

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056337.D
 Acq On : 17 Jun 2019 13:59
 Operator : JC/SP
 Sample : K3366-05 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BRANCH-LEAVES

Quant Time: Jun 18 05:11:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	338062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	562453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	559441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163130	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	190446	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.59	113	169828	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.09	98	702546	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.40	95	223773	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

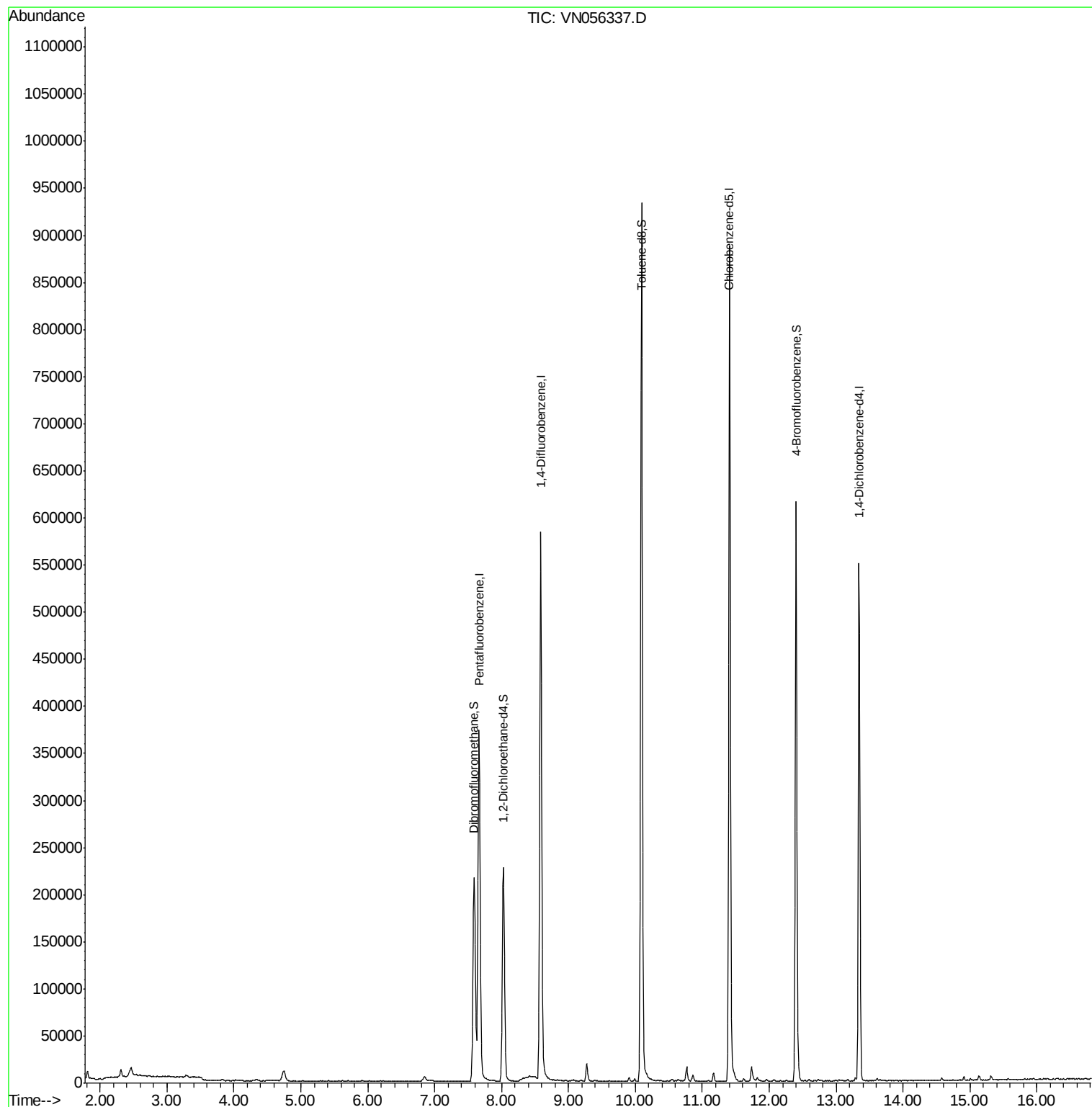
Target Compounds	Qvalue
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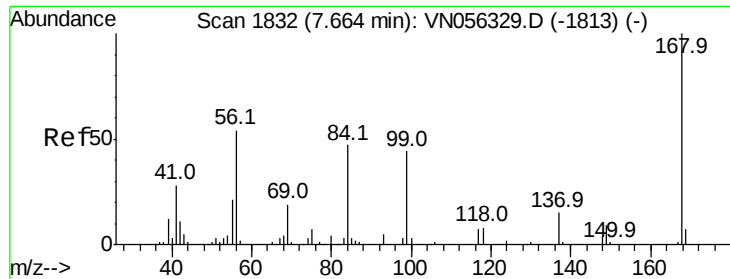
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061719\
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Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
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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: VN056337.D

