

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056032.D
 Acq On : 6 Jun 2019 9:29
 Operator : JC/SP
 Sample : VN0607WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBL01

Quant Time: Jun 06 18:26:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	338575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	508468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	455724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143261	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	162582	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	7.59	113	148549	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	10.09	98	603088	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.40	95	180866	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	

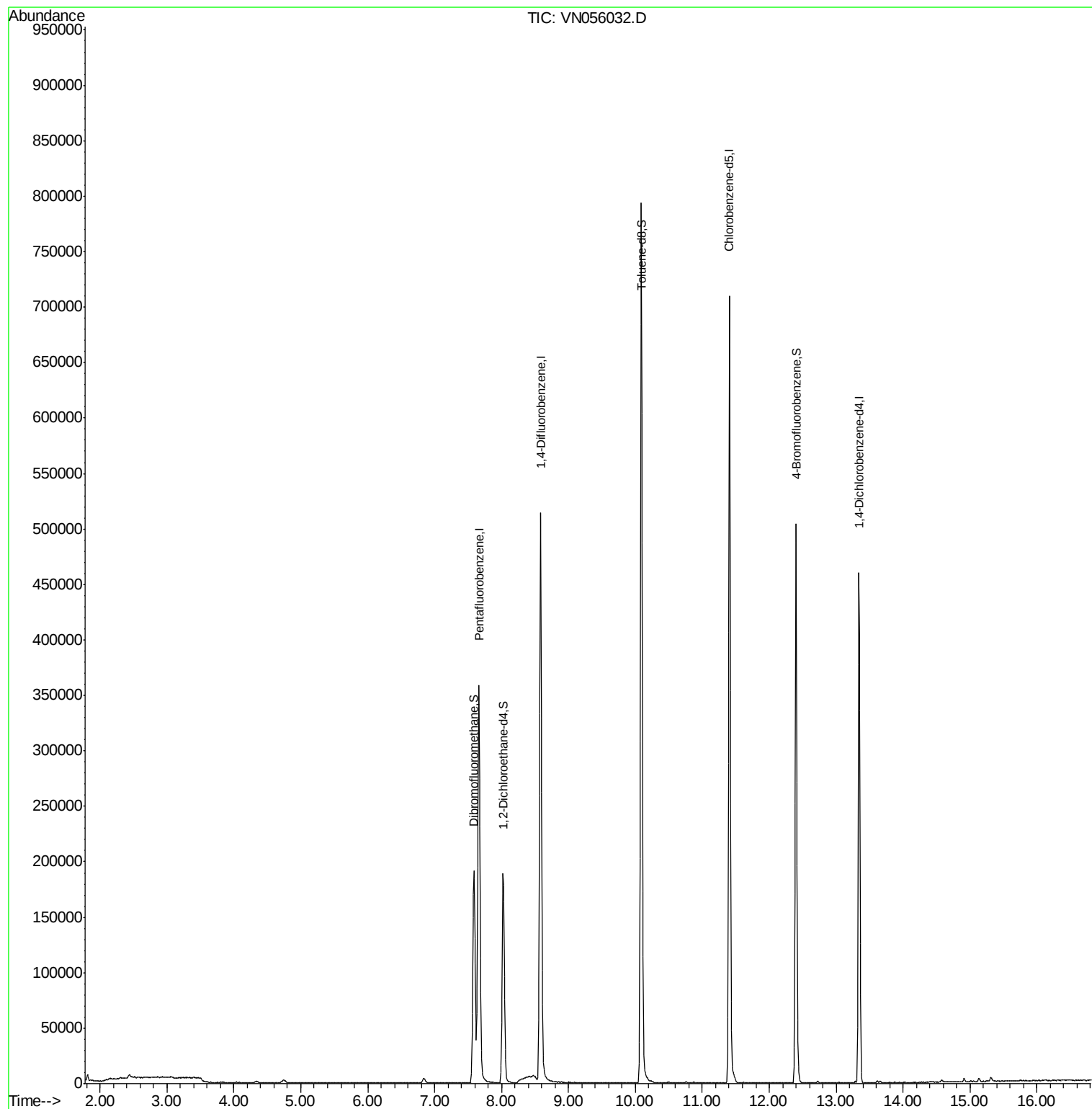
Target Compounds	Qvalue

(#) = 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: VN056032.D

Acq: 6 Jun 2019 9:29

Instrument :

MSVOA_N

ClientSampleId :

