

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052119\
 Data File : VN055699.D
 Acq On : 21 May 2019 11:05
 Operator : JC/SP
 Sample : K2880-02
 Misc : 3.92g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-251608

Quant Time: May 21 13:26:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	346731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	494290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	418039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	172702	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	158993	41.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.66%	
35) Dibromofluoromethane	7.59	113	148610	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
50) Toluene-d8	10.09	98	568057	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.40	95	181329	44.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.46%	

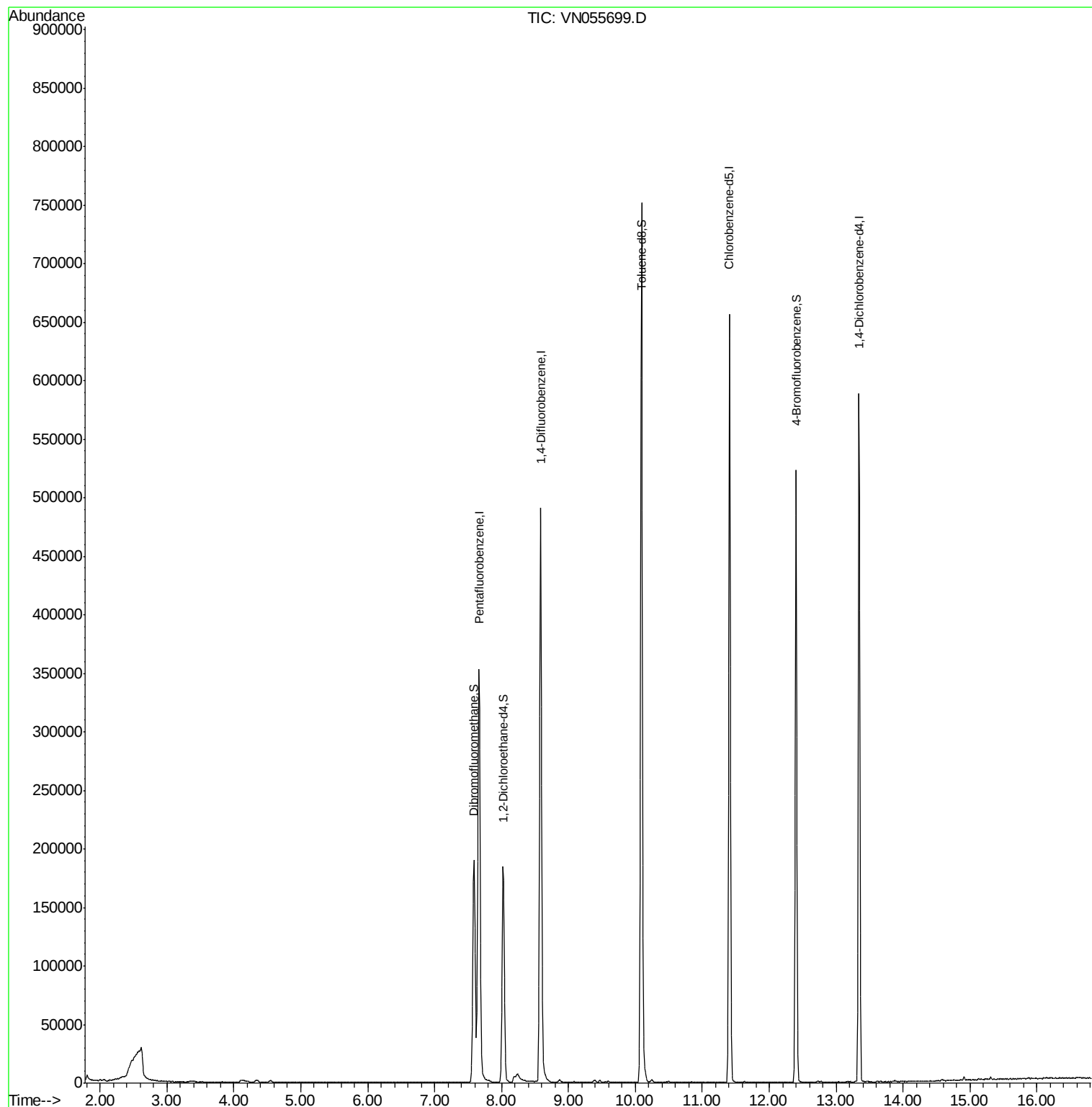
Target Compounds	Qvalue

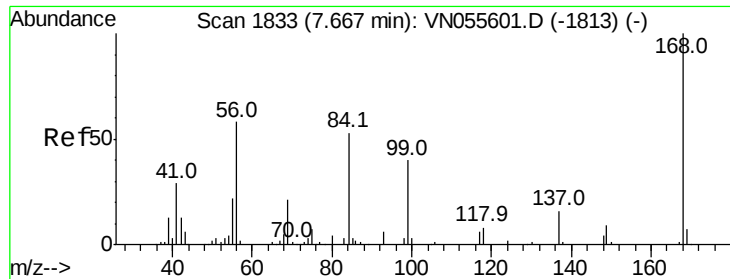
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052119\
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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: VN055699.D

Acq: 21 May 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

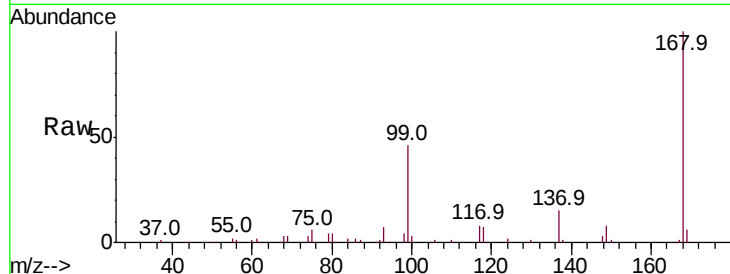
RBR-251608

Tot Ion:168 Resp: 346731

Ion Ratio Lower Upper

168 100

99 46.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

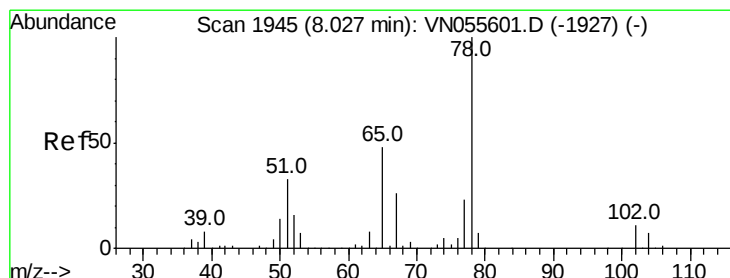
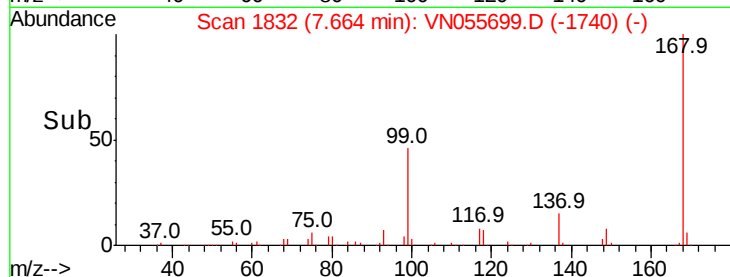
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.831 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055699.D