Acq: 17 Jun 2019 13:59

Instrument :

MSVOA_N

ClientSampleId :

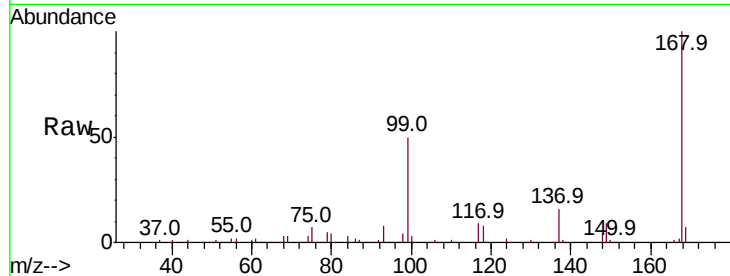
BRANCH-LEAVES

Tot Ion:168 Resp: 338062

Ion Ratio Lower Upper

168 100

99 49.8 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

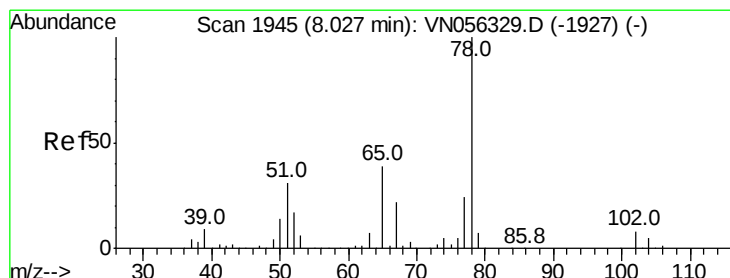
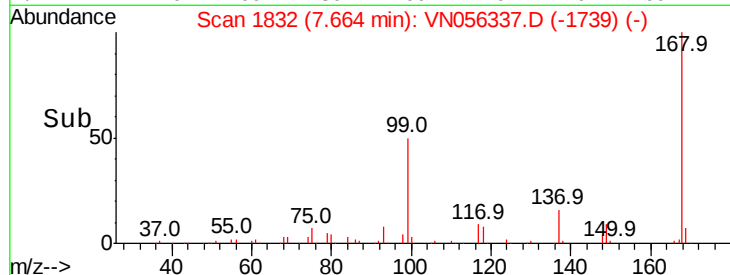
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.102 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056337.D

