

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056286.D
 Acq On : 13 Jun 2019 17:06
 Operator : JC/SP
 Sample : K3350-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-190611

Quant Time: Jun 14 02:02:51 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	345460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	586170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	568971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167539	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	198348	57.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.66%	
35) Dibromofluoromethane	7.59	113	180150	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	10.09	98	717128	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.40	95	229670	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

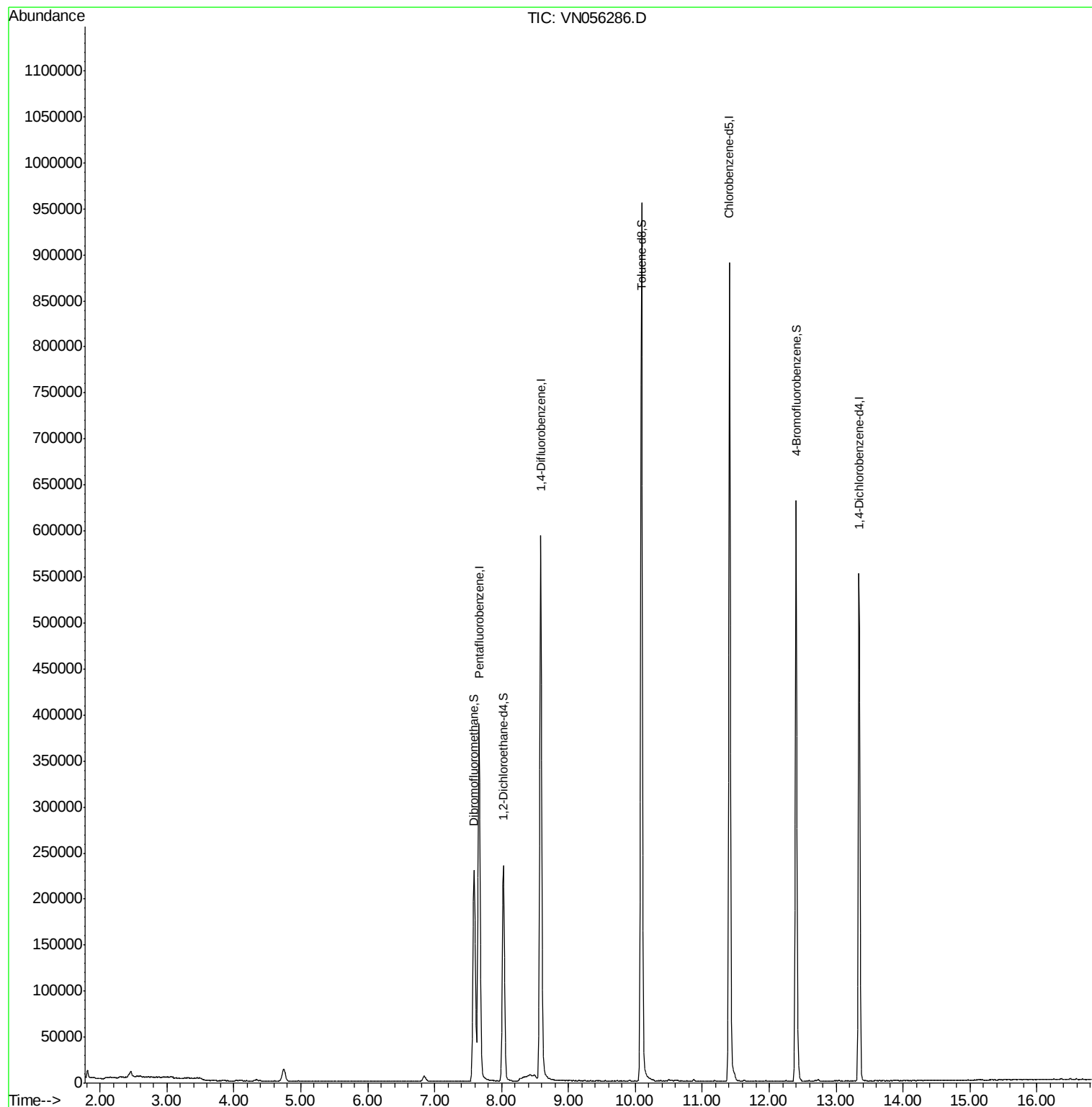
Target Compounds	Qvalue

(#) = 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: VN056286.D

Acq: 13 Jun 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

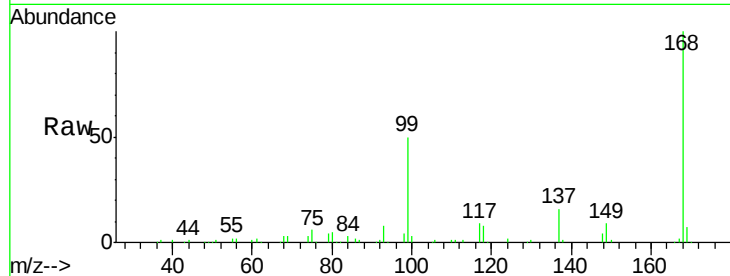
TB-01-190611

Tot Ion:168 Resp: 345460

Ion Ratio Lower Upper

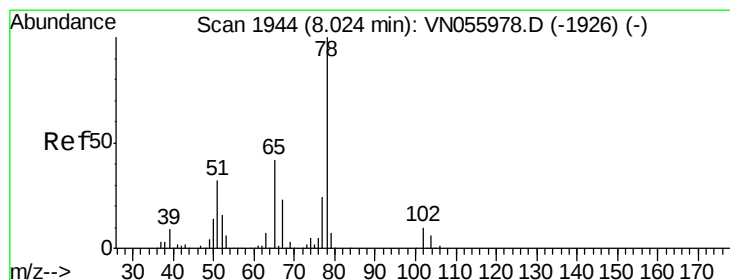
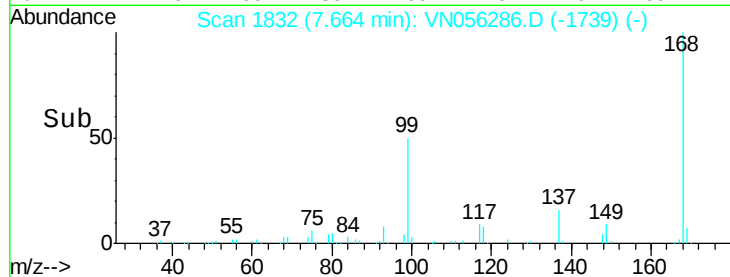
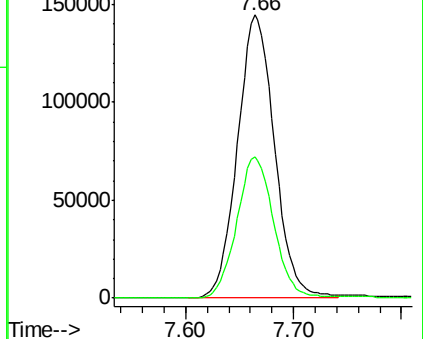
168 100

99 50.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 57.825 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056286.D

