

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055622.D
 Acq On : 17 May 2019 19:55
 Operator : JC/SP
 Sample : K2902-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FM-EA-3MW09-051619

Quant Time: May 18 04:02:47 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	7.67	168	407634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	573800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	183266	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	191361	42.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.64%	
35) Dibromofluoromethane	7.59	113	175780	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	10.09	98	667940	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.40	95	206621	43.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.82%	

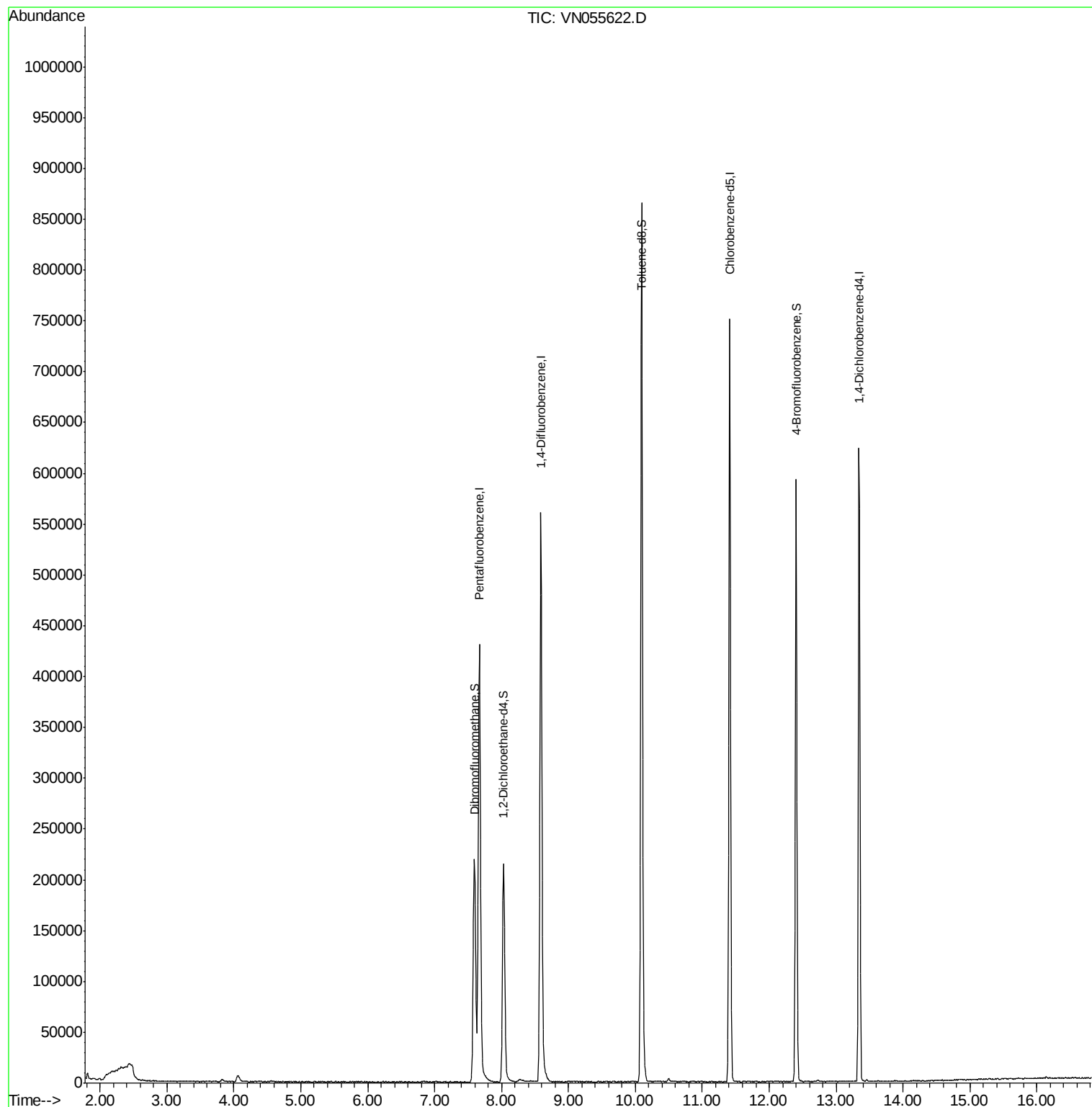
Target Compounds	Qvalue
------------------	--------