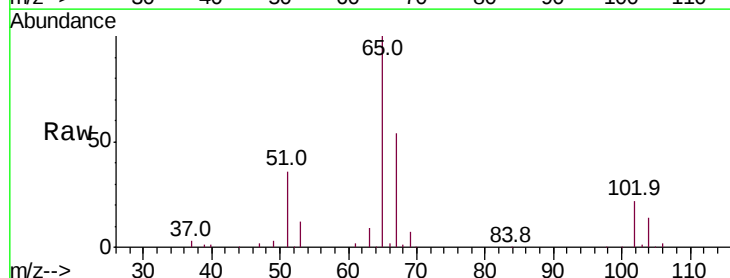
Acq: 21 May 2019 11:05

Tgt Ion: 65 Resp: 158993

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.02

80000

60000

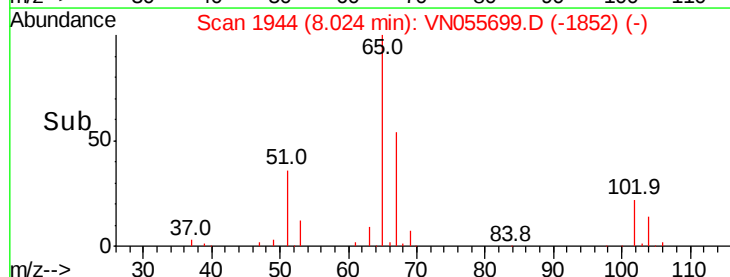
40000

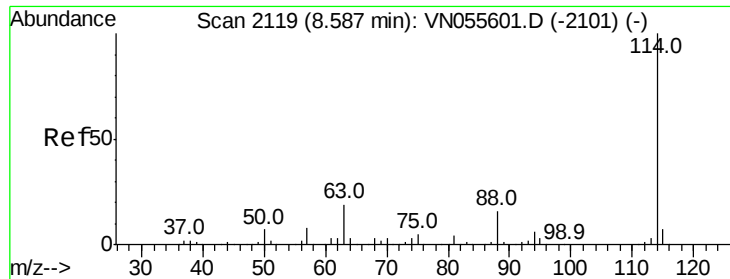
20000

0

7.90 8.00 8.10 8.20

Time-->

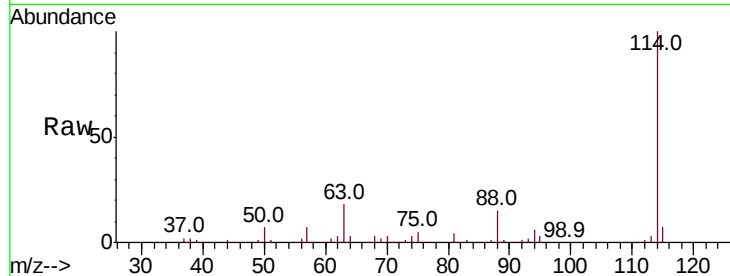




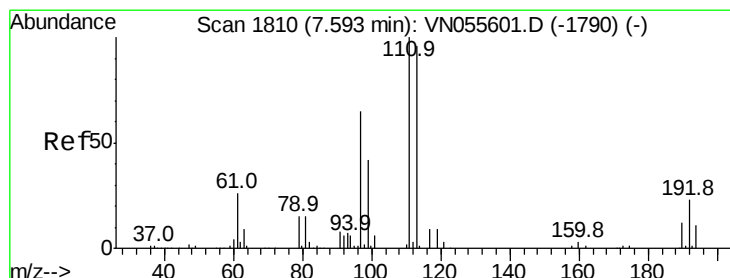
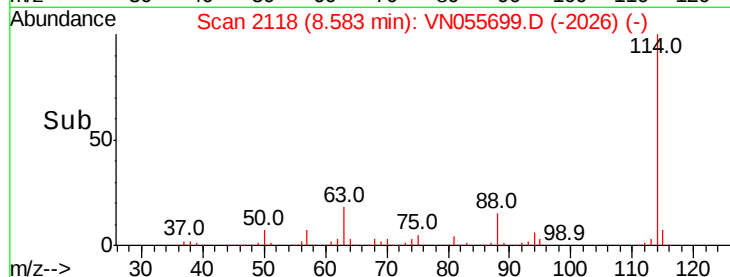
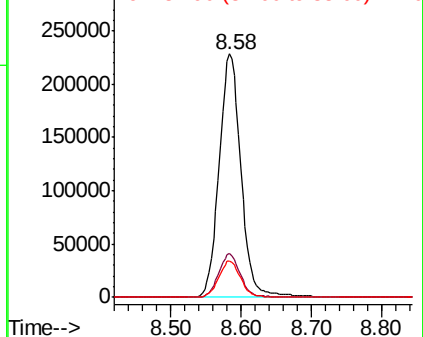
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055699.D
 Acq: 21 May 2019 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-251608

