

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059177.D
 Acq On : 12 Nov 2019 10:20
 Operator : JC/SP
 Sample : VN1112WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBL01

Quant Time: Nov 13 05:50:26 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	415051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	651251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	565851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	196510	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	278486	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
35) Dibromofluoromethane	7.57	113	213306	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
50) Toluene-d8	10.08	98	801757	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.40	95	247724	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	

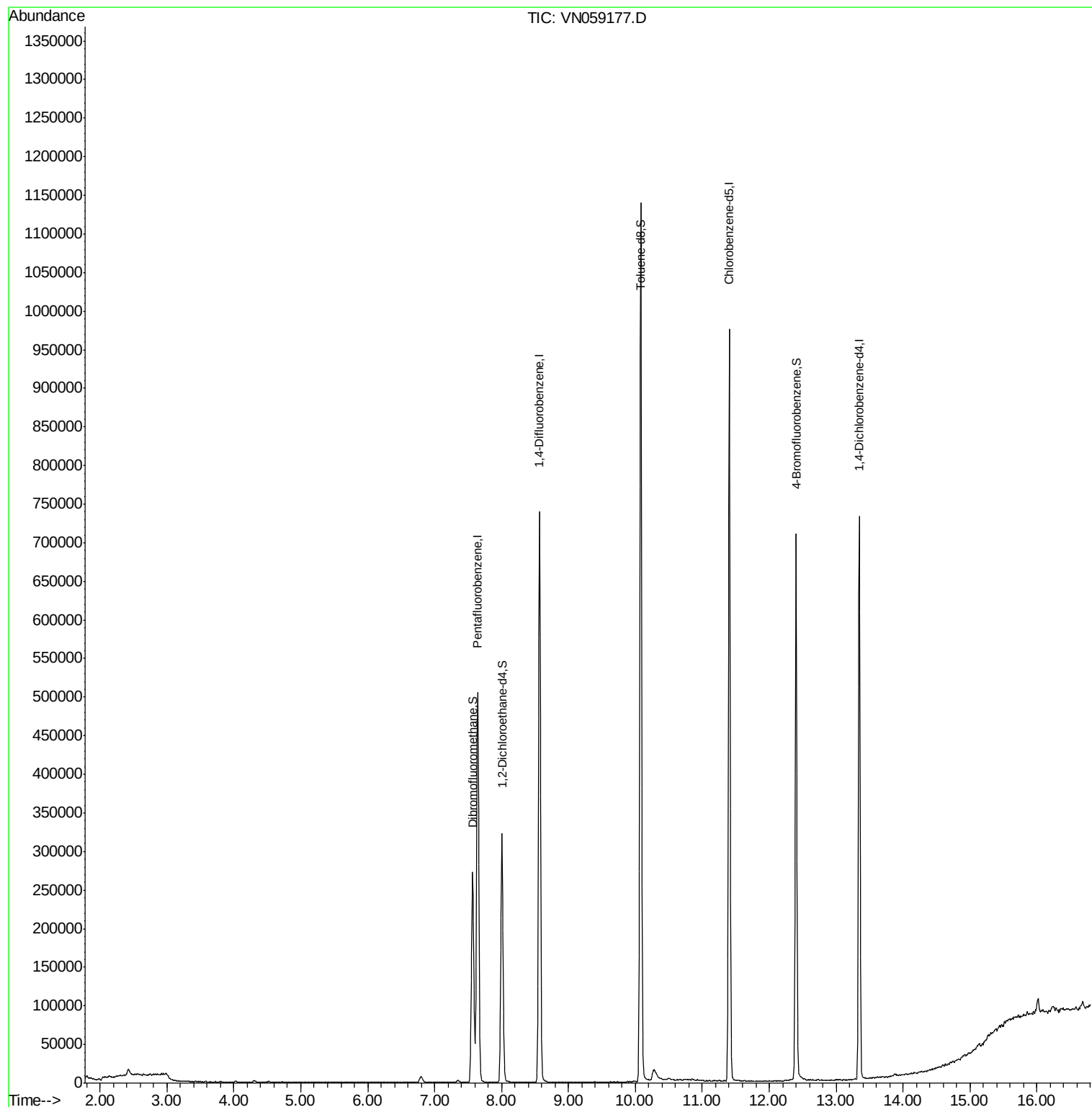
Target Compounds	Qvalue

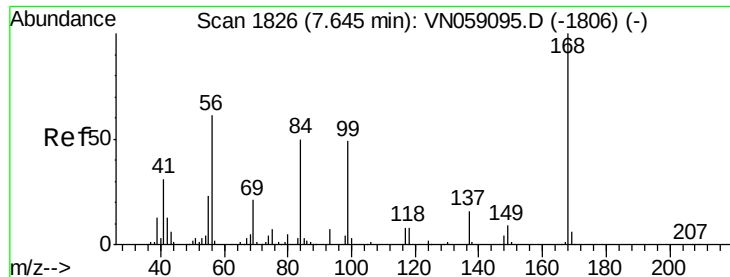
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059177.D

Acq: 12 Nov 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

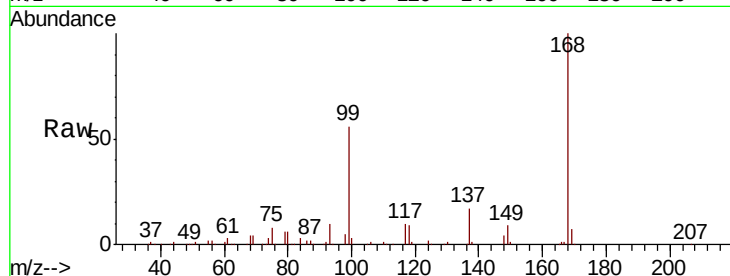
VN1112WBL01

Tot Ion:168 Resp: 415051

Ion Ratio Lower Upper

168 100

99 56.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNC

7.64

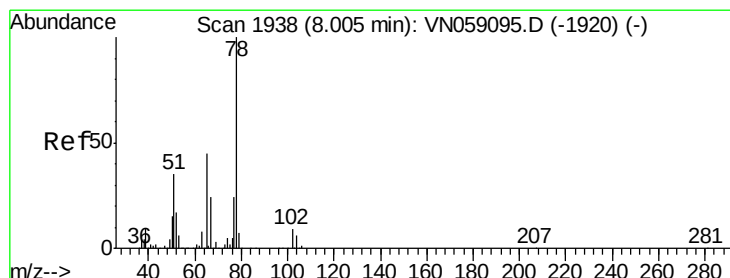
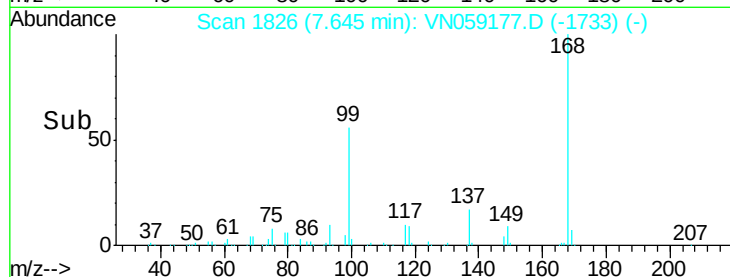
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 54.583 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059177.D

