

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056050.D
 Acq On : 6 Jun 2019 17:01
 Operator : JC/SP
 Sample : K3203-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0531-190604

Quant Time: Jun 07 06:24:27 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	333361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	508417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	470991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141613	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	180582	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
35) Dibromofluoromethane	7.59	113	156712	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.09	98	650383	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
62) 4-Bromofluorobenzene	12.40	95	198554	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

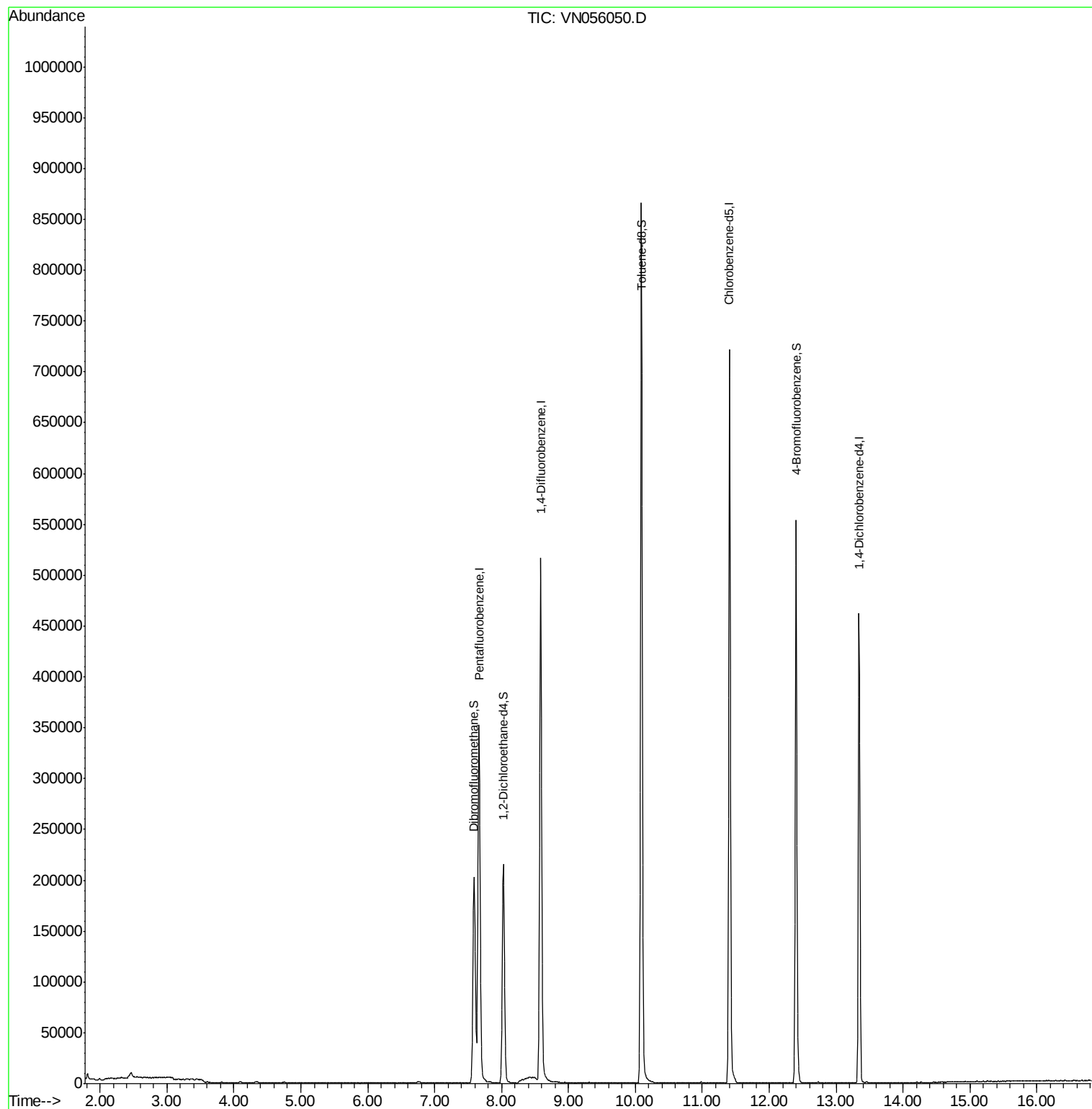
Target Compounds	Qvalue

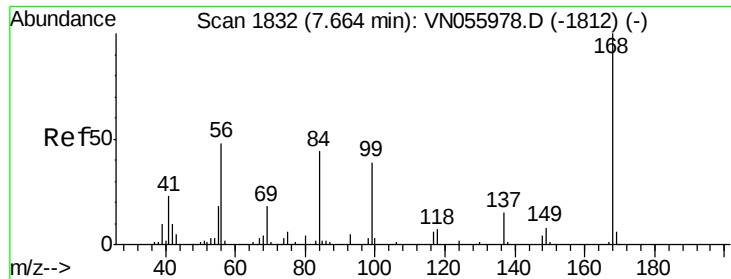
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056050.D