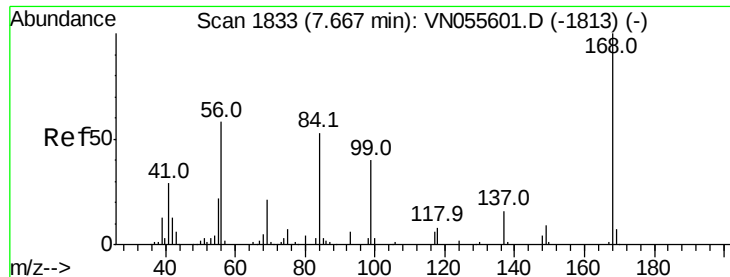
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051719\
Data File : VN055622.D
Acq On : 17 May 2019 19:55
Operator : JC/SP
Sample : K2902-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM-EA-3MW09-051619

Quant Time: May 18 04:02:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055622.D

Acq: 17 May 2019 19:55

Instrument :

MSVOA_N

ClientSampleId :

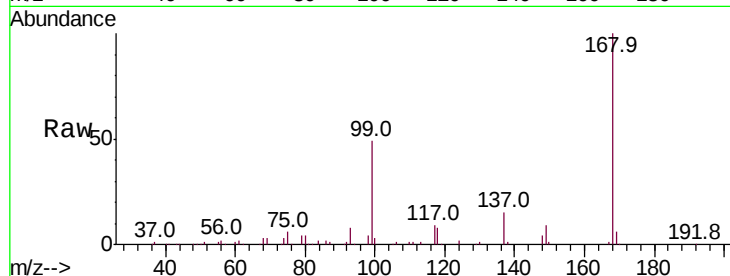
FM-EA-3MW09-051619

Tot Ion:168 Resp: 407634

Ion Ratio Lower Upper

168 100

99 48.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

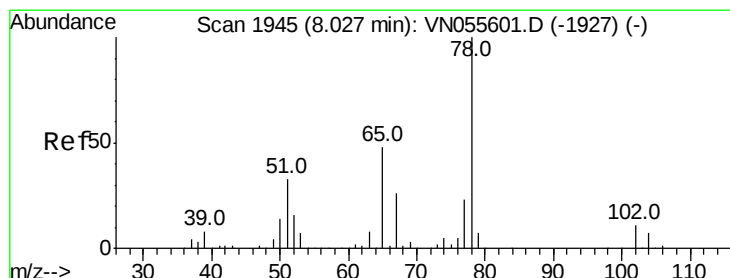
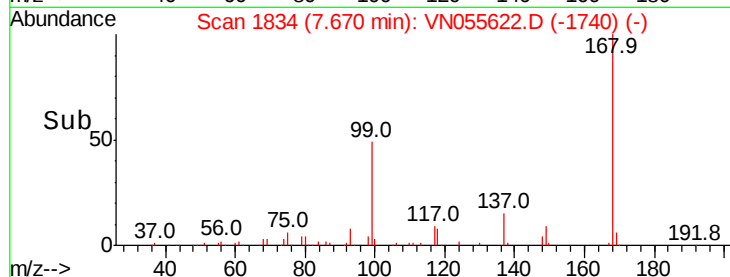
100000

