

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054600.D
 Acq On : 23 Mar 2019 13:14
 Operator : JC/SP
 Sample : K2020-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-190318

Quant Time: Mar 25 04:03:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	664539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	983079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	809537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	269279	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	427872	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	7.59	113	332214	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	10.09	98	1258954	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
62) 4-Bromofluorobenzene	12.40	95	376273	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	

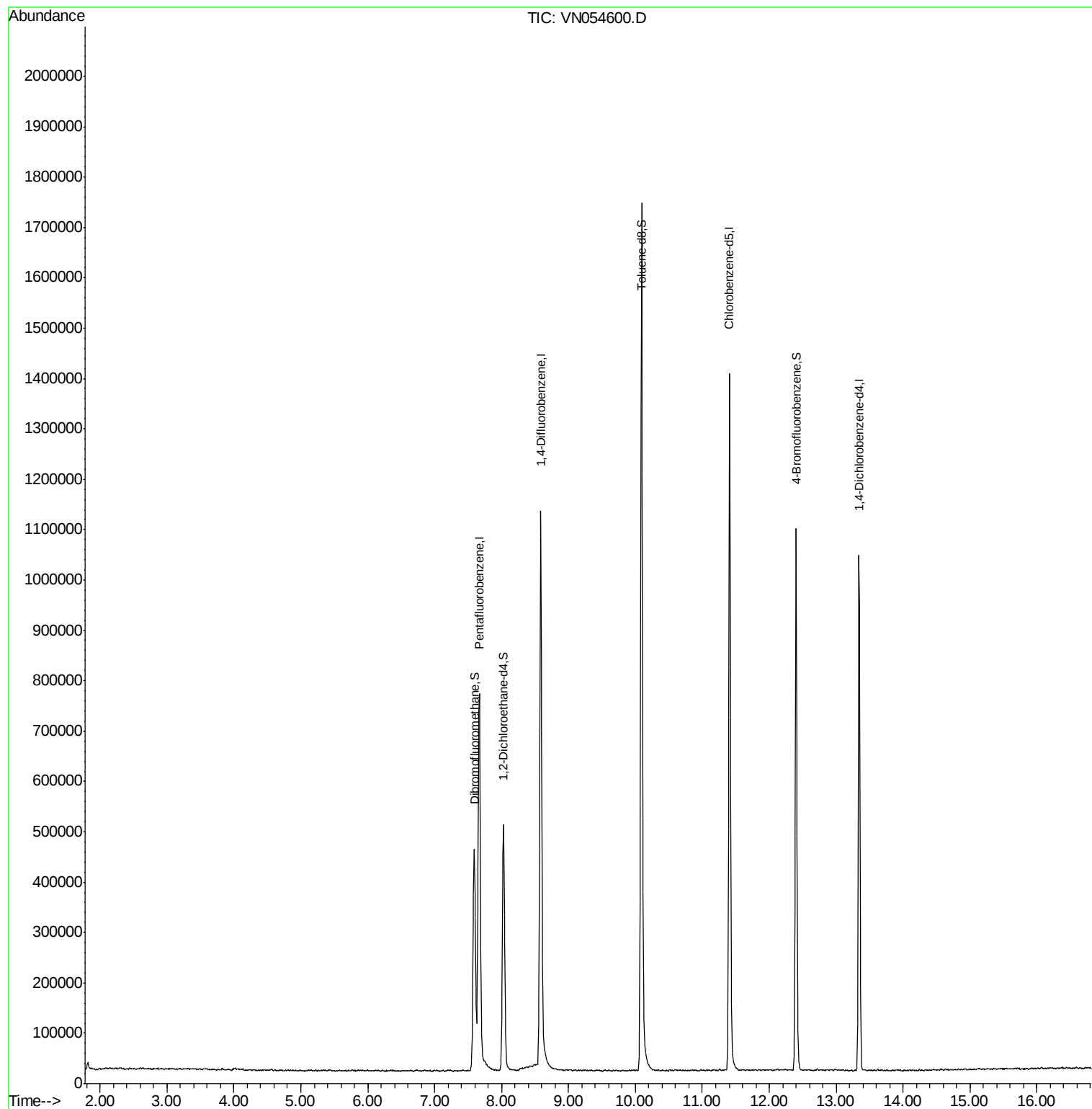
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054600.D

