

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056716.D
 Acq On : 15 Jul 2019 16:49
 Operator : JC/SP
 Sample : K3814-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LC-TB04-190712

Quant Time: Jul 16 05:02:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	270137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	472337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	480237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184590	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	155493	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.59	113	142174	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	10.09	98	590183	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.40	95	209313	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	

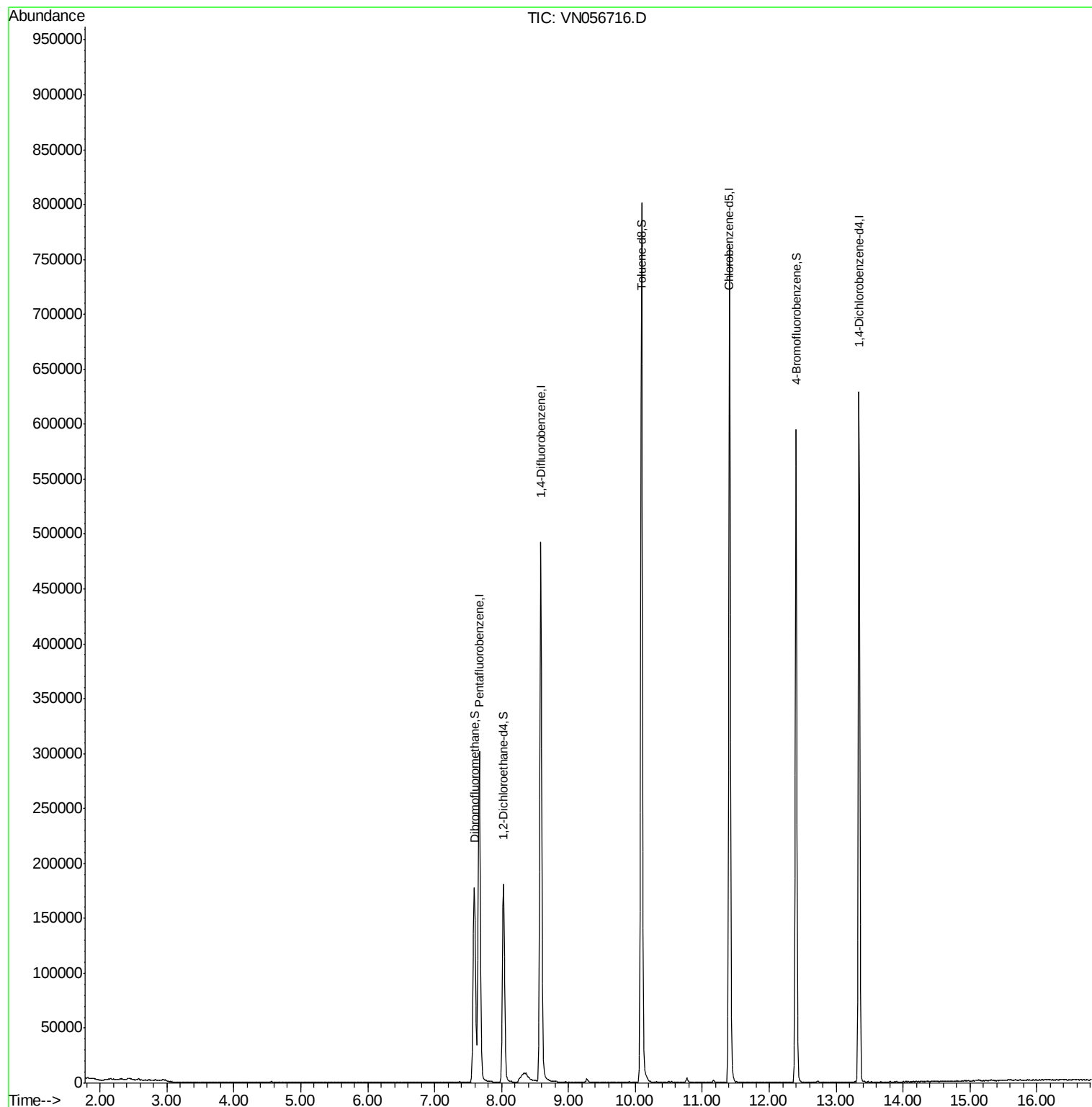
Target Compounds	Qvalue

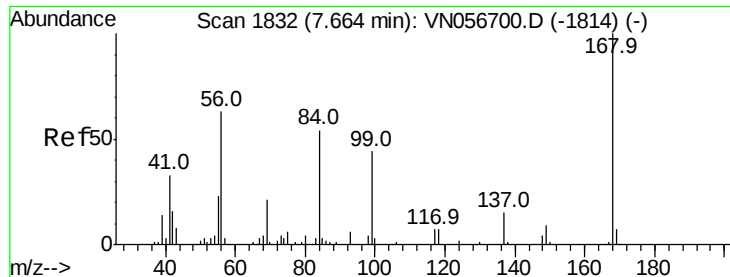
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071519\
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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: VN056716.D

