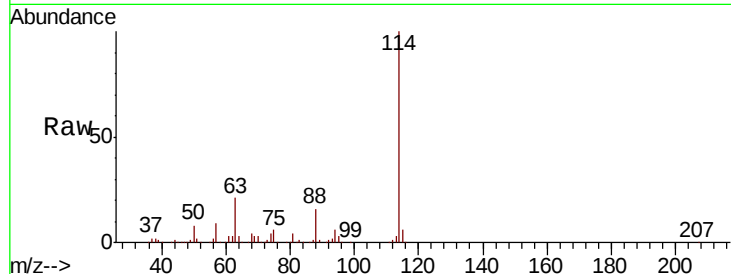




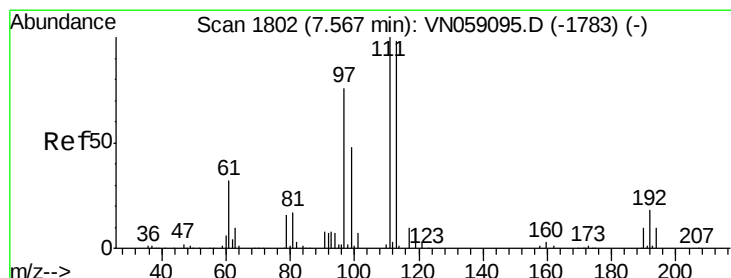
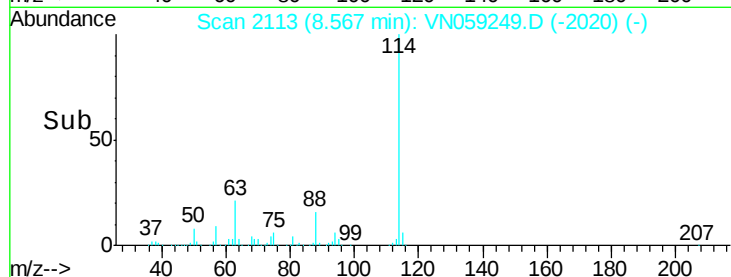
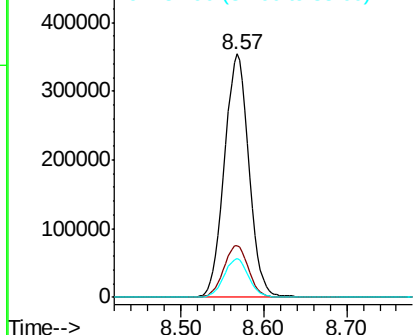
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059249.D
Acq: 15 Nov 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VN1115MBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.4
88	16.1	0.0	32.2

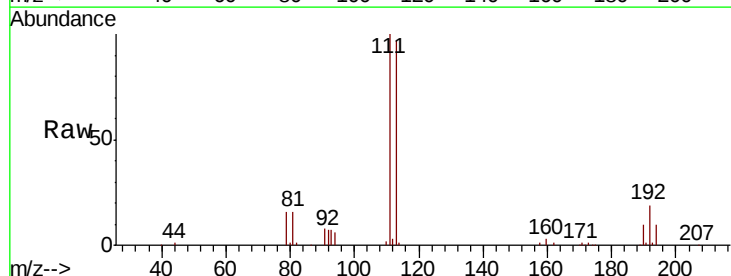


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

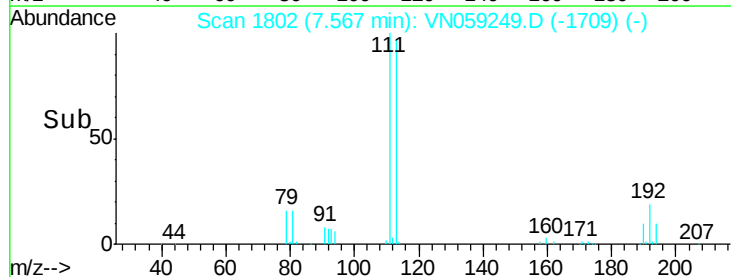
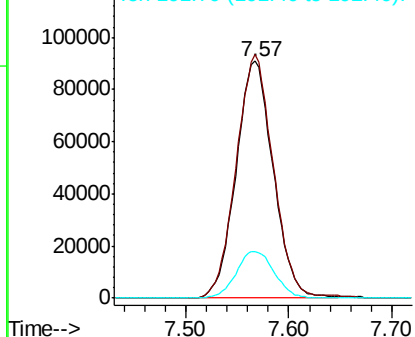