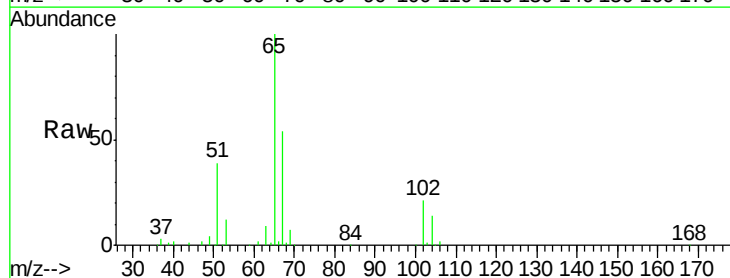
Acq: 13 Jun 2019 17:06

Tgt Ion: 65 Resp: 198348

Ion Ratio Lower Upper

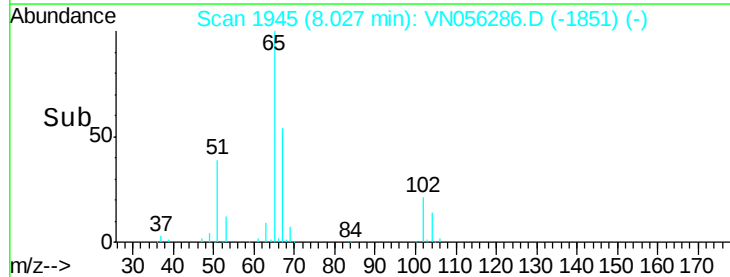
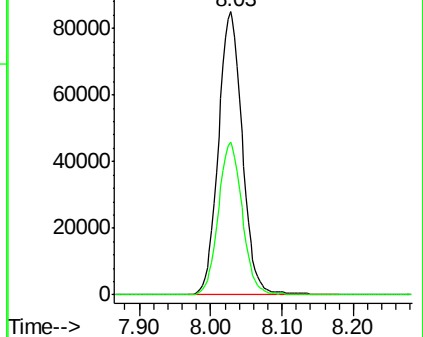
65 100

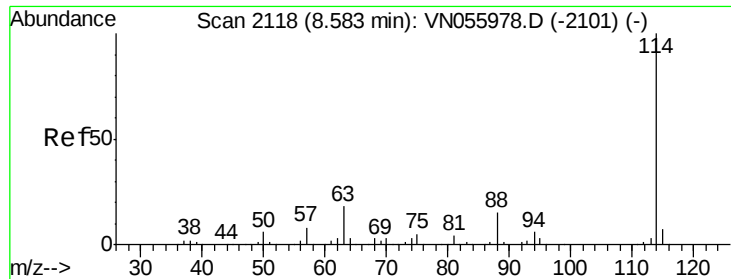
67 53.5 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

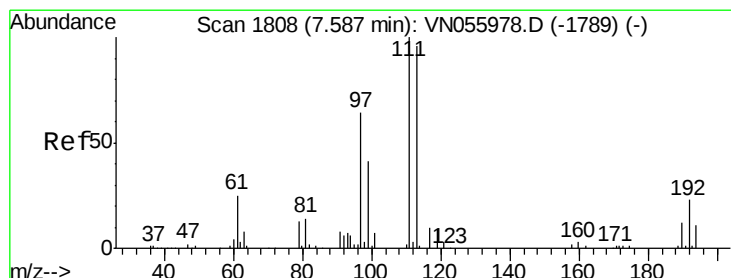
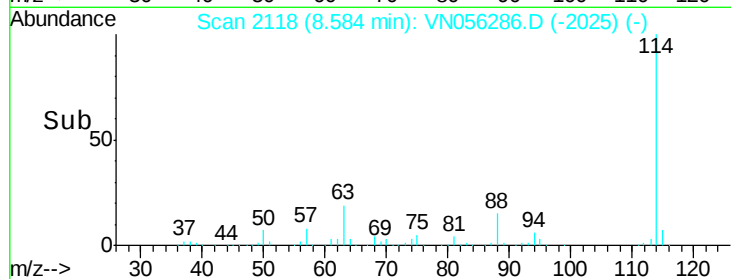
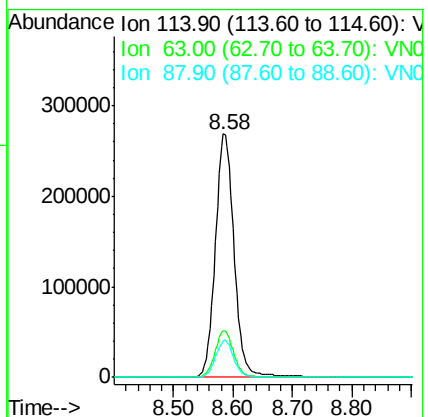
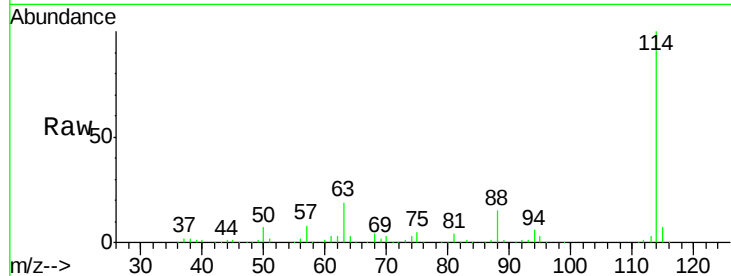




