

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
 Data File : VN055607.D
 Acq On : 17 May 2019 14:03
 Operator : JC/SP
 Sample : VN0517MBL01
 Misc : 5.00µ/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517MBL01

Quant Time: May 18 03:24:47 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	398367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	572479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	473582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176666	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	191381	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	
35) Dibromofluoromethane	7.59	113	173270	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	10.09	98	663492	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.40	95	206364	43.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.92%	

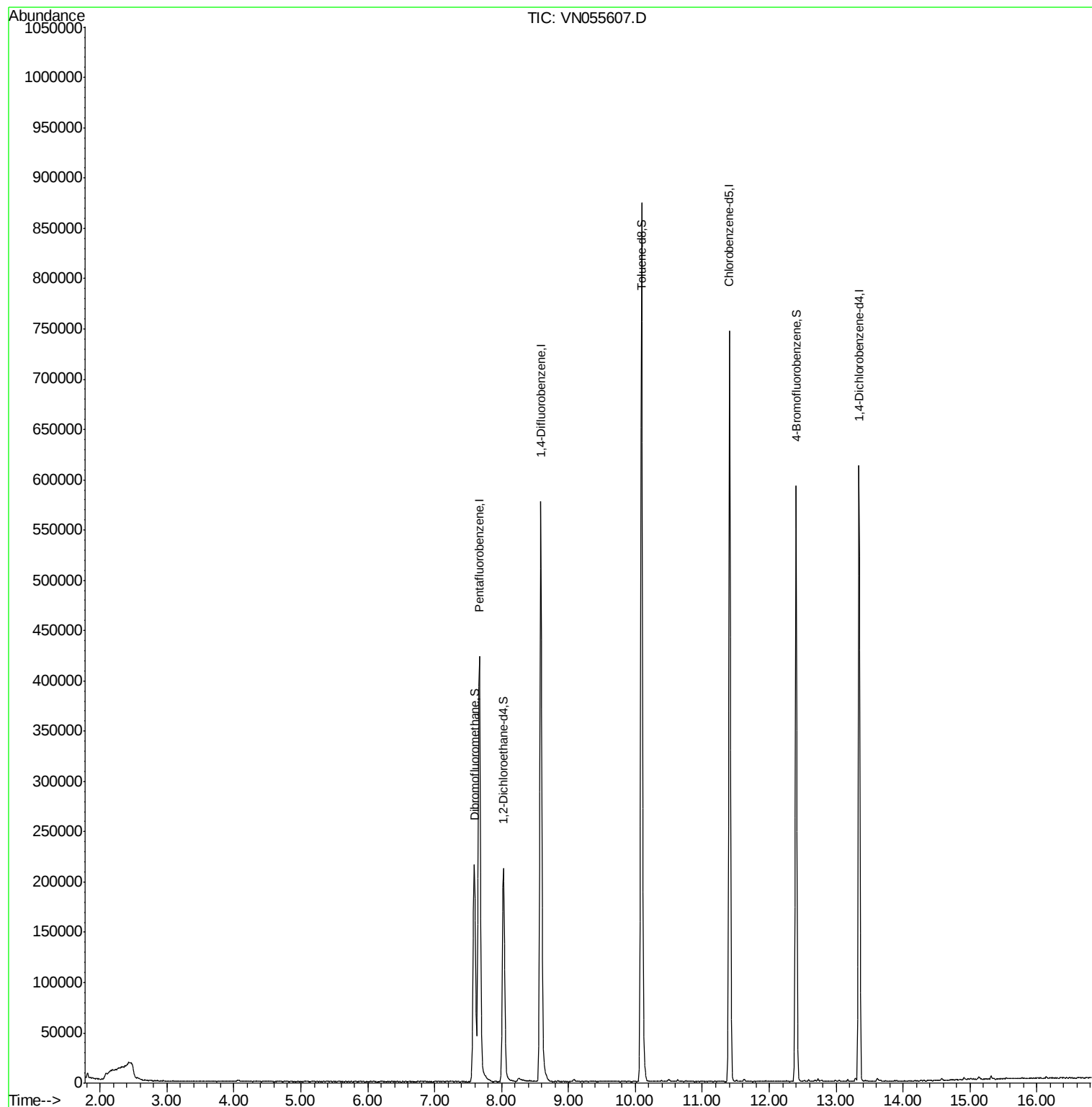
Target Compounds	Qvalue

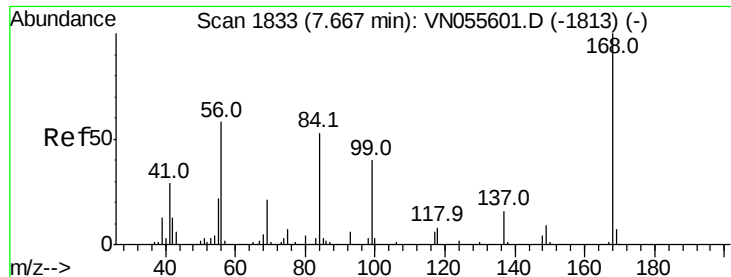
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055607.D

Acq: 17 May 2019 14:03

Instrument :

MSVOA_N

ClientSampleId :

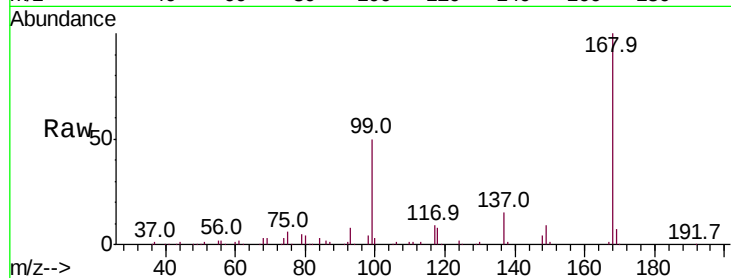
VN0517MBL01

Tot Ion:168 Resp: 398367

Ion Ratio Lower Upper

168 100

99 50.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055607.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055607.D (-1740) (-)

7.67

150000

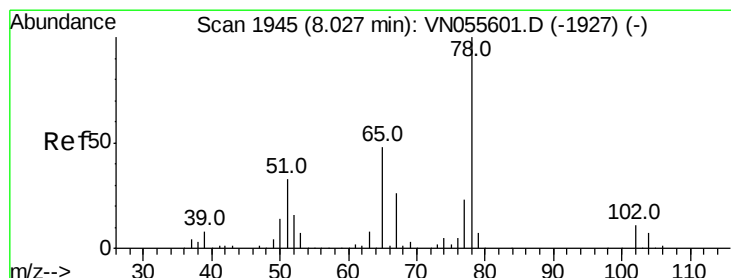
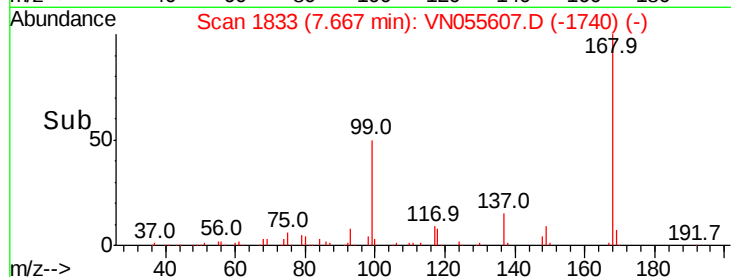
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.825 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055607.D