Tot Ion:114 Resp: 494290
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 38.2
 88 15.1 0.0 31.0

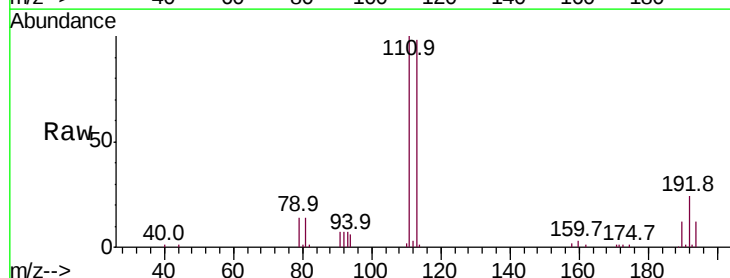


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

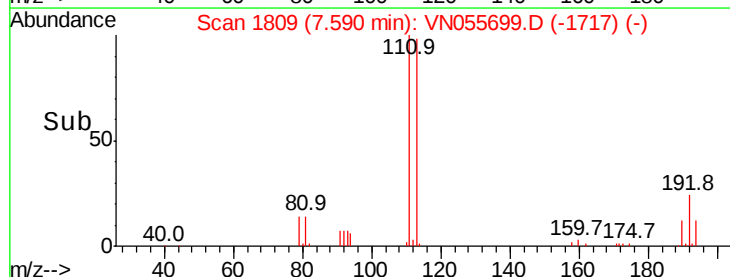
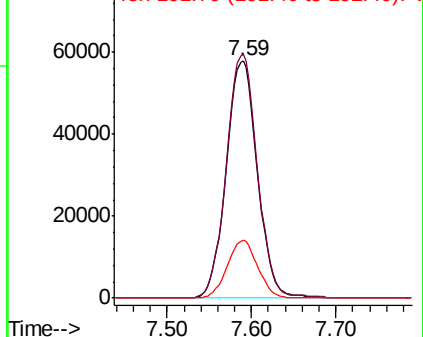


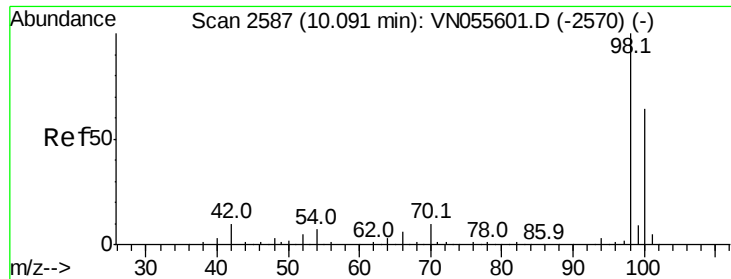
#35
 Dibromofluoromethane
 Concen: 47.329 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055699.D
 Acq: 21 May 2019 11:05

Tgt Ion:113 Resp: 148610
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.5 123.7
 192 23.8 18.7 28.1



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: 47.846 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055699.D

