

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070419\
 Data File : VN056590.D
 Acq On : 3 Jul 2019 17:28
 Operator : JC/SP
 Sample : VN0704WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBL01

Quant Time: Jul 03 23:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	271685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	467424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	466921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	178087	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	157075	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
35) Dibromofluoromethane	7.59	113	136639	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
50) Toluene-d8	10.09	98	583090	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.40	95	205341	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	

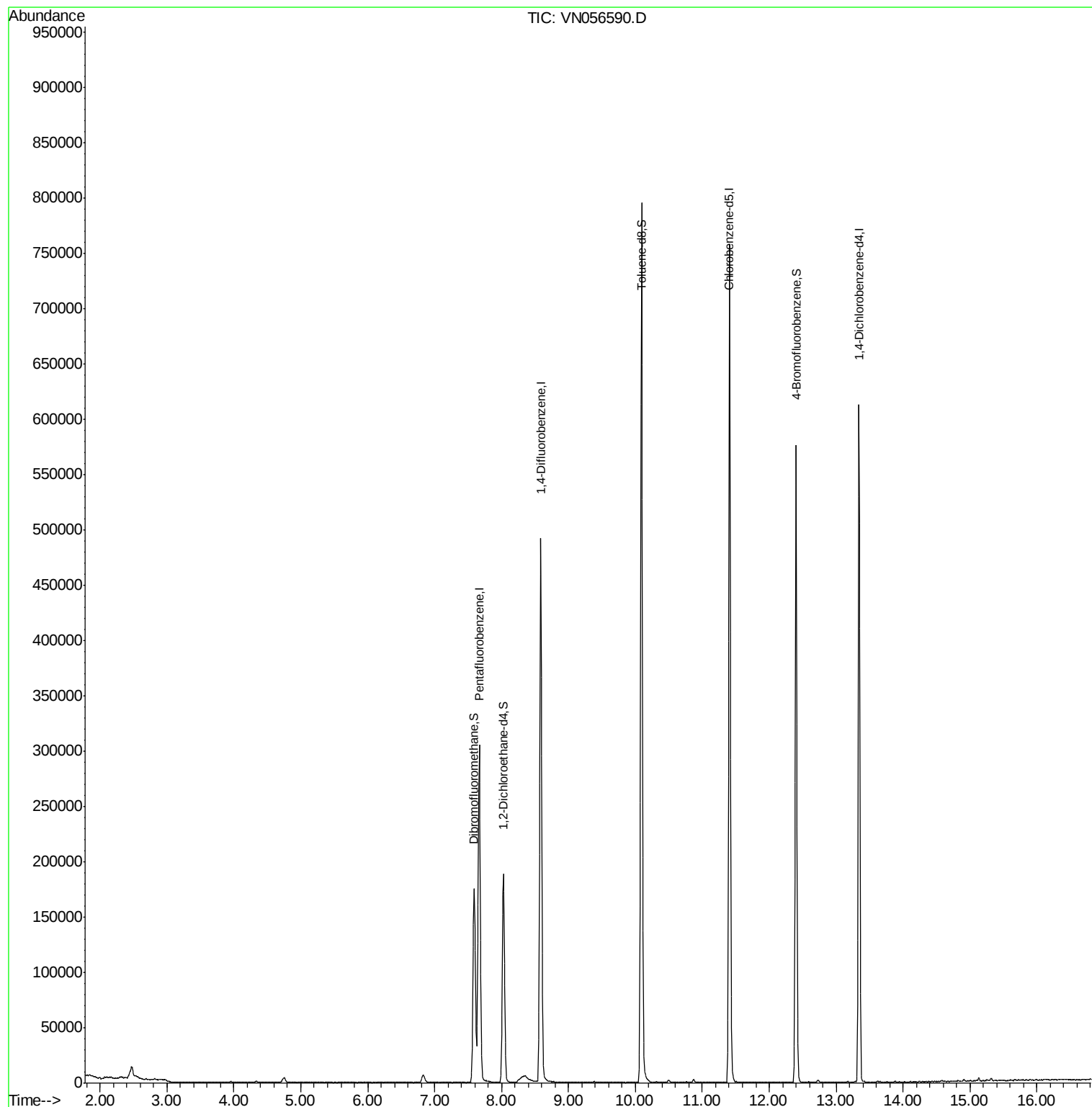
Target Compounds	Qvalue

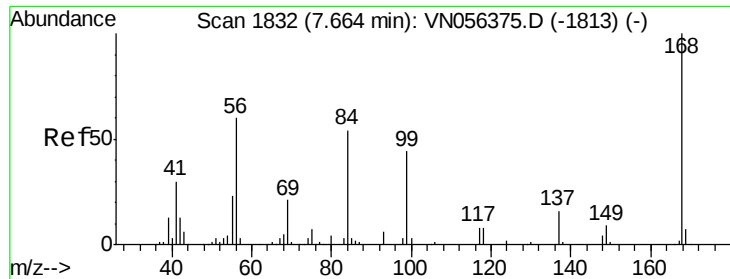
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056590.D

