

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN052419\
 Data File : VN055785.D
 Acq On : 24 May 2019 10:42
 Operator : JC/SP
 Sample : VN0524WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBL02

Quant Time: May 24 11:15:08 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	417034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	594689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	536358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	197187	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	195430	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
35) Dibromofluoromethane	7.59	113	179776	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	10.09	98	700109	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	12.40	95	229395	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	

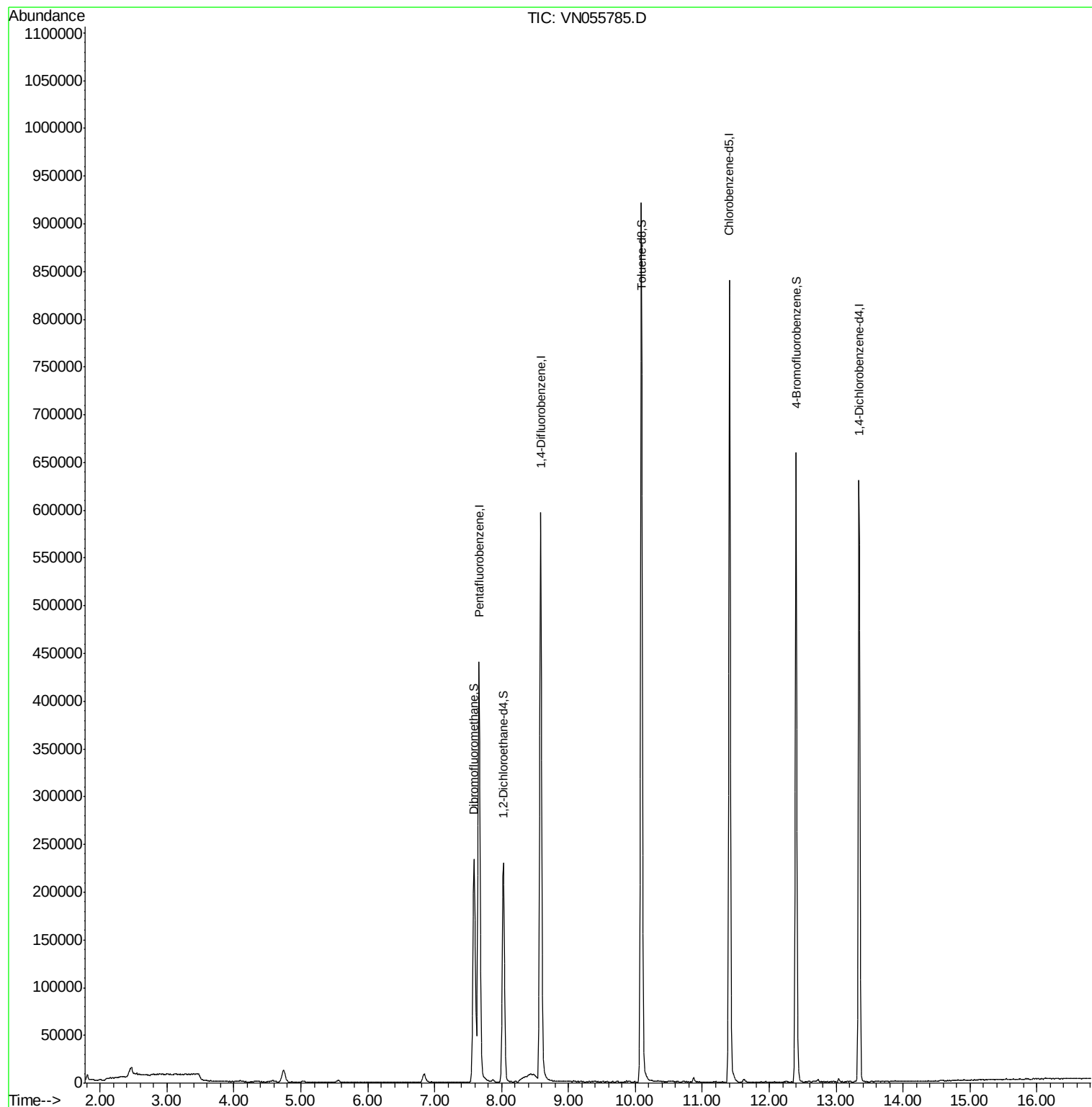
Target Compounds	Qvalue

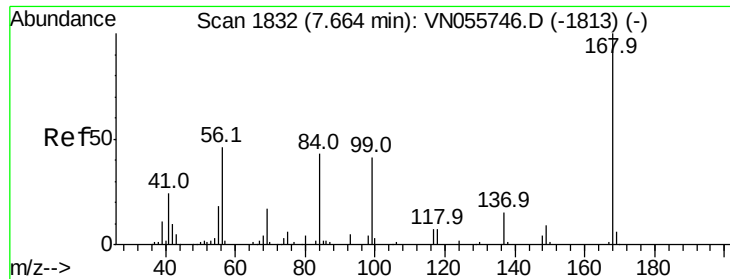
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055785.D

Acq: 24 May 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

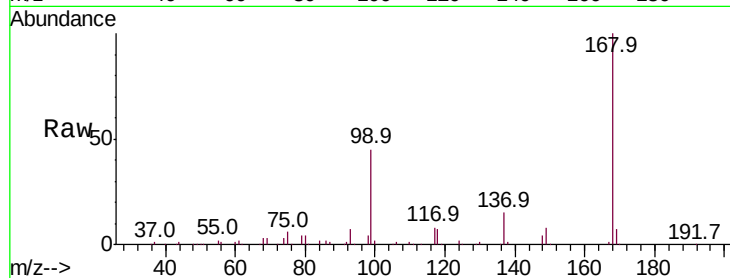
VN0524WBL02

Tot Ion:168 Resp: 417034

Ion Ratio Lower Upper

168 100

99 44.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

100000

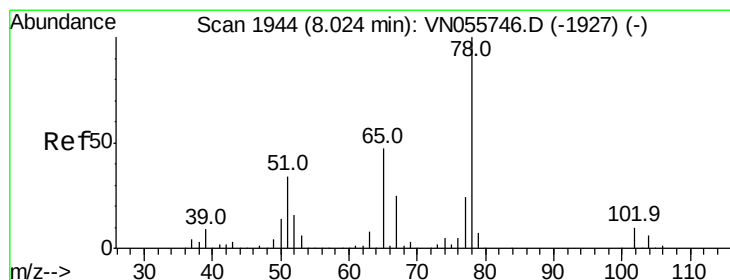
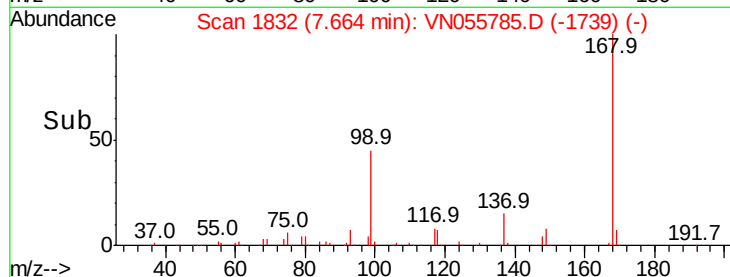
50000

0

7.66

7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.377 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055785.D