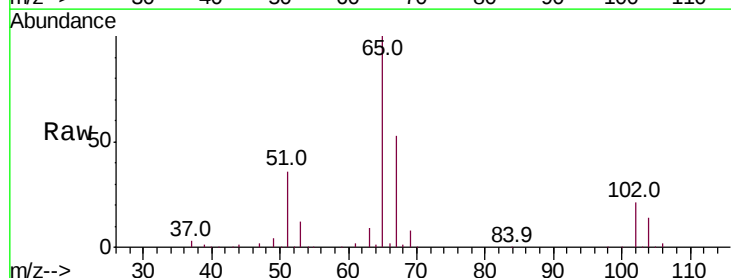
Acq: 17 May 2019 14:03

Tgt Ion: 65 Resp: 191381

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055607.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055607.D (-1852) (-)

8.03

80000

60000

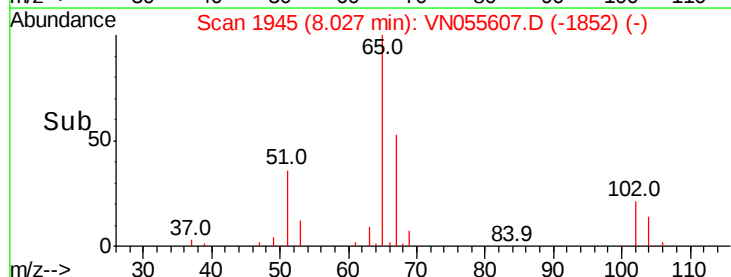
40000

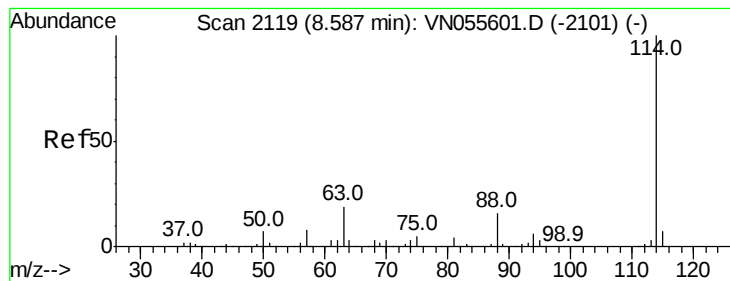
20000

0

7.90 8.00 8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055607.D

Acq: 17 May 2019 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN0517MBL01

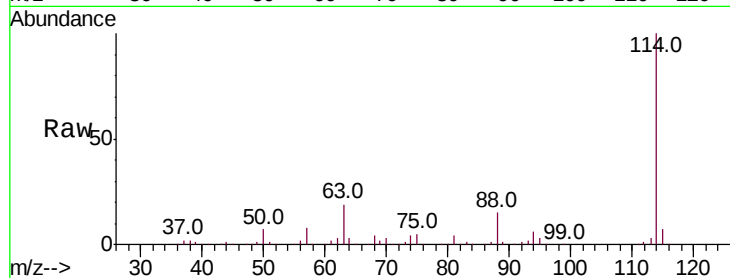
Tot Ion:114 Resp: 572479

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.2

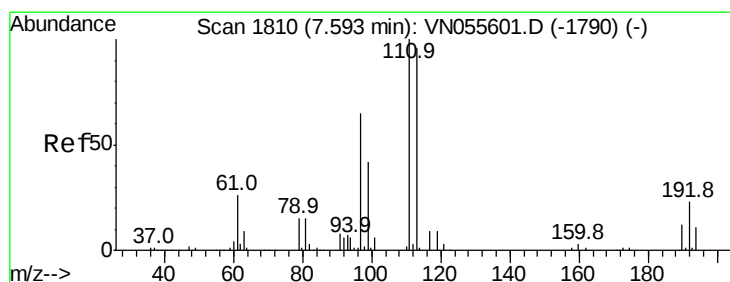
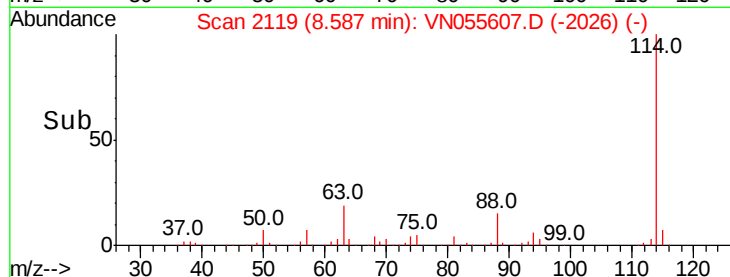
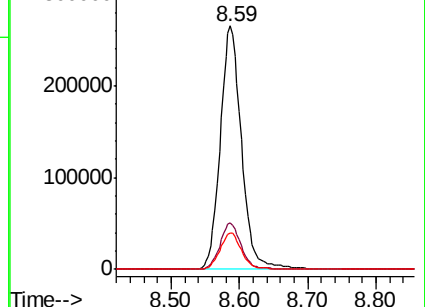
88 15.1 0.0 31.0



