

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041519\
 Data File : VN055042.D
 Acq On : 15 Apr 2019 14:12
 Operator : JC/SP
 Sample : K2342-02
 Misc : 2.68g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-S2

Quant Time: Apr 15 15:55:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	519149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	830235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	692230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	247456	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	322772	46.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.54%	
35) Dibromofluoromethane	7.59	113	259975	46.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.70%	
50) Toluene-d8	10.09	98	988166	49.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	299632	46.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.82%	

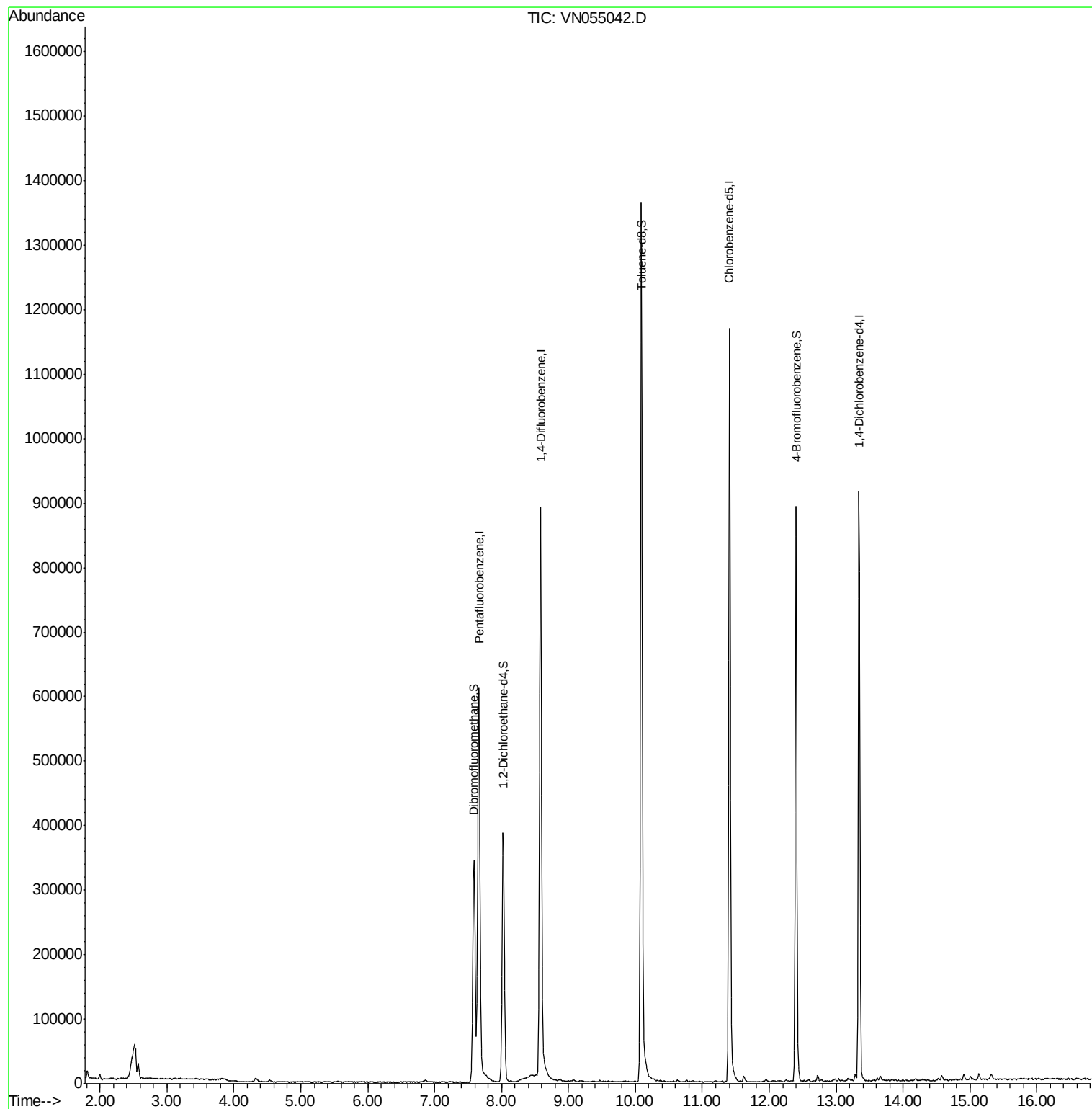
Target Compounds	Qvalue

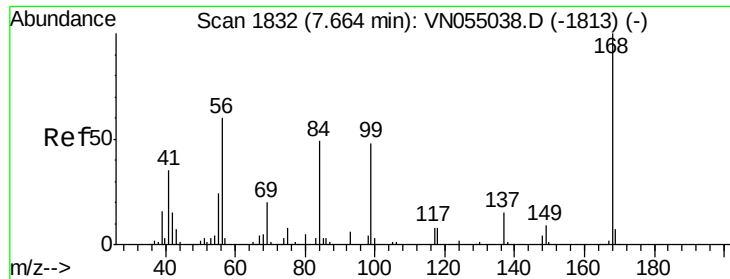
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 15 12:28:28 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055042.D

Acq: 15 Apr 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

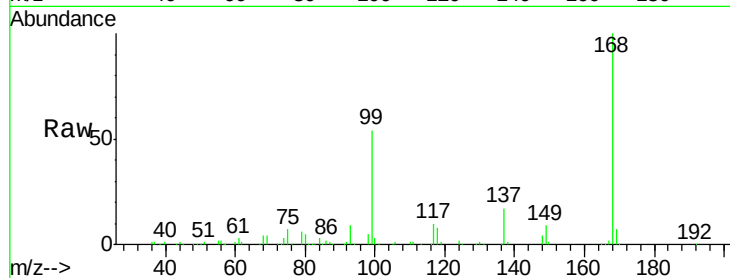
TP-11-S2

Tot Ion:168 Resp: 519149

Ion Ratio Lower Upper

168 100

99 53.7 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

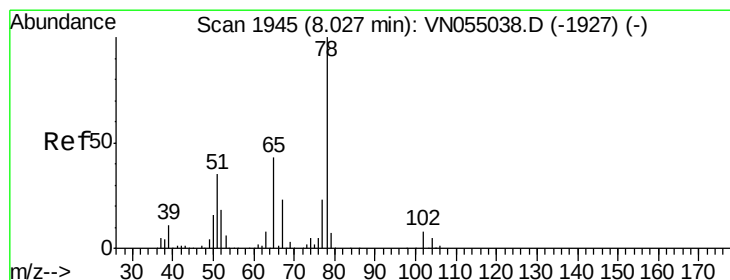
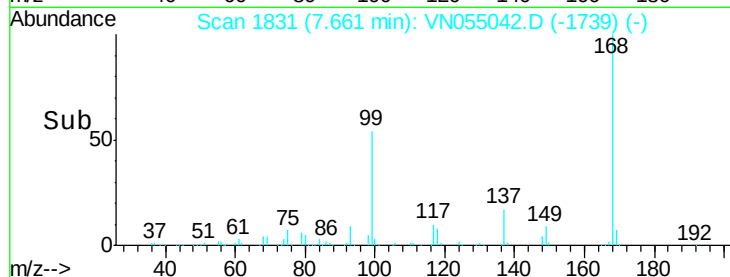
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.773 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055042.D