Acq: 3 Jul 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

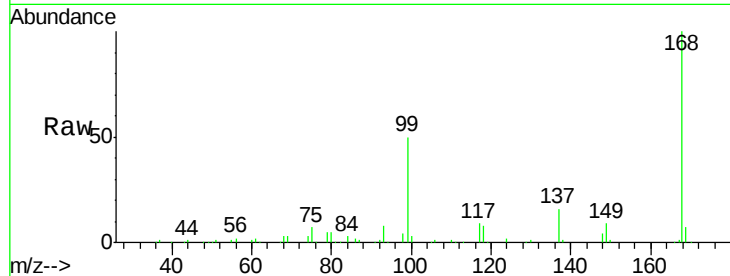
VN0704WBL01

Tot Ion:168 Resp: 271685

Ion Ratio Lower Upper

168 100

99 49.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

120000

100000

80000

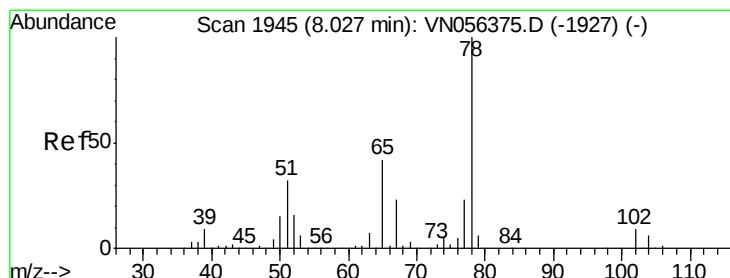
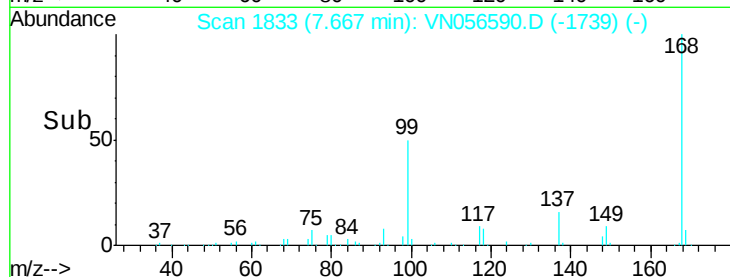
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.165 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056590.D

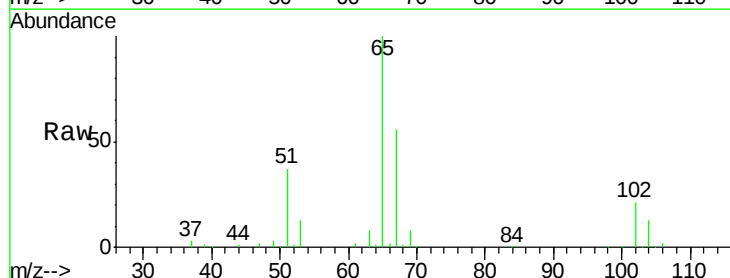
Acq: 3 Jul 2019 17:28

Tgt Ion: 65 Resp: 157075

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

80000

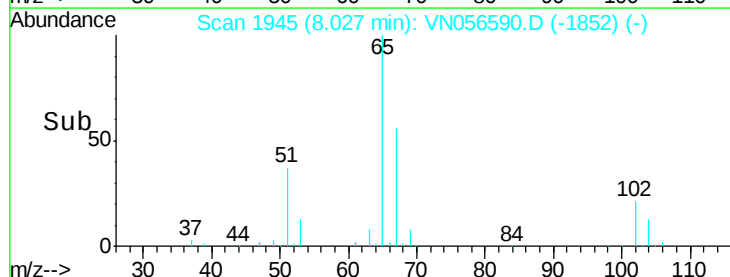
60000

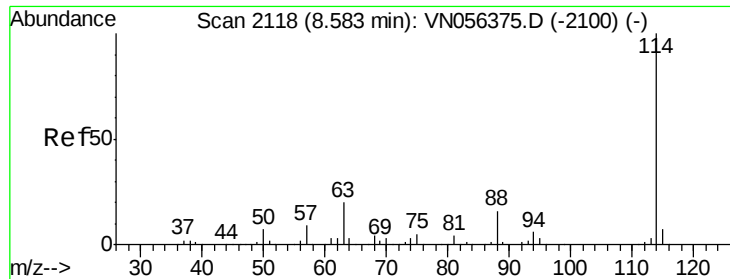
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056590.D