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: 47.646 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055607.D

Acq: 17 May 2019 14:03

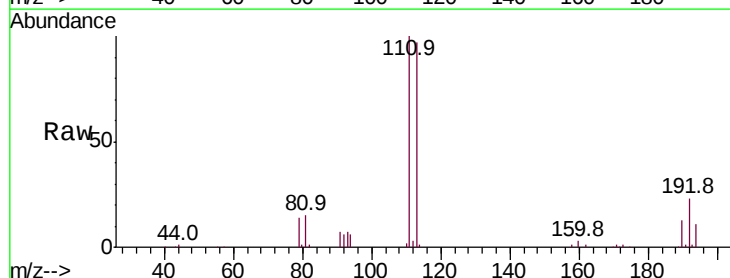
Tgt Ion:113 Resp: 173270

Ion Ratio Lower Upper

113 100

111 102.6 82.5 123.7

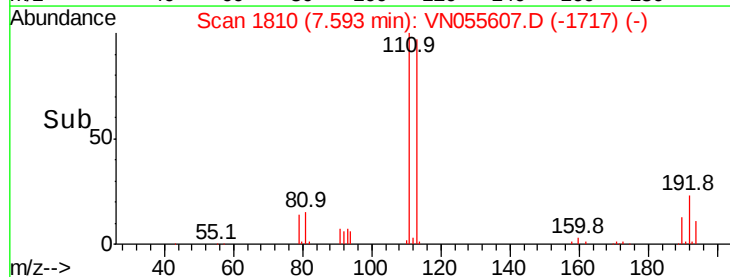
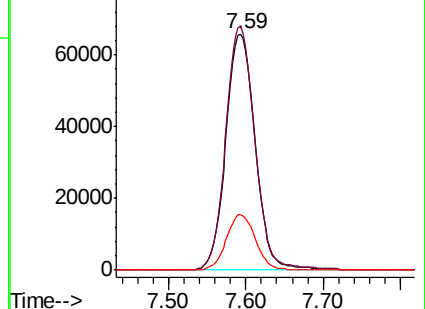
192 23.4 18.7 28.1

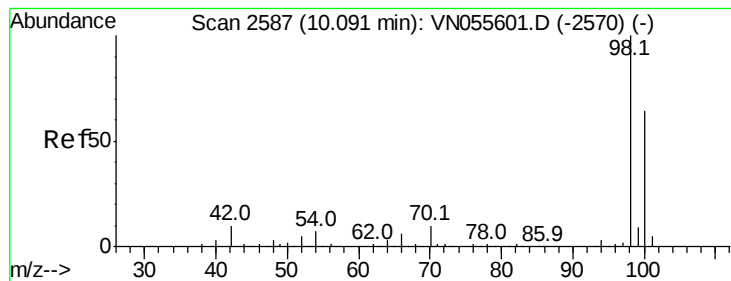


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.252 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055607.D

Acq: 17 May 2019 14:03

Instrument :

MSVOA_N

ClientSampleId :

