

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055694.D
 Acq On : 21 May 2019 1:32
 Operator : JC/SP
 Sample : K2953-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: May 21 05:44:49 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	449901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	575358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	481941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163832	50.00	ug/l	0.00

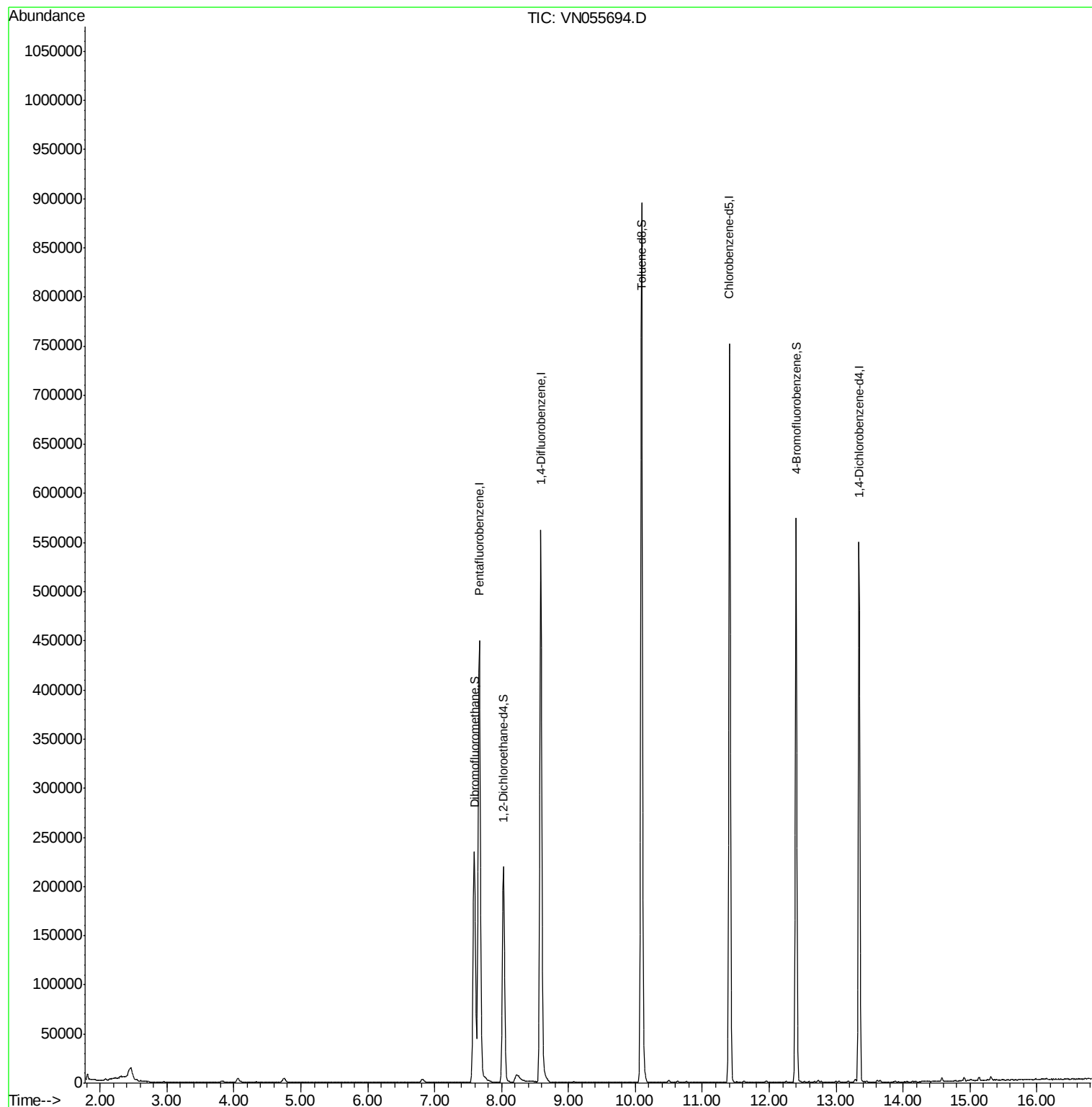
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	188724	38.27	ug/l	0.00
Spiked Amount						
			Recovery	=	76.54%	
35) Dibromofluoromethane	7.59	113	182050	49.81	ug/l	0.00
Spiked Amount						
			Recovery	=	99.62%	
50) Toluene-d8	10.09	98	669636	48.45	ug/l	0.00
Spiked Amount						
			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.40	95	199839	41.88	ug/l	0.00
Spiked Amount						
			Recovery	=	83.76%	

