

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056104.D
 Acq On : 7 Jun 2019 17:39
 Operator : JC/SP
 Sample : K3223-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z1-TB11-190605

Quant Time: Jun 08 06:30:11 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	334145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	501944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	470003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148136	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	169364	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	7.59	113	153189	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.09	98	629735	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.40	95	196286	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

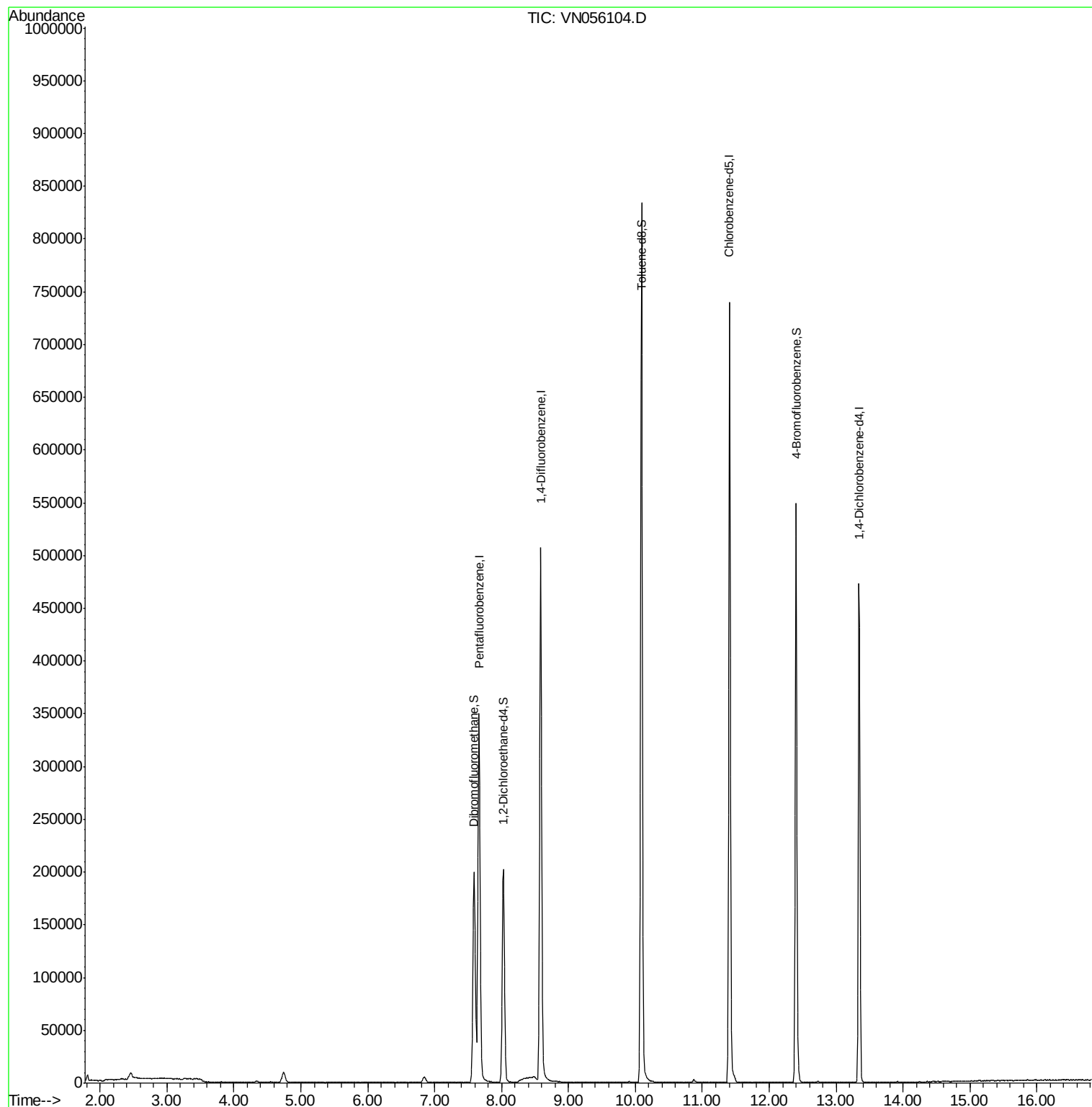
