

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056103.D
 Acq On : 7 Jun 2019 17:14
 Operator : JC/SP
 Sample : K3214-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Jun 08 06:28:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	318342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	482347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	454388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142868	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	170605	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
35) Dibromofluoromethane	7.59	113	148673	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.09	98	617718	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
62) 4-Bromofluorobenzene	12.40	95	190527	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

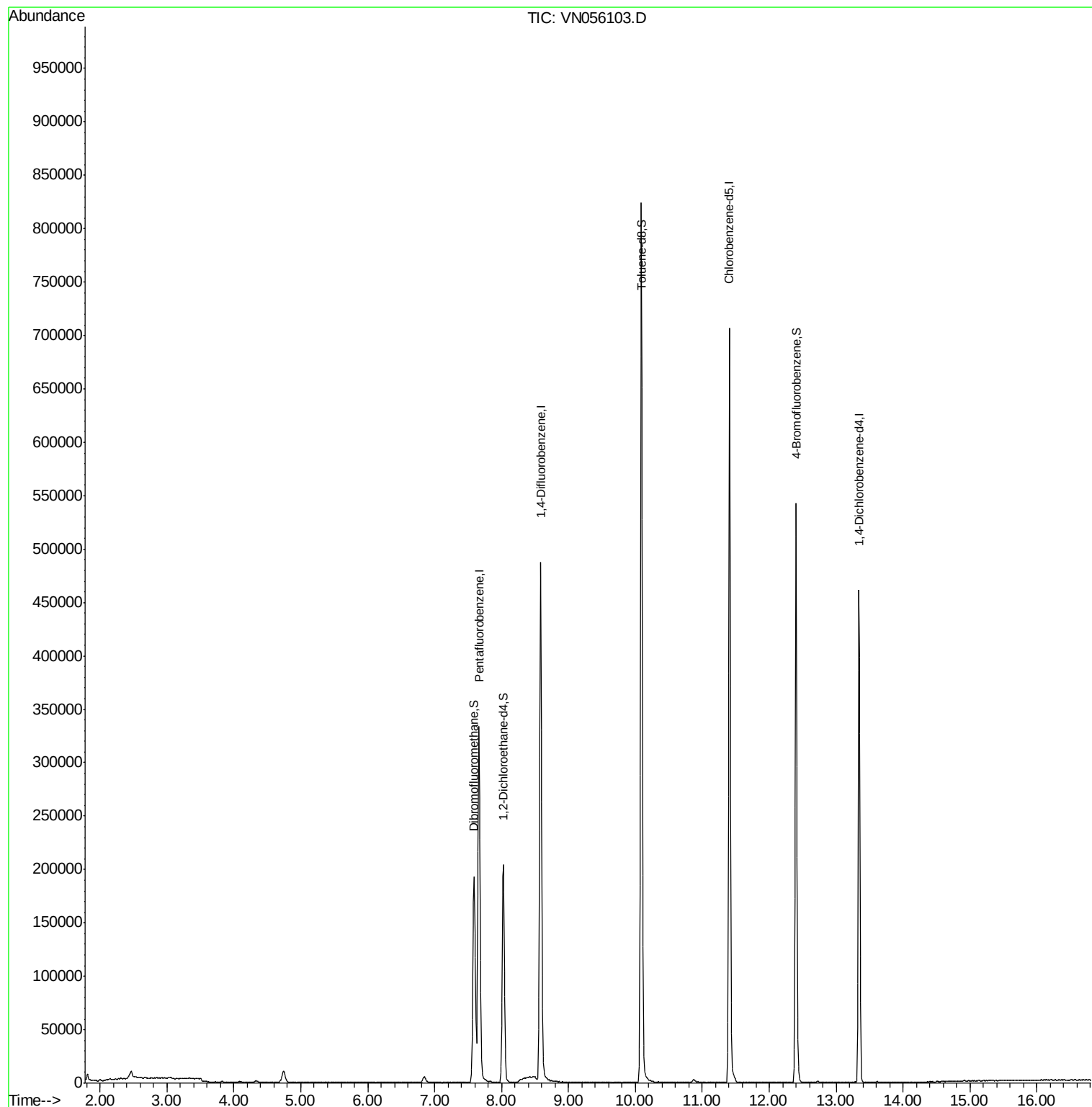
Target Compounds	Qvalue

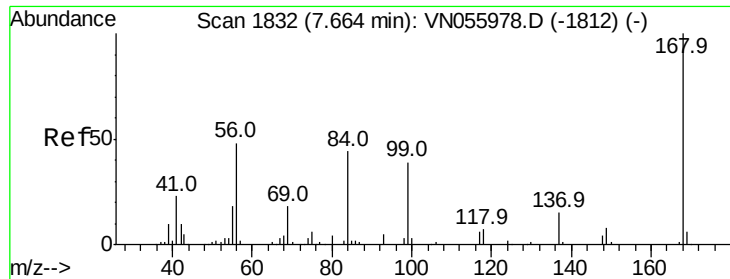
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 04 11:02:09 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056103.D

Acq: 7 Jun 2019 17:14

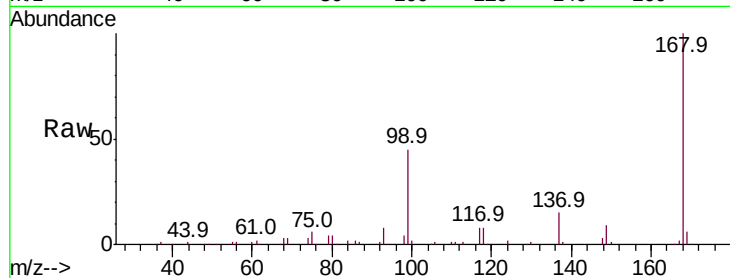
Instrument :
MSVOA_N
ClientSampled :
TB

Tot Ion:168 Resp: 318342

Ion Ratio Lower Upper

168 100

99 45.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

100000

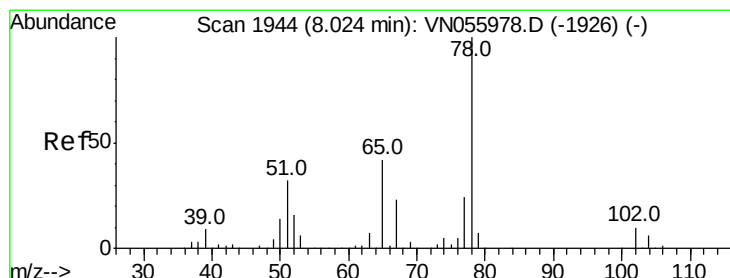
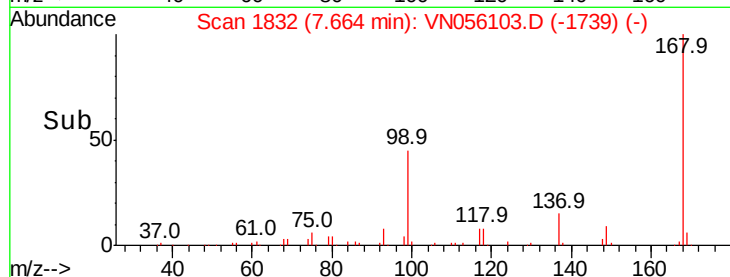
50000