Target Compounds	Qvalue
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(#) = 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: VN055694.D

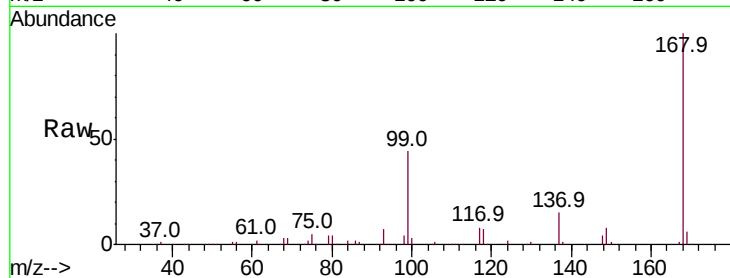
Acq: 21 May 2019 1:32

Tot Ion:168 Resp: 449901

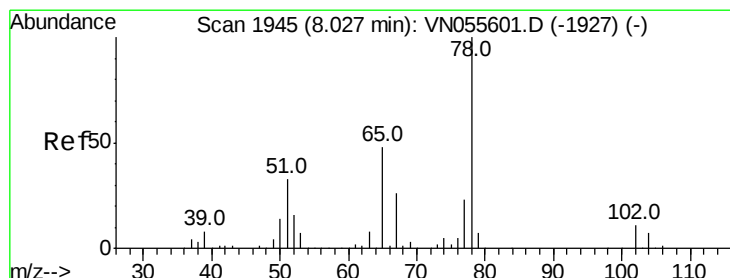
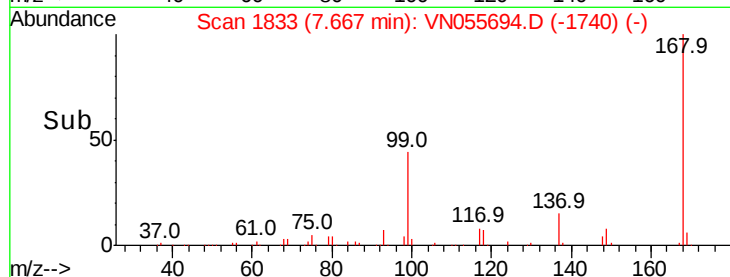
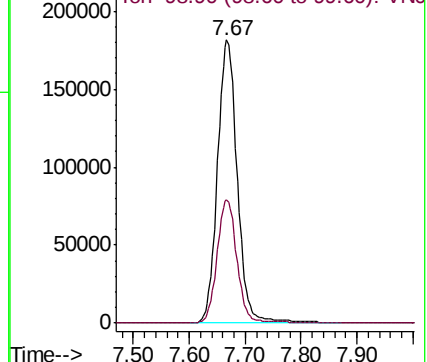
Ion Ratio Lower Upper

168 100

99 43.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055601.D (-1813) (-)