Target Compounds	Qvalue

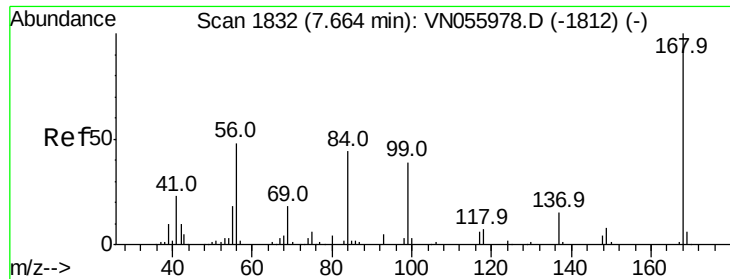
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060819\
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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: VN056104.D

Acq: 7 Jun 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

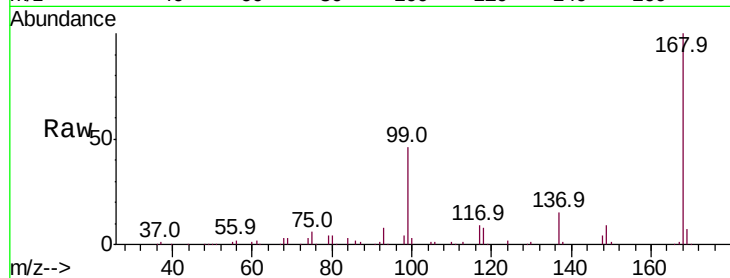
Z1-TB11-190605

Tot Ion:168 Resp: 334145

Ion Ratio Lower Upper

168 100

99 45.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

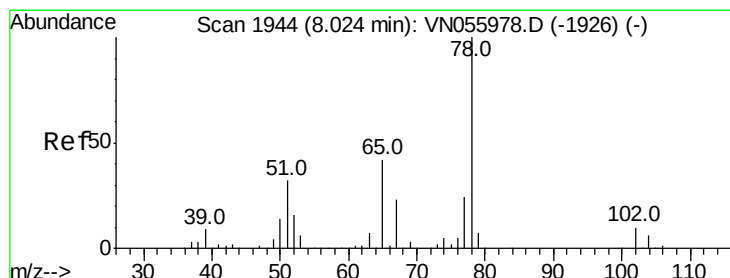
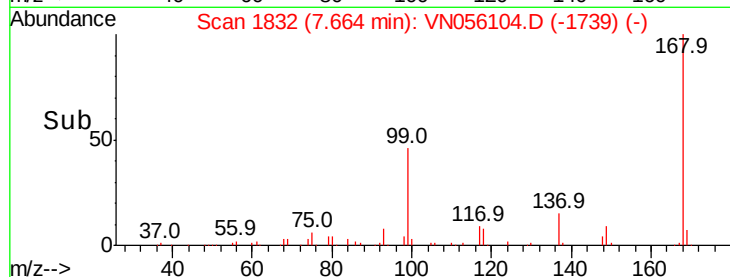
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.047 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056104.D

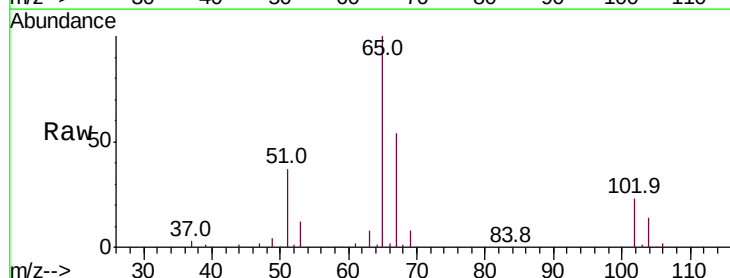
Acq: 7 Jun 2019 17:39

Tgt Ion: 65 Resp: 169364

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)