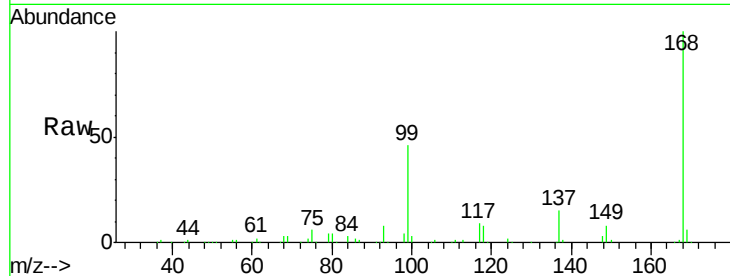
VN0607WBL01

Tot Ion:168 Resp: 338575

Ion Ratio Lower Upper

168 100

99 45.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

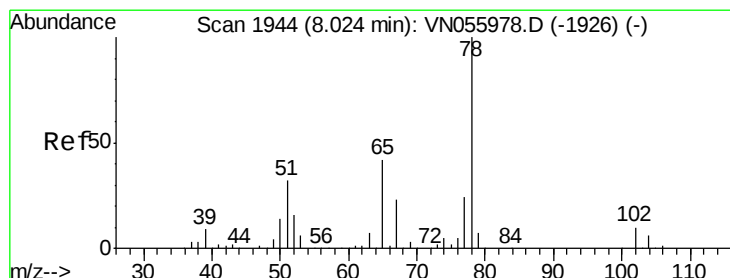
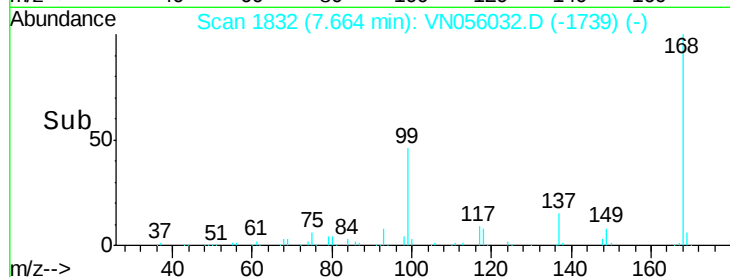
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.362 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN056032.D