#33

1,2-Dichloroethane-d4

Concen: 38.267 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055694.D

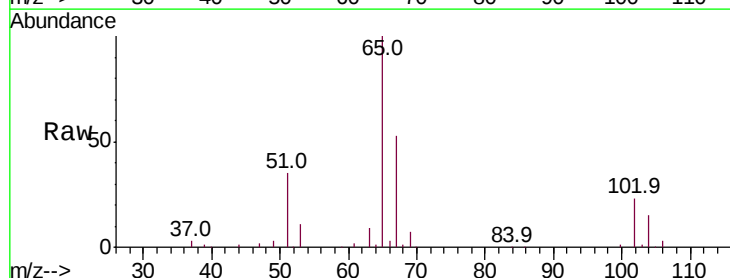
Acq: 21 May 2019 1:32

Tgt Ion: 65 Resp: 188724

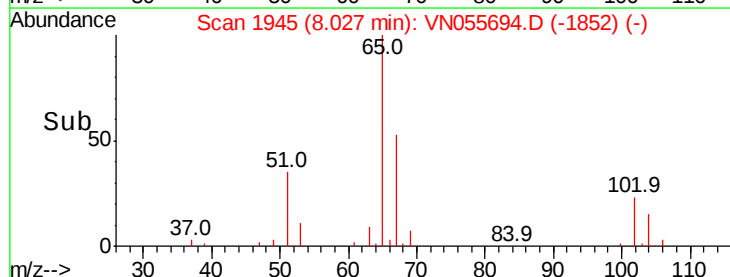
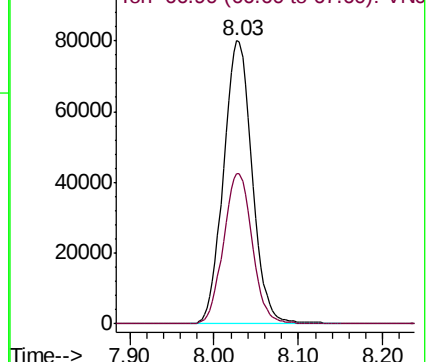
Ion Ratio Lower Upper

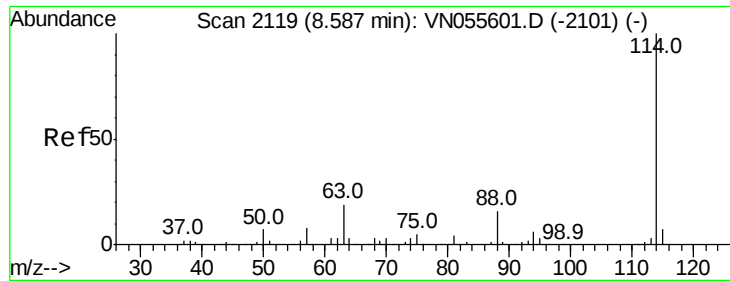
65 100

67 53.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055601.D (-1927) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055694.D

Acq: 21 May 2019 1:32

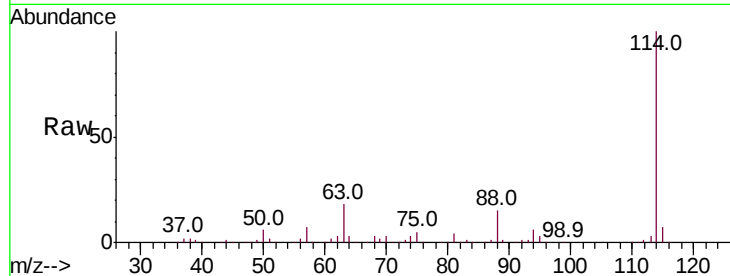
Tot Ion:114 Resp: 575358

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.2

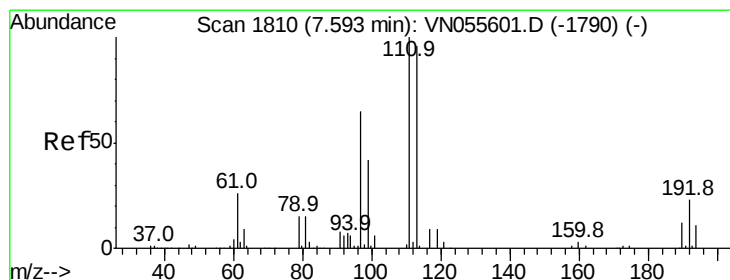
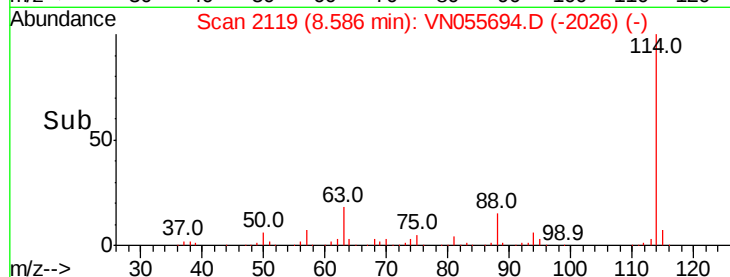
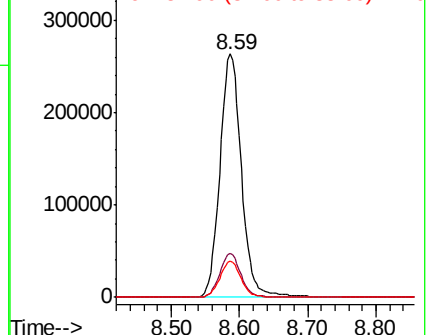
88 15.0 0.0 31.0



