

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055754.D
 Acq On : 23 May 2019 15:31
 Operator : JC/SP
 Sample : VN0523MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523MBL01

Quant Time: May 24 07:08:36 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	415104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	584150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	508544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181773	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	190003	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	
35) Dibromofluoromethane	7.59	113	180504	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.09	98	688935	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.40	95	213044	43.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.72%	

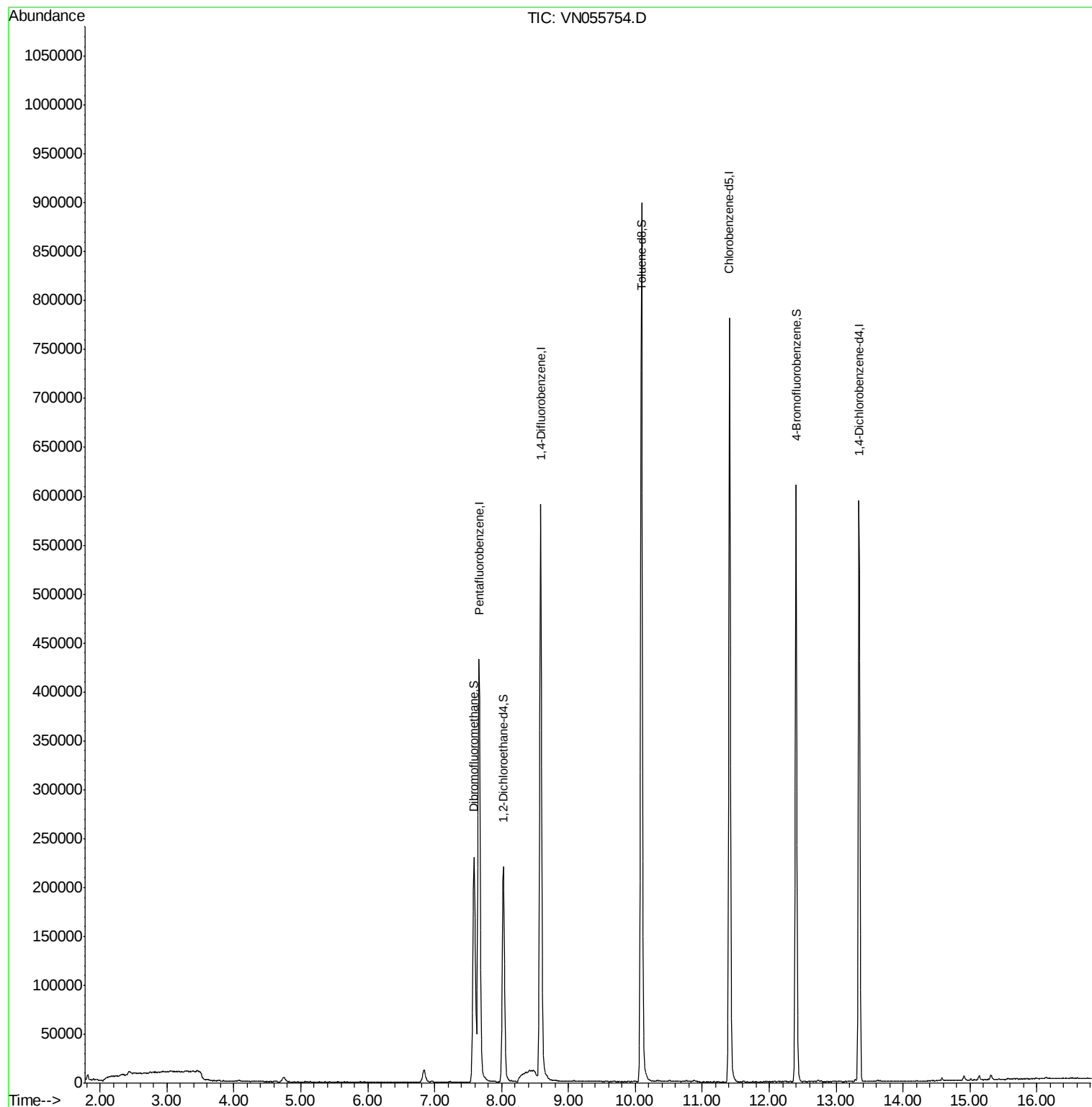
Target Compounds	Qvalue

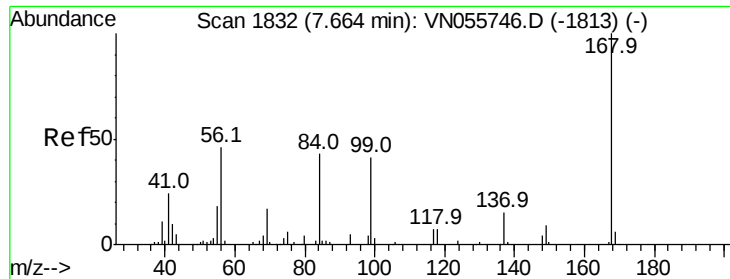
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052319\
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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: VN055754.D

Acq: 23 May 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

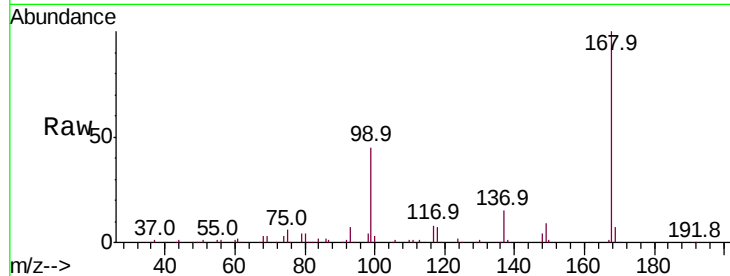
VN0523MBL01

Tot Ion:168 Resp: 415104

Ion Ratio Lower Upper

168 100

99 45.5 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

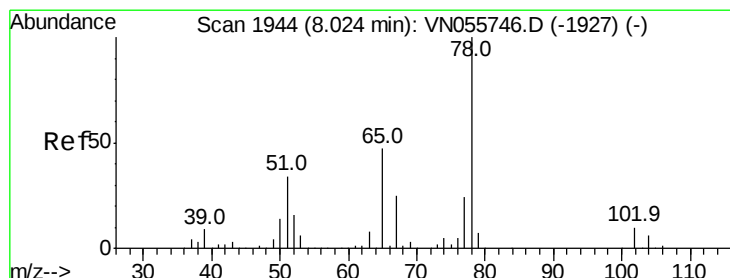
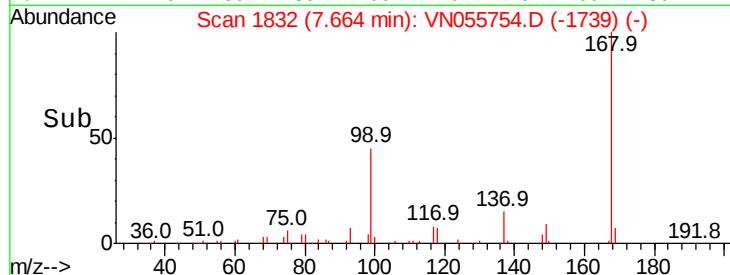
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.322 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055754.D