8.02

80000

60000

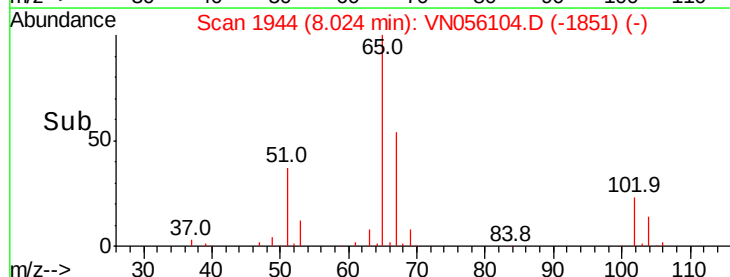
40000

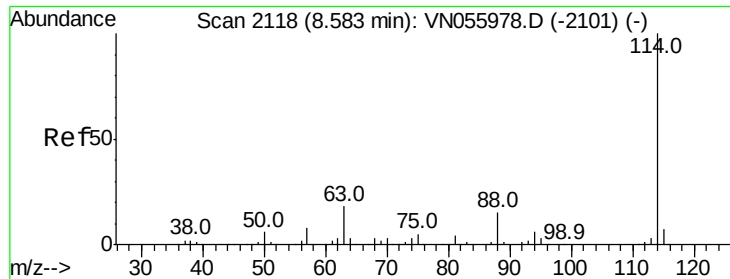
20000

0

7.90 8.00 8.10

Time-->

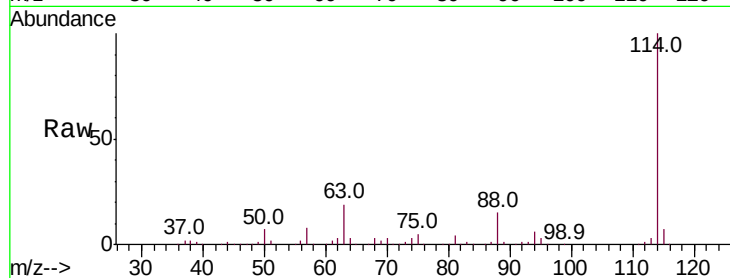




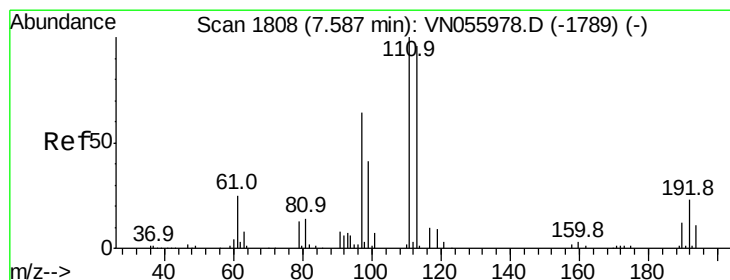
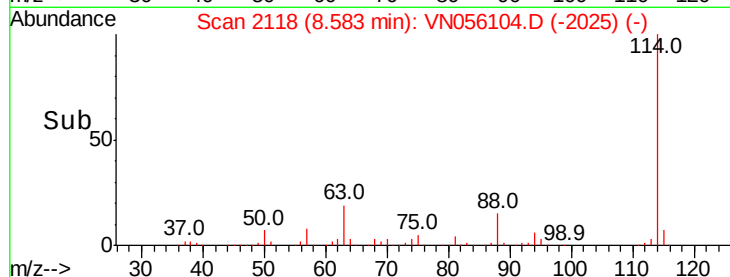
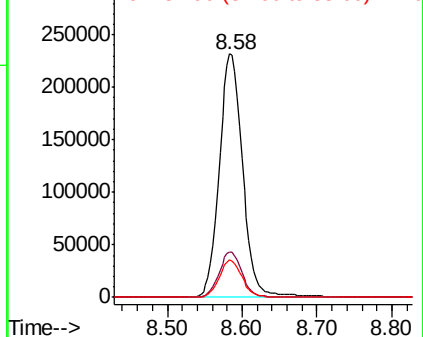
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056104.D
 Acq: 7 Jun 2019 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 Z1-TB11-190605