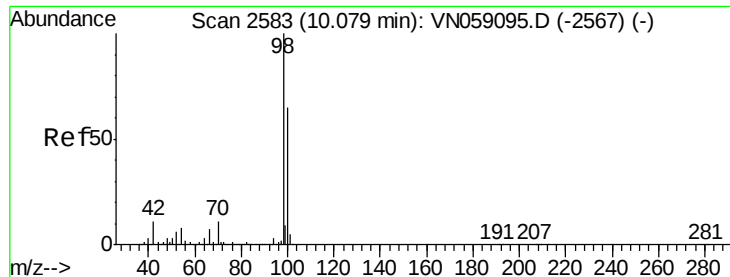
#35
Dibromofluoromethane
Concen: 52.417 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059249.D
Acq: 15 Nov 2019 9:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	20.2	16.1	24.1



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: 51.300 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059249.D

Acq: 15 Nov 2019 9:06

Instrument :

MSVOA_N

ClientSampled :

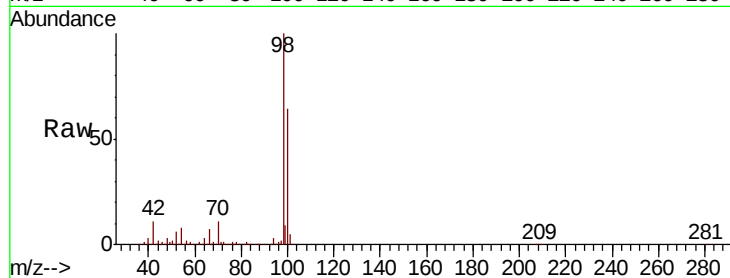
VN1115MBL01

Tot Ion: 98 Resp: 878760

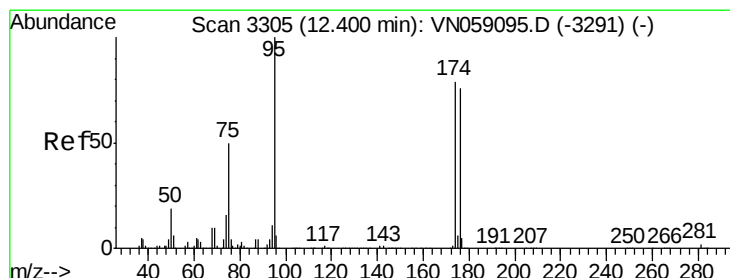
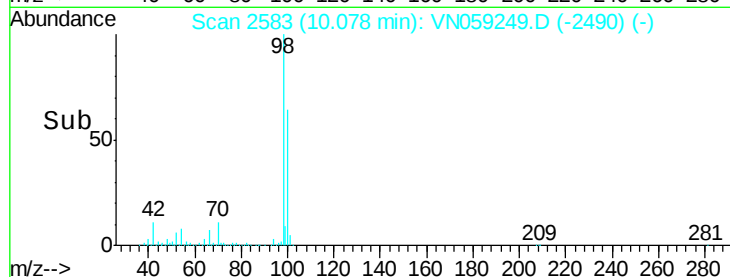
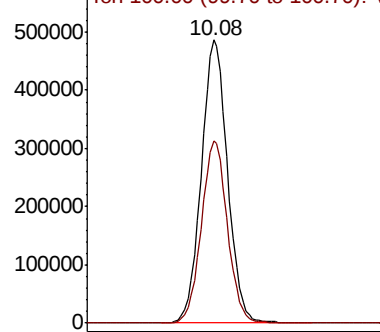
Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059249.D (-2490) (-)



#62

4-Bromofluorobenzene

Concen: 44.212 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059249.D

Acq: 15 Nov 2019 9:06

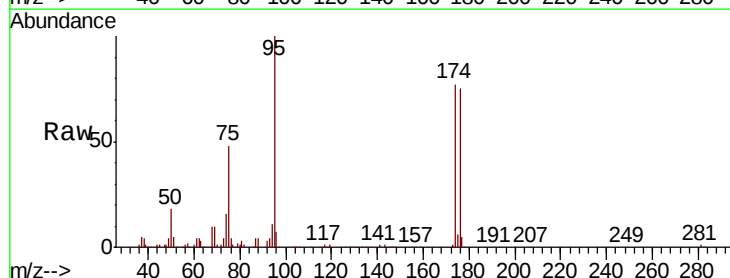
Tgt Ion: 95 Resp: 273067

Ion Ratio Lower Upper

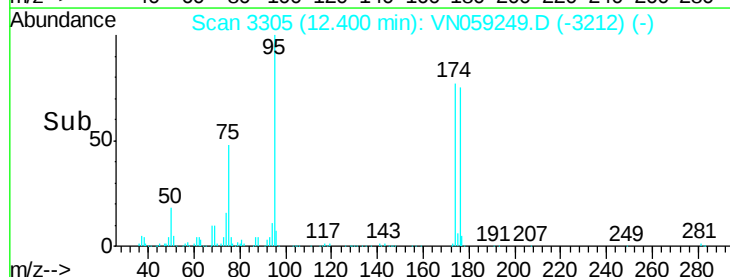
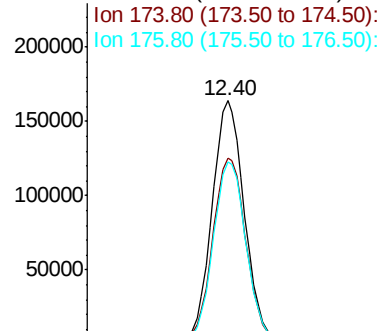
95 100