Acq: 6 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

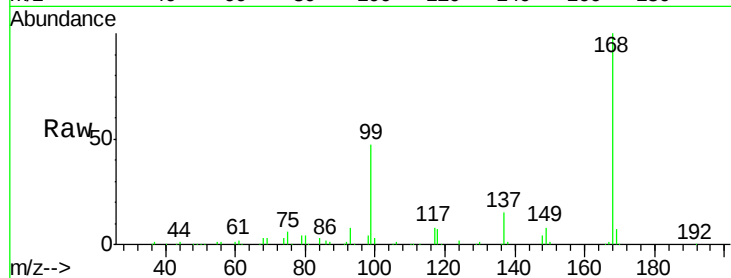
DUP-0531-190604

Tot Ion:168 Resp: 333361

Ion Ratio Lower Upper

168 100

99 46.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

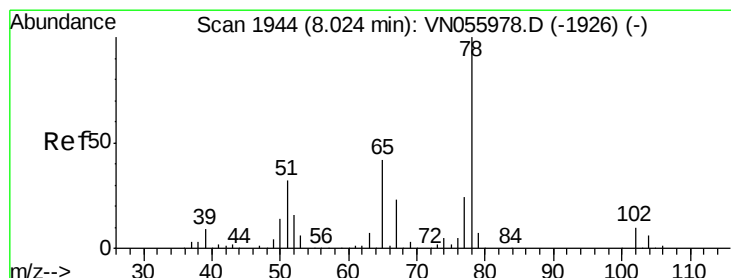
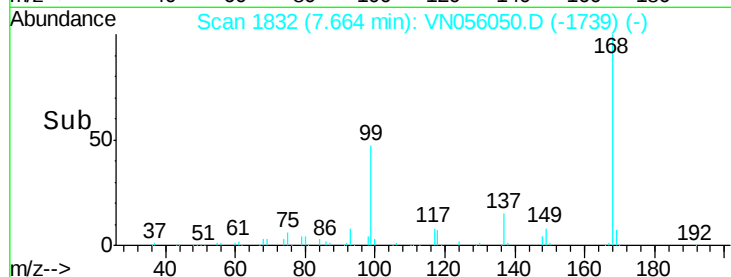
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.557 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056050.D