Tot Ion:114 Resp: 501944
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.2 0.0 31.0

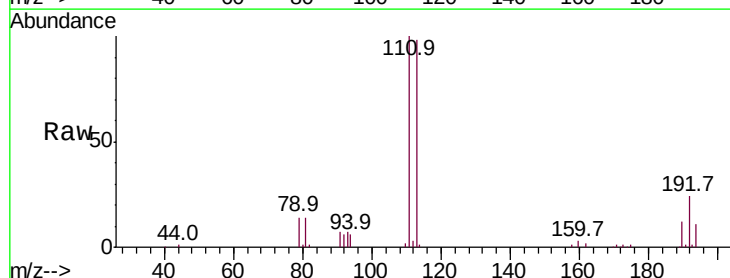


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

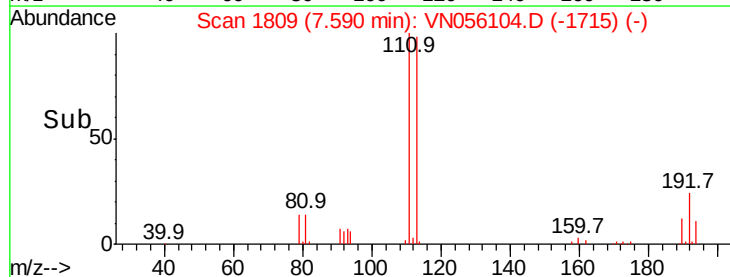
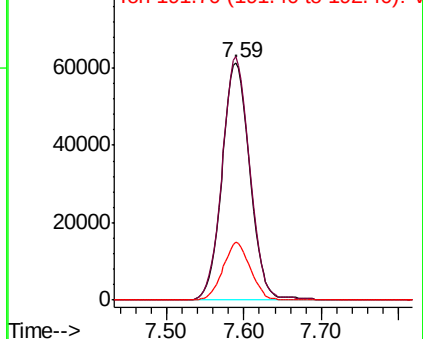


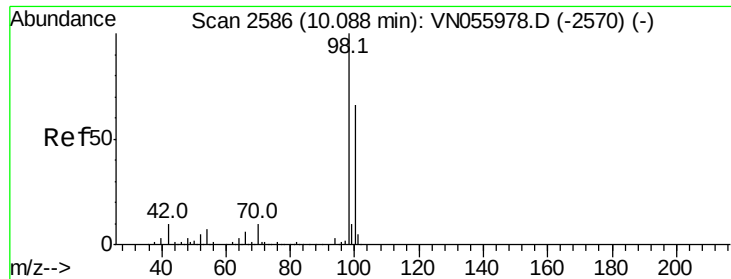
#35
 Dibromofluoromethane
 Concen: 49.743 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056104.D
 Acq: 7 Jun 2019 17:39

Tgt Ion:113 Resp: 153189
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.9 122.9
 192 23.9 19.5 29.3



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: 53.141 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056104.D