Acq: 23 Mar 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

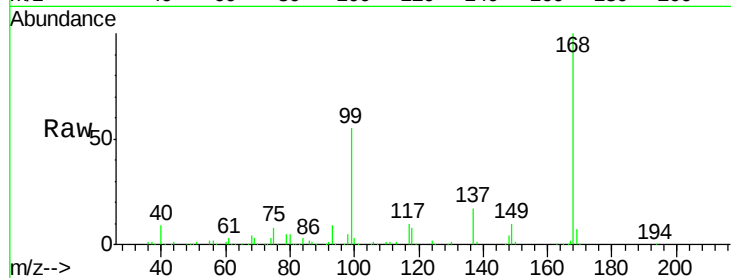
TB-01-190318

Tot Ion:168 Resp: 664539

Ion Ratio Lower Upper

168 100

99 54.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054459.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054459.D (-1813) (-)

7.67

250000

200000

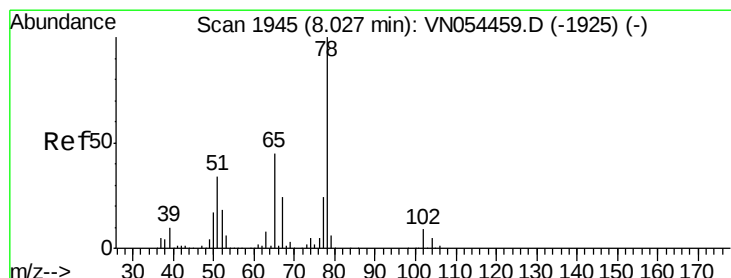
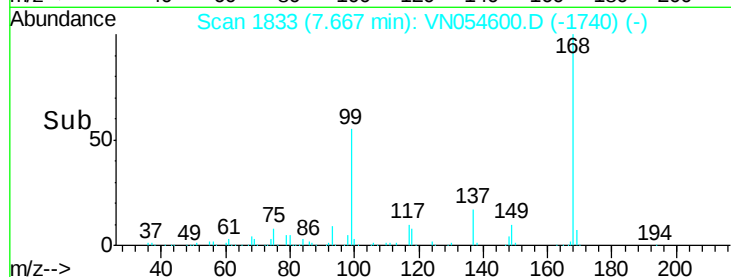
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.764 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054600.D

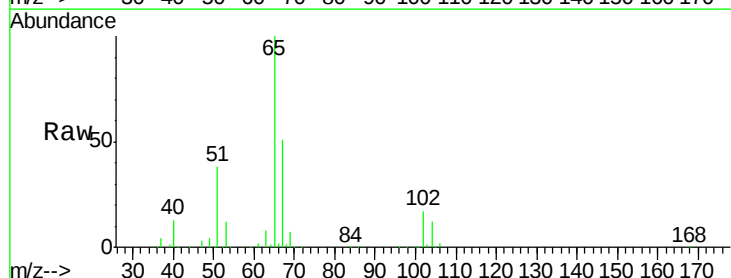
Acq: 23 Mar 2019 13:14

Tgt Ion: 65 Resp: 427872

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054459.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN054459.D (-1925) (-)