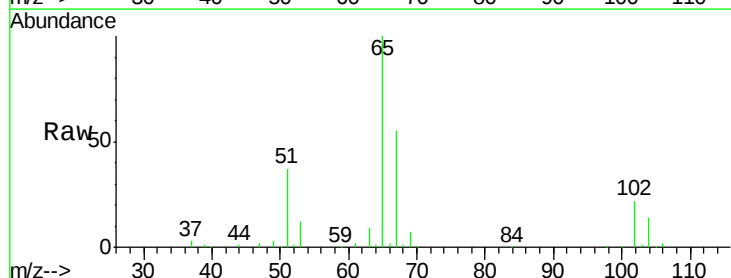
Acq: 6 Jun 2019 17:01

Tgt Ion: 65 Resp: 180582

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

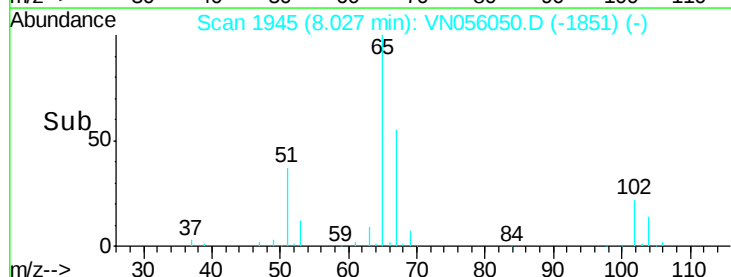
40000

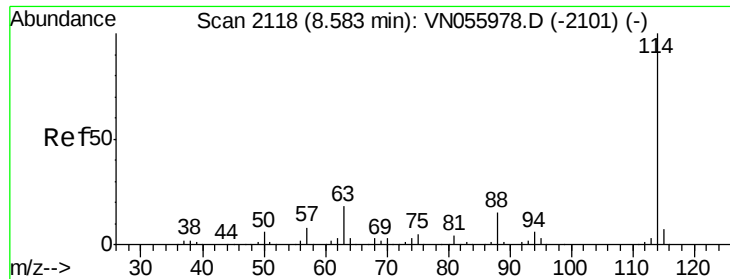
20000

0

7.90 8.00 8.10 8.20

Time-->

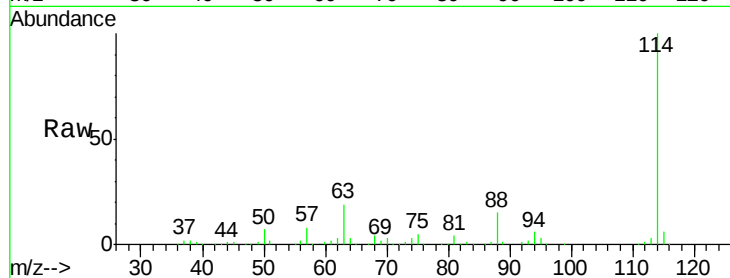




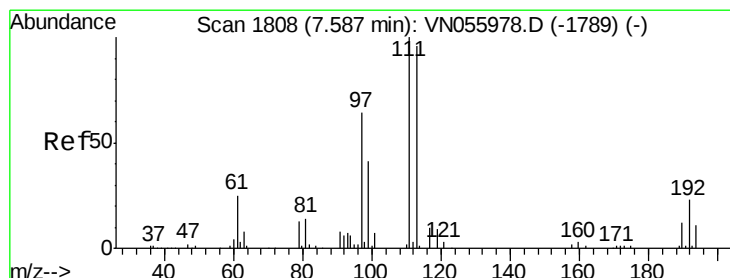
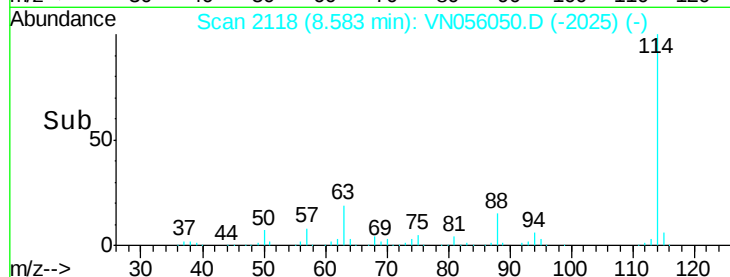
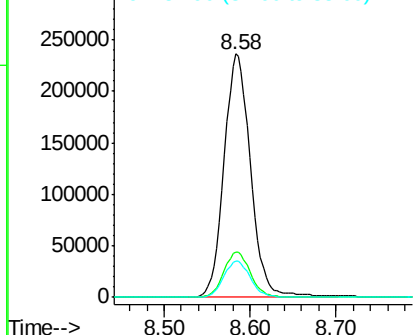
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056050.D
 Acq: 6 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0531-190604

Tot Ion:114 Resp: 508417
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.0 0.0 31.0

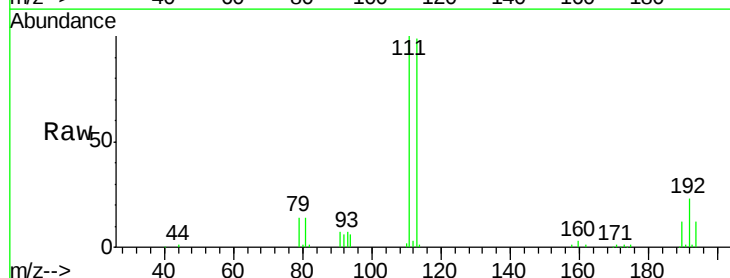


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

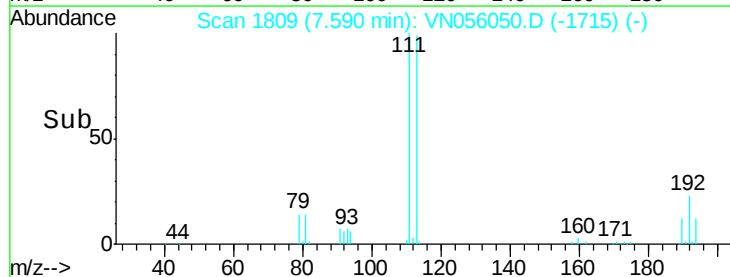
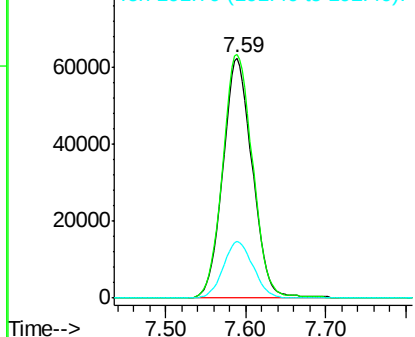


