

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056033.D
 Acq On : 6 Jun 2019 9:54
 Operator : JC/SP
 Sample : K3193-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK

Quant Time: Jun 06 18:29:42 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	347386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	520568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	475567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142045	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	170613	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	7.59	113	148666	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	10.09	98	622983	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.40	95	189295	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	

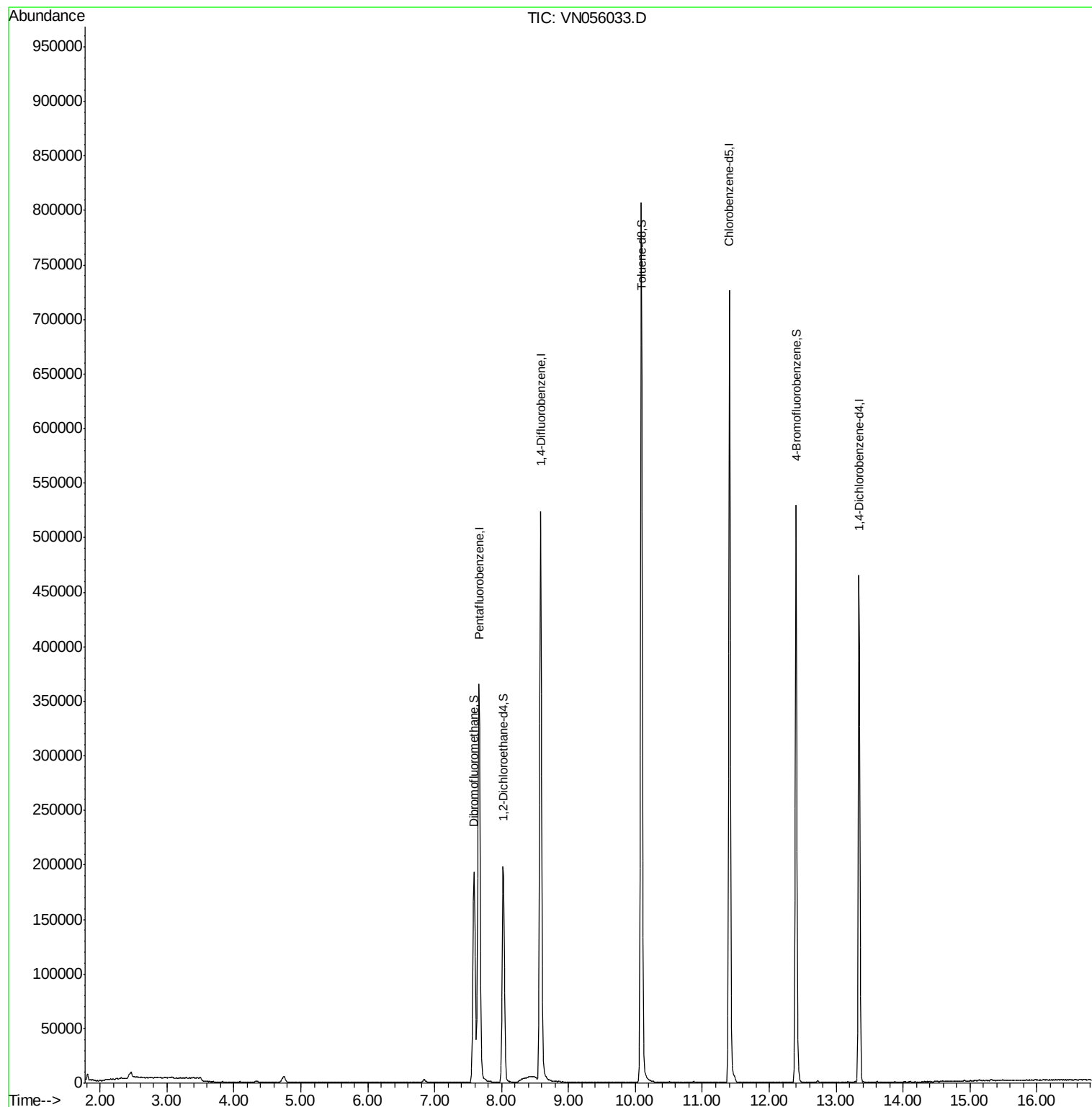
Target Compounds	Qvalue

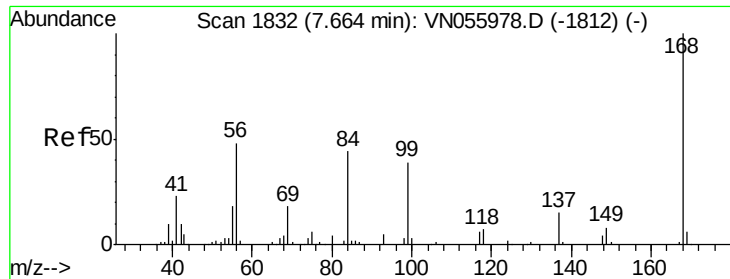
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056033.D

Acq: 6 Jun 2019 9:54

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MSVOA_N

ClientSampleId :

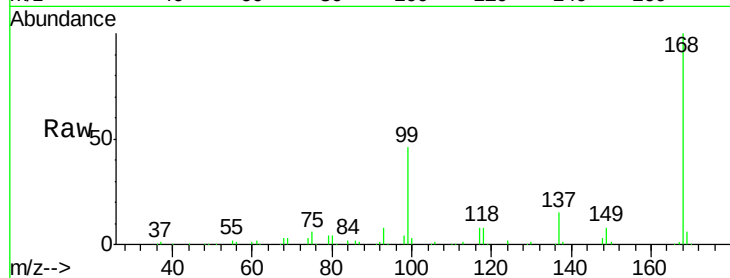
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Tot Ion:168 Resp: 347386

Ion Ratio Lower Upper

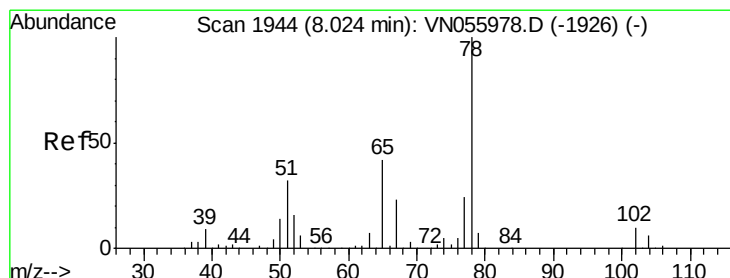
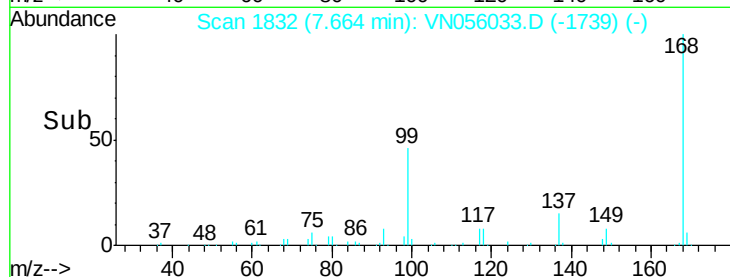
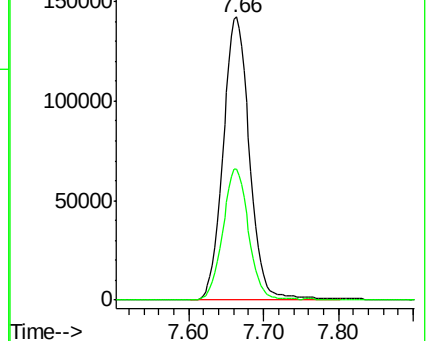
168 100

99 46.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.464 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056033.D