Acq: 15 Jul 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

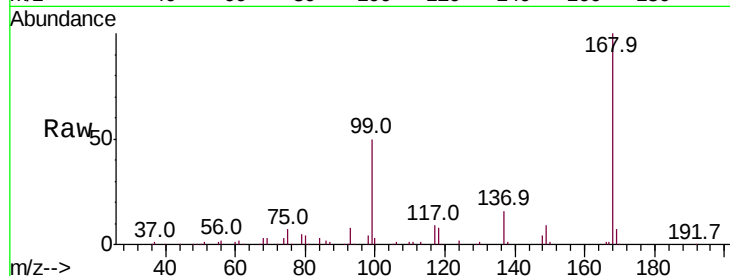
LC-TB04-190712

Tot Ion:168 Resp: 270137

Ion Ratio Lower Upper

168 100

99 50.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

120000

100000

80000

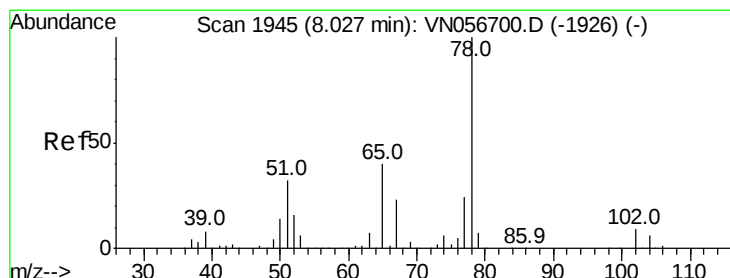
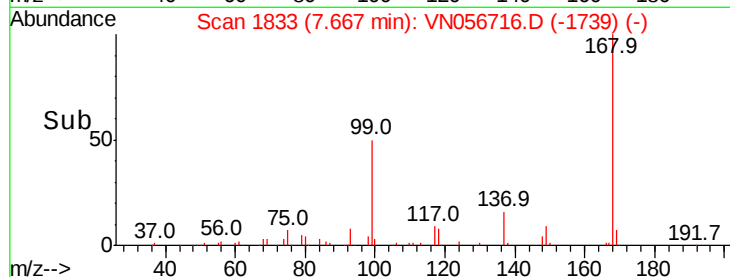
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.038 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056716.D