Acq: 3 Jul 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBL01

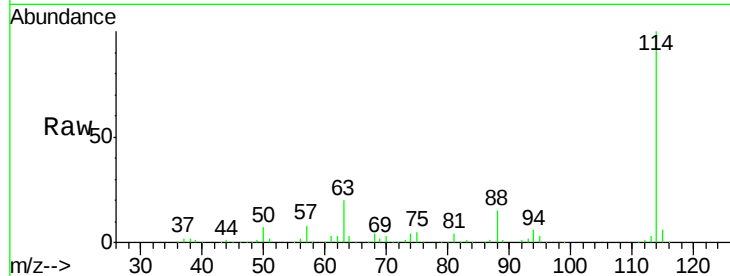
Tot Ion:114 Resp: 467424

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

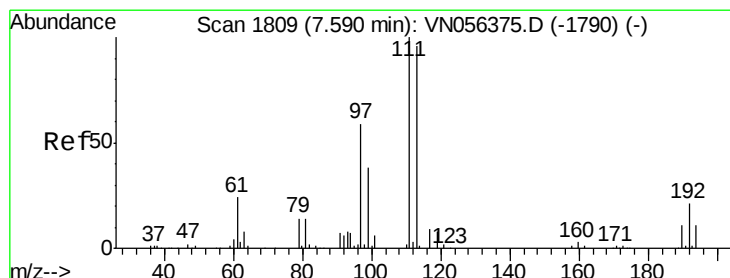
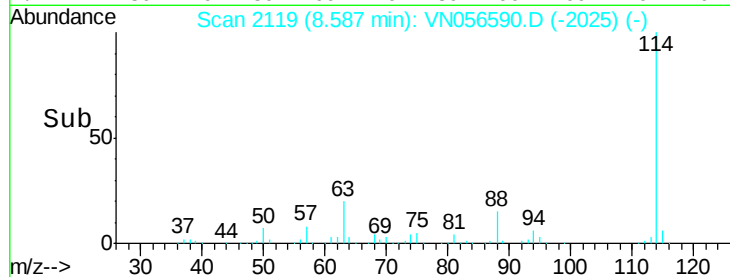
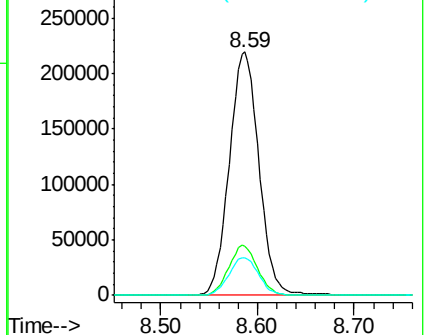
88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.859 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056590.D

Acq: 3 Jul 2019 17:28

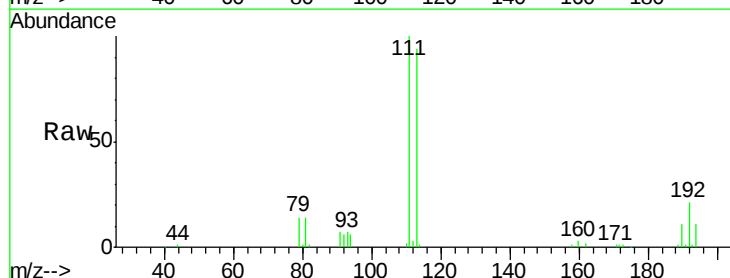
Tgt Ion:113 Resp: 136639

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

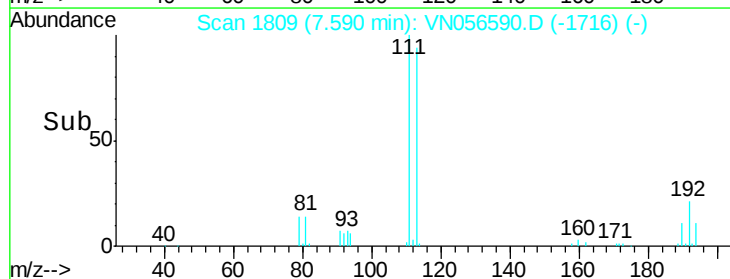
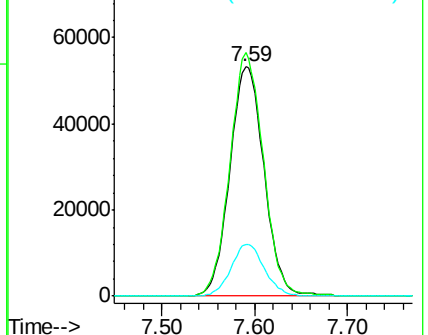
192 21.8 17.7 26.5