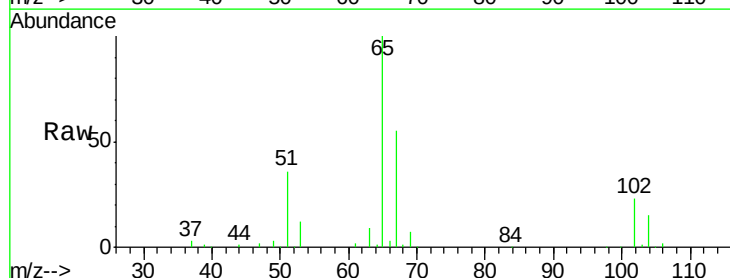
Acq: 6 Jun 2019 9:54

Tgt Ion: 65 Resp: 170613

Ion Ratio Lower Upper

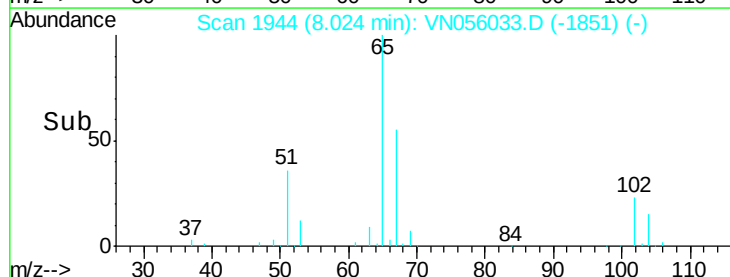
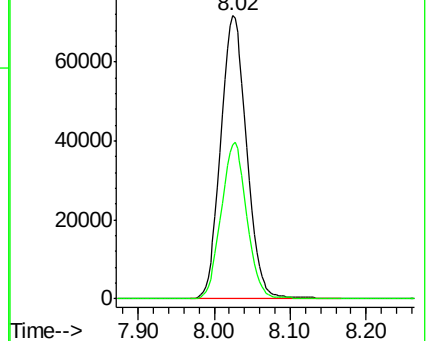
65 100

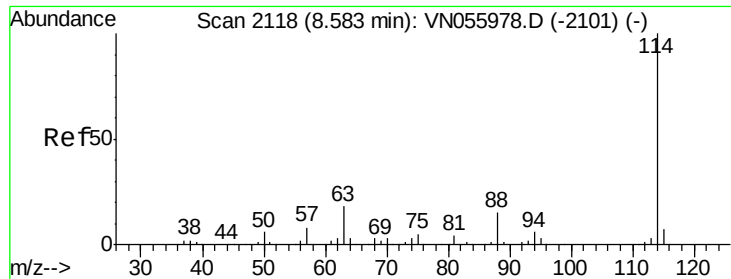
67 54.4 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

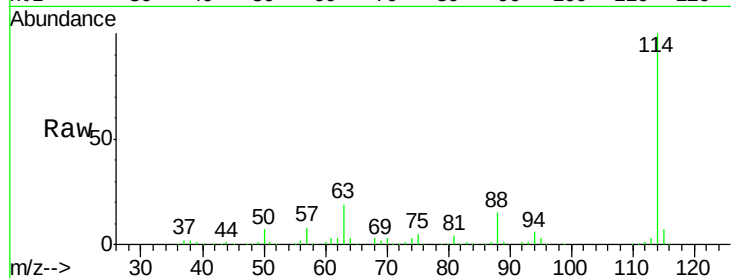




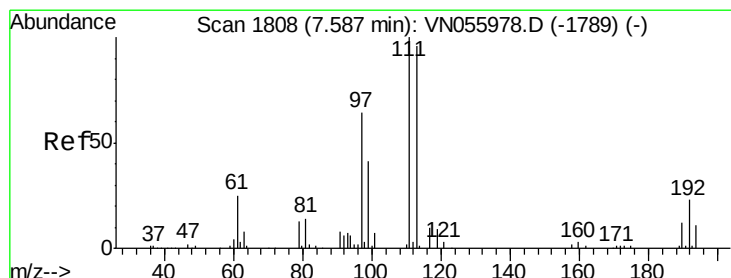
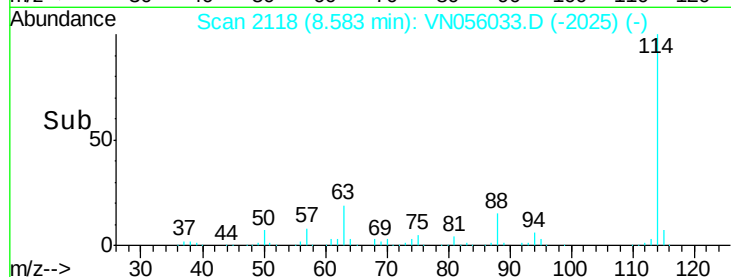
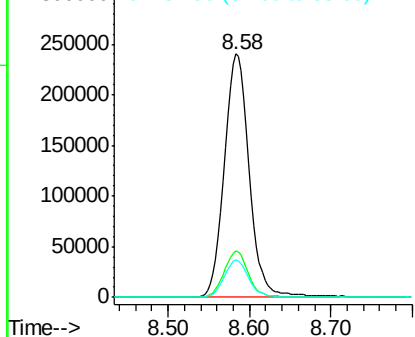
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN056033.D
Acq: 6 Jun 2019 9:54