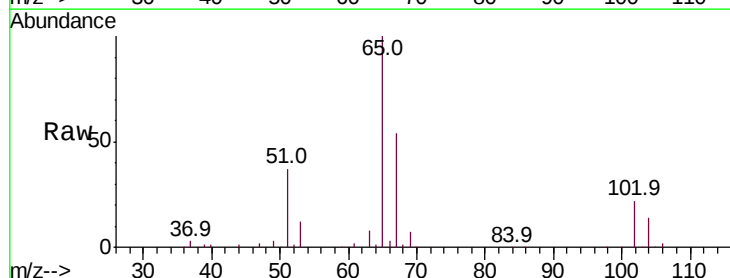
Acq: 23 May 2019 15:31

Tgt Ion: 65 Resp: 190003

Ion Ratio Lower Upper

65 100

67 54.5 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

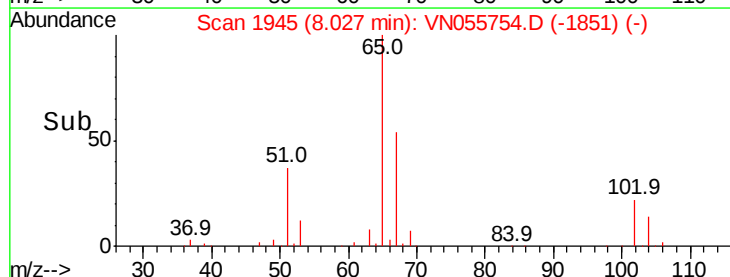
40000

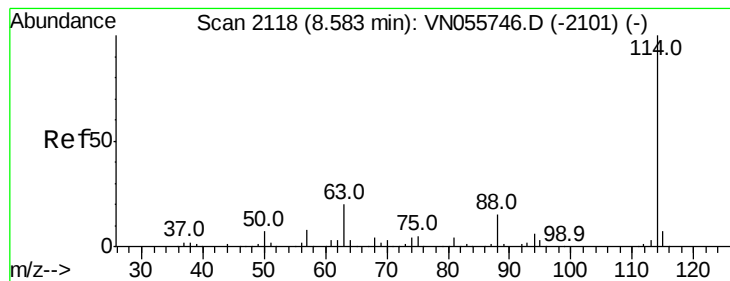
20000

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: VN055754.D

Acq: 23 May 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

VN0523MBL01

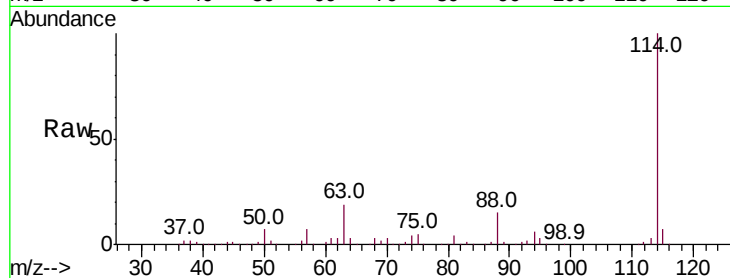
Tot Ion:114 Resp: 584150

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

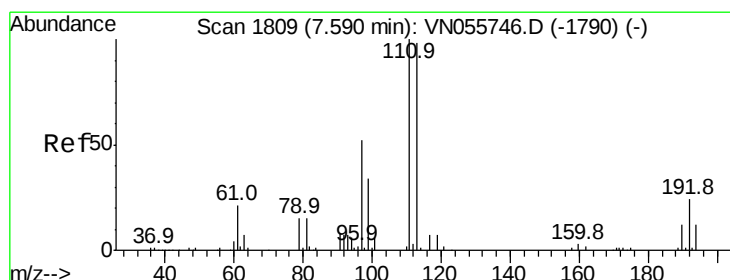
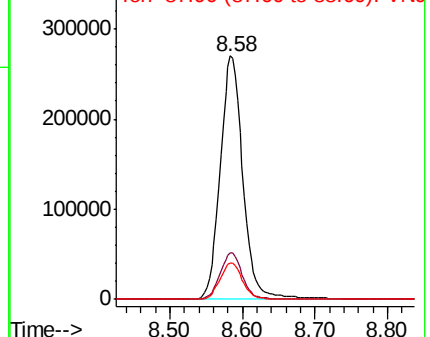
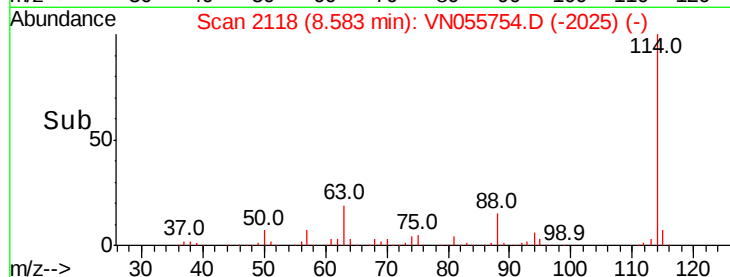
88 14.9 0.0 31.0