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: 49.809 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055694.D

Acq: 21 May 2019 1:32

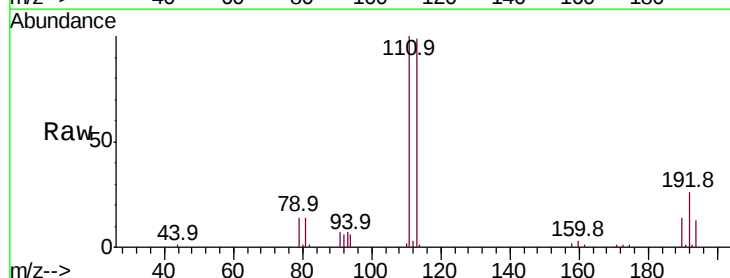
Tgt Ion:113 Resp: 182050

Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

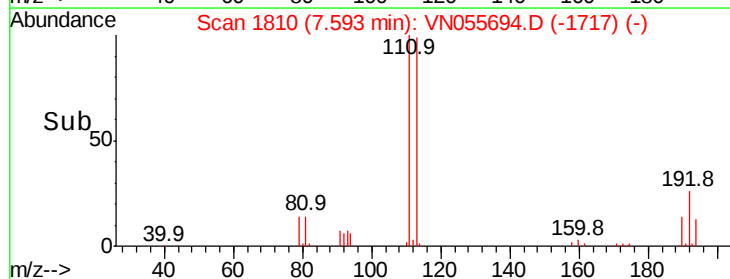
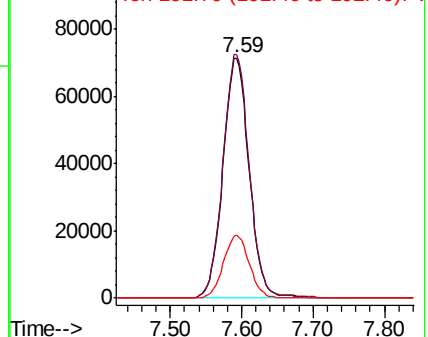
192 25.9 18.7 28.1

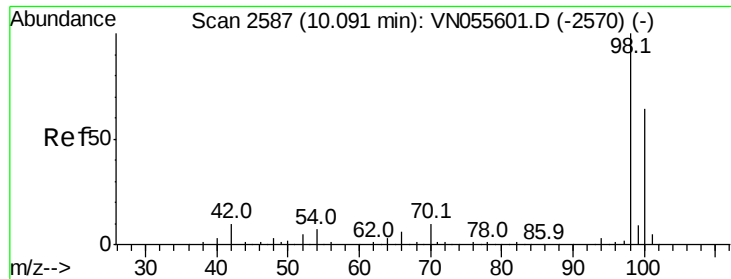


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.455 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055694.D