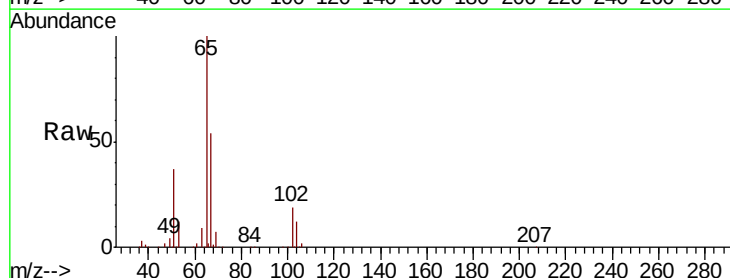
Acq: 12 Nov 2019 10:20

Tgt Ion: 65 Resp: 278486

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

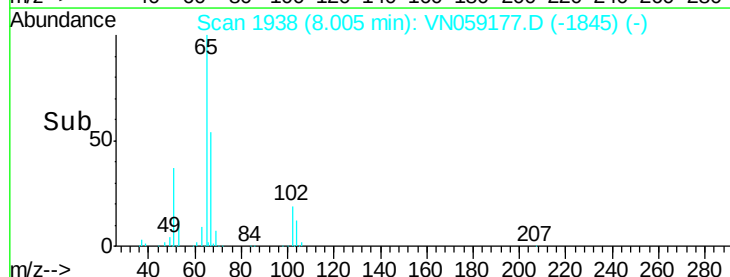
8.00

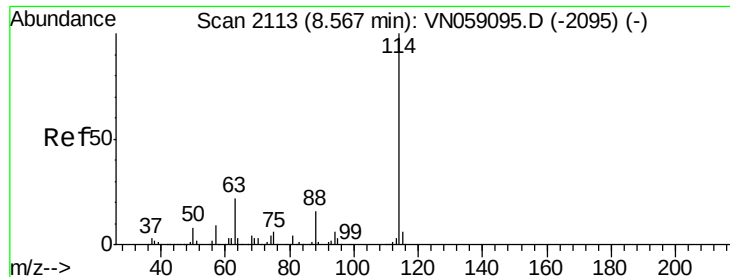
100000

50000

0

Time--> 7.90 8.00 8.10

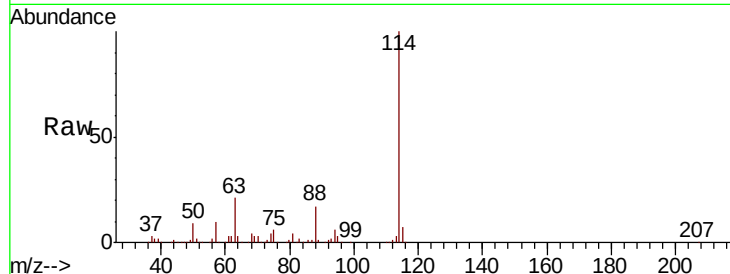




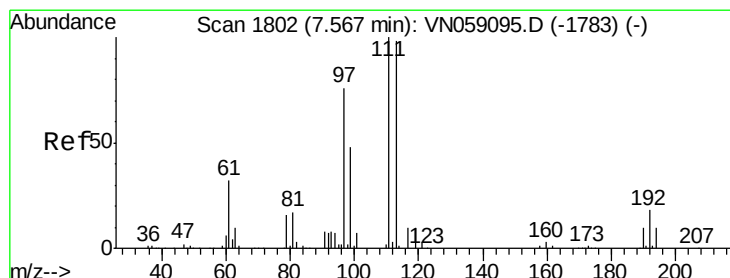
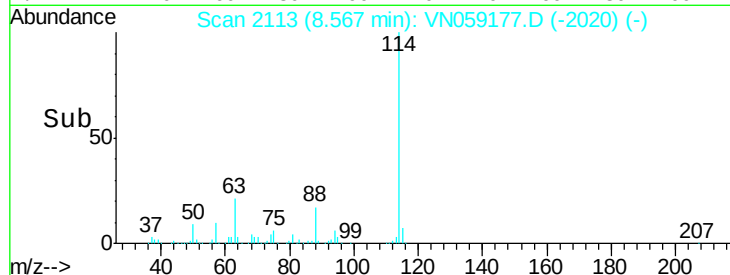
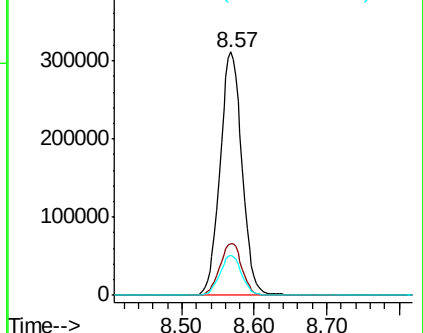
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059177.D
 Acq: 12 Nov 2019 10:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.4
88	16.5	0.0	32.2