Instrument :
MSVOA_N
ClientSampleId :
TRIPBLANK

Tot Ion:114 Resp: 520568
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.2
88 15.3 0.0 31.0

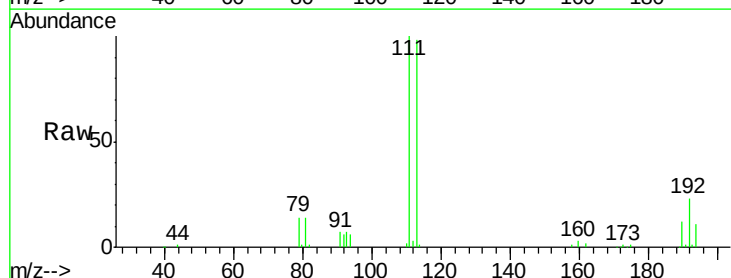


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

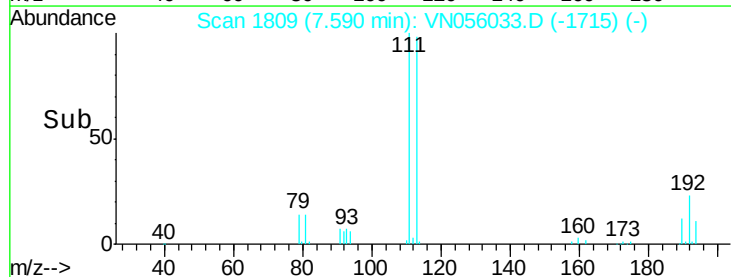
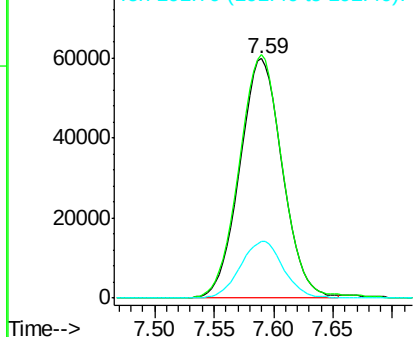


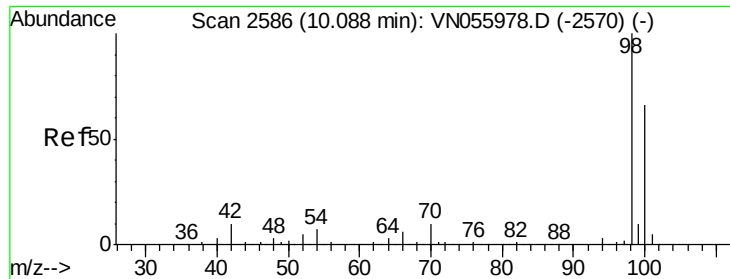
#35
Dibromofluoromethane
Concen: 46.547 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056033.D
Acq: 6 Jun 2019 9:54

Tgt Ion:113 Resp: 148666
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 23.7 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: 50.690 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056033.D

Acq: 6 Jun 2019 9:54

Instrument :

MSVOA_N

ClientSampleId :