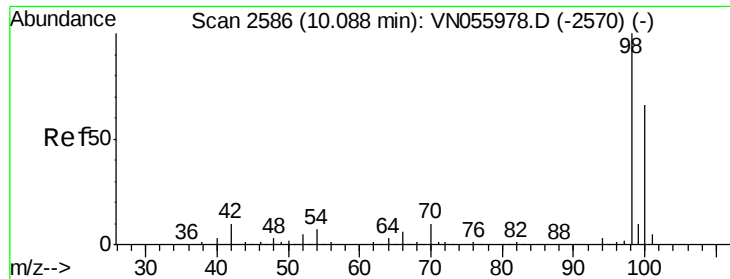
#35
 Dibromofluoromethane
 Concen: 50.239 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056050.D
 Acq: 6 Jun 2019 17:01

Tgt Ion:113 Resp: 156712
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.9 122.9
 192 24.0 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: 54.185 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056050.D

Acq: 6 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

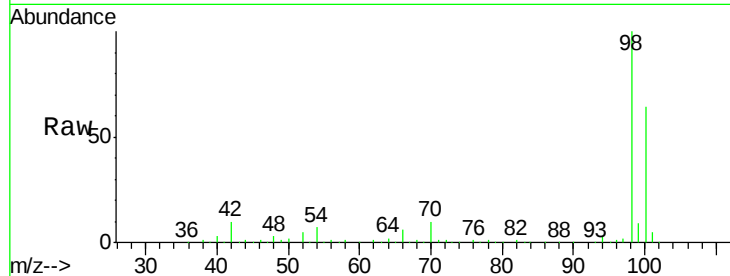
DUP-0531-190604

Tot Ion: 98 Resp: 650383

Ion Ratio Lower Upper

98 100

100 64.6 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

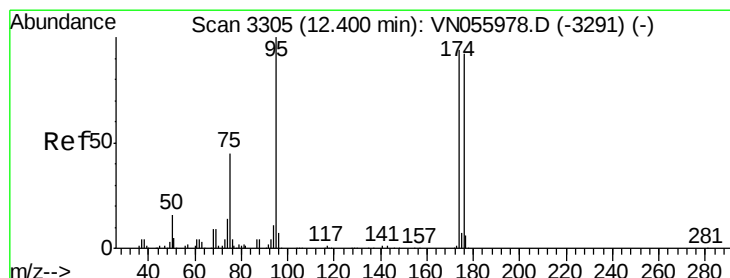
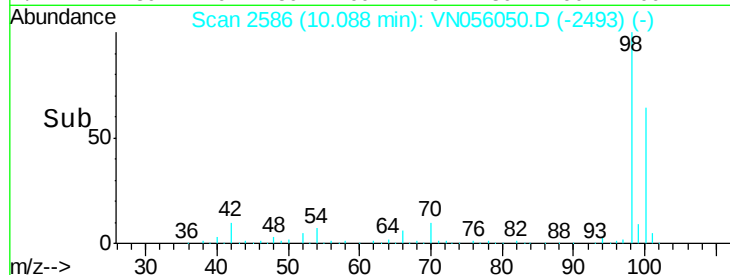
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.642 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056050.D