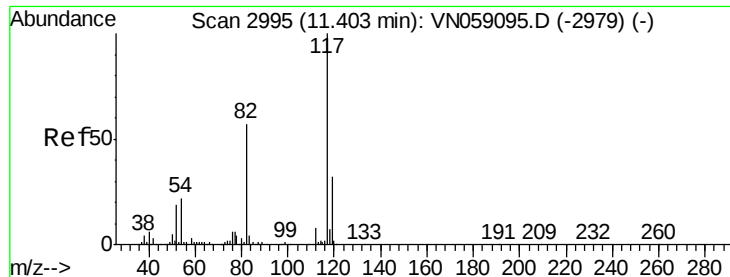
174 79.2 0.0 158.2

176 76.9 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059249.D (-3212) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059249.D

Acq: 15 Nov 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VN1115MBL01

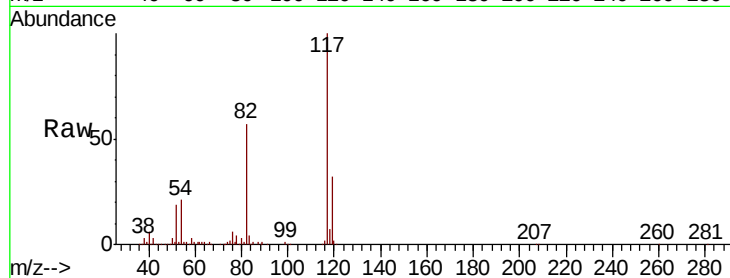
Tot Ion:117 Resp: 625254

Ion Ratio Lower Upper

117 100

82 56.9 45.8 68.8

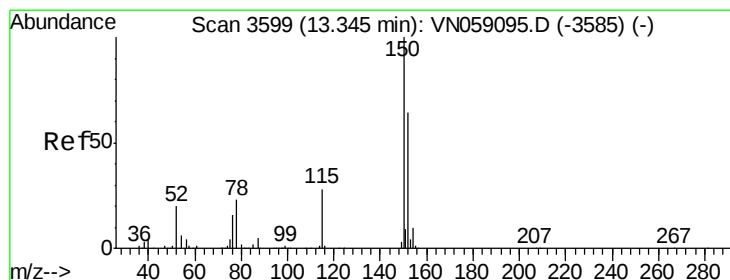
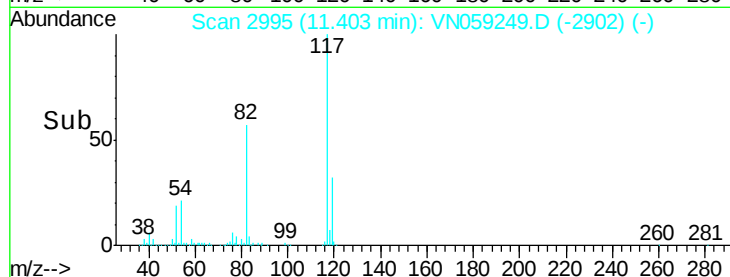
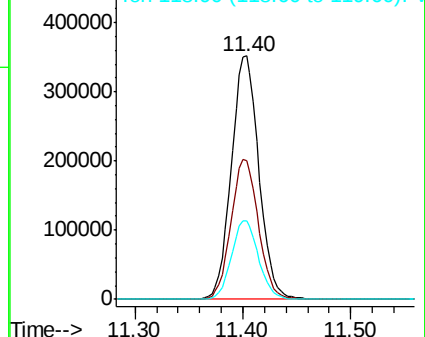
119 32.3 25.8 38.6



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: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059249.D

Acq: 15 Nov 2019 9:06

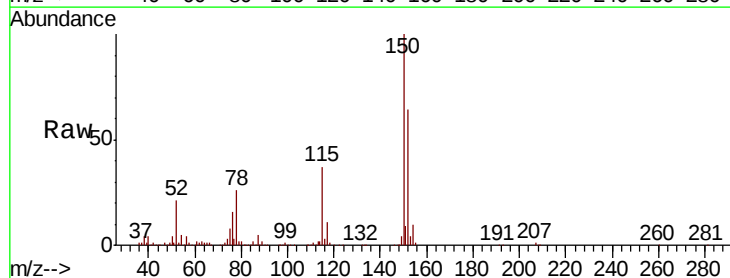
Tgt Ion:152 Resp: 226108

Ion Ratio Lower Upper

152 100

115 58.9 29.4 88.2

150 157.3 0.0 345.8



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