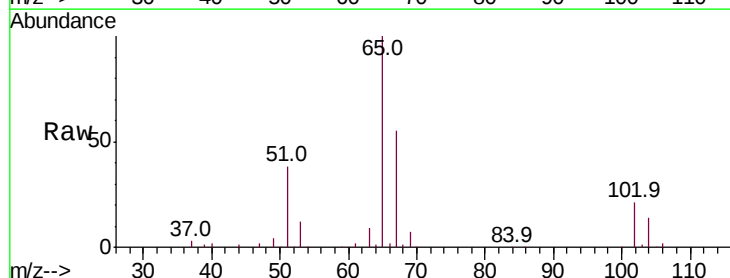
Acq: 17 Jun 2019 13:59

Tgt Ion: 65 Resp: 190446

Ion Ratio Lower Upper

65 100

67 55.4 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

80000

60000

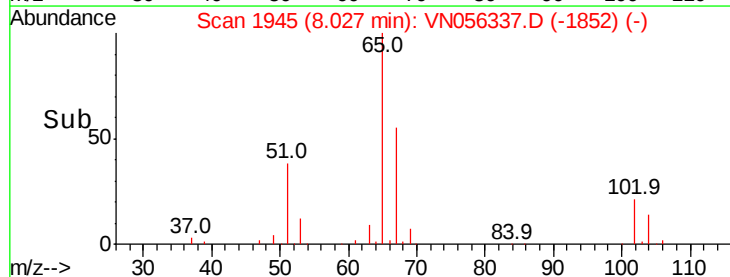
40000

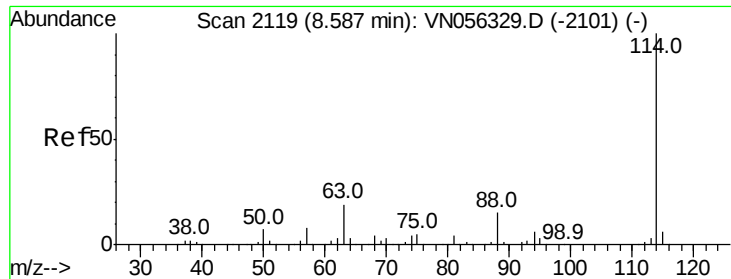
20000

0

7.90 8.00 8.10

Time-->

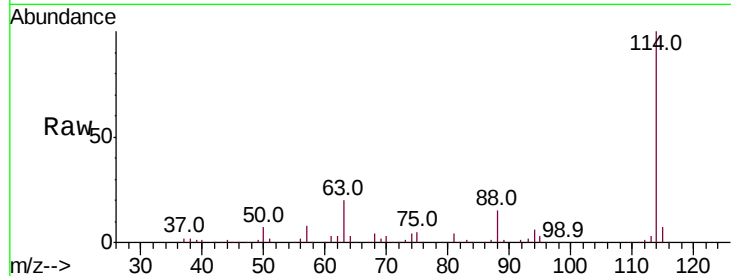




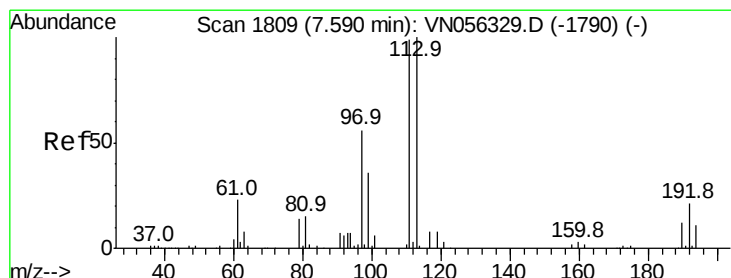
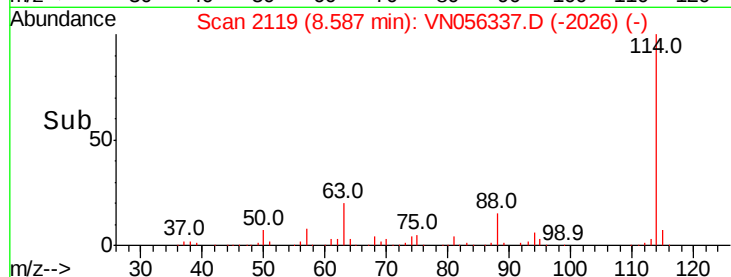
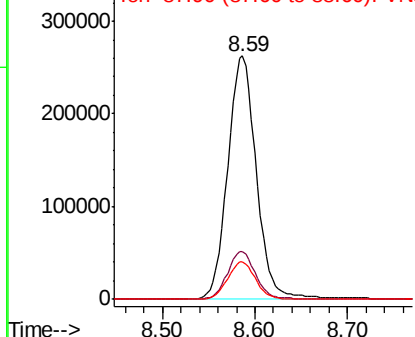
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN056337.D
 Acq: 17 Jun 2019 13:59