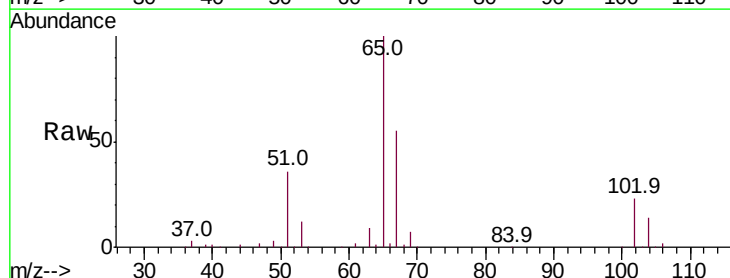
Acq: 24 May 2019 10:42

Tgt Ion: 65 Resp: 195430

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

100000

80000

60000

40000

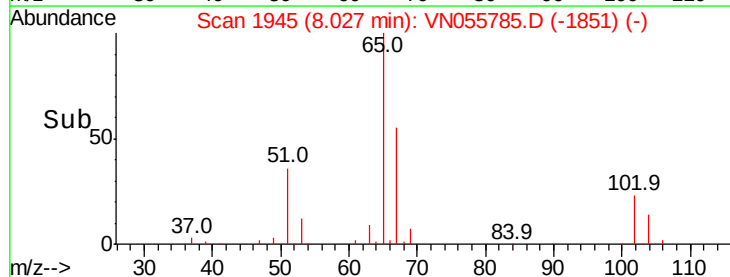
20000

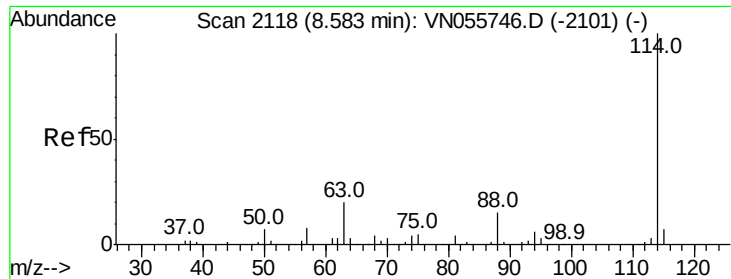
0

8.03

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: VN055785.D

Acq: 24 May 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBL02

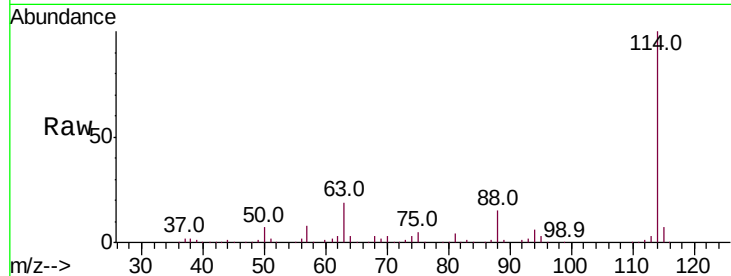
Tot Ion:114 Resp: 594689

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

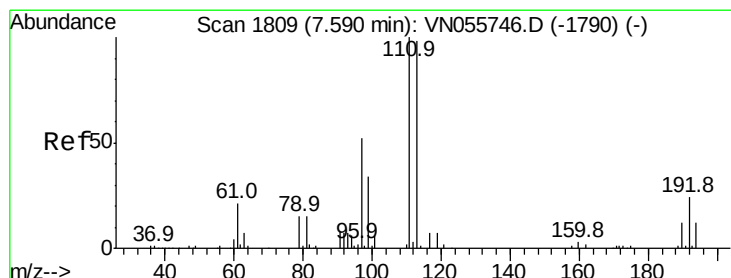
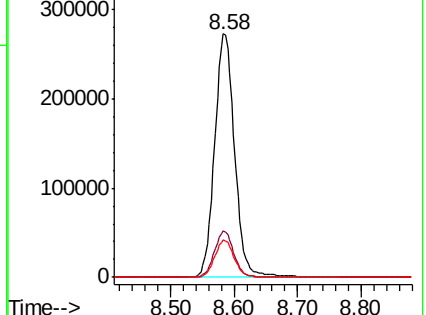
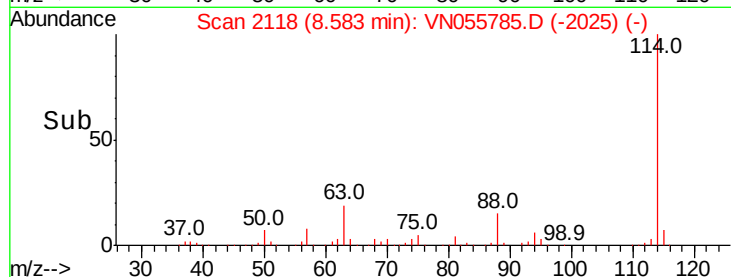
88 15.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.815 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055785.D