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056286.D
Acq: 13 Jun 2019 17:06

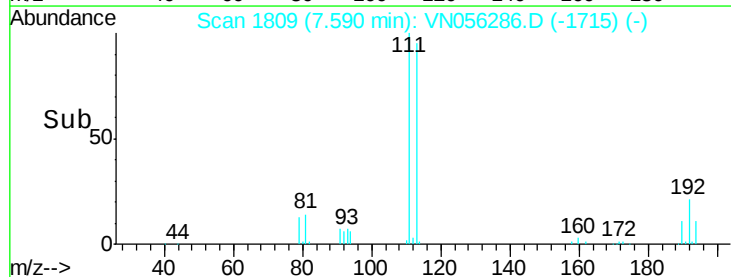
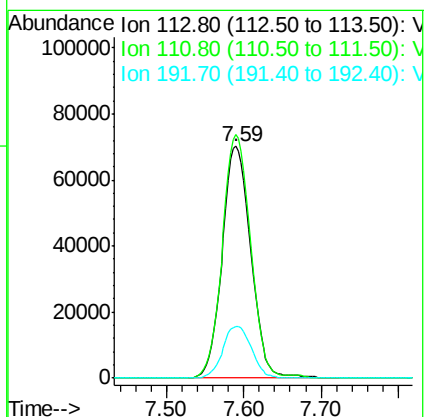
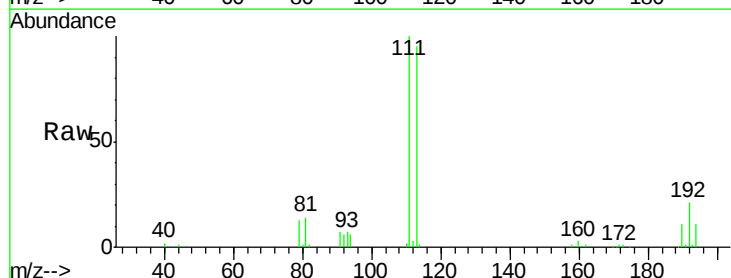
Instrument :
MSVOA_N
ClientSampleId :
TB-01-190611

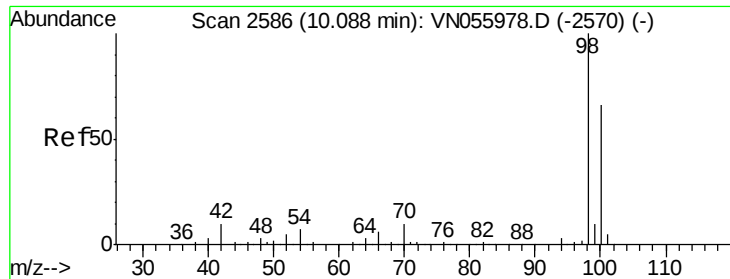
Tot Ion:114 Resp: 586170
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.2
88 14.9 0.0 31.0



#35
Dibromofluoromethane
Concen: 50.093 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056286.D
Acq: 13 Jun 2019 17:06

Tgt Ion:113 Resp: 180150
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 22.5 19.5 29.3