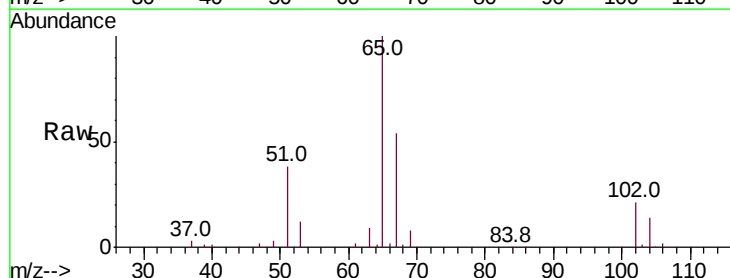
Acq: 15 Jul 2019 16:49

Tgt Ion: 65 Resp: 155493

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN

8.03

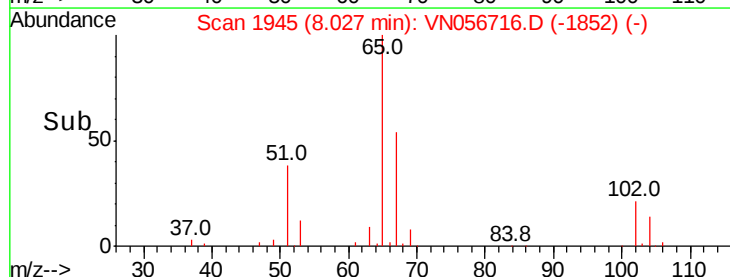
60000

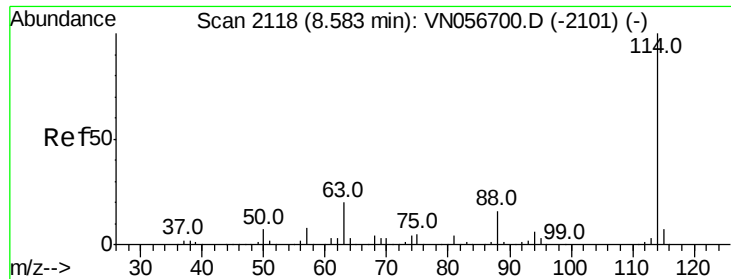
40000

20000

0

Time-->

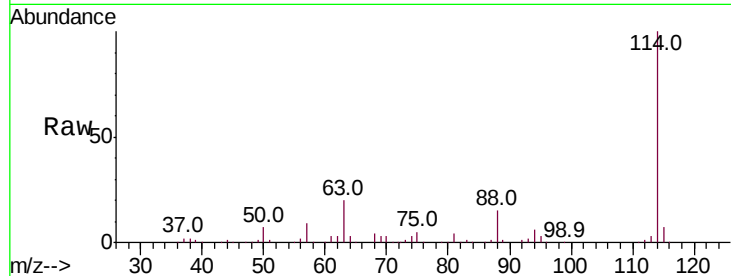




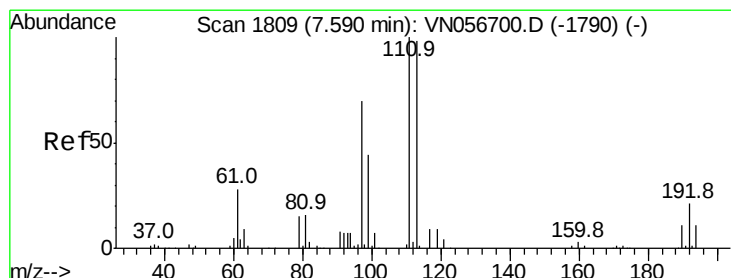
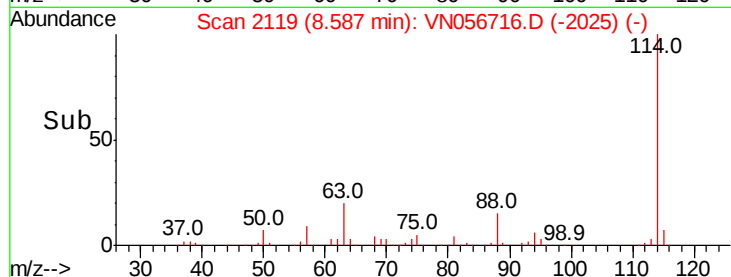
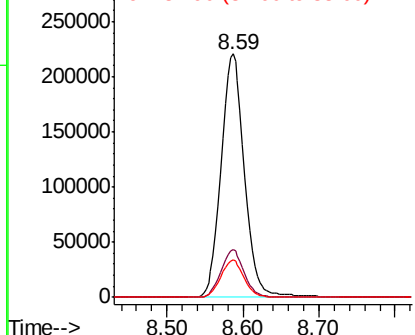
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056716.D
 Acq: 15 Jul 2019 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 LC-TB04-190712

Tot Ion:	114	Resp:	472337
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.4
88	15.3	0.0	31.2

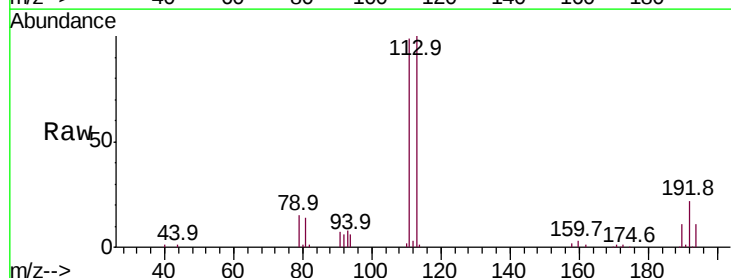


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

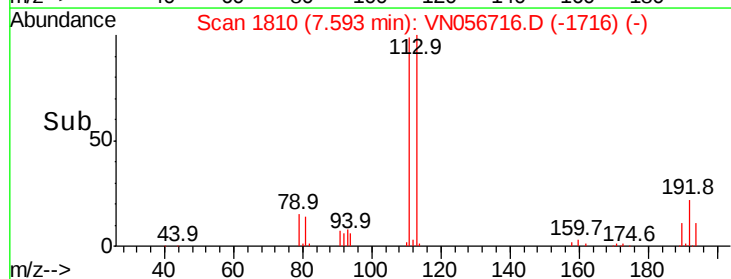
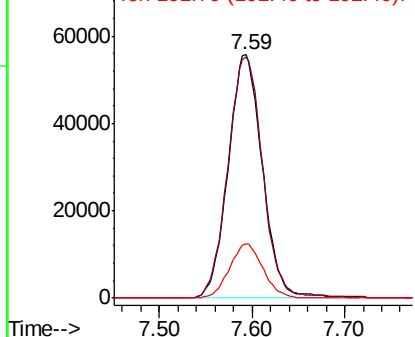