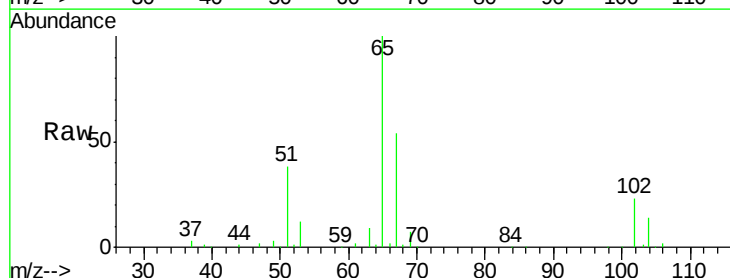
Acq: 6 Jun 2019 9:29

Tgt Ion: 65 Resp: 162582

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.02

80000

60000

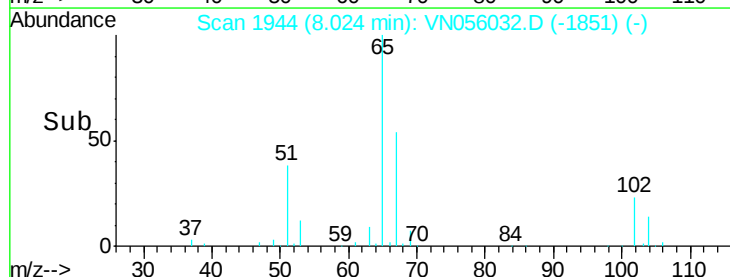
40000

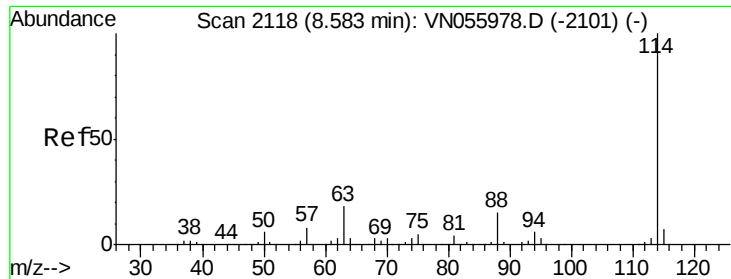
20000

0

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: VN056032.D

Acq: 6 Jun 2019 9:29

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBL01

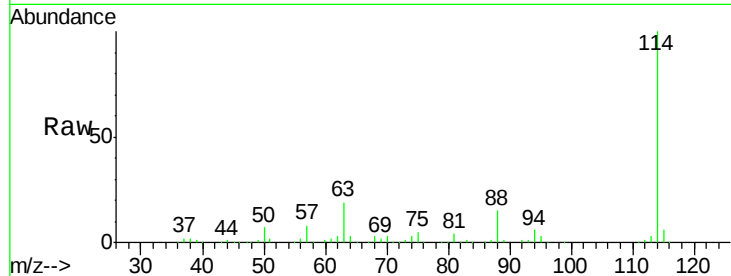
Tot Ion:114 Resp: 508468

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

88 15.3 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

300000

250000

200000

150000

100000

50000

0

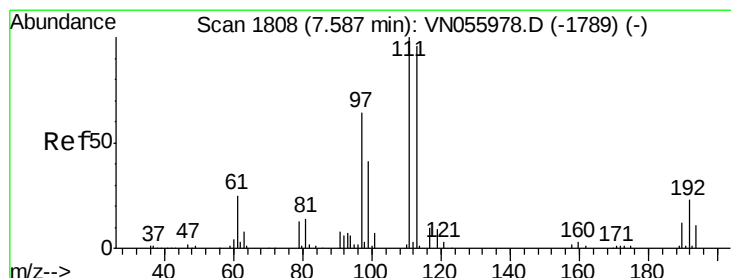
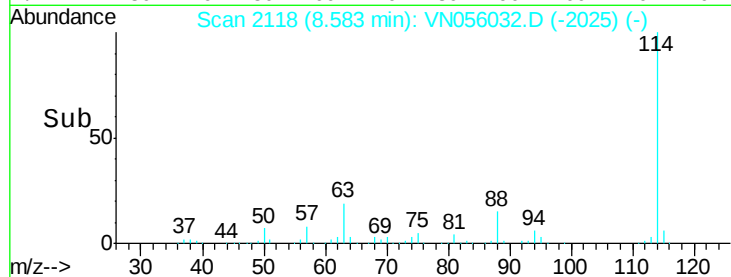
8.50

8.58

8.60

8.70

Time-->



#35

Dibromofluoromethane

Concen: 47.618 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VN056032.D

Acq: 6 Jun 2019 9:29

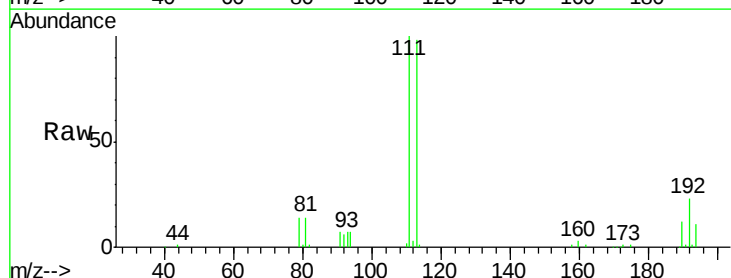
Tgt Ion:113 Resp: 148549

Ion Ratio Lower Upper

113 100

111 101.3 81.9 122.9

192 24.0 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

80000

60000

40000

20000

0

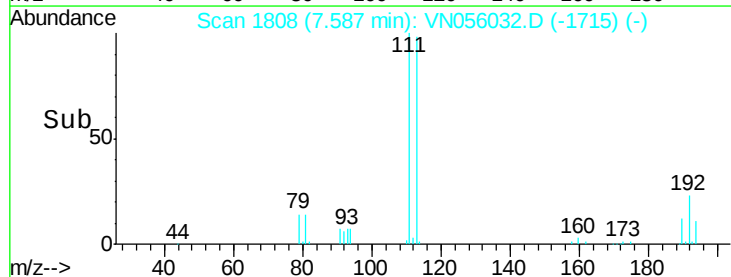
7.50

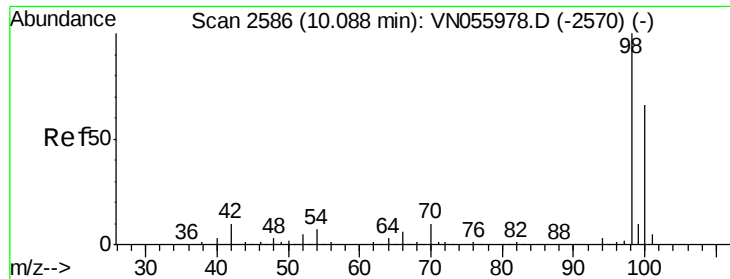
7.59

7.60

7.70

Time-->





#50

Toluene-d8

Concen: 50.239 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056032.D

Acq: 6 Jun 2019 9:29

Instrument :