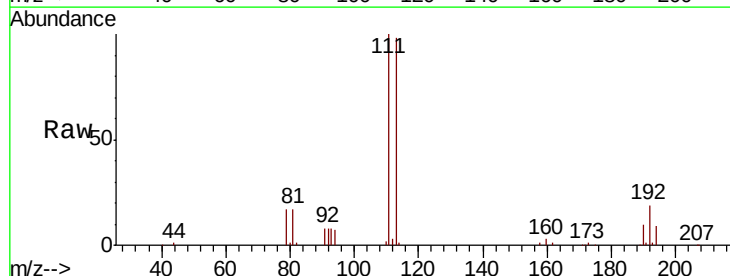


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

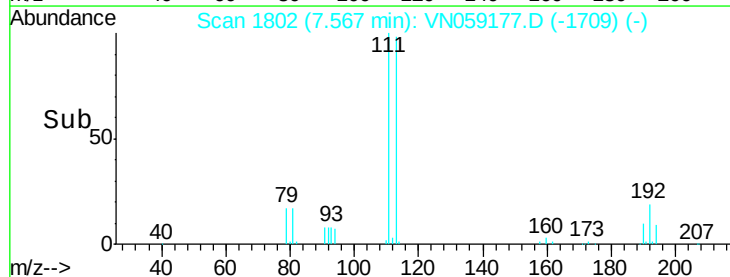
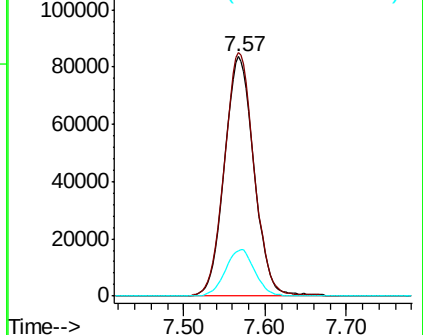


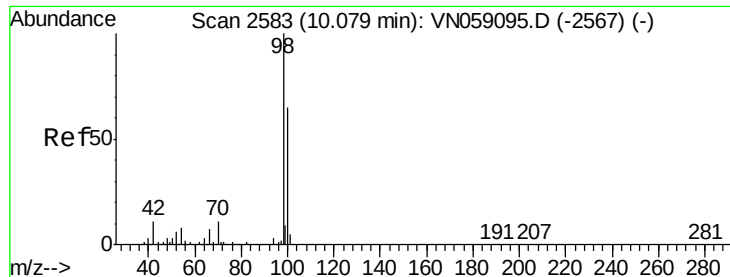
#35
 Dibromofluoromethane
 Concen: 54.854 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059177.D
 Acq: 12 Nov 2019 10:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.8	124.2
192	19.4	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: 52.345 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059177.D

Acq: 12 Nov 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

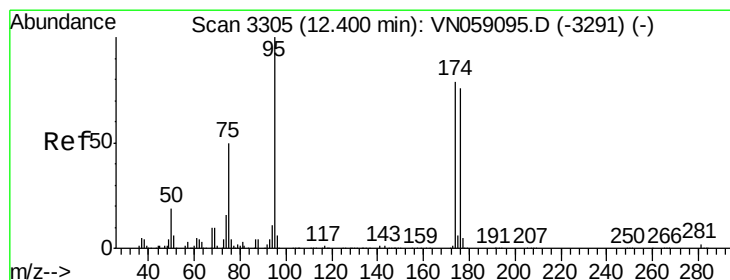
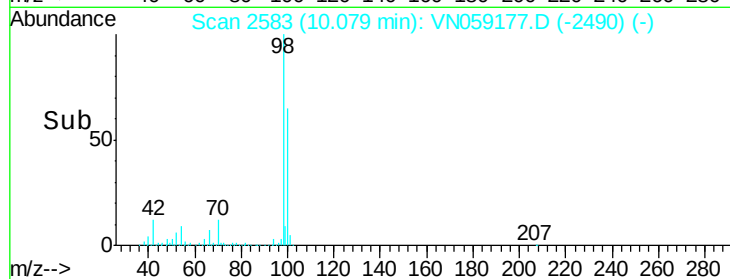
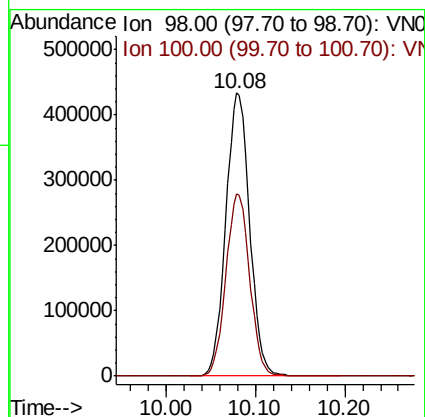
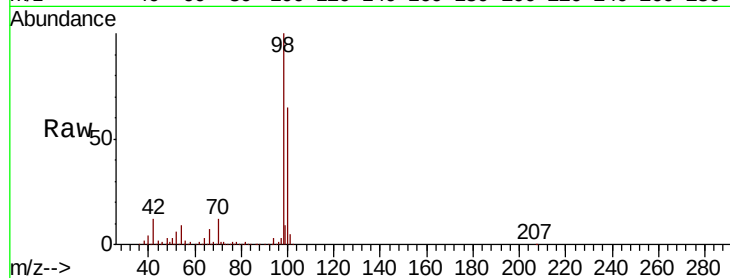
VN1112WBL01