8.03

200000

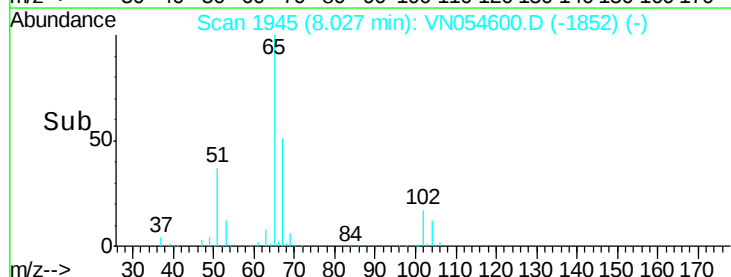
150000

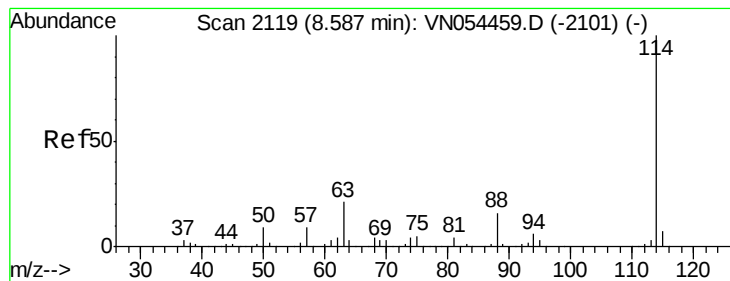
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054600.D

Acq: 23 Mar 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

TB-01-190318

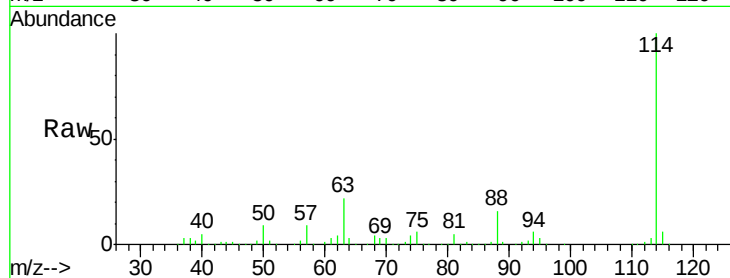
Tot Ion:114 Resp: 983079

Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.2

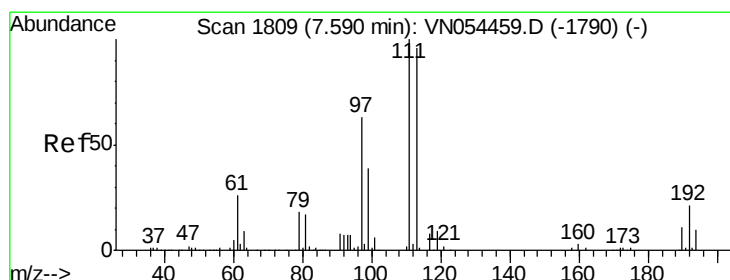
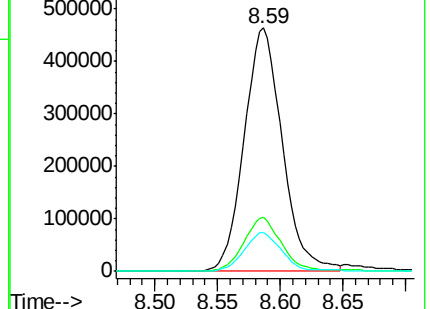
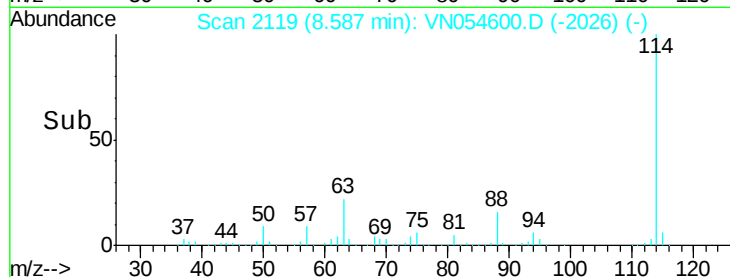
88 15.9 0.0 30.2



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: 52.454 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054600.D