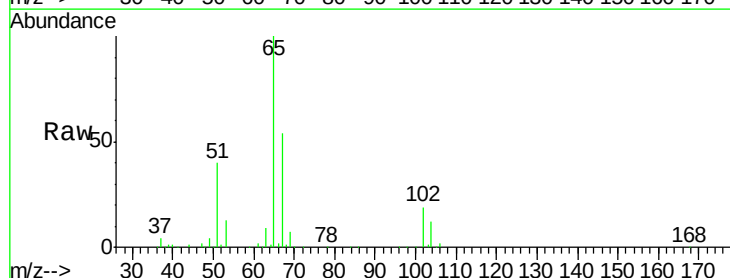
Acq: 15 Apr 2019 14:12

Tgt Ion: 65 Resp: 322772

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.02

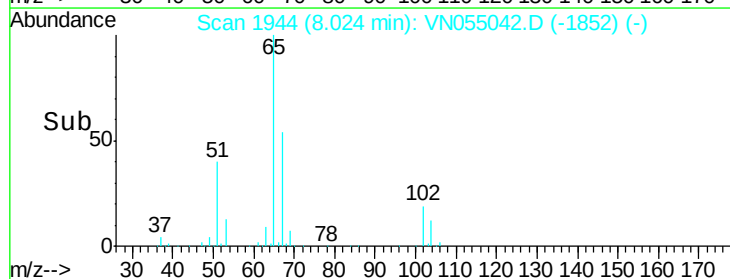
150000

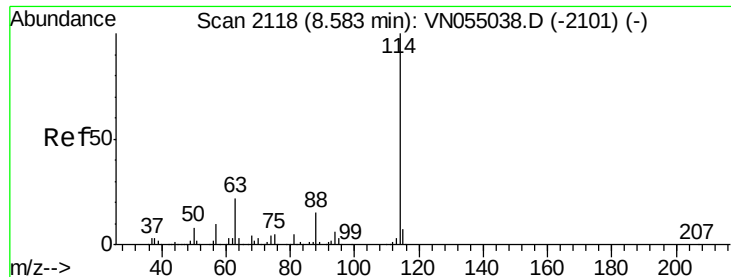
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055042.D

Acq: 15 Apr 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

TP-11-S2

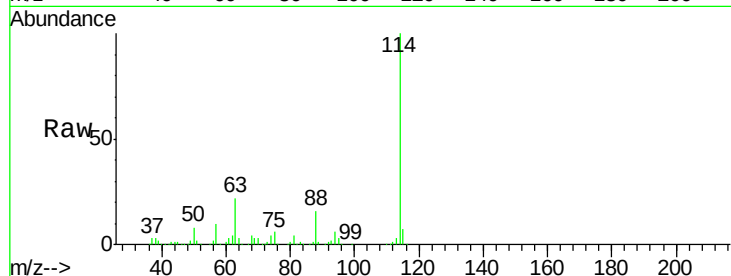
Tot Ion:114 Resp: 830235

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.2

88 15.8 0.0 31.8



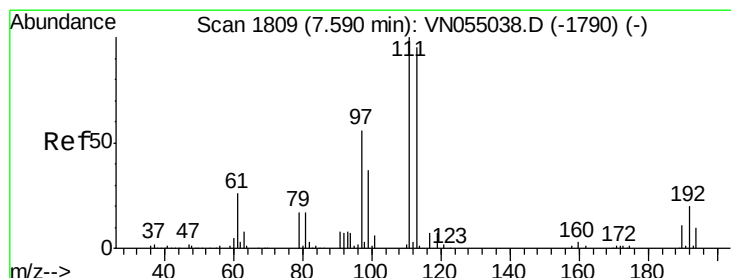
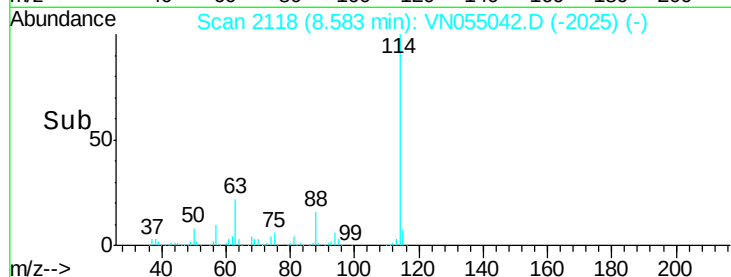
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

8.58

Time--> 8.40 8.60 8.80



#35

Dibromofluoromethane

Concen: 46.855 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055042.D

Acq: 15 Apr 2019 14:12

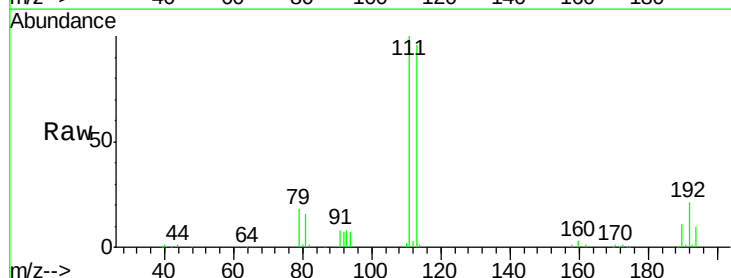
Tgt Ion:113 Resp: 259975

Ion Ratio Lower Upper

113 100

111 103.8 82.1 123.1

192 21.3 16.5 24.7



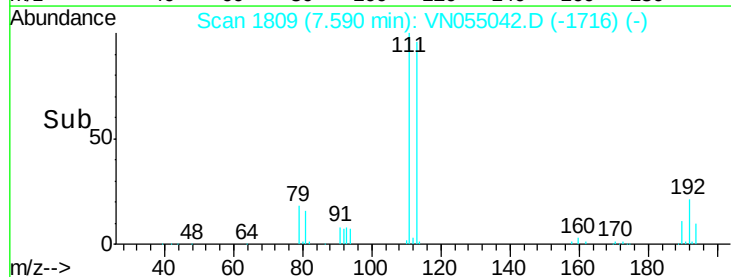
Abundance Ion 112.80 (112.50 to 113.50): V