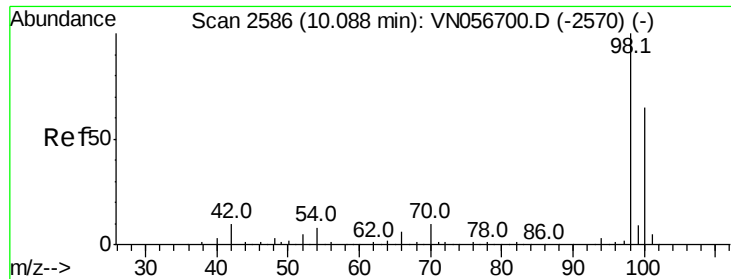
#35
 Dibromofluoromethane
 Concen: 48.368 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056716.D
 Acq: 15 Jul 2019 16:49

Tgt Ion:	113	Resp:	142174
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.6
192	21.9	17.5	26.3



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: 51.985 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056716.D

Acq: 15 Jul 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

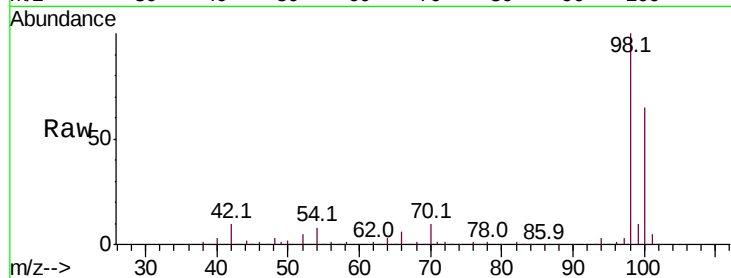
LC-TB04-190712

Tot Ion: 98 Resp: 590183

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056700.D (-2570) (-)

10.09

300000

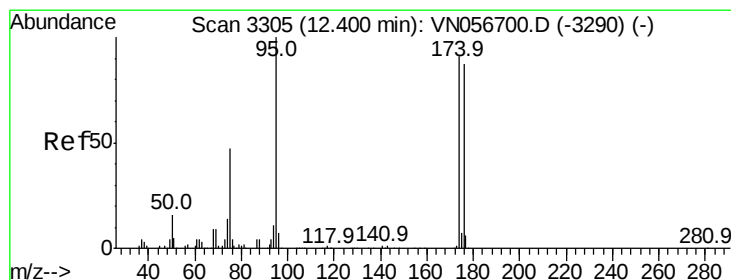
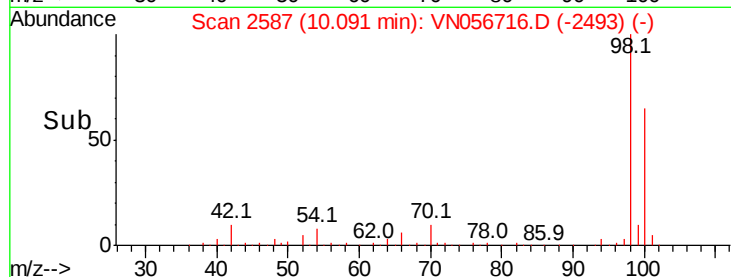
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 54.671 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056716.D

Acq: 15 Jul 2019 16:49

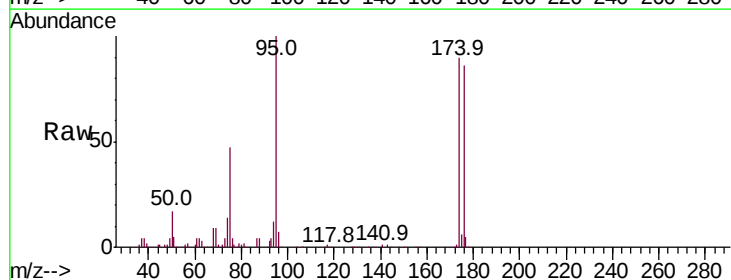
Tgt Ion: 95 Resp: 209313

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.0

176 88.5 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056700.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN056700.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN056700.D (-3290) (-)