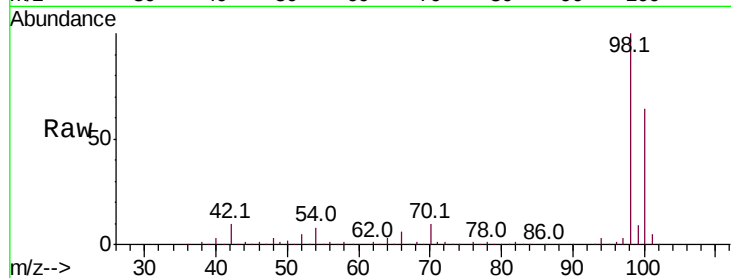
VN0517MBL01

Tot Ion: 98 Resp: 663492

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

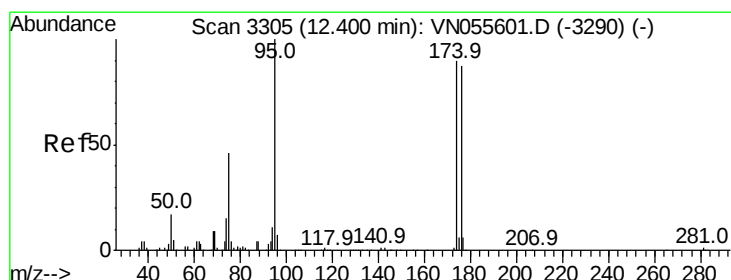
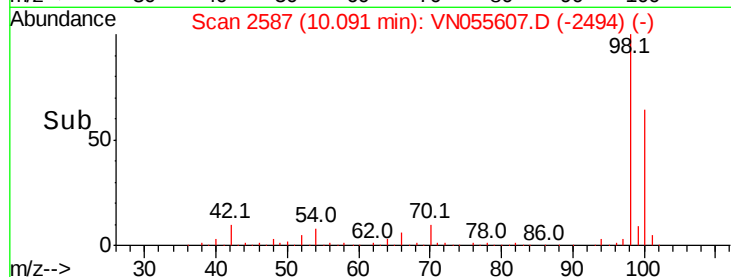
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.461 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055607.D