Tot Ion: 98 Resp: 801757

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 44.856 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059177.D

Acq: 12 Nov 2019 10:20

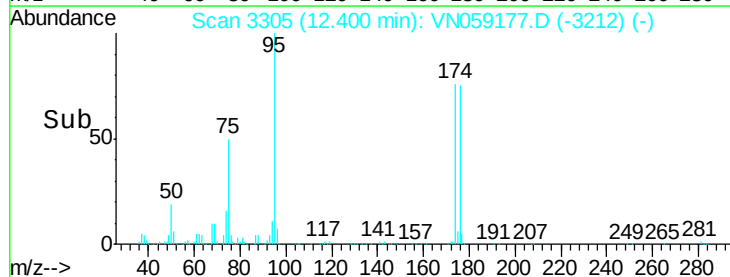
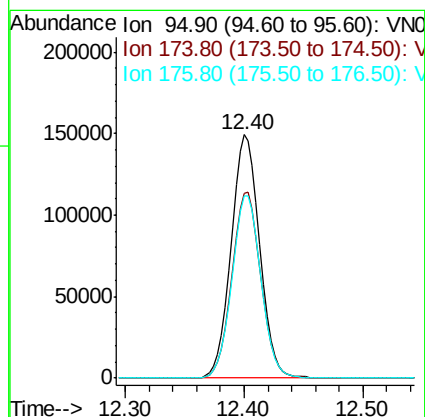
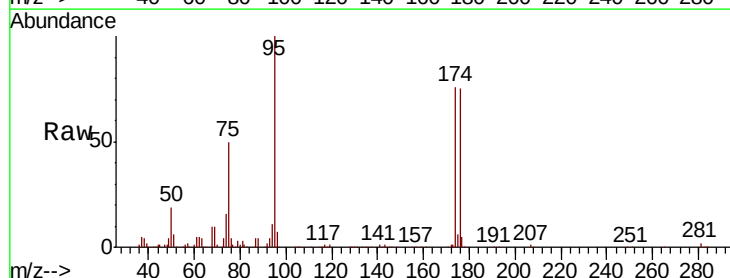
Tgt Ion: 95 Resp: 247724

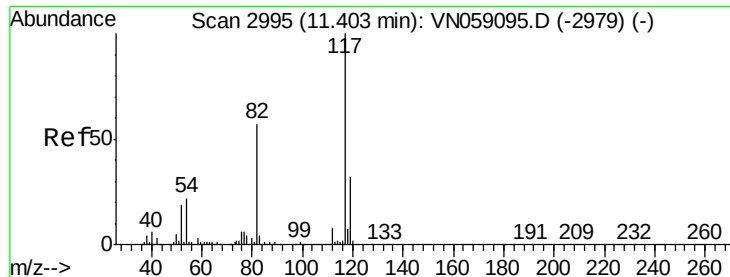
Ion Ratio Lower Upper

95 100

174 77.3 0.0 158.2

176 76.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059177.D

Acq: 12 Nov 2019 10:20

Instrument :