Acq: 23 Mar 2019 13:14

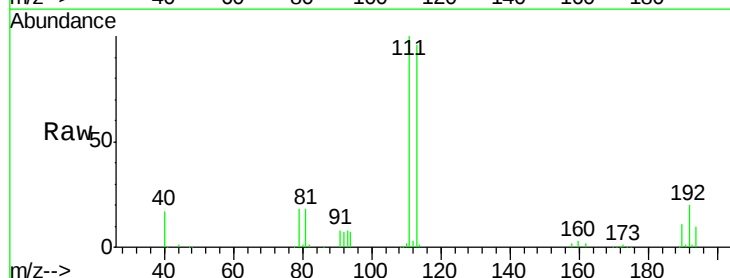
Tgt Ion:113 Resp: 332214

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

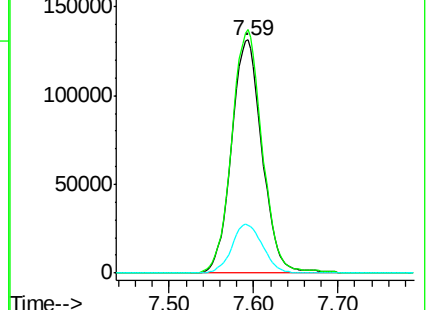
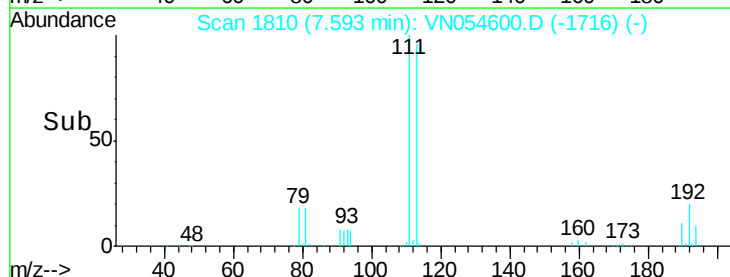
192 21.1 19.2 28.8

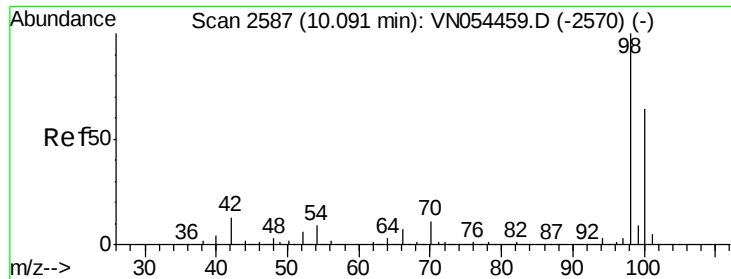


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.875 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054600.D