Acq: 17 May 2019 14:03

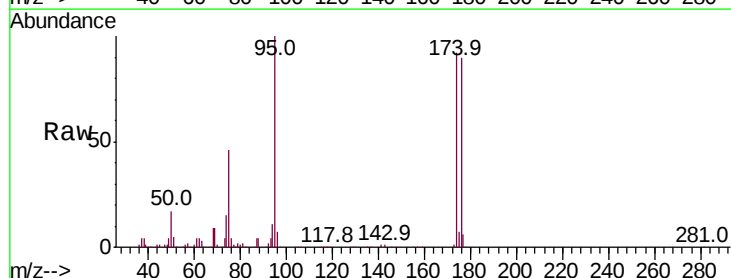
Tgt Ion: 95 Resp: 206364

Ion Ratio Lower Upper

95 100

174 92.5 0.0 180.6

176 90.1 0.0 177.4



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

12.40

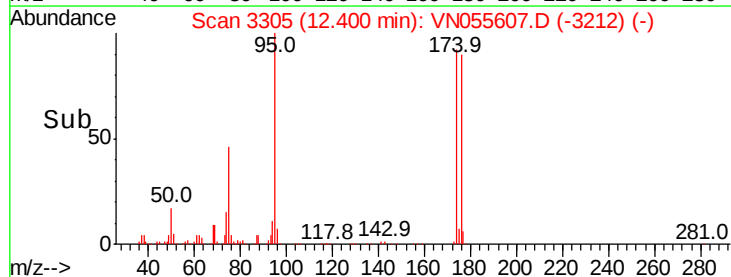
150000

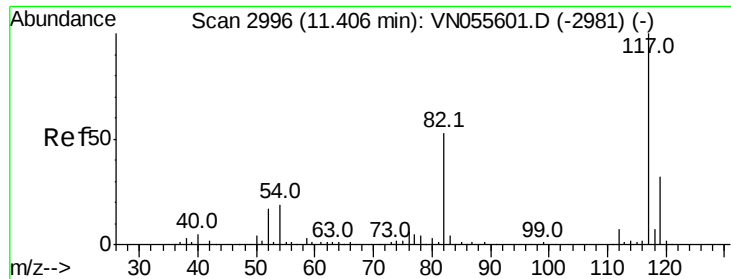
100000

50000

0

Time-->

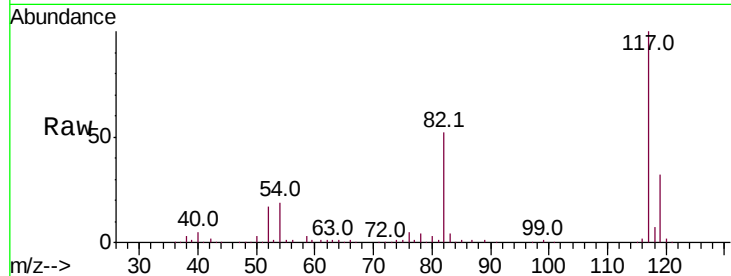




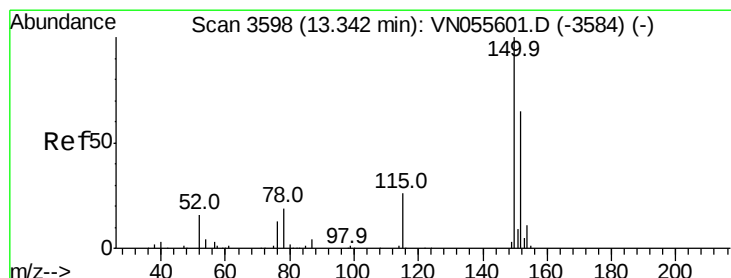
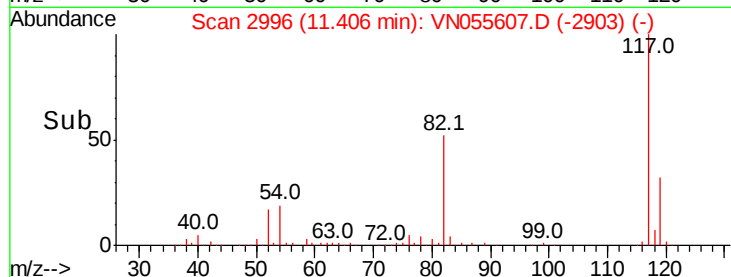
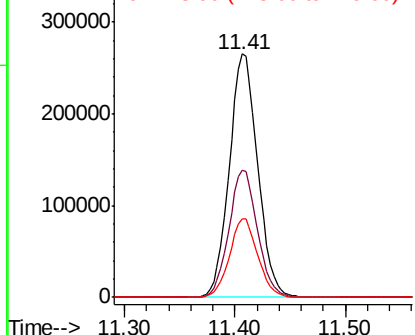
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055607.D
Acq: 17 May 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN0517MBL01

Tot Ion:117 Resp: 473582
Ion Ratio Lower Upper
117 100
82 52.4 42.3 63.5
119 32.4 25.4 38.2

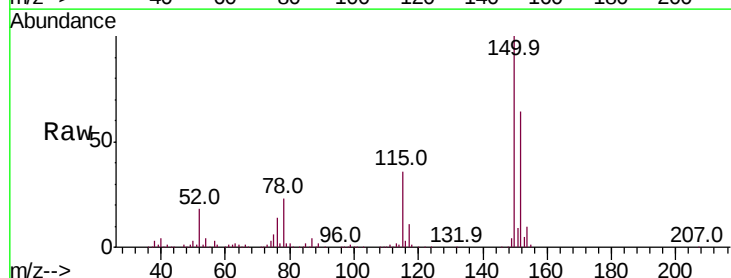


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055607.D
Acq: 17 May 2019 14:03

Tgt Ion:152 Resp: 176666
Ion Ratio Lower Upper
152 100
115 55.9 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