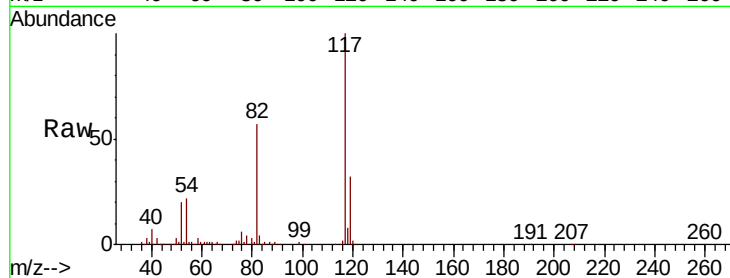
MSVOA_N

ClientSampleId :

VN1112WBL01

Tot Ion:117 Resp: 565851

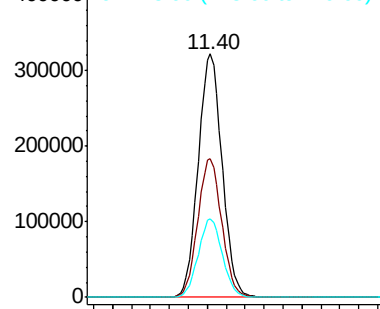
Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.8	68.8
119	32.3	25.8	38.6



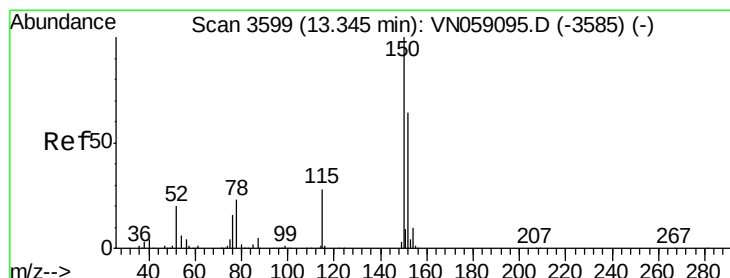
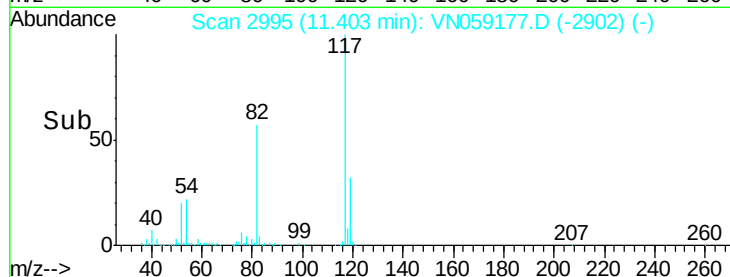
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

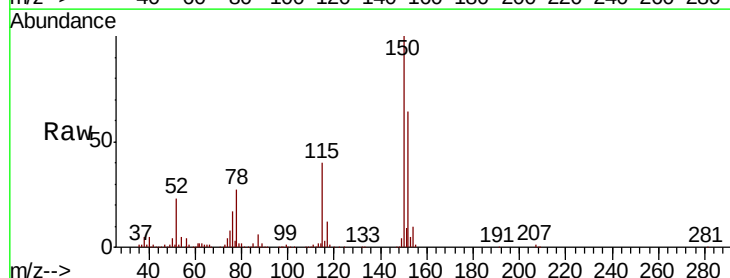
Delta R.T. 0.00 min

Lab File: VN059177.D

Acq: 12 Nov 2019 10:20

Tgt Ion:152 Resp: 196510

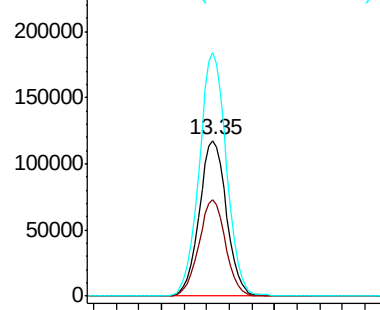
Ion	Ratio	Lower	Upper
152	100		
115	60.7	29.4	88.2
150	156.6	0.0	345.8



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



Time--> 13.30 13.40