Acq: 6 Jun 2019 17:01

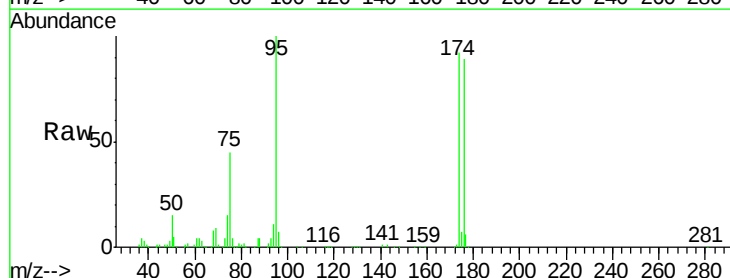
Tgt Ion: 95 Resp: 198554

Ion Ratio Lower Upper

95 100

174 93.9 0.0 191.0

176 90.1 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

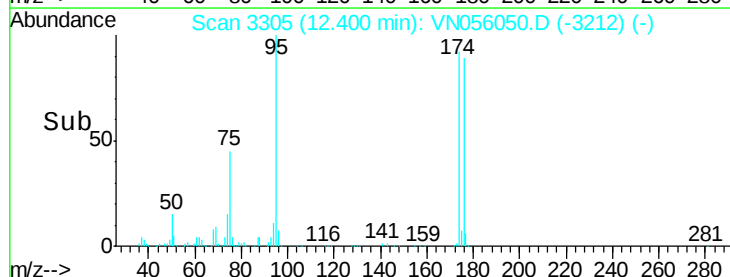
150000

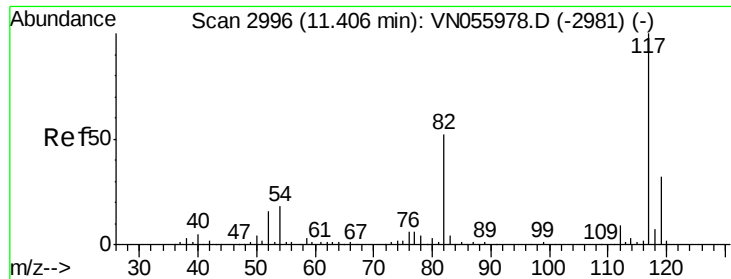
100000

50000

0

Time-->

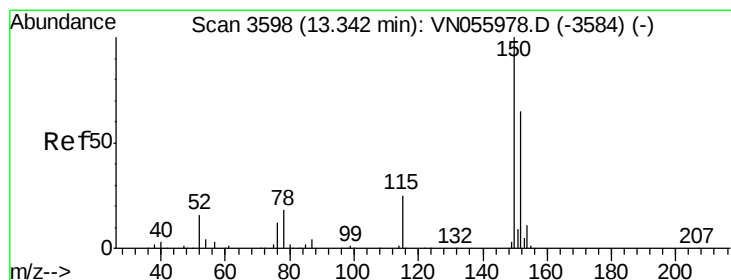
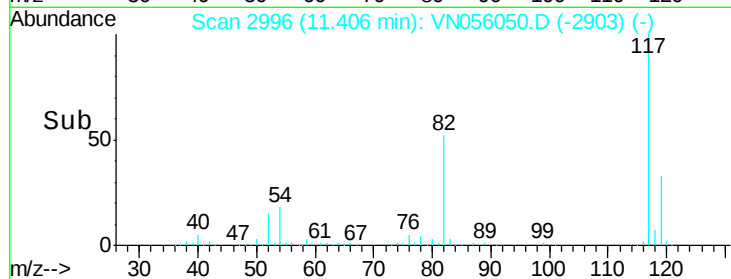
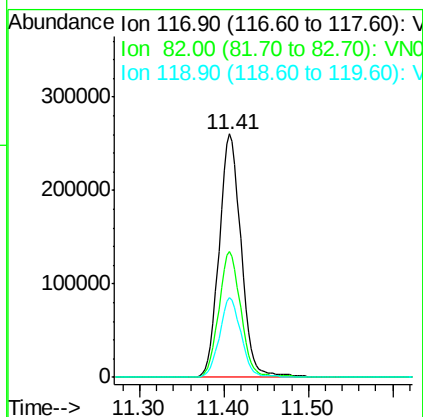
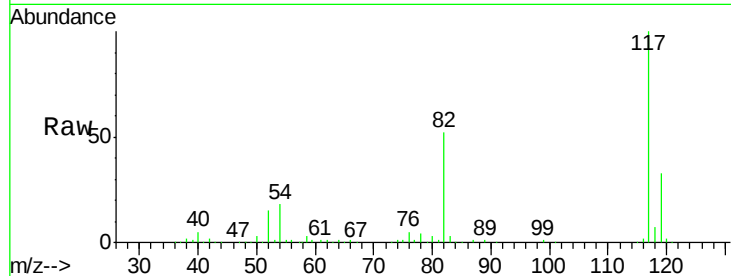




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056050.D
Acq: 6 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
DUP-0531-190604

Tot Ion:117 Resp: 470991
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056050.D
Acq: 6 Jun 2019 17:01

Tgt Ion:152 Resp: 141613
Ion Ratio Lower Upper
152 100
115 53.5 27.0 81.0
150 158.0 0.0 343.2