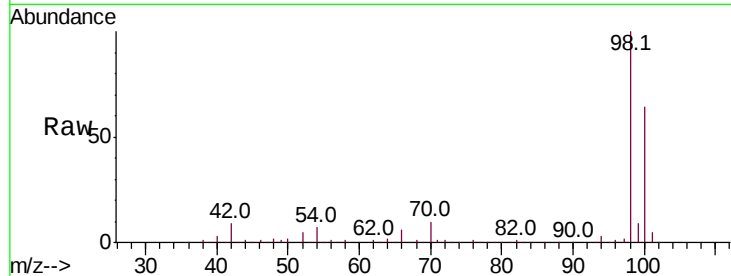
Acq: 21 May 2019 1:32

Tot Ion: 98 Resp: 669636

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



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

Ion 100.00 (99.70 to 100.70): VN055694.D (-2494) (-)

10.09

400000

300000

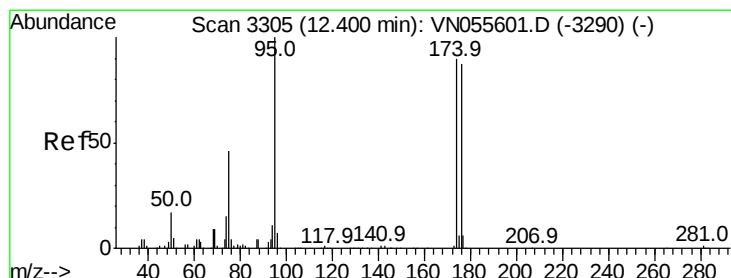
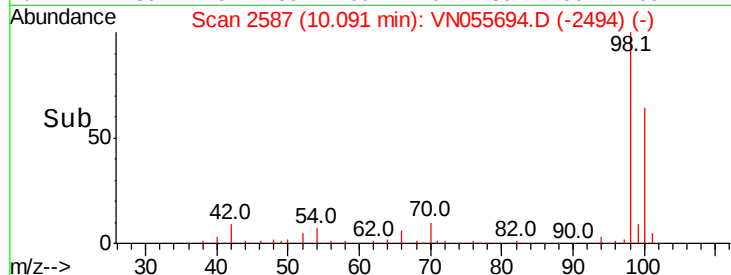
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 41.876 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055694.D

Acq: 21 May 2019 1:32

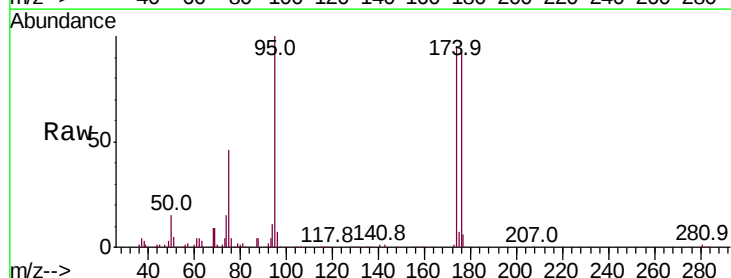
Tgt Ion: 95 Resp: 199839

Ion Ratio Lower Upper

95 100

174 95.0 0.0 180.6

176 93.0 0.0 177.4



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

Ion 173.80 (173.50 to 174.50): VN055694.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055694.D (-3212) (-)

