

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN053119\
 Data File : VN055908.D
 Acq On : 31 May 2019 10:32
 Operator : JC/SP
 Sample : VN0531MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531MBL01

Quant Time: May 31 19:13:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	322502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	493055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	435595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139700	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	164721	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
35) Dibromofluoromethane	7.59	113	147516	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
50) Toluene-d8	10.09	98	584671	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.40	95	178153	43.45	ug/l	0.00
Spiked Amount			Recovery	=	86.90%	

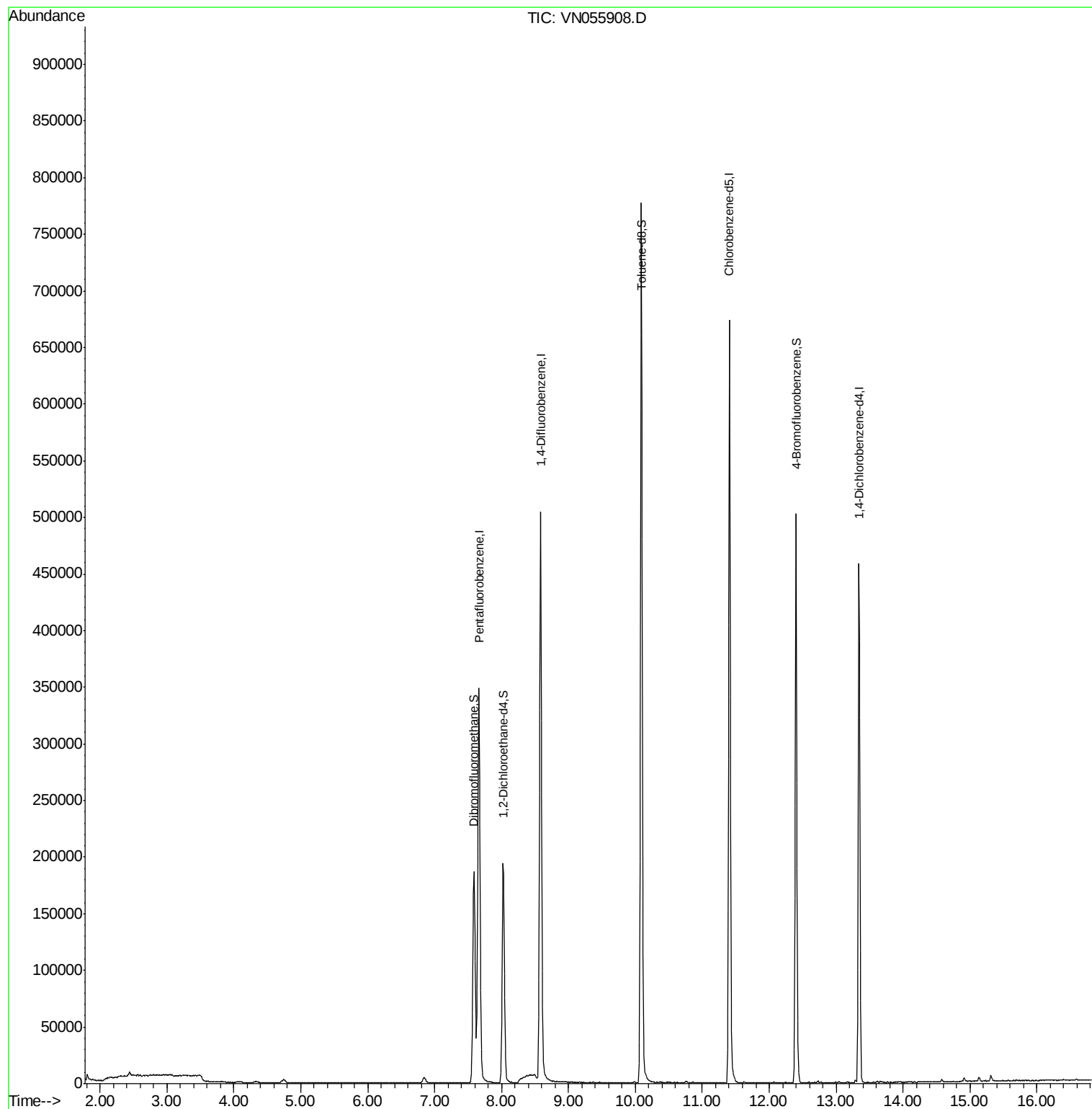
Target Compounds	Qvalue
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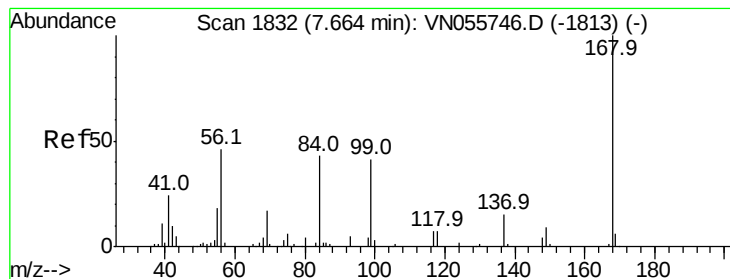
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN053119\
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Quant Title : SW846 8260
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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: VN055908.D