MSVOA_N

ClientSampleId :

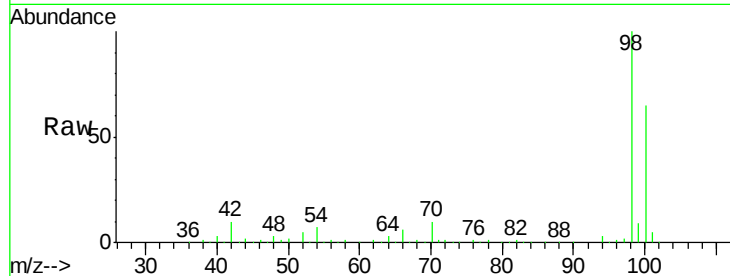
VN0607WBL01

Tot Ion: 98 Resp: 603088

Ion Ratio Lower Upper

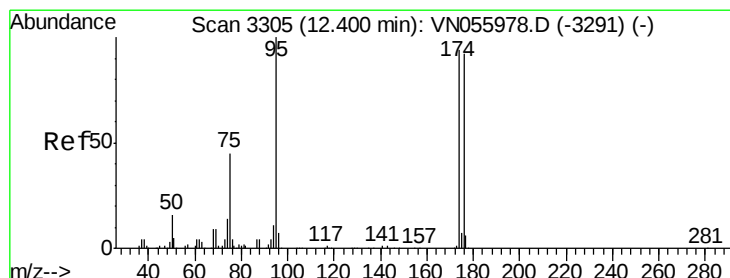
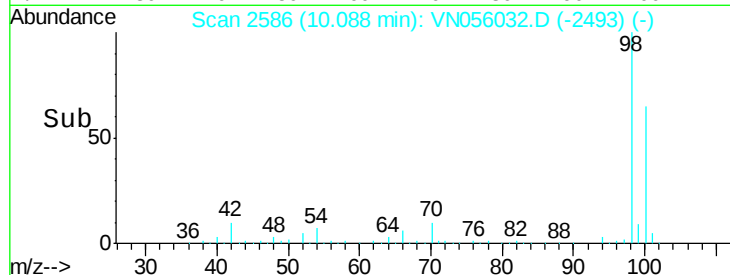
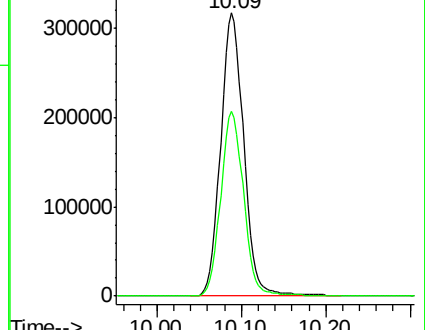
98 100

100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 44.304 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056032.D

Acq: 6 Jun 2019 9:29

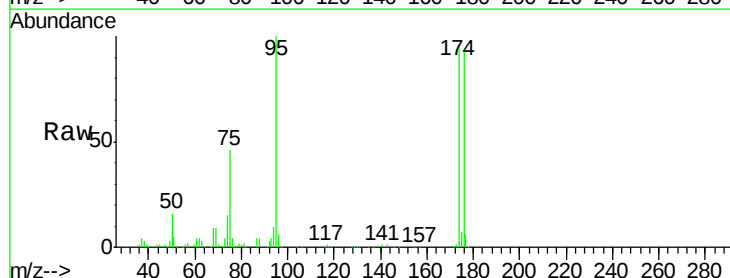
Tgt Ion: 95 Resp: 180866

Ion Ratio Lower Upper

95 100

174 96.0 0.0 191.0

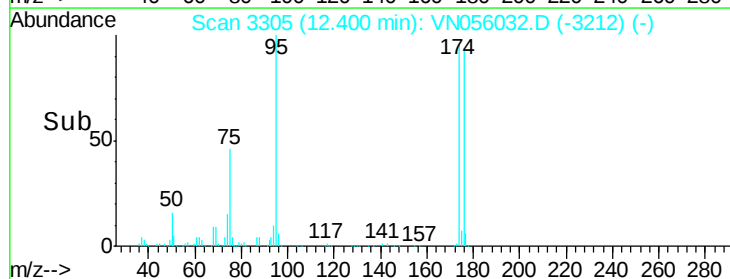
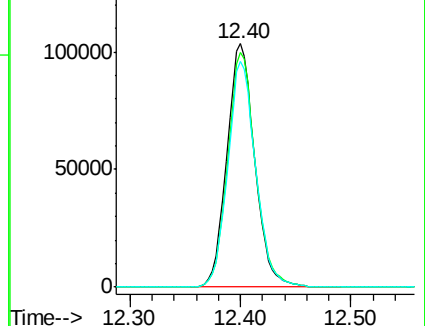
176 93.2 0.0 185.2