0

Time-->

7.60

7.70



#33

1,2-Dichloroethane-d4

Concen: 53.974 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056103.D

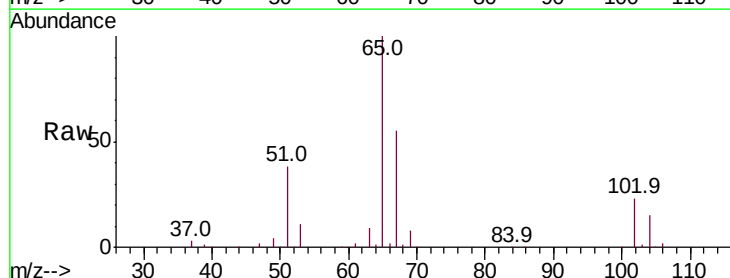
Acq: 7 Jun 2019 17:14

Tgt Ion: 65 Resp: 170605

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

80000

60000

40000

20000

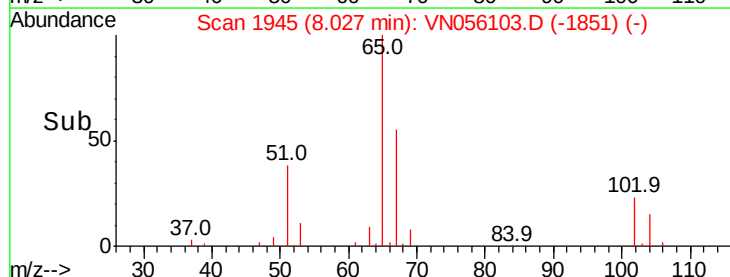
0

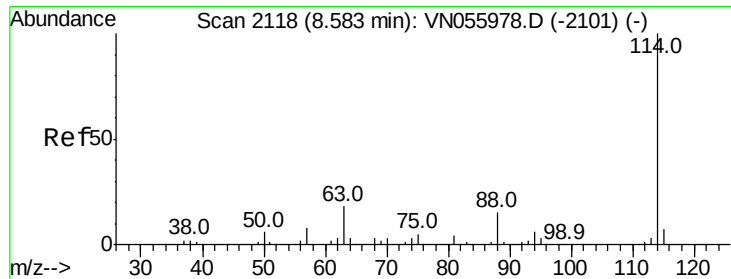
Time-->

7.90

8.00

8.10

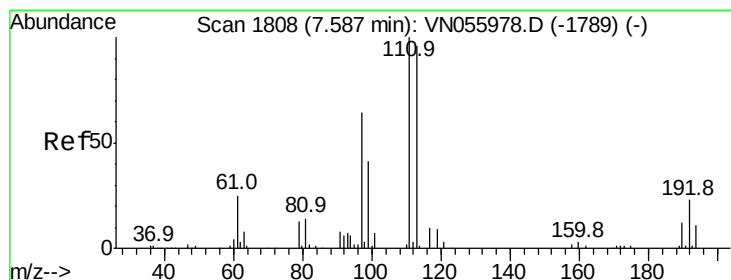
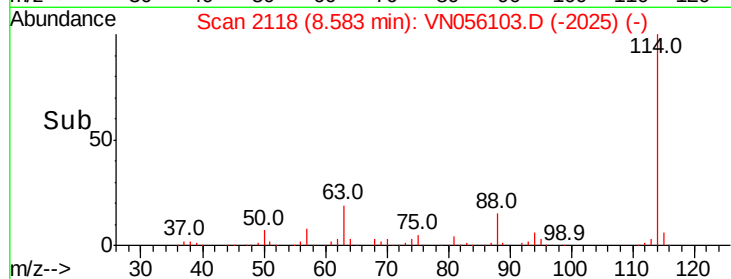
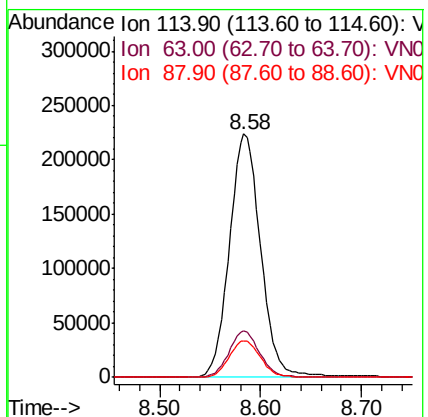
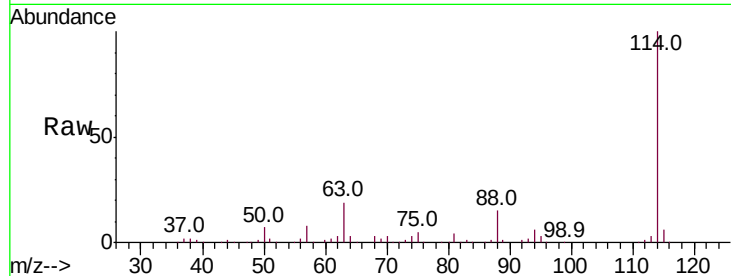