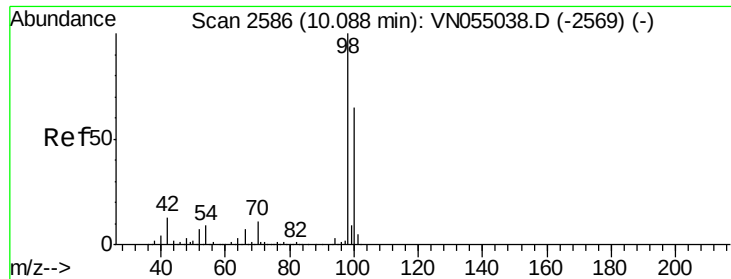
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.59

Time--> 7.50 7.60 7.70





#50

Toluene-d8

Concen: 49.760 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055042.D

Acq: 15 Apr 2019 14:12

Instrument :

MSVOA_N

ClientSampled :

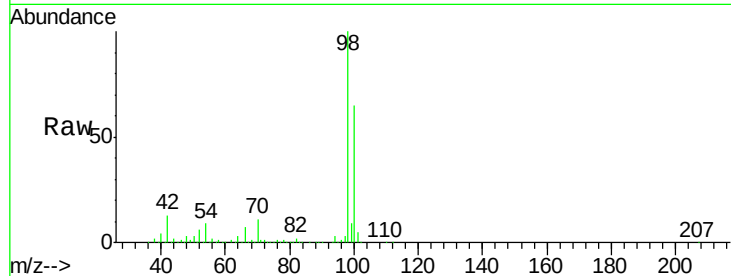
TP-11-S2

Tot Ion: 98 Resp: 988166

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055038.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055038.D (-2569) (-)

10.09

500000

400000

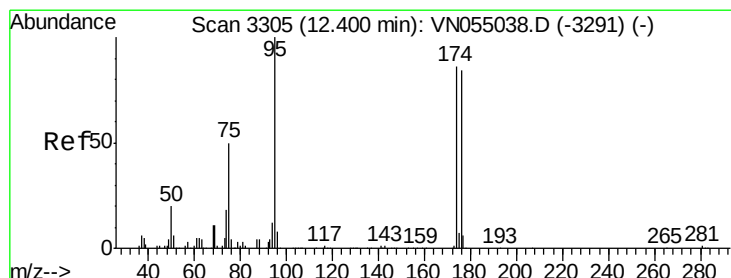
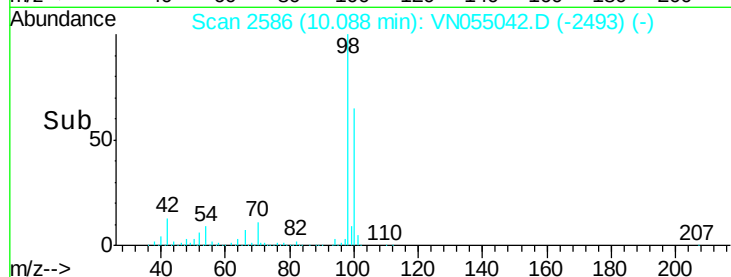
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.411 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055042.D

Acq: 15 Apr 2019 14:12

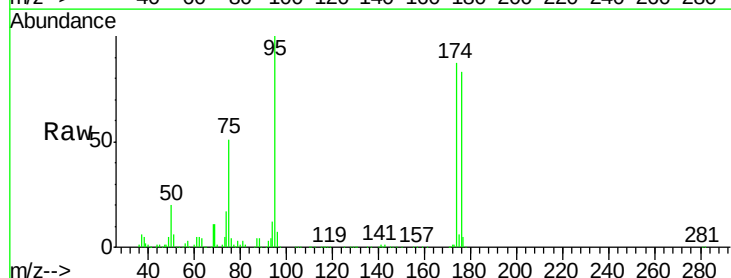
Tgt Ion: 95 Resp: 299632

Ion Ratio Lower Upper

95 100

174 86.8 0.0 174.4

176 82.4 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055038.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055038.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055038.D (-3291) (-)