12.40

150000

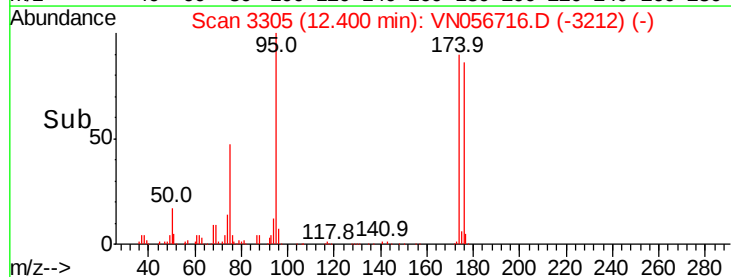
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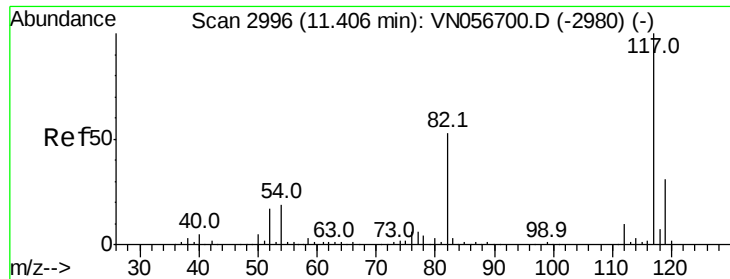
50000

0

Time-->

12.35 12.40 12.45

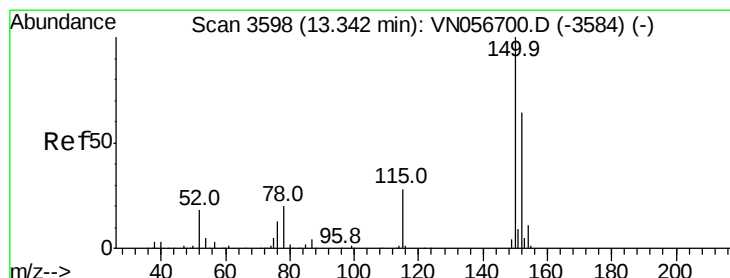
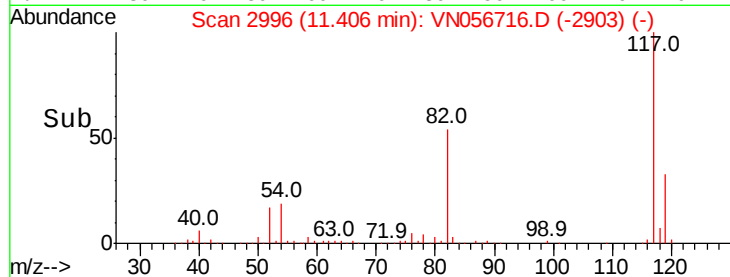
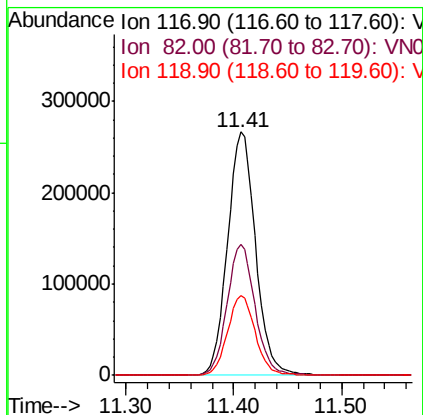
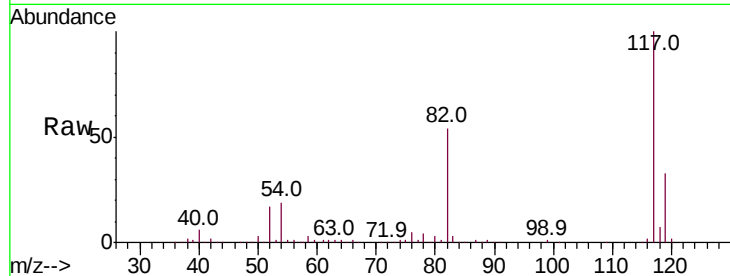




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056716.D
Acq: 15 Jul 2019 16:49

Instrument :
MSVOA_N
ClientSampleId :
LC-TB04-190712

Tot Ion:117 Resp: 480237
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.2
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056716.D
Acq: 15 Jul 2019 16:49

Tgt Ion:152 Resp: 184590
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 155.7 0.0 345.8