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: 48.875 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055754.D

Acq: 23 May 2019 15:31

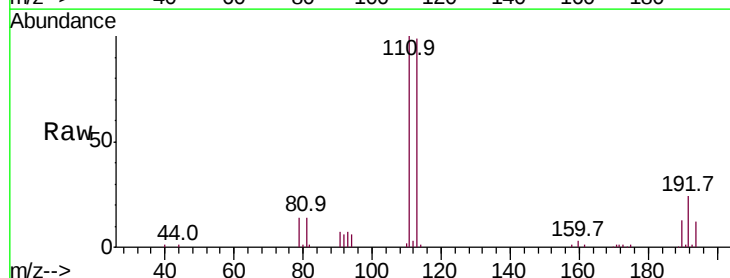
Tgt Ion:113 Resp: 180504

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

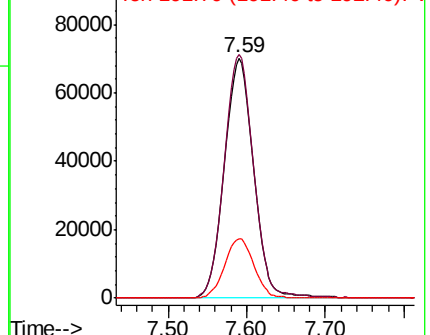
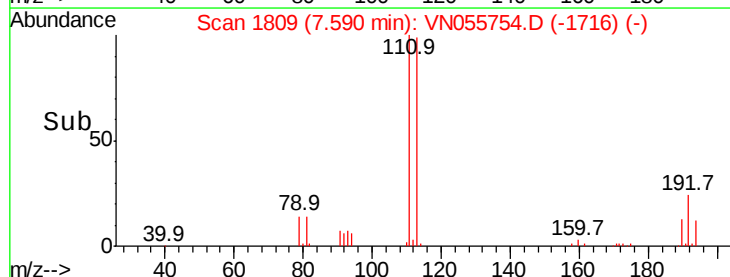
192 24.8 19.5 29.3

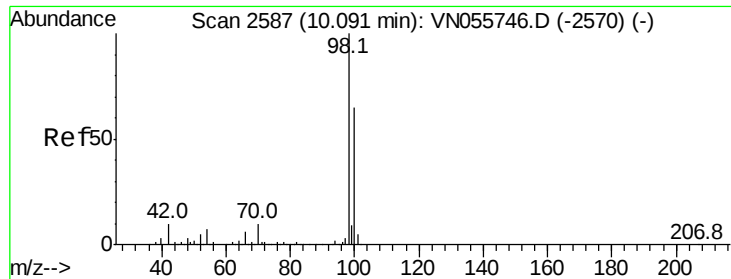


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.630 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055754.D