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056103.D
 Acq: 7 Jun 2019 17:14

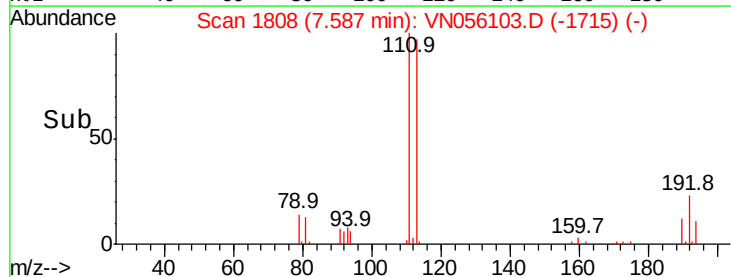
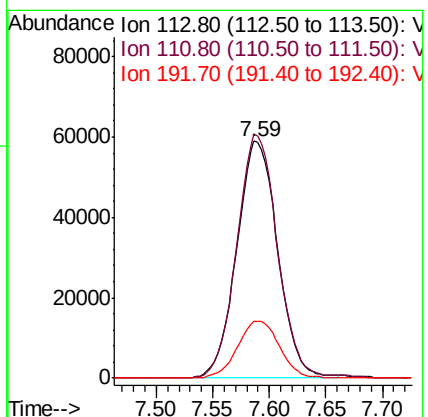
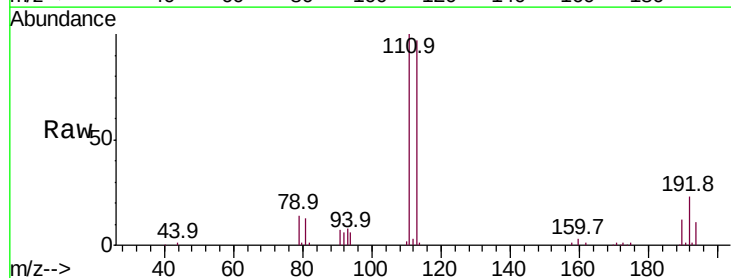
Instrument :
 MSVOA_N
 ClientSampleId :
 TB

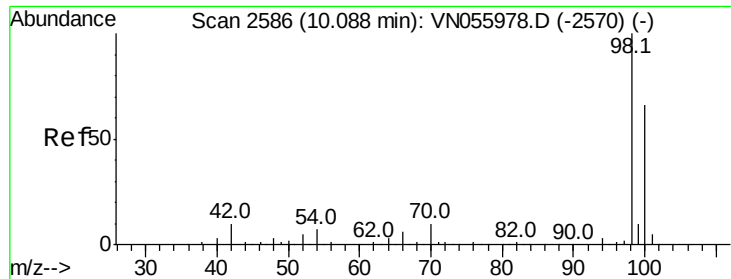
Tot Ion:114 Resp: 482347
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.0 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 50.238 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN056103.D
 Acq: 7 Jun 2019 17:14

Tgt Ion:113 Resp: 148673
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.9 122.9
 192 24.6 19.5 29.3





#50

Toluene-d8

Concen: 54.245 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056103.D

Acq: 7 Jun 2019 17:14

Instrument :

MSVOA_N

ClientSampled :