12.40

150000

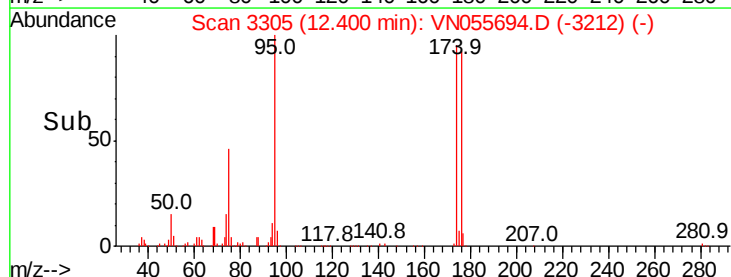
100000

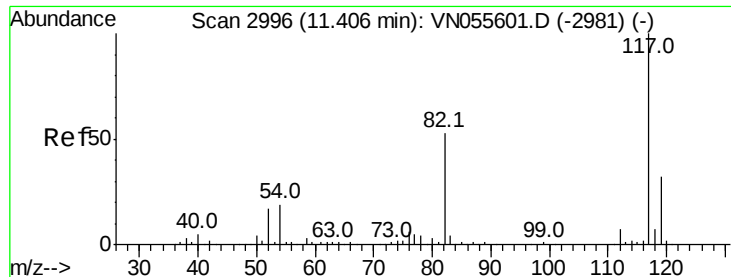
50000

0

Time-->

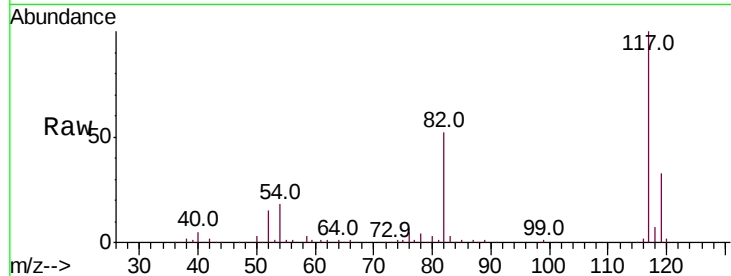
12.35 12.40 12.45



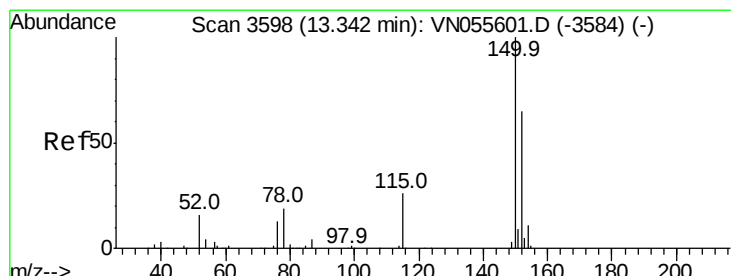
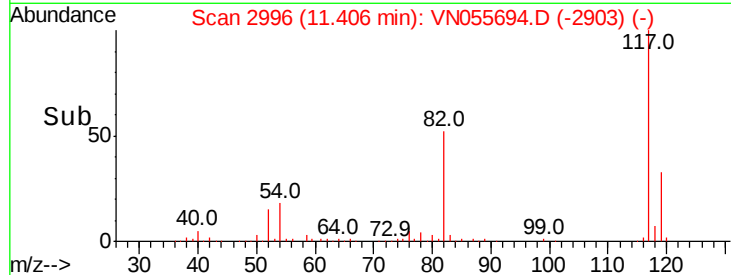
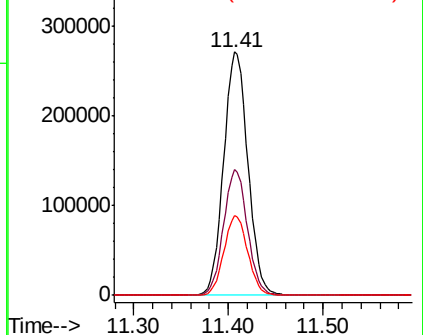


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055694.D
Acq: 21 May 2019 1:32

Tot Ion:117 Resp: 481941
Ion Ratio Lower Upper
117 100
82 51.6 42.3 63.5
119 32.9 25.4 38.2

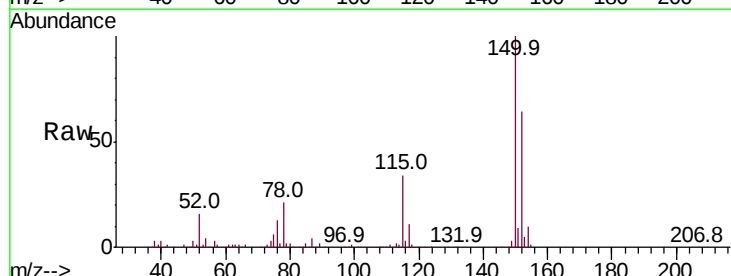


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055694.D
Acq: 21 May 2019 1:32

Tgt Ion:152 Resp: 163832
Ion Ratio Lower Upper
152 100
115 53.3 28.1 84.2
150 155.9 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