Acq: 24 May 2019 10:42

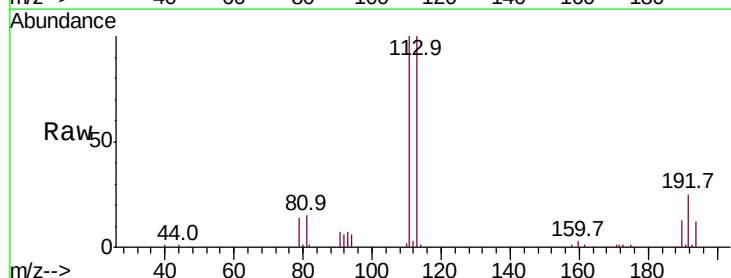
Tgt Ion:113 Resp: 179776

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

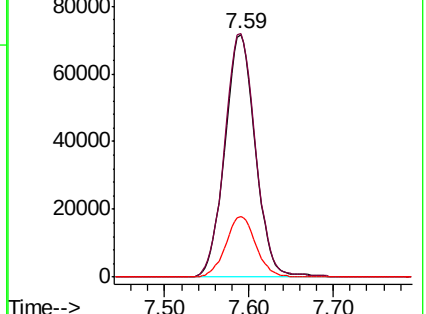
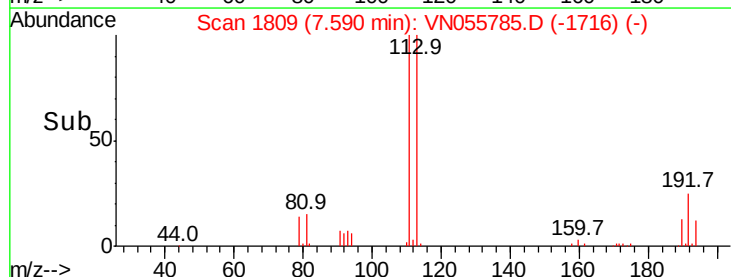
192 24.7 19.5 29.3

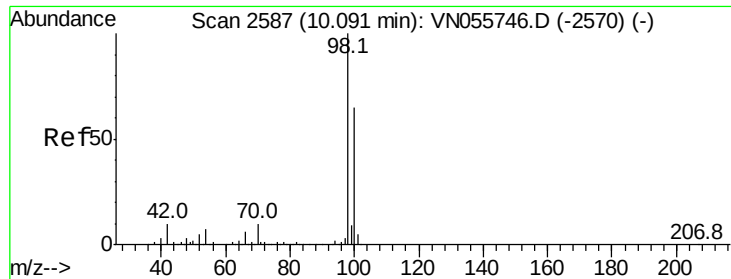


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.543 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055785.D