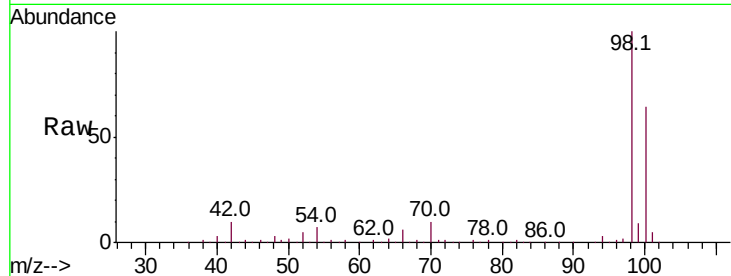
TB

Tot Ion: 98 Resp: 617718

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

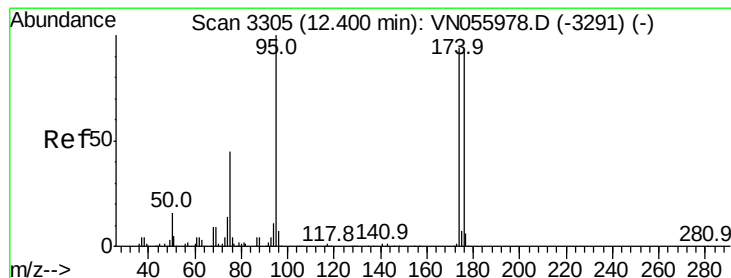
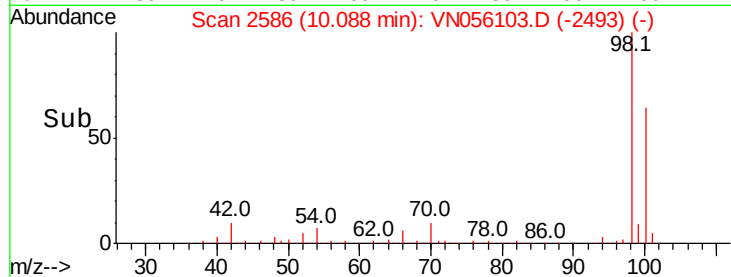
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.198 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056103.D