Acq: 23 May 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

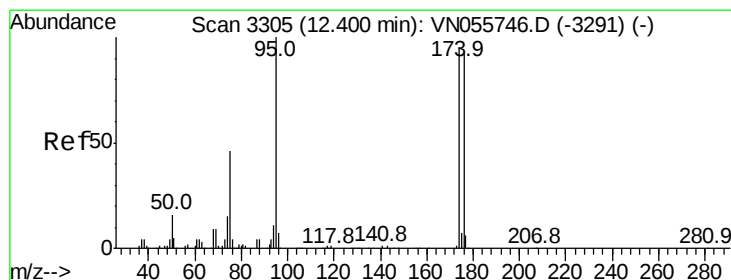
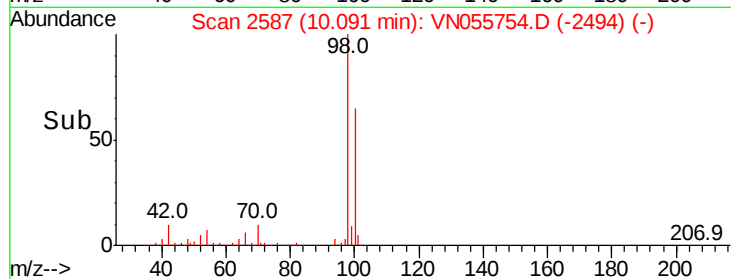
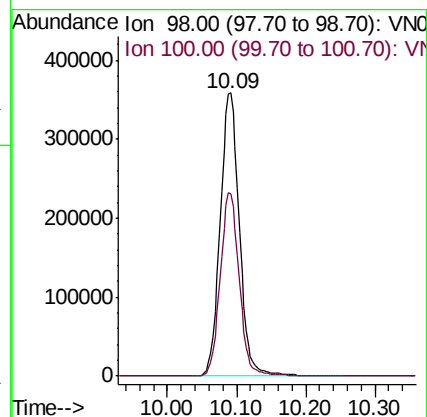
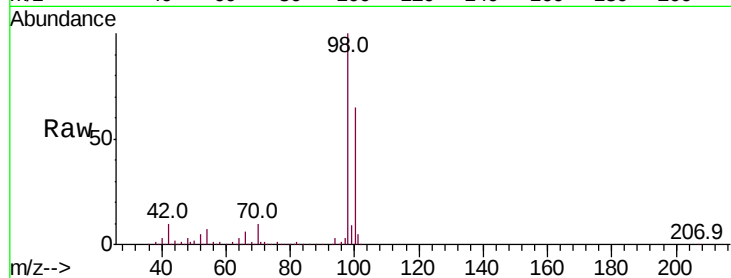
VN0523MBL01

Tot Ion: 98 Resp: 688935

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 43.858 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055754.D

Acq: 23 May 2019 15:31

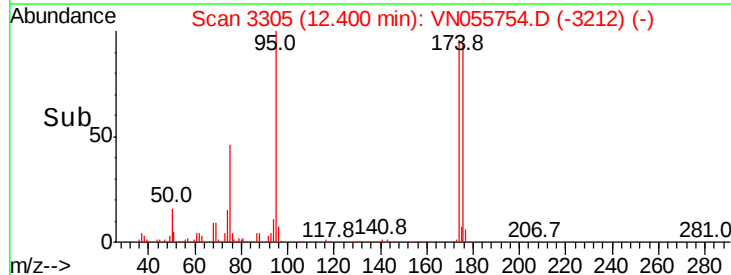
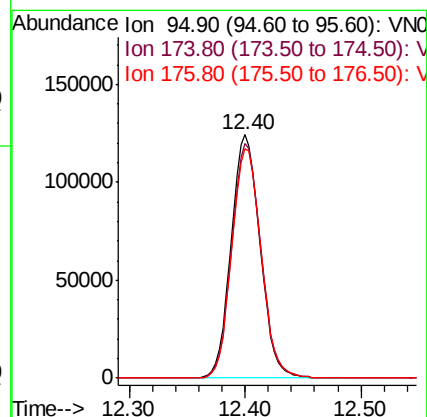
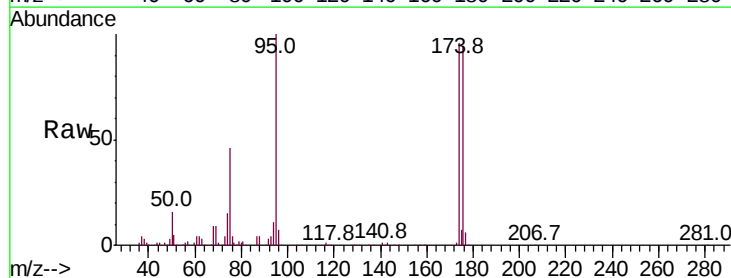
Tgt Ion: 95 Resp: 213044