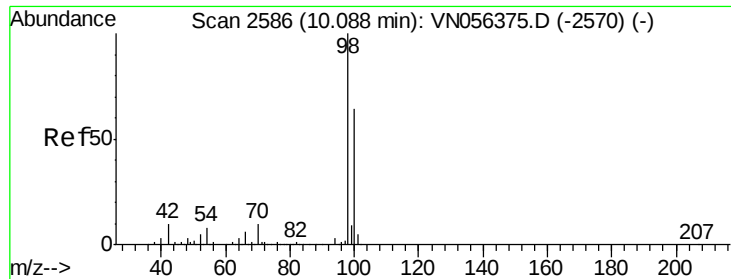


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.391 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056590.D

Acq: 3 Jul 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

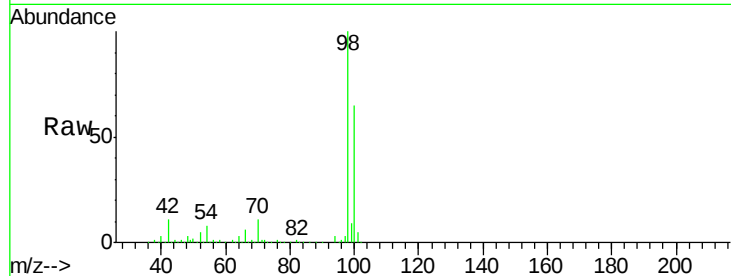
VN0704WBL01

Tot Ion: 98 Resp: 583090

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN056375.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056375.D (-2570) (-)

10.09

300000

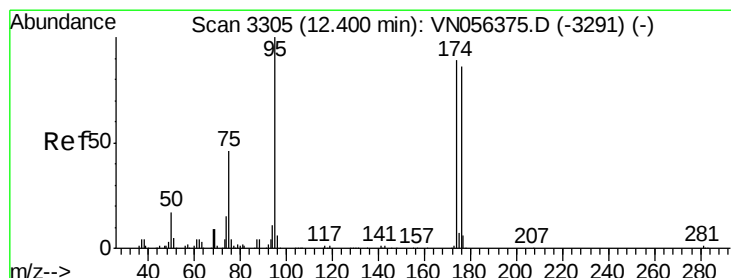
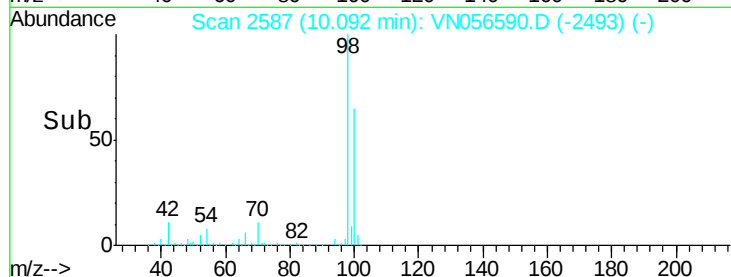
200000

100000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 54.289 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056590.D

Acq: 3 Jul 2019 17:28

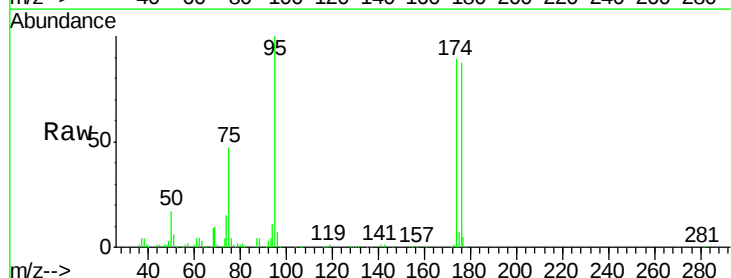
Tgt Ion: 95 Resp: 205341

Ion Ratio Lower Upper

95 100

174 89.4 0.0 179.4

176 86.8 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)