Acq: 7 Jun 2019 17:14

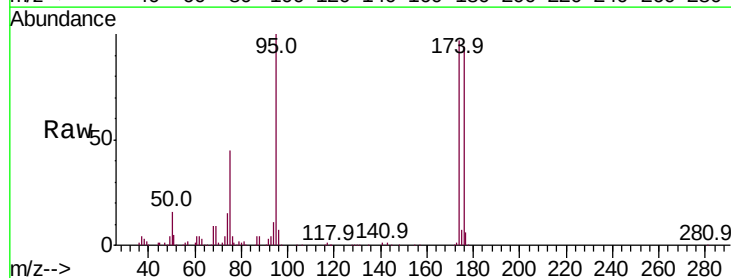
Tgt Ion: 95 Resp: 190527

Ion Ratio Lower Upper

95 100

174 96.7 0.0 191.0

176 94.0 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

12.40

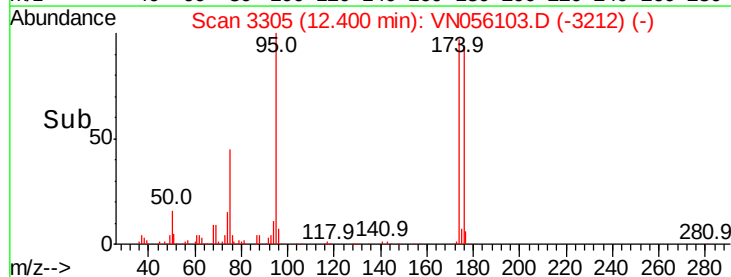
150000

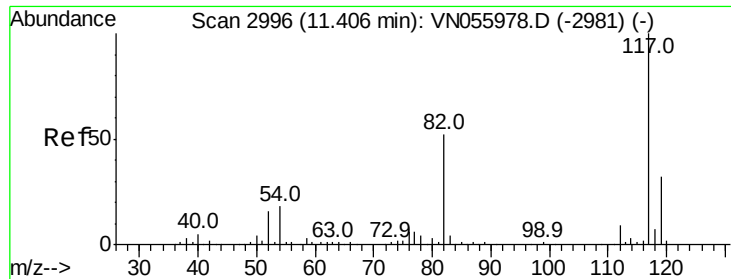
100000

50000

0

Time-->

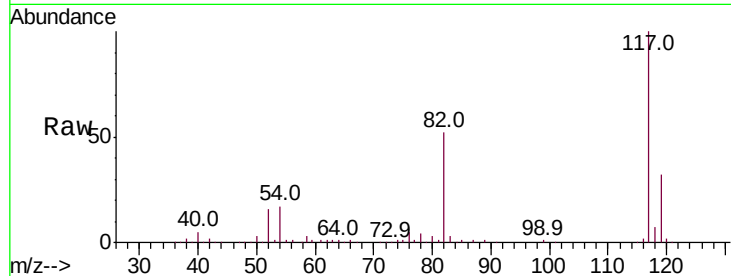




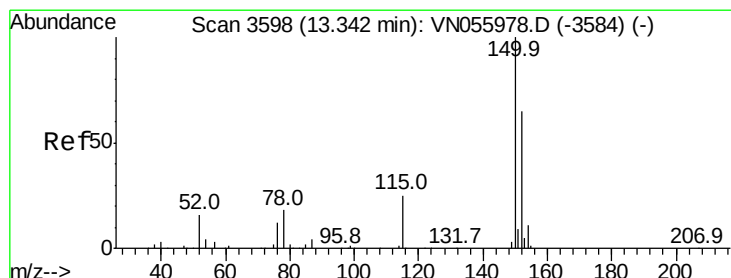
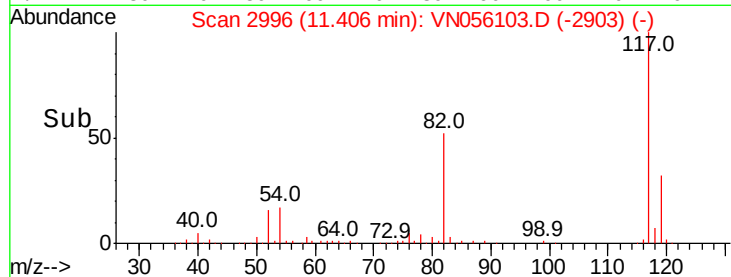
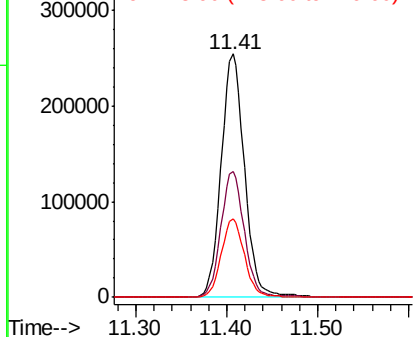
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056103.D
Acq: 7 Jun 2019 17:14

Instrument :
MSVOA_N
ClientSampleId :
TB

Tot Ion:117 Resp: 454388
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 32.3 25.4 38.0

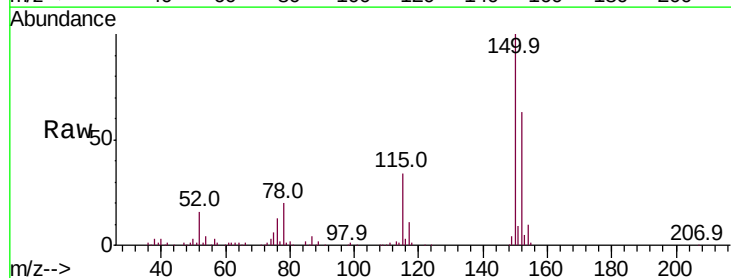


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056103.D
Acq: 7 Jun 2019 17:14

Tgt Ion:152 Resp: 142868
Ion Ratio Lower Upper
152 100
115 52.9 27.0 81.0
150 156.6 0.0 343.2



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