Acq: 21 May 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

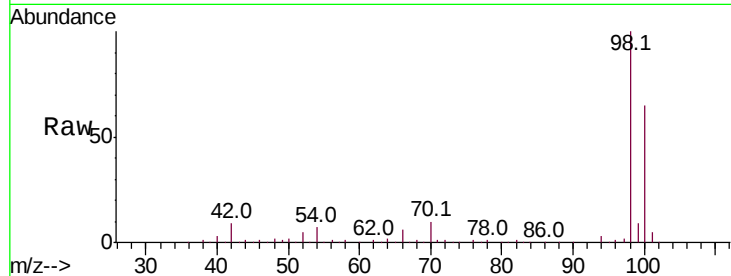
RBR-251608

Tot Ion: 98 Resp: 568057

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

300000

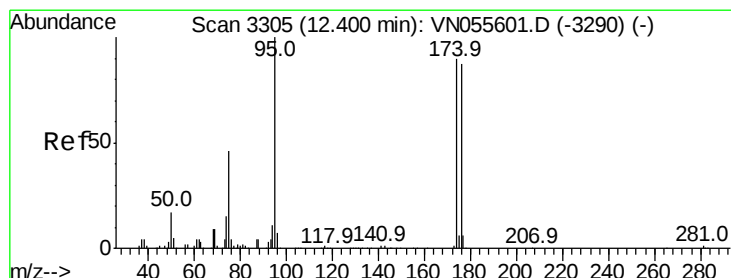
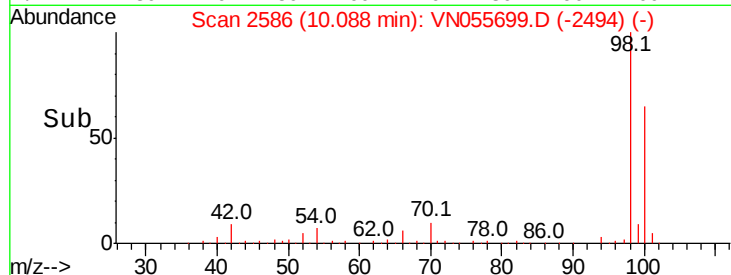
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 44.229 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055699.D

Acq: 21 May 2019 11:05

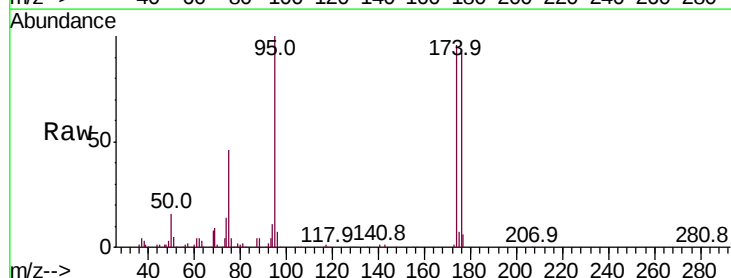
Tgt Ion: 95 Resp: 181329

Ion Ratio Lower Upper

95 100

174 96.4 0.0 180.6

176 93.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

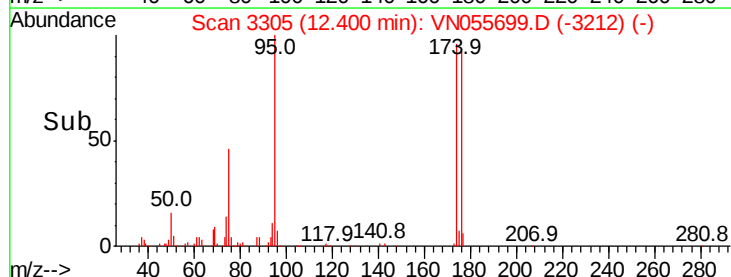
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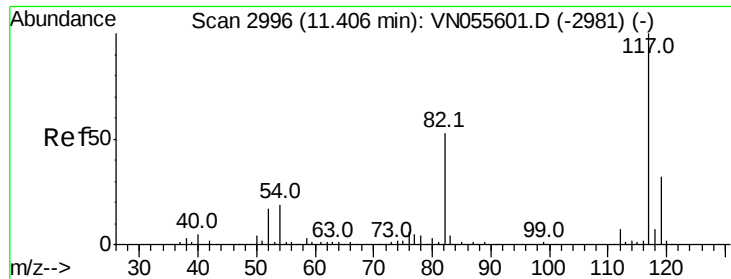
50000