Instrument :
 MSVOA_N
 ClientSampleId :
 BRANCH-LEAVES

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.8
88	15.4	0.0	30.6

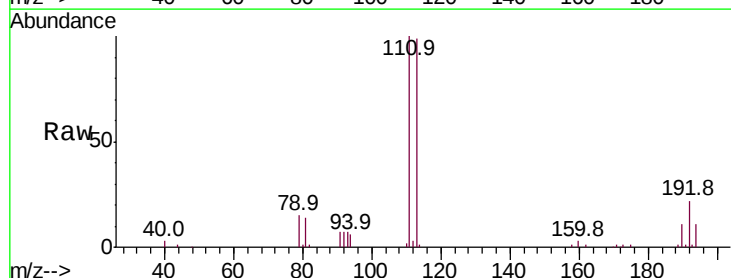


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

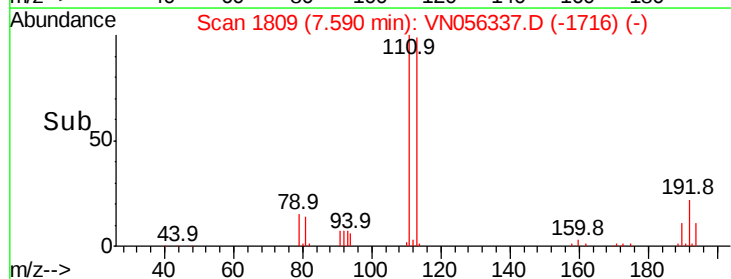
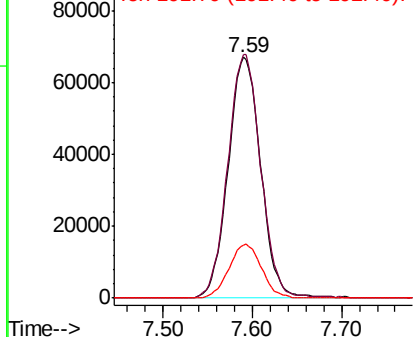


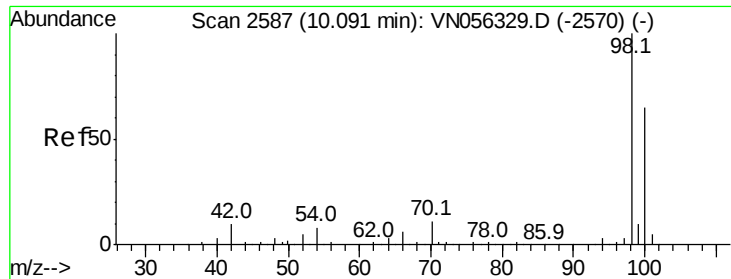
#35
 Dibromofluoromethane
 Concen: 47.084 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056337.D
 Acq: 17 Jun 2019 13:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	22.4	17.6	26.4



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: 50.986 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN056337.D

Acq: 17 Jun 2019 13:59

Instrument :

MSVOA_N

ClientSampleId :