Acq: 23 Mar 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

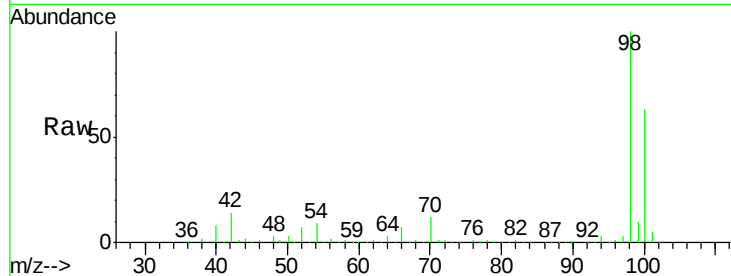
TB-01-190318

Tot Ion: 98 Resp: 1258954

Ion Ratio Lower Upper

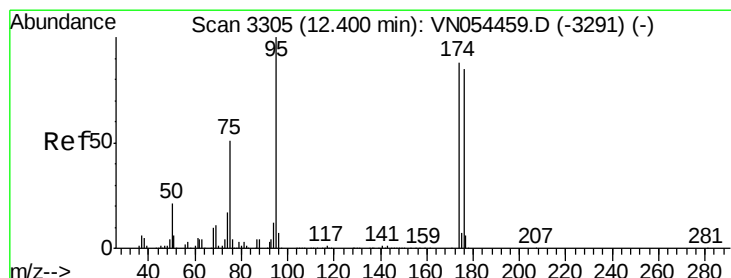
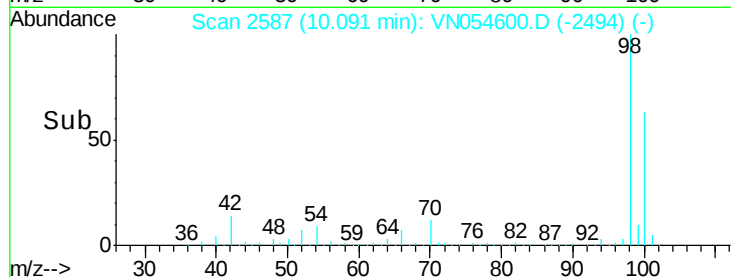
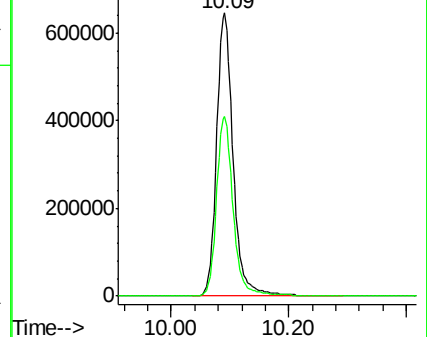
98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 46.441 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054600.D

Acq: 23 Mar 2019 13:14

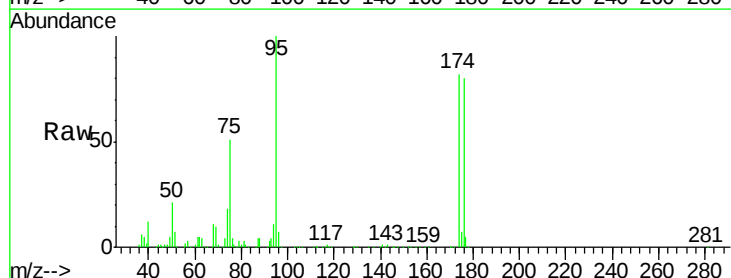
Tgt Ion: 95 Resp: 376273

Ion Ratio Lower Upper

95 100

174 82.7 0.0 191.0

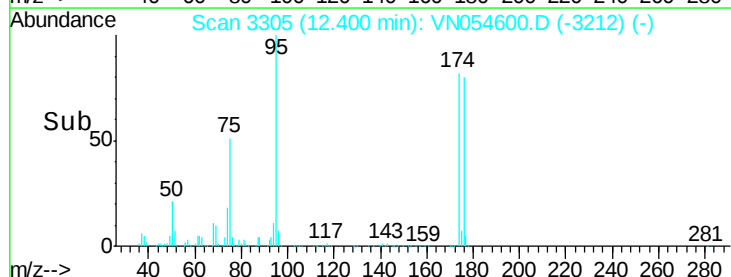
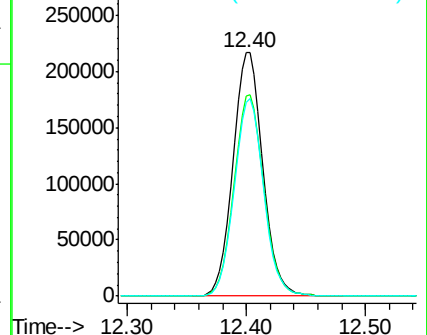
176 80.0 0.0 187.4

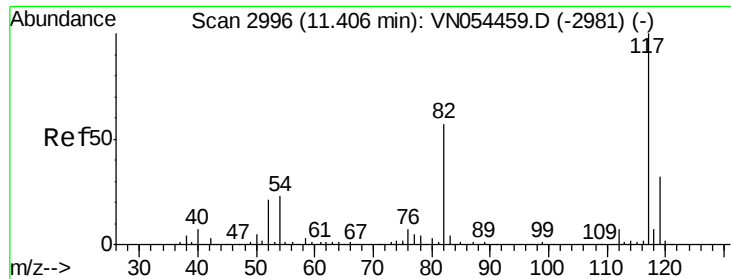


Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)