Acq: 31 May 2019 10:32

Instrument :

MSVOA_N

ClientSampled :

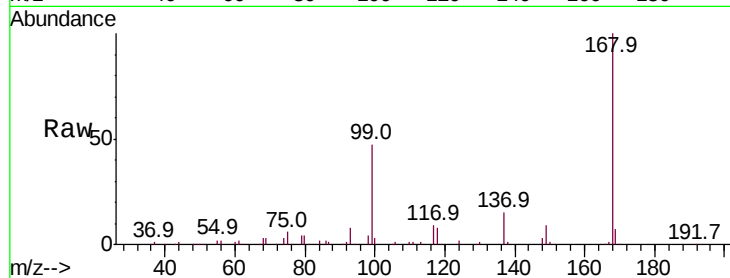
VN0531MBL01

Tot Ion:168 Resp: 322502

Ion Ratio Lower Upper

168 100

99 46.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055746.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055746.D (-1813) (-)

7.66

150000

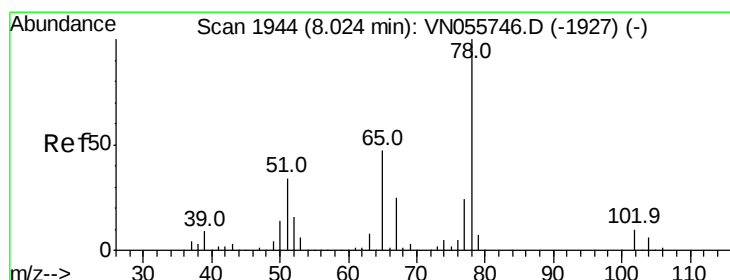
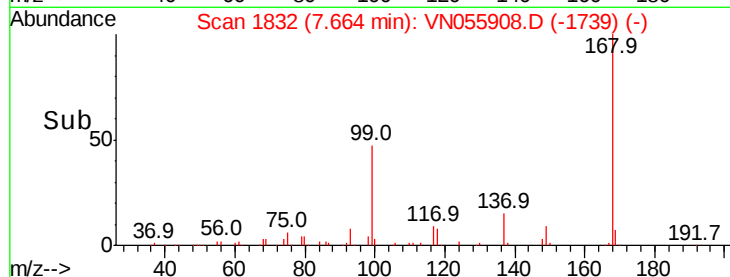
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.458 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055908.D

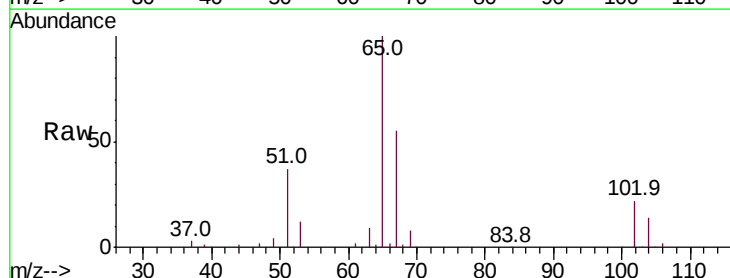
Acq: 31 May 2019 10:32

Tgt Ion: 65 Resp: 164721

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055746.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN055746.D (-1927) (-)