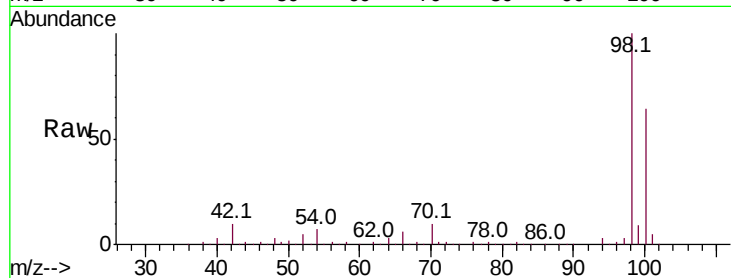
BRANCH-LEAVES

Tot Ion: 98 Resp: 702546

Ion Ratio Lower Upper

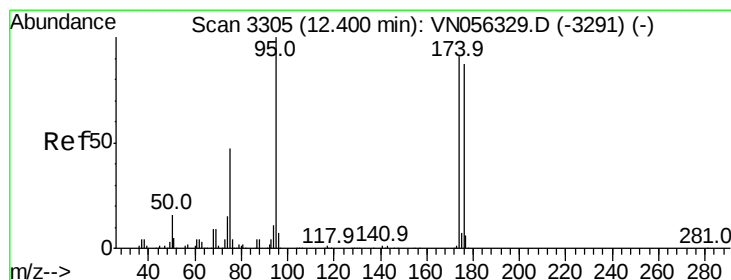
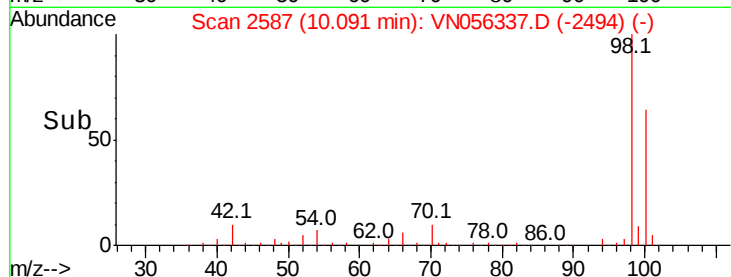
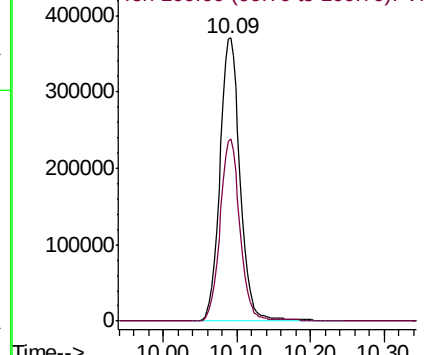
98 100

100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 49.008 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056337.D

Acq: 17 Jun 2019 13:59

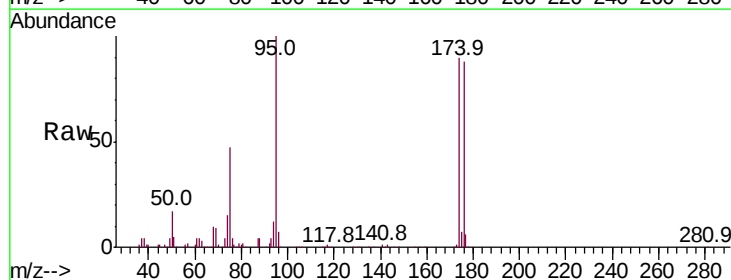
Tgt Ion: 95 Resp: 223773

Ion Ratio Lower Upper

95 100

174 90.0 0.0 182.6

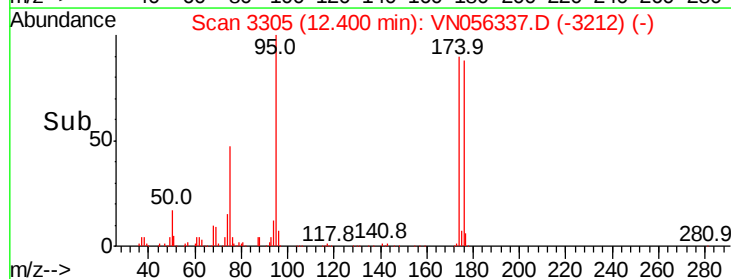
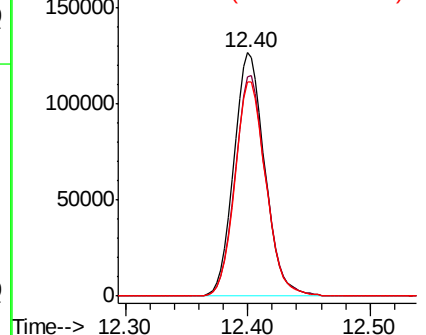
176 88.0 0.0 176.8