Acq: 7 Jun 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

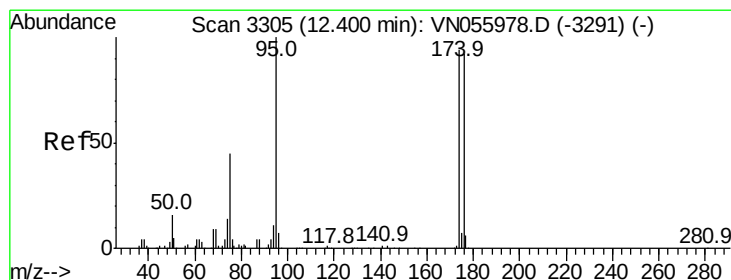
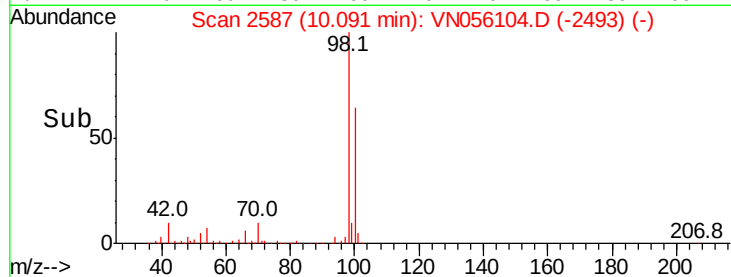
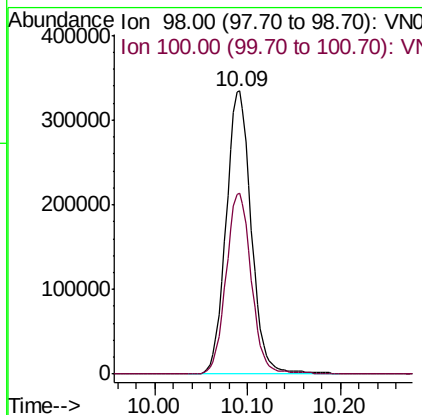
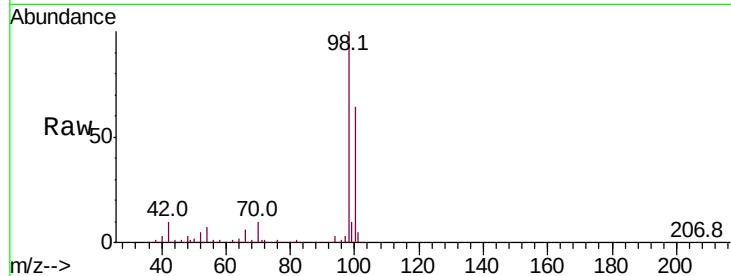
Z1-TB11-190605

Tot Ion: 98 Resp: 629735

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 48.706 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056104.D

Acq: 7 Jun 2019 17:39

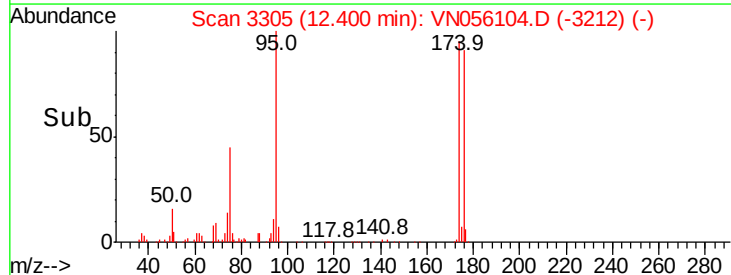
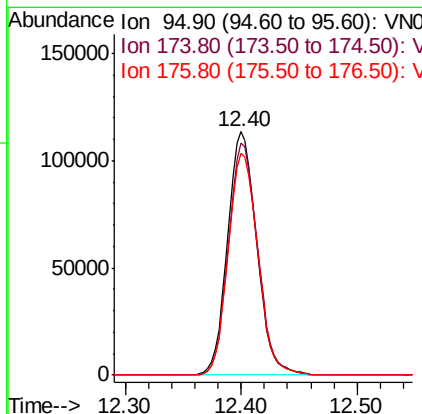
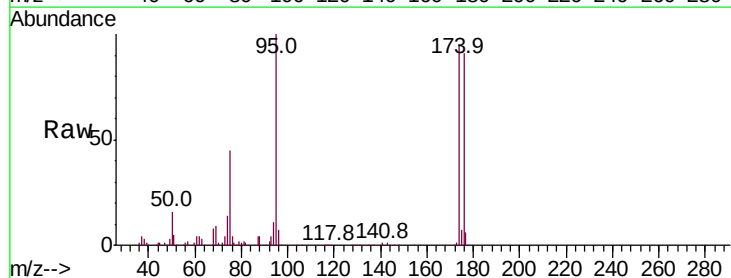
Tgt Ion: 95 Resp: 196286