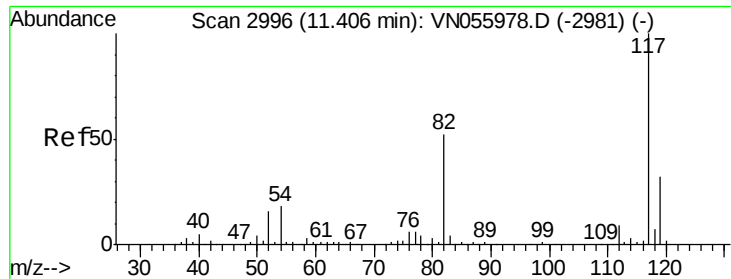


Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

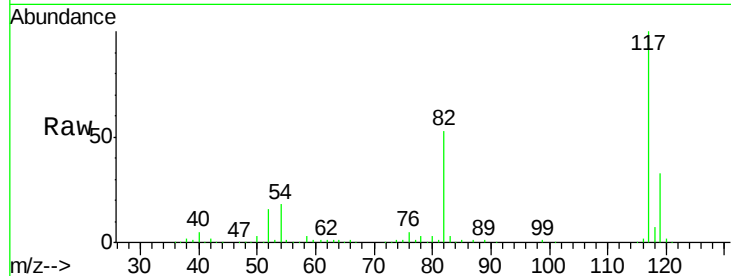




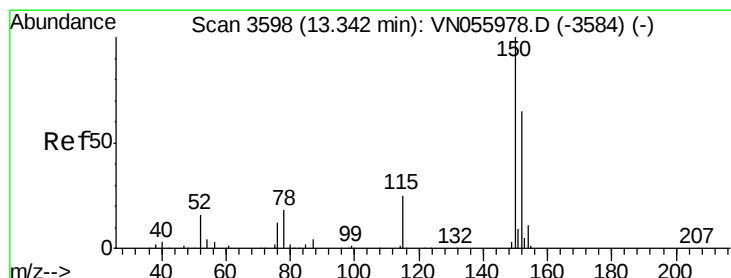
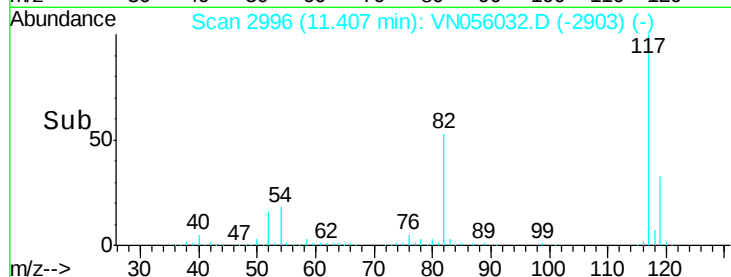
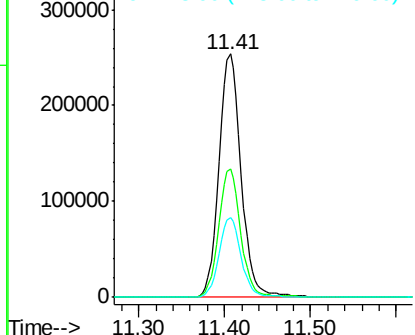
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056032.D
Acq: 6 Jun 2019 9:29

Instrument :
MSVOA_N
ClientSampleId :
VN0607WBL01

Tot Ion:117 Resp: 455724
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 32.7 25.4 38.0

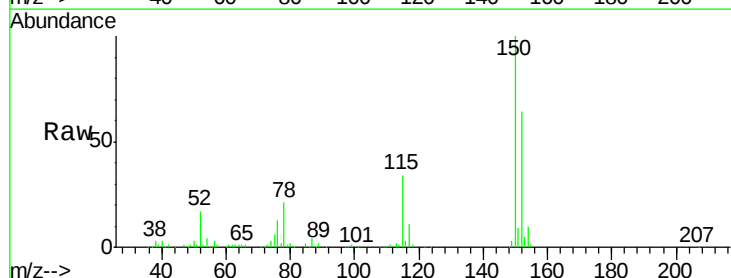


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056032.D
Acq: 6 Jun 2019 9:29

Tgt Ion:152 Resp: 143261
Ion Ratio Lower Upper
152 100
115 52.6 27.0 81.0
150 155.9 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