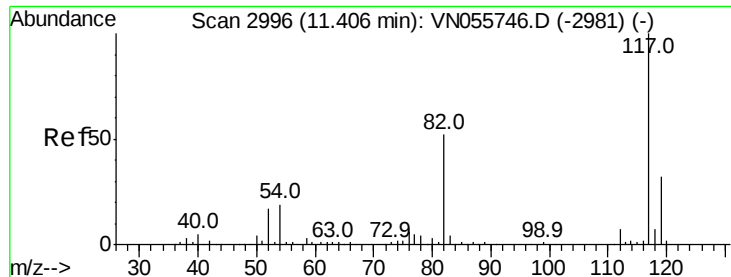
Ion Ratio Lower Upper

95 100

174 97.2 0.0 191.0

176 95.5 0.0 185.2

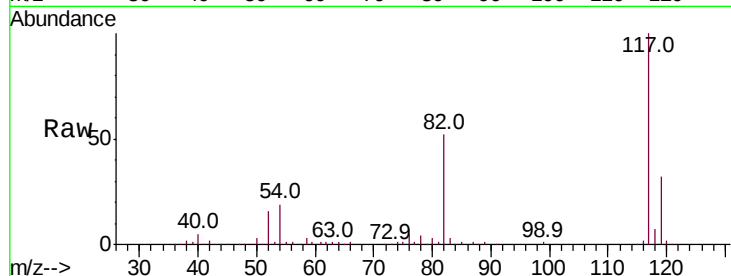




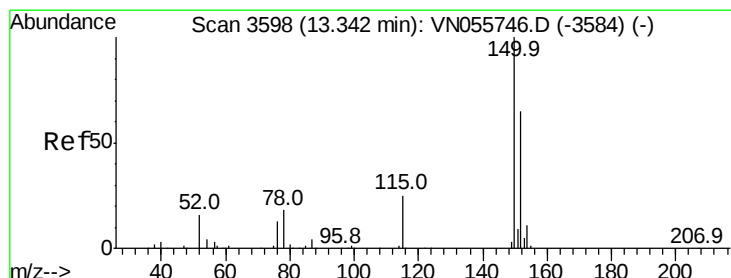
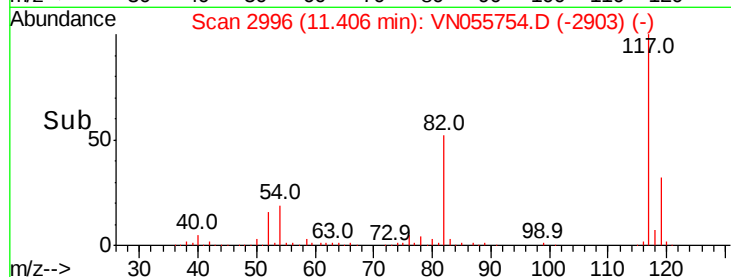
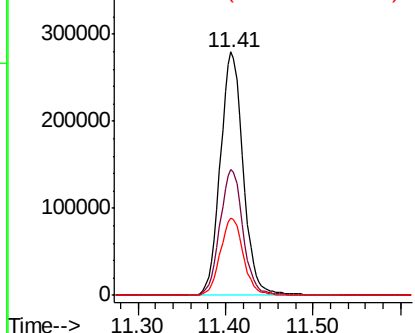
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055754.D
Acq: 23 May 2019 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

Tot Ion:117 Resp: 508544
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 31.8 25.4 38.0

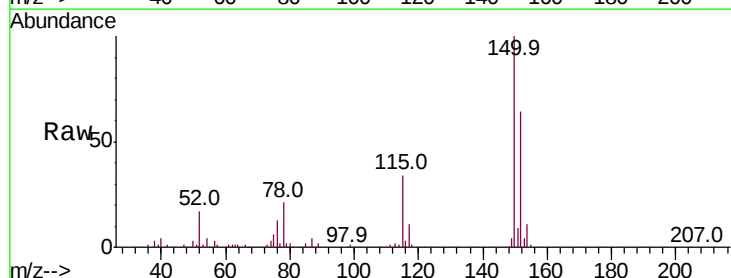


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055754.D
Acq: 23 May 2019 15:31

Tgt Ion:152 Resp: 181773
Ion Ratio Lower Upper
152 100
115 53.0 27.0 81.0
150 156.8 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