50000

0

Time-->

7.60 7.80



#33

1,2-Dichloroethane-d4

Concen: 42.824 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055622.D

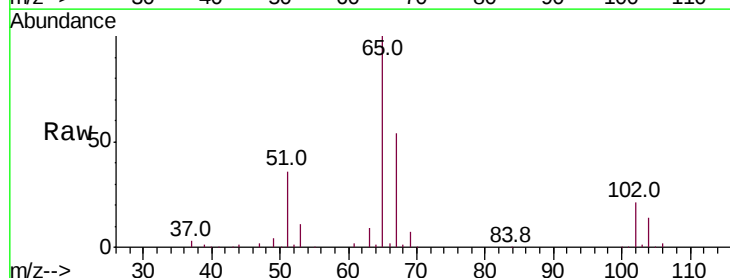
Acq: 17 May 2019 19:55

Tgt Ion: 65 Resp: 191361

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

80000

60000

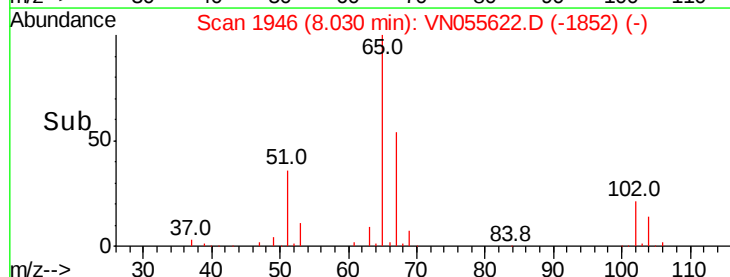
40000

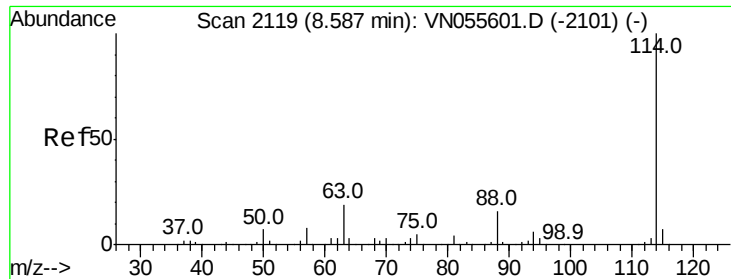
20000

0

Time-->

7.90 8.00 8.10 8.20

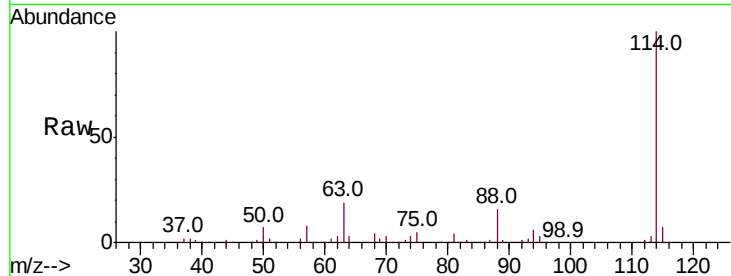




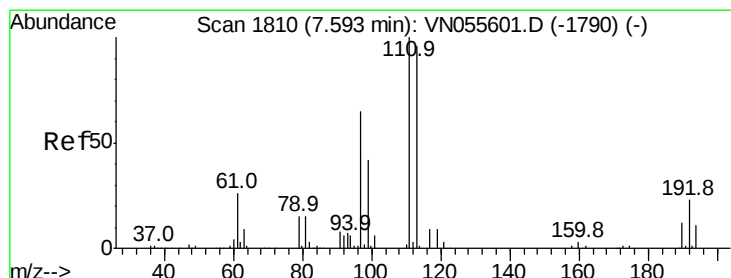
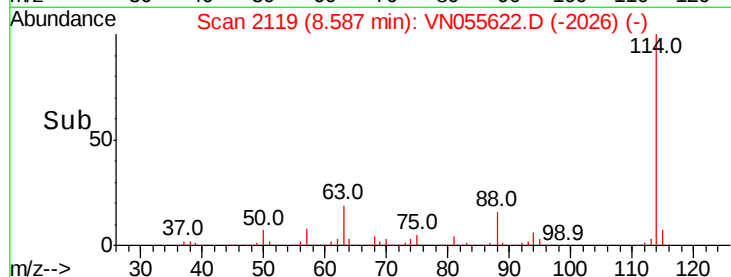
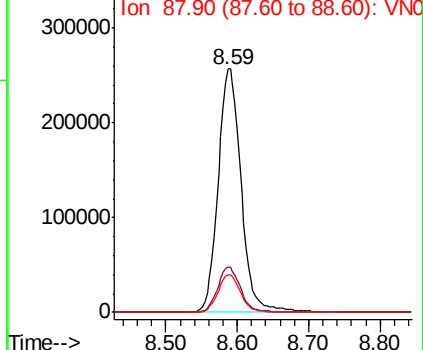
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055622.D
 Acq: 17 May 2019 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 FM-EA-3MW09-051619