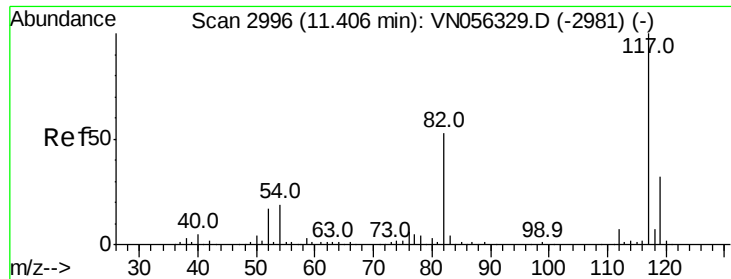


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056337.D

Acq: 17 Jun 2019 13:59

Instrument :

MSVOA_N

ClientSampleId :

BRANCH-LEAVES

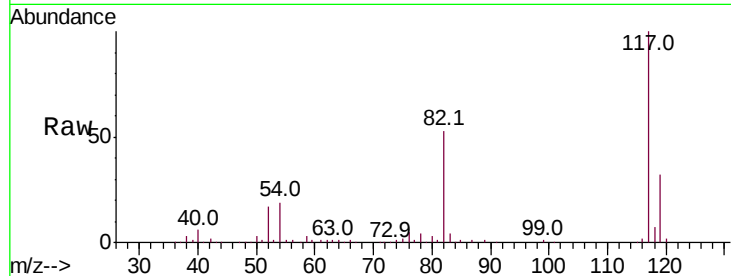
Tot Ion:117 Resp: 559441

Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

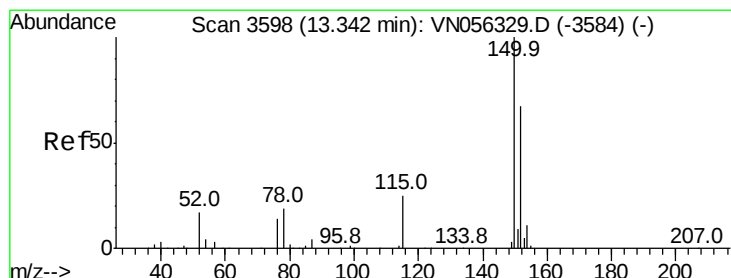
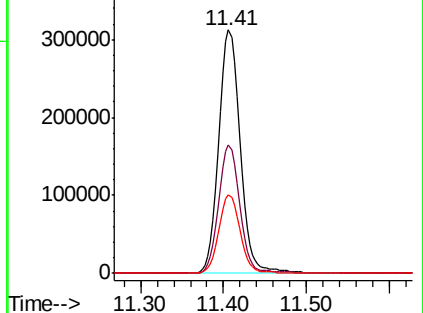
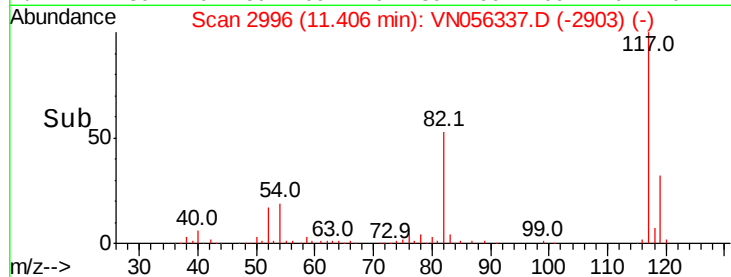
119 32.4 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN056337.D

Acq: 17 Jun 2019 13:59

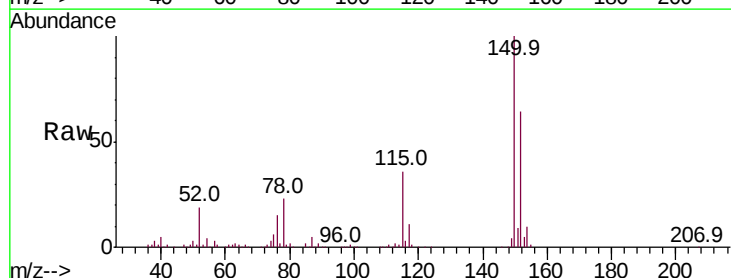
Tgt Ion:152 Resp: 163130

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.3

150 155.8 0.0 345.8



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