0

Time-->

12.35 12.40 12.45 12.50

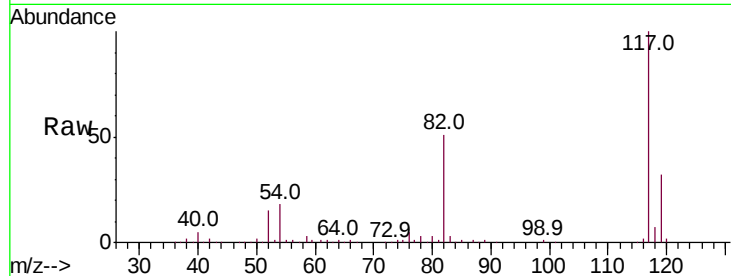




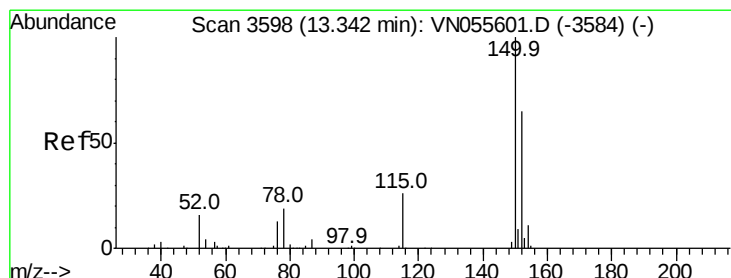
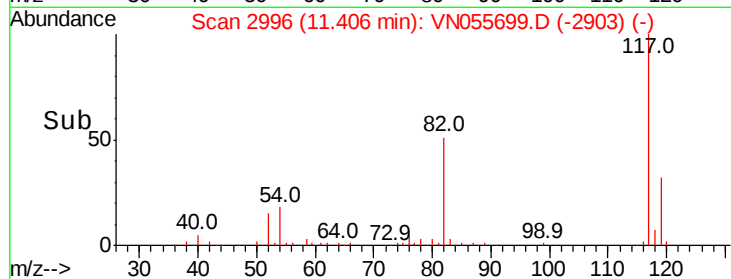
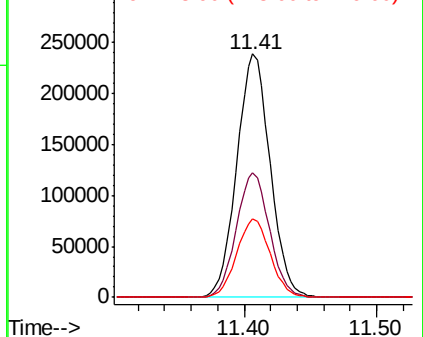
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055699.D
Acq: 21 May 2019 11:05

Instrument :
MSVOA_N
ClientSampled :
RBR-251608

Tot Ion:117 Resp: 418039
Ion Ratio Lower Upper
117 100
82 51.1 42.3 63.5
119 32.0 25.4 38.2

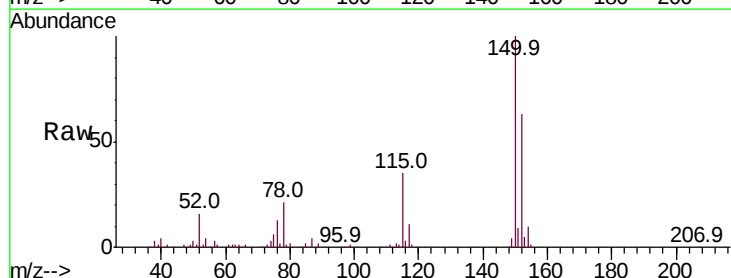


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055699.D
Acq: 21 May 2019 11:05

Tgt Ion:152 Resp: 172702
Ion Ratio Lower Upper
152 100
115 54.7 28.1 84.2
150 158.2 0.0 348.0



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