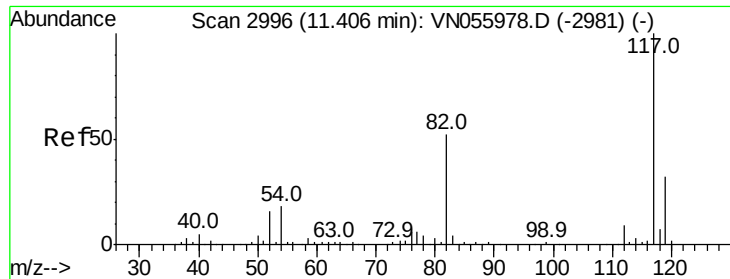
Ion Ratio Lower Upper

95 100

174 95.9 0.0 191.0

176 92.6 0.0 185.2

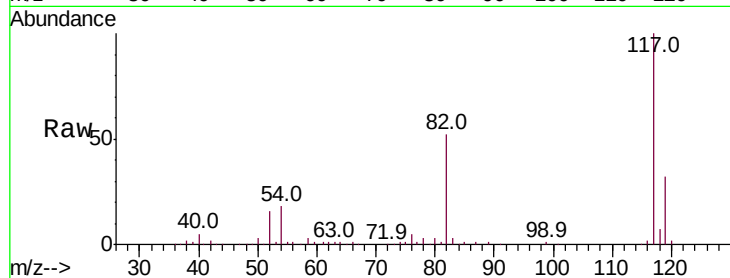




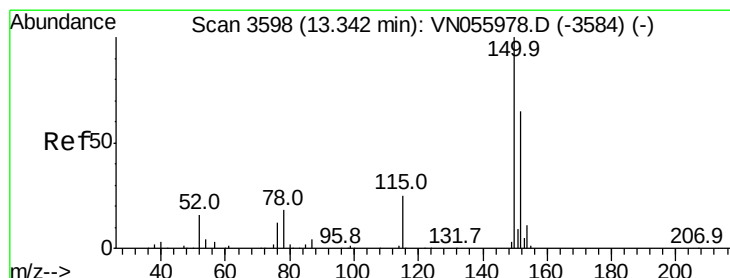
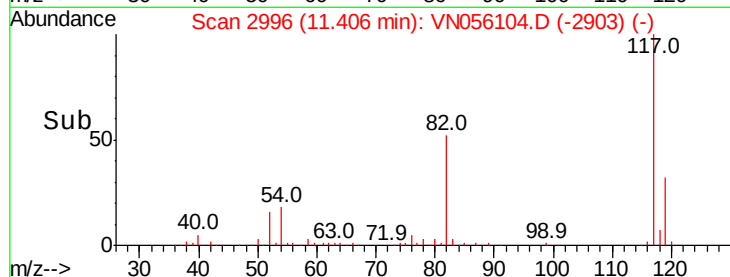
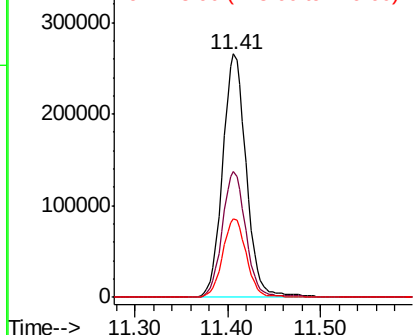
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056104.D
Acq: 7 Jun 2019 17:39

Instrument :
MSVOA_N
ClientSampleId :
Z1-TB11-190605

Tot Ion:117 Resp: 470003
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.3 25.4 38.0

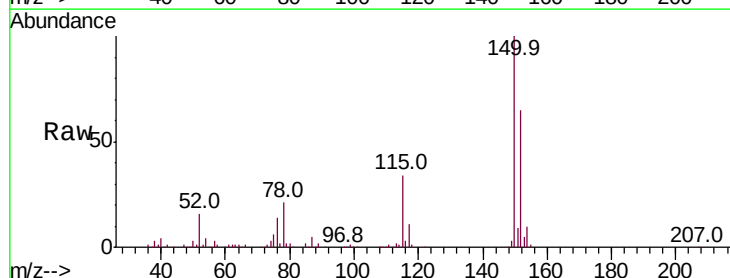


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056104.D
Acq: 7 Jun 2019 17:39

Tgt Ion:152 Resp: 148136
Ion Ratio Lower Upper
152 100
115 52.5 27.0 81.0
150 155.5 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