#50

Toluene-d8

Concen: 51.820 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056286.D

Acq: 13 Jun 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

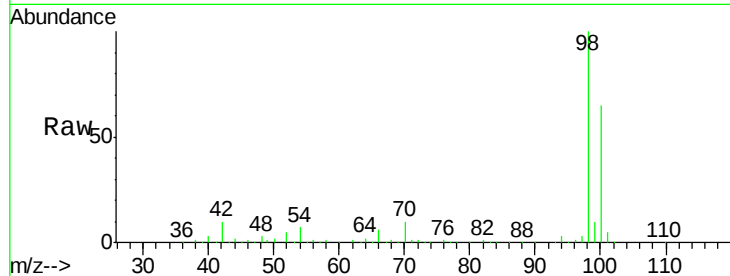
TB-01-190611

Tot Ion: 98 Resp: 717128

Ion Ratio Lower Upper

98 100

100 64.2 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

400000

300000

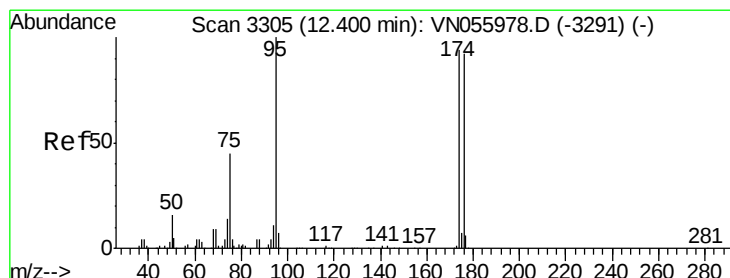
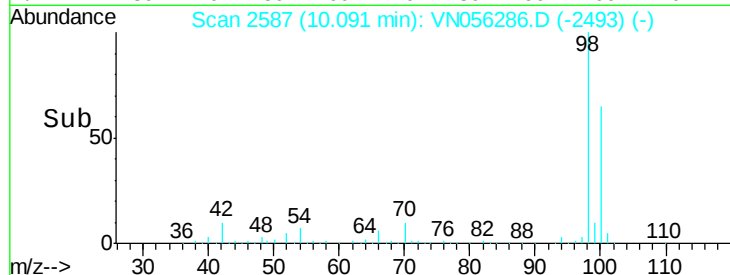
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 48.801 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056286.D