8.03

80000

60000

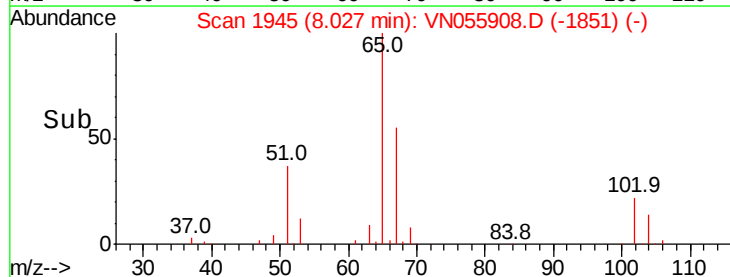
40000

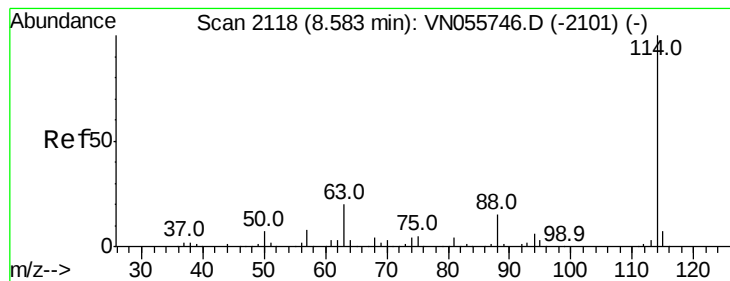
20000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055908.D

Acq: 31 May 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VN0531MBL01

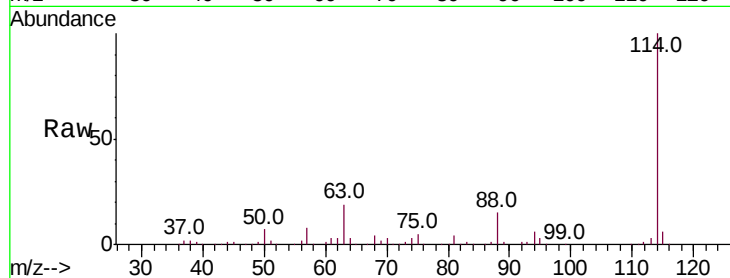
Tot Ion:114 Resp: 493055

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

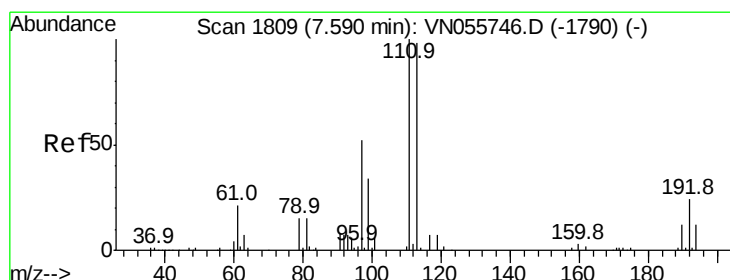
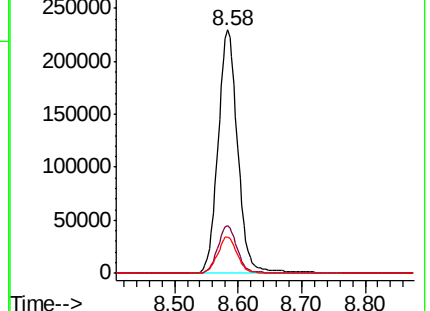
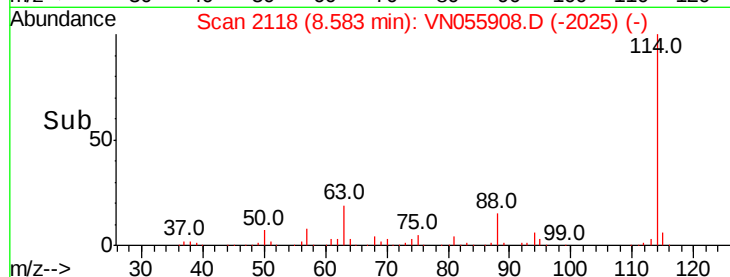
88 15.0 0.0 31.0