12.40

200000

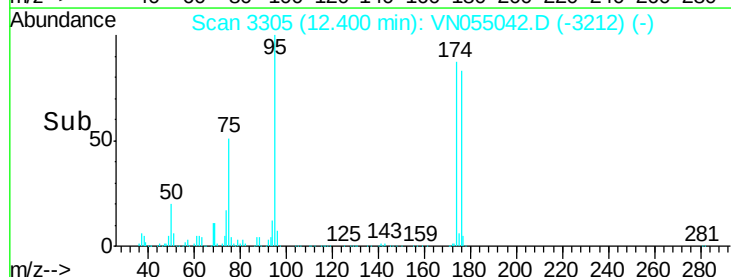
150000

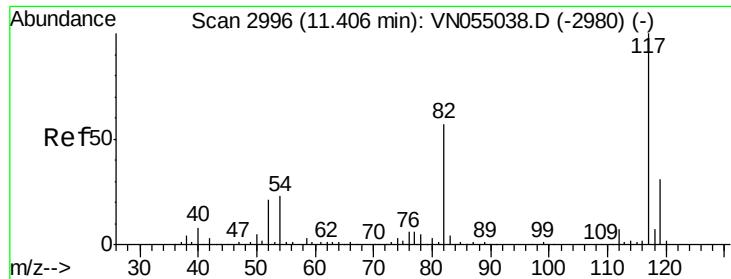
100000

50000

0

Time-->

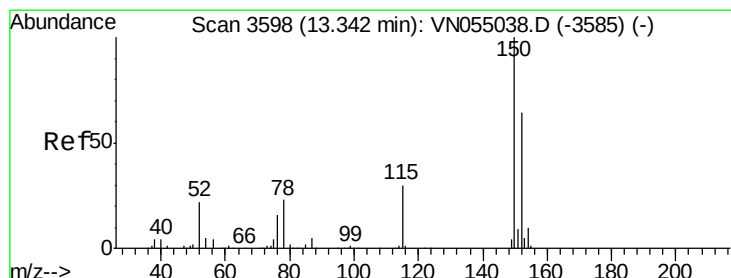
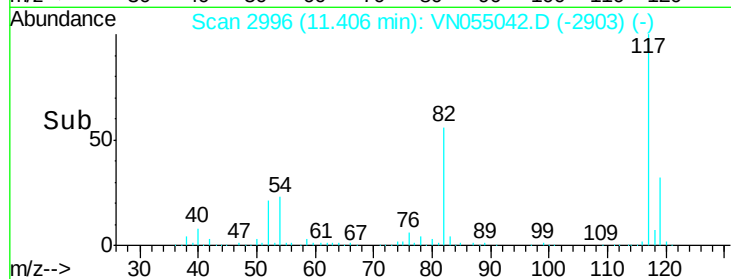
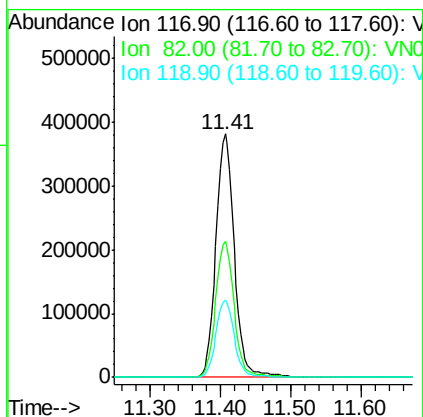
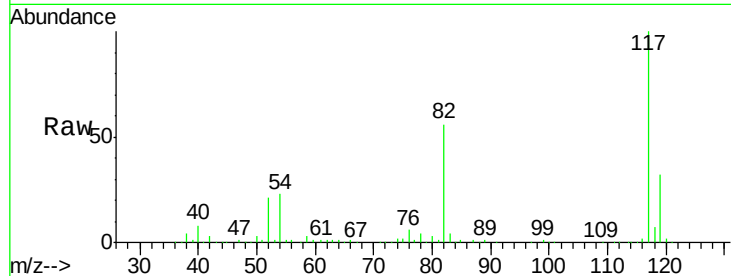




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055042.D
Acq: 15 Apr 2019 14:12

Instrument :
MSVOA_N
ClientSampled :
TP-11-S2

Tot Ion:117 Resp: 692230
Ion Ratio Lower Upper
117 100
82 55.8 44.6 66.8
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055042.D
Acq: 15 Apr 2019 14:12

Tgt Ion:152 Resp: 247456
Ion Ratio Lower Upper
152 100
115 57.5 28.5 85.6
150 156.8 0.0 347.2