Tot Ion:114 Resp: 573800
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.2
 88 15.5 0.0 31.0

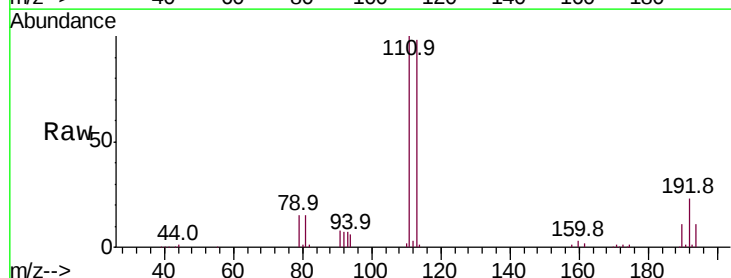


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

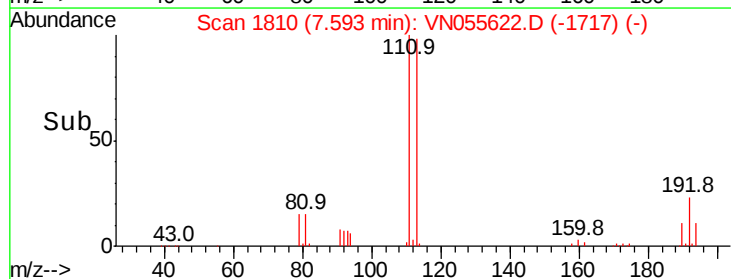
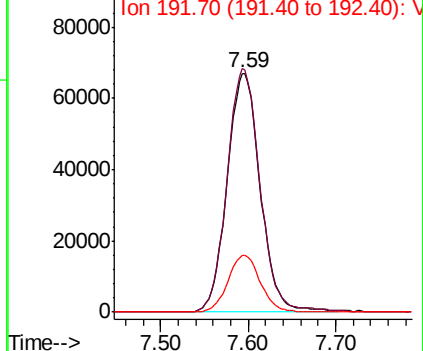


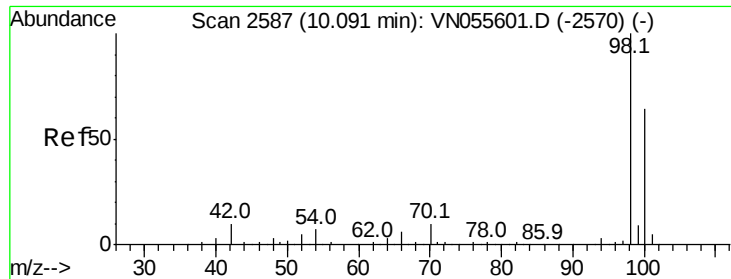
#35
 Dibromofluoromethane
 Concen: 48.225 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055622.D
 Acq: 17 May 2019 19:55

Tgt Ion:113 Resp: 175780
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.5 123.7
 192 23.4 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: 48.463 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055622.D

Acq: 17 May 2019 19:55

Instrument :

MSVOA_N

ClientSampleId :