Acq: 24 May 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

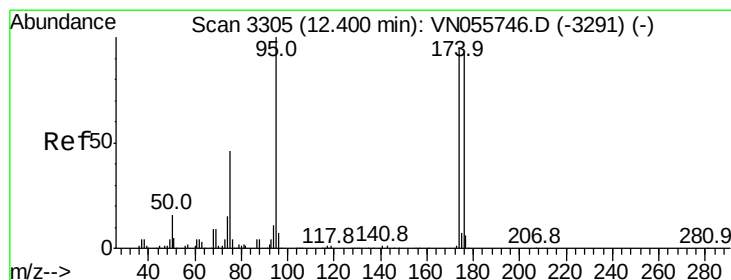
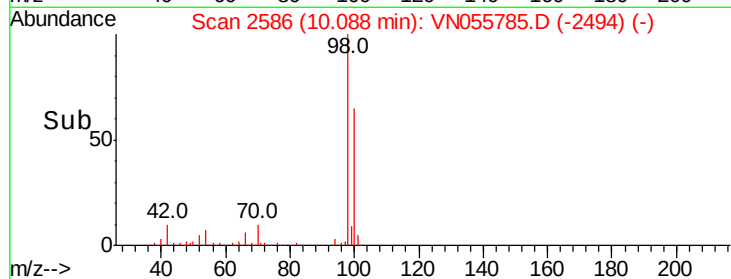
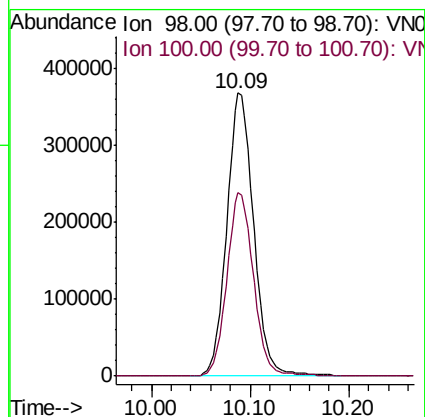
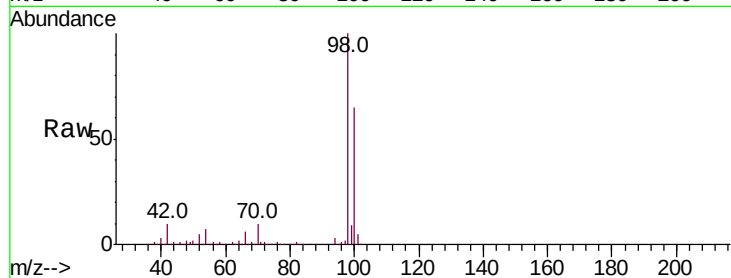
VN0524WBL02

Tot Ion: 98 Resp: 700109

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 46.387 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055785.D

Acq: 24 May 2019 10:42

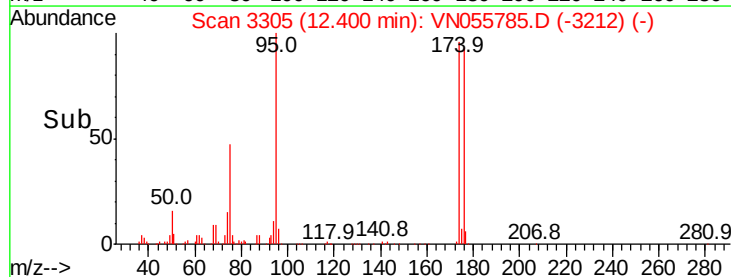
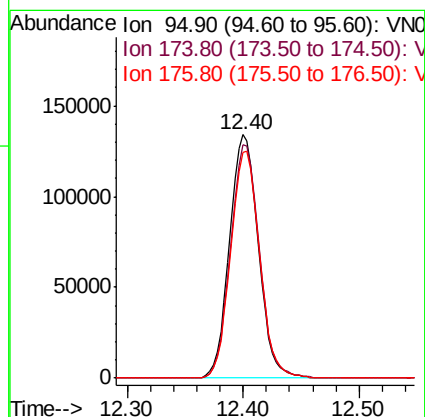
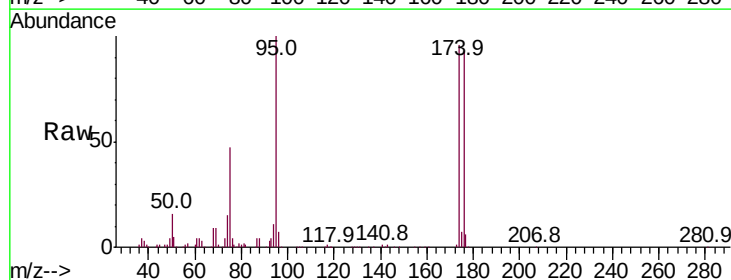
Tgt Ion: 95 Resp: 229395