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: 47.322 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN055908.D

Acq: 31 May 2019 10:32

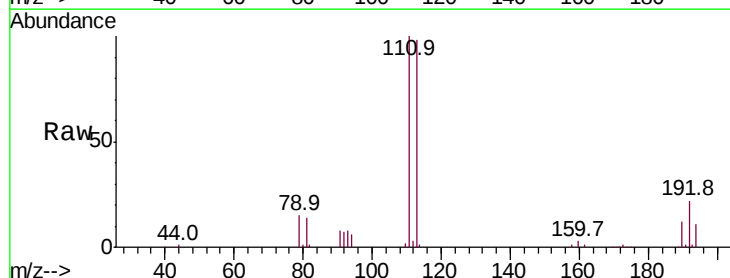
Tgt Ion:113 Resp: 147516

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

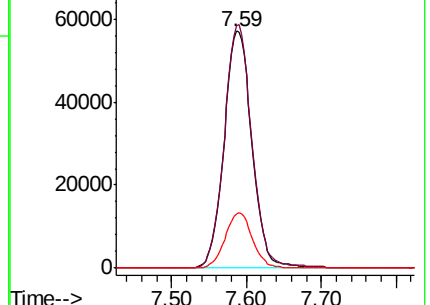
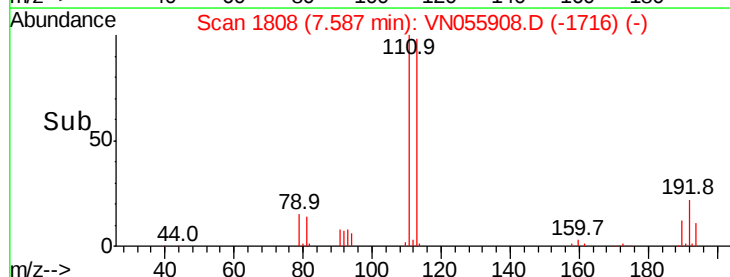
192 22.8 19.5 29.3

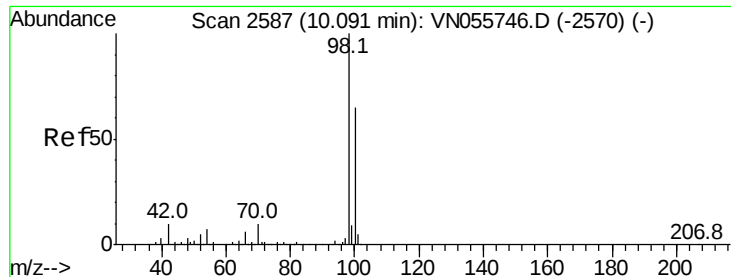


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.896 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055908.D