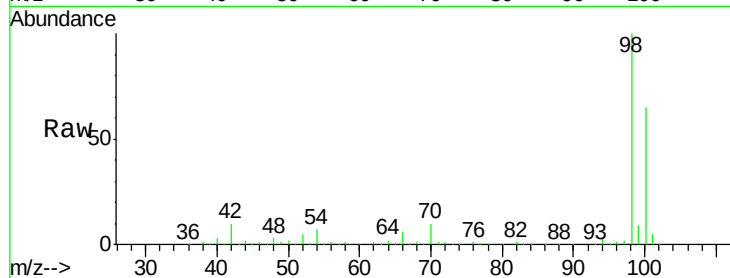
TRIPBLANK

Tot Ion: 98 Resp: 622983

Ion Ratio Lower Upper

98 100

100 64.7 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

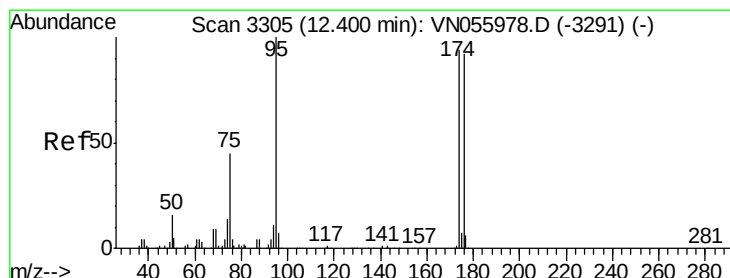
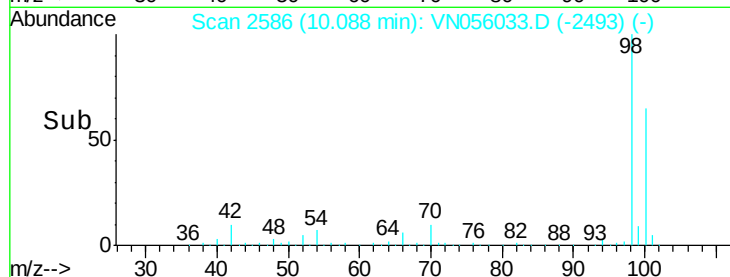
200000