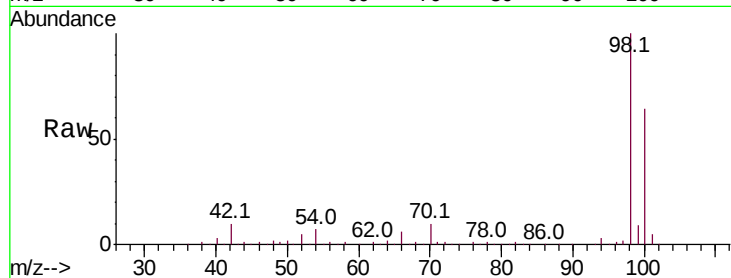
FM-EA-3MW09-051619

Tot Ion: 98 Resp: 667940

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055601.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055601.D (-2570) (-)

10.09

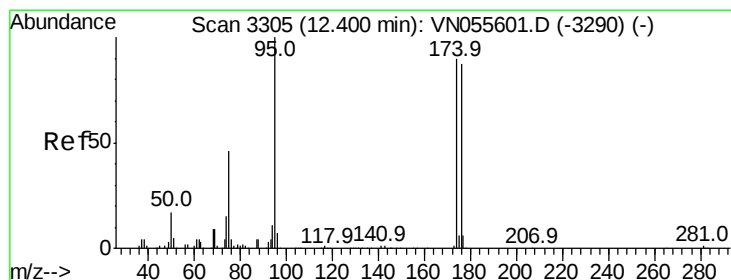
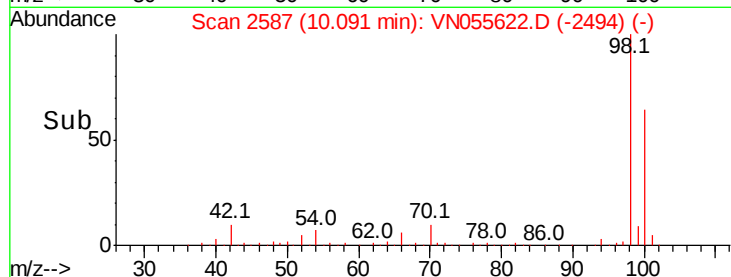
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.415 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055622.D

Acq: 17 May 2019 19:55

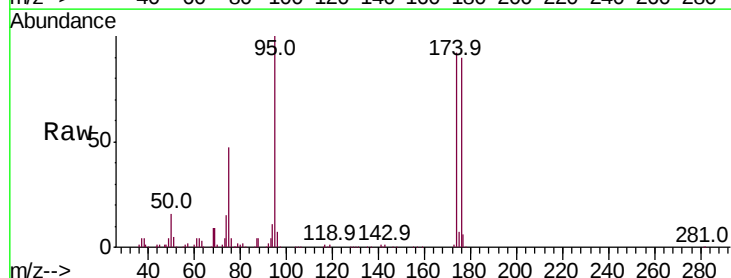
Tgt Ion: 95 Resp: 206621

Ion Ratio Lower Upper

95 100

174 92.6 0.0 180.6

176 90.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055601.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN055601.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN055601.D (-3290) (-)

12.40

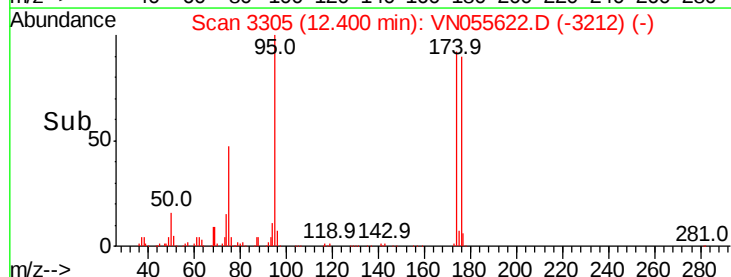
150000

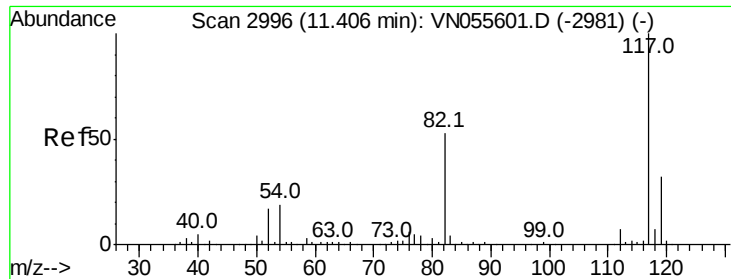
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055622.D