12.40

150000

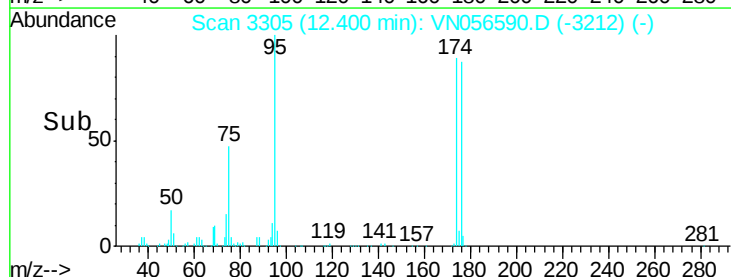
100000

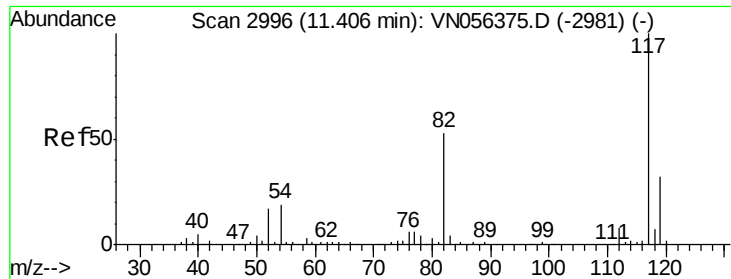
50000

0

12.40 12.50

Time-->

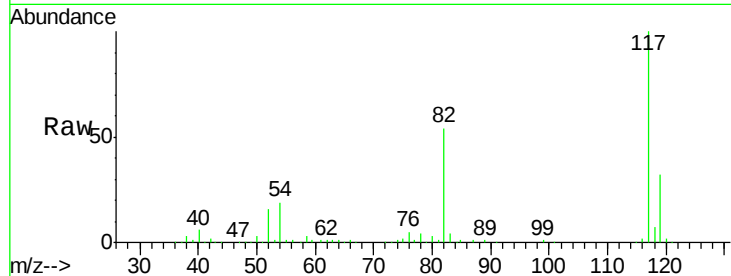




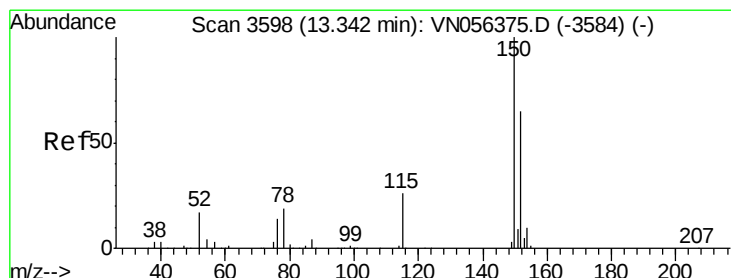
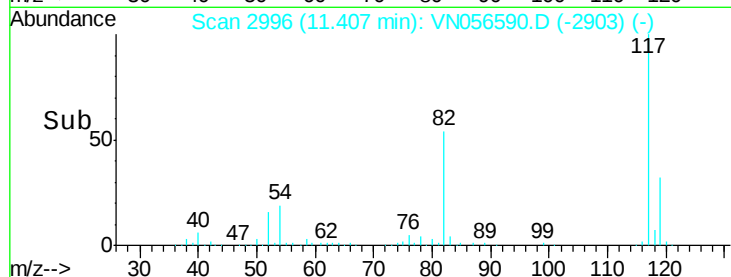
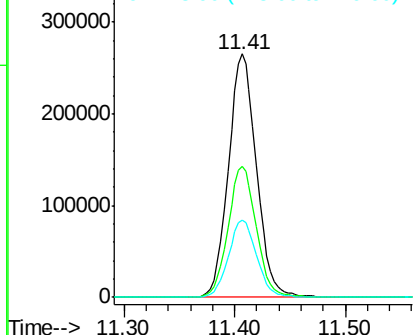
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN056590.D
 Acq: 3 Jul 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBL01

Tot Ion:117 Resp: 466921
 Ion Ratio Lower Upper
 117 100
 82 54.0 42.0 63.0
 119 31.9 25.3 37.9

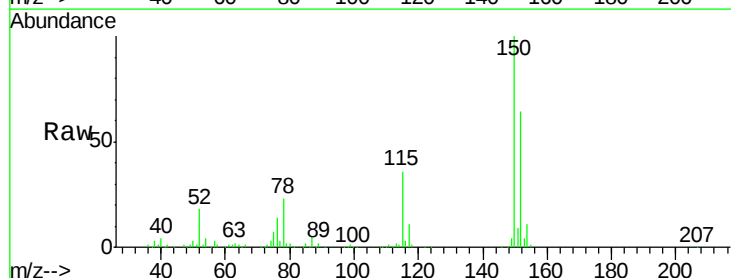


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN056590.D
 Acq: 3 Jul 2019 17:28

Tgt Ion:152 Resp: 178087
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.1 84.4
 150 155.4 0.0 348.4



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