Acq: 13 Jun 2019 17:06

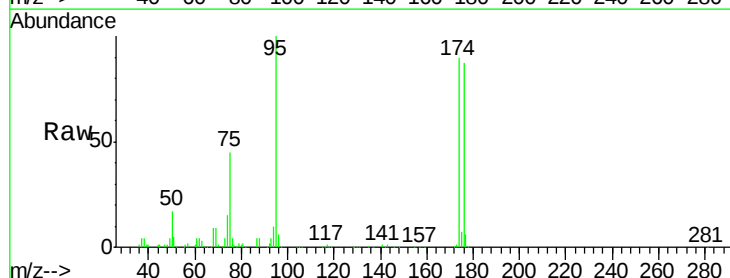
Tgt Ion: 95 Resp: 229670

Ion Ratio Lower Upper

95 100

174 90.8 0.0 191.0

176 88.4 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

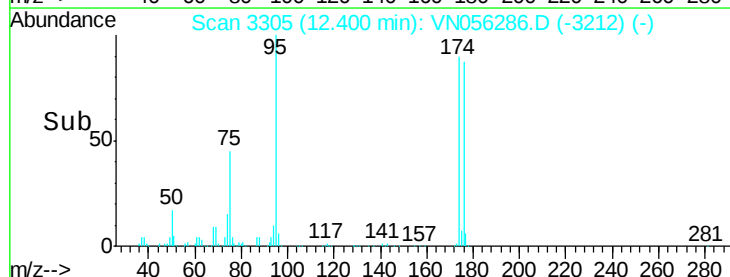
100000

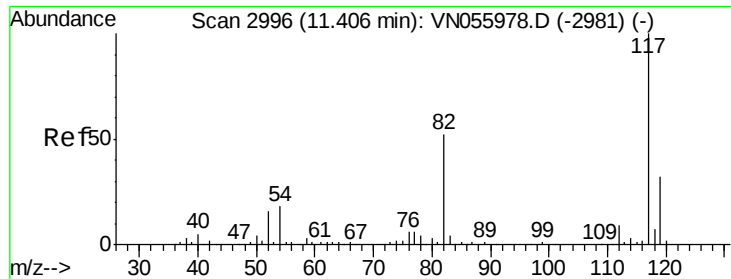
50000

0

Time-->

12.30 12.40 12.50

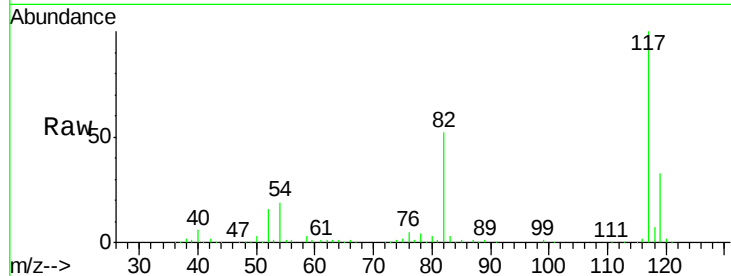




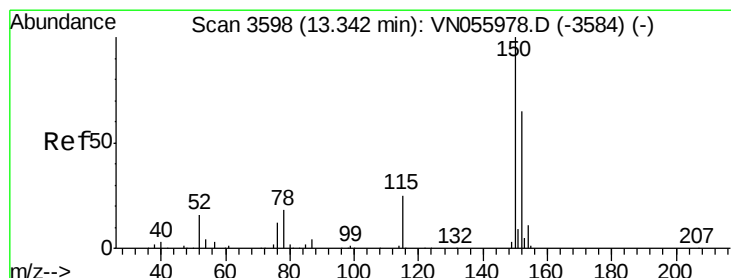
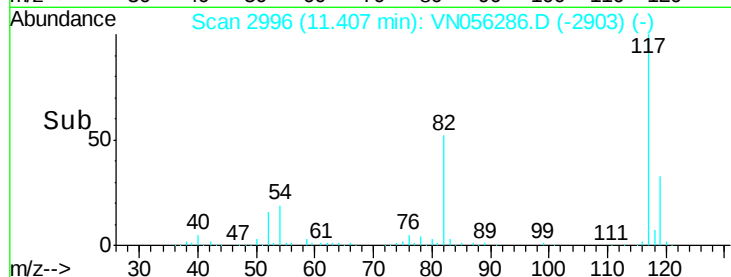
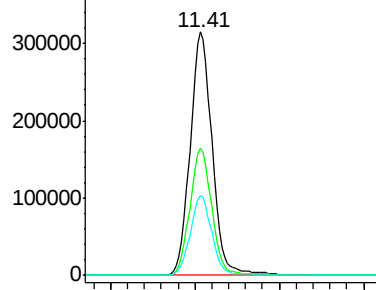
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056286.D
Acq: 13 Jun 2019 17:06

Instrument :
MSVOA_N
ClientSampled :
TB-01-190611

Tot Ion:117 Resp: 568971
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 33.0 25.4 38.0

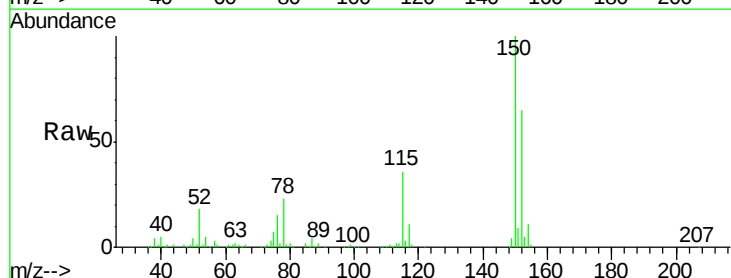


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056286.D
Acq: 13 Jun 2019 17:06

Tgt Ion:152 Resp: 167539
Ion Ratio Lower Upper
152 100
115 56.1 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