100000

0

Time-->

10.00 10.20



#62

4-Bromofluorobenzene

Concen: 45.291 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056033.D

Acq: 6 Jun 2019 9:54

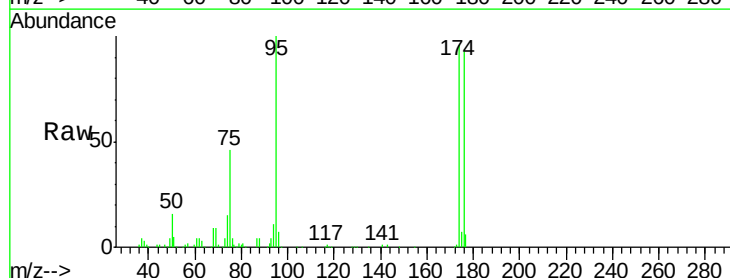
Tgt Ion: 95 Resp: 189295

Ion Ratio Lower Upper

95 100

174 95.3 0.0 191.0

176 91.9 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

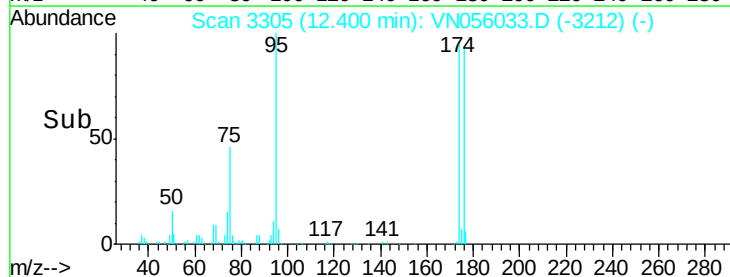
100000

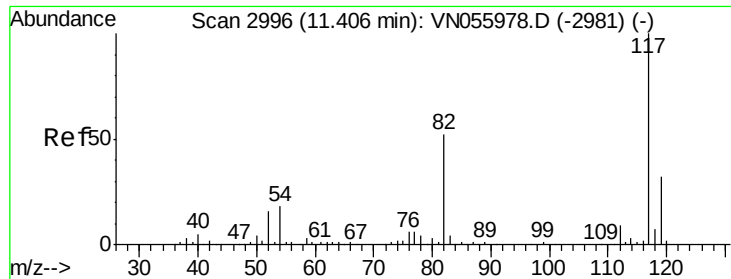
50000

0

Time-->

12.30 12.40 12.50

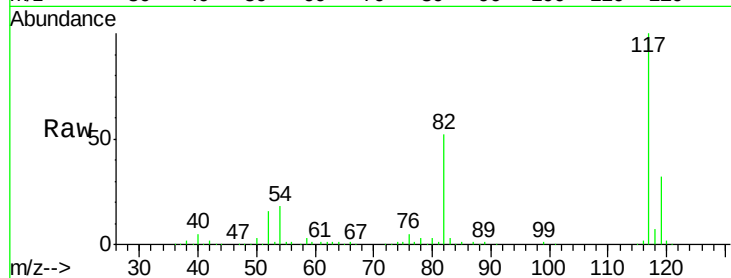




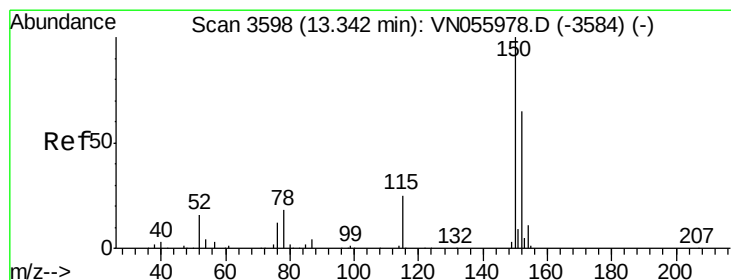
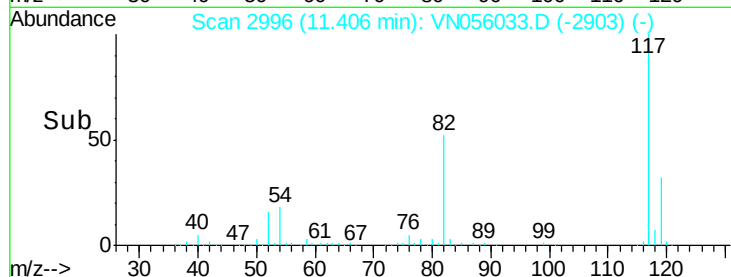
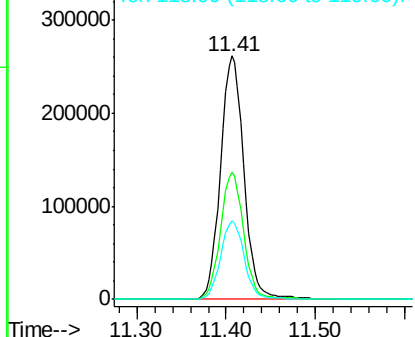
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056033.D
Acq: 6 Jun 2019 9:54

Instrument :
MSVOA_N
ClientSampleId :
TRIPBLANK

Tot Ion:117 Resp: 475567
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 32.0 25.4 38.0

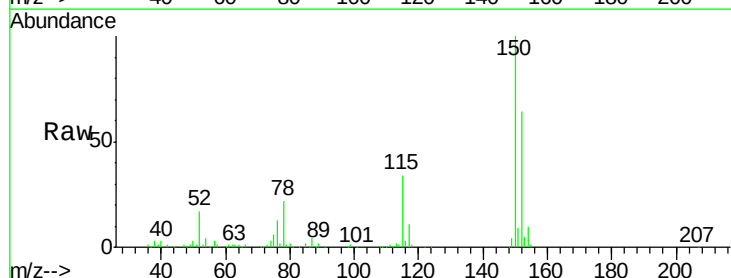


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056033.D
Acq: 6 Jun 2019 9:54

Tgt Ion:152 Resp: 142045
Ion Ratio Lower Upper
152 100
115 53.3 27.0 81.0
150 156.7 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