Acq: 17 May 2019 19:55

Instrument :

MSVOA_N

ClientSampleId :

FM-EA-3MW09-051619

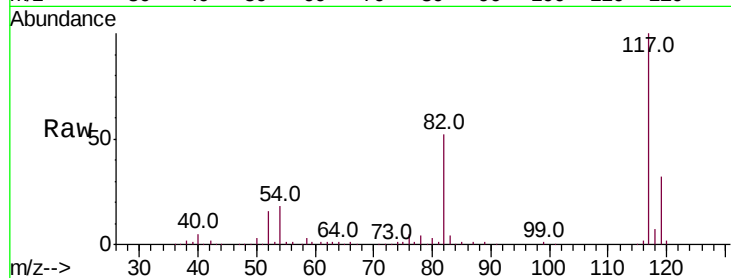
Tot Ion:117 Resp: 478852

Ion Ratio Lower Upper

117 100

82 52.2 42.3 63.5

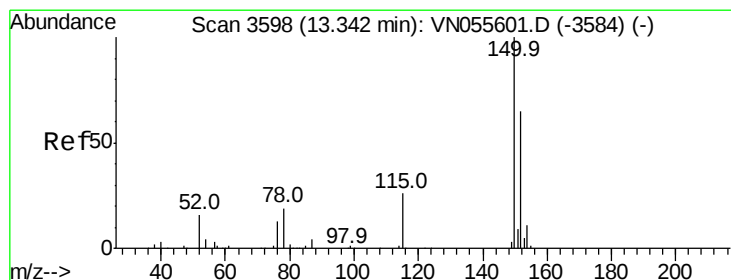
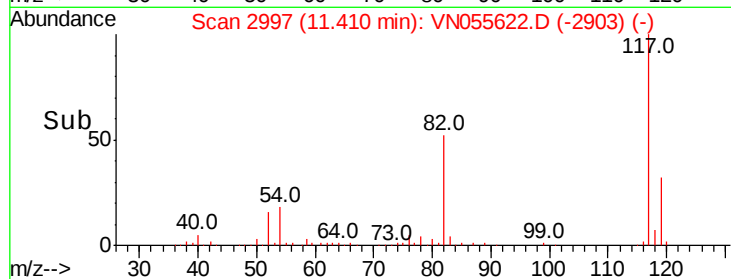
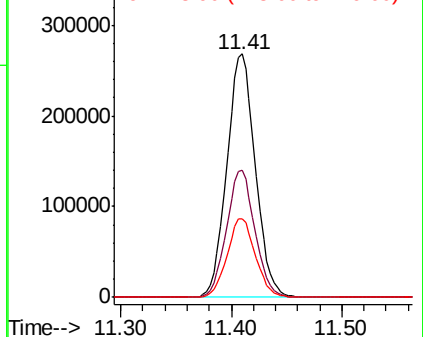
119 32.4 25.4 38.2



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055622.D

Acq: 17 May 2019 19:55

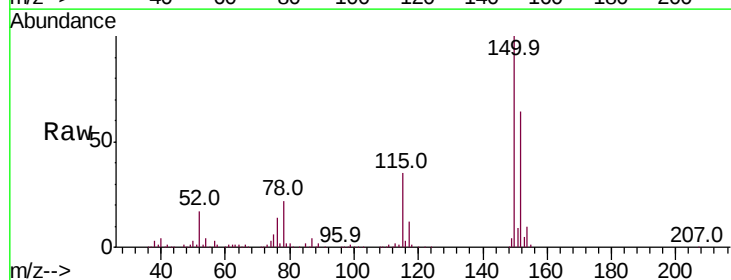
Tgt Ion:152 Resp: 183266

Ion Ratio Lower Upper

152 100

115 55.4 28.1 84.2

150 157.2 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