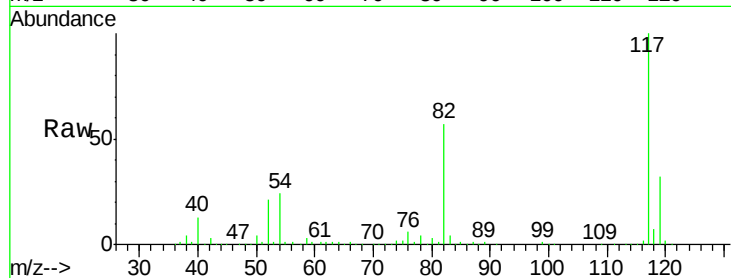




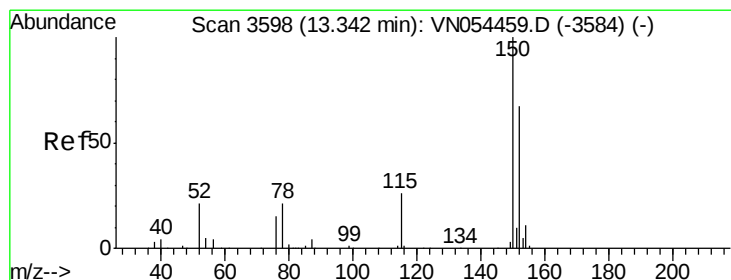
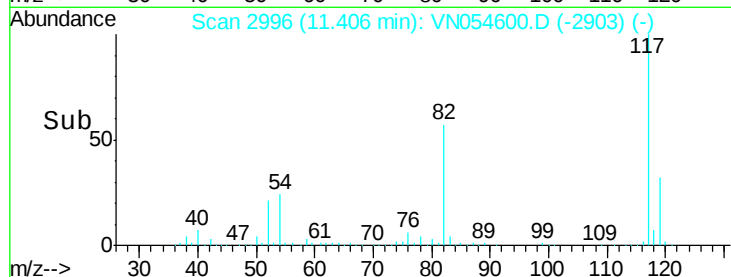
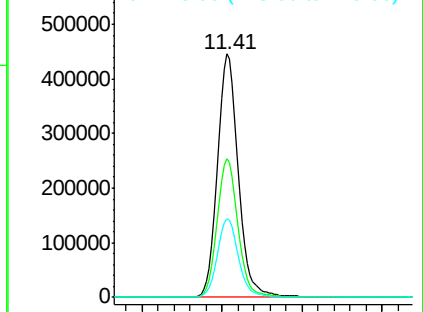
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054600.D
Acq: 23 Mar 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
TB-01-190318

Tot Ion:117 Resp: 809537
Ion Ratio Lower Upper
117 100
82 57.1 40.0 60.0
119 32.2 25.8 38.6

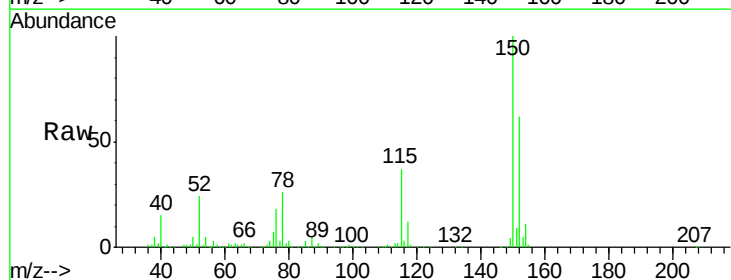


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054600.D
Acq: 23 Mar 2019 13:14

Tgt Ion:152 Resp: 269279
Ion Ratio Lower Upper
152 100
115 59.2 27.2 81.6
150 160.2 0.0 349.2



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