Acq: 31 May 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

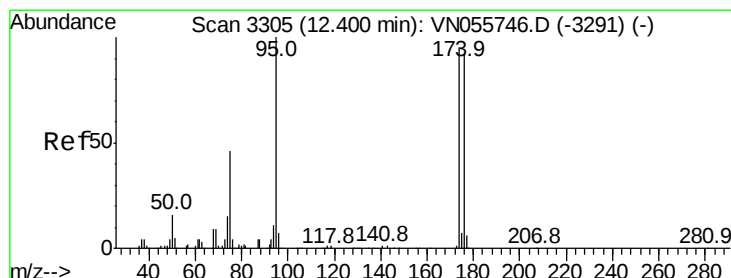
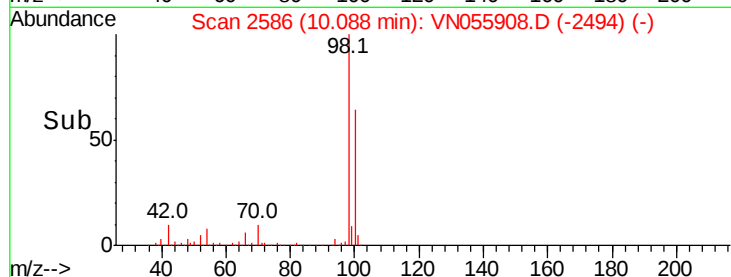
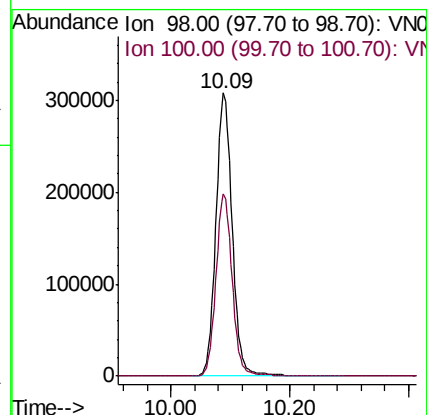
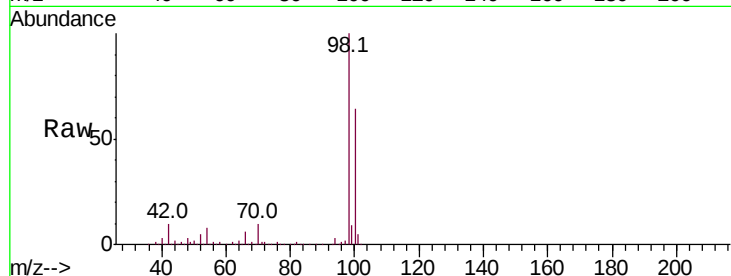
VN0531MBL01

Tot Ion: 98 Resp: 584671

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 43.451 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055908.D

Acq: 31 May 2019 10:32

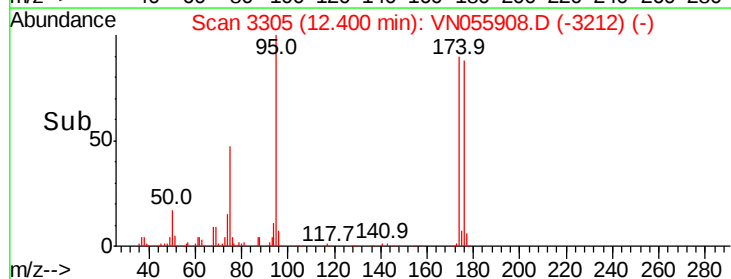
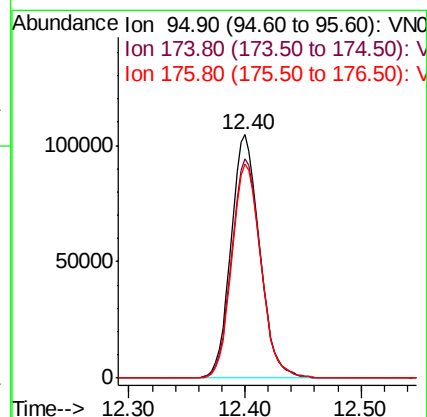
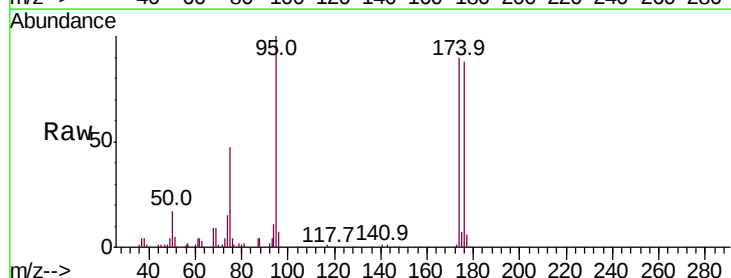
Tgt Ion: 95 Resp: 178153