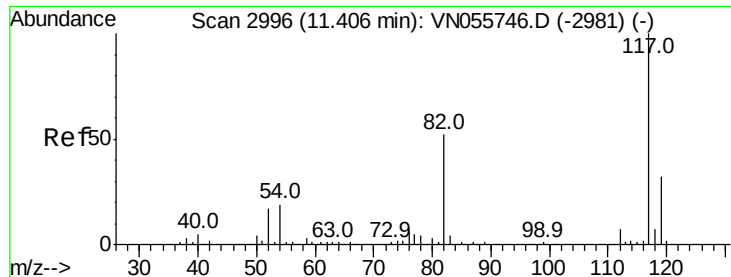
Ion Ratio Lower Upper

95 100

174 96.3 0.0 191.0

176 93.8 0.0 185.2

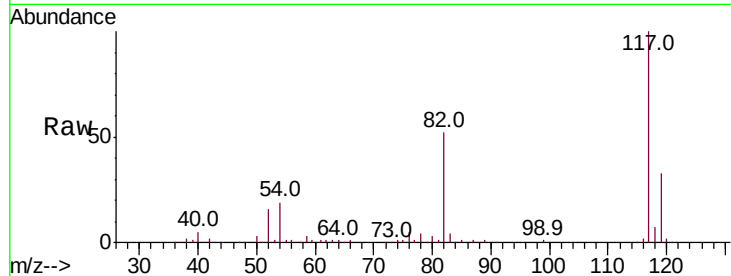




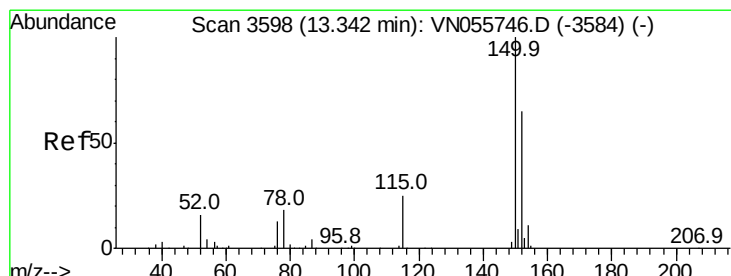
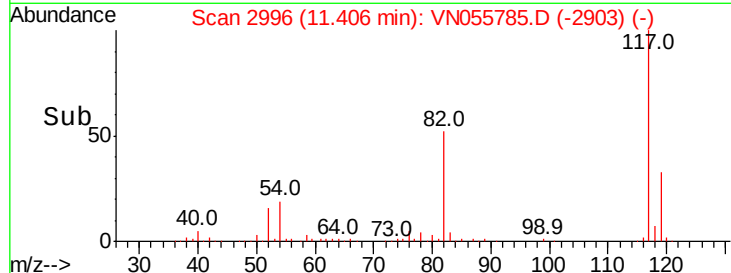
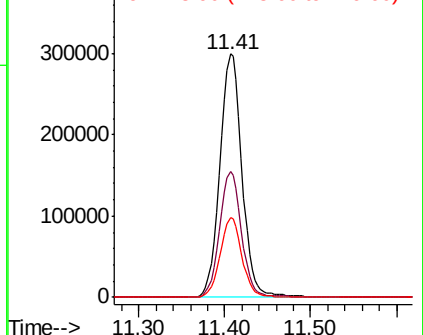
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055785.D
Acq: 24 May 2019 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBL02

Tot Ion:117 Resp: 536358
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 32.6 25.4 38.0

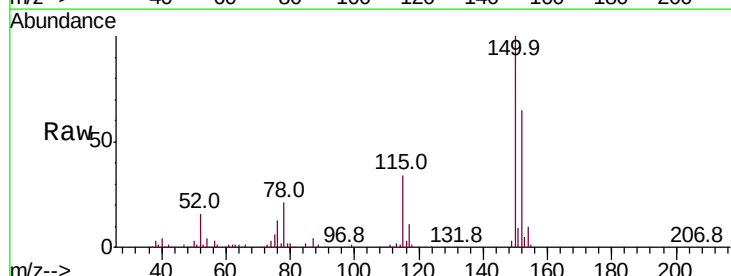


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055785.D
Acq: 24 May 2019 10:42

Tgt Ion:152 Resp: 197187
Ion Ratio Lower Upper
152 100
115 52.0 27.0 81.0
150 155.0 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