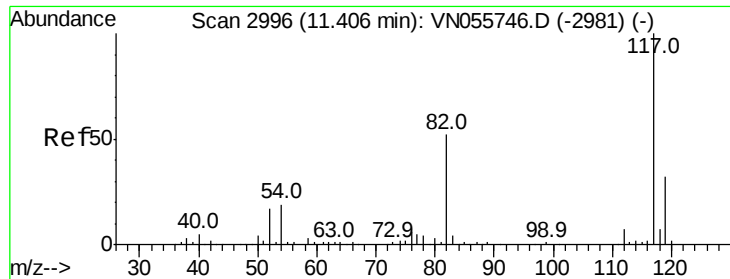
Ion Ratio Lower Upper

95 100

174 91.5 0.0 191.0

176 89.1 0.0 185.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055908.D

Acq: 31 May 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VN0531MBL01

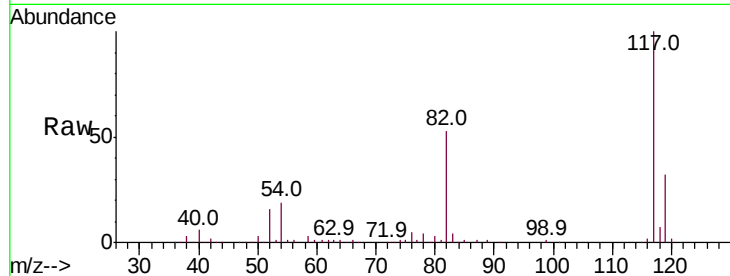
Tot Ion:117 Resp: 435595

Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.8

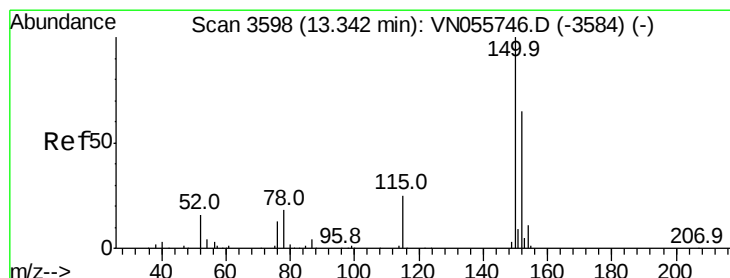
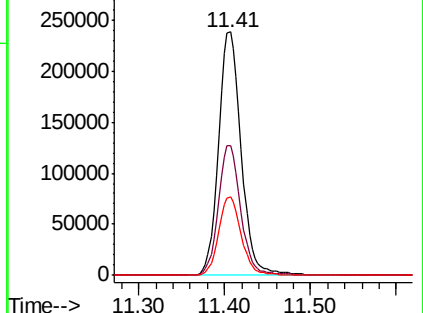
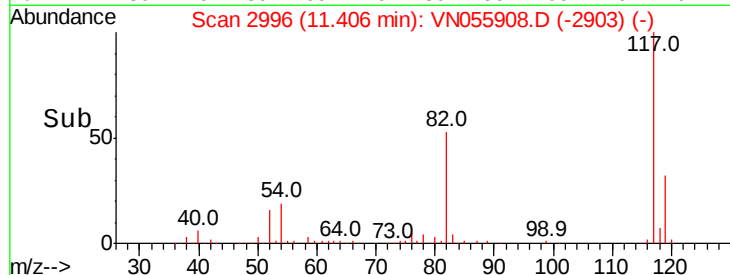
119 32.2 25.4 38.0



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: VN055908.D

Acq: 31 May 2019 10:32

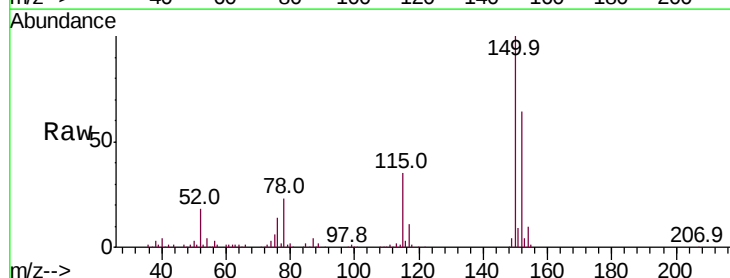
Tgt Ion:152 Resp: 139700

Ion Ratio Lower Upper

152 100

115 54.0 27.0 81.0

150 156.5 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

