

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053647.D
 Acq On : 7 Feb 2019 11:17
 Operator : JC/SP
 Sample : VN0207WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 09 00:46:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	712537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1164856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1071237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	427306	50.00	ug/l	0.00

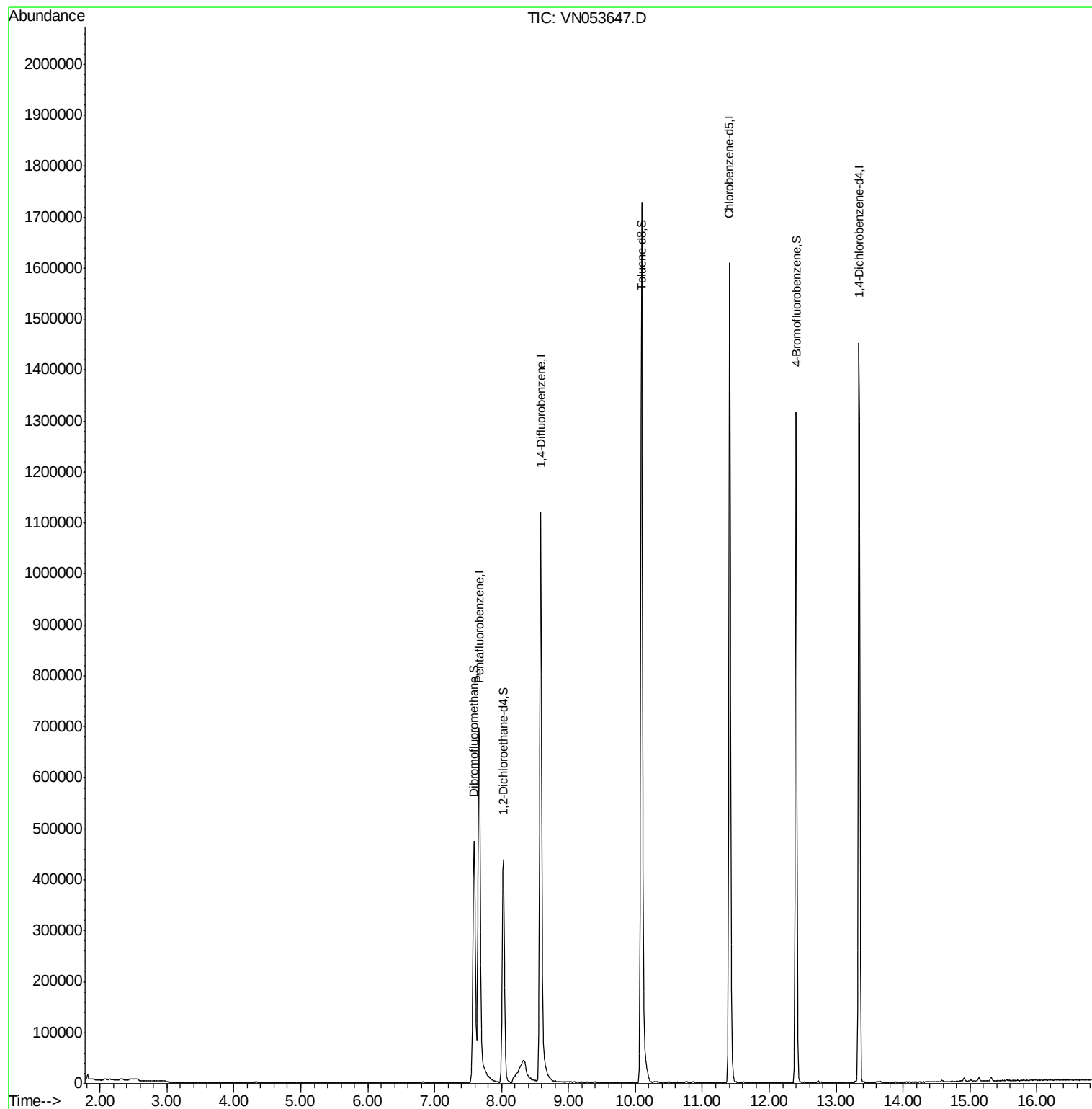
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	375139	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	7.59	113	373591	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.09	98	1404018	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.40	95	459725	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

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: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053647.D

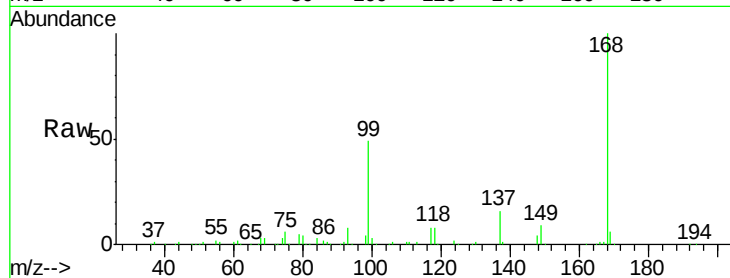
Acq: 7 Feb 2019 11:17

Tot Ion:168 Resp: 712537

Ion Ratio Lower Upper

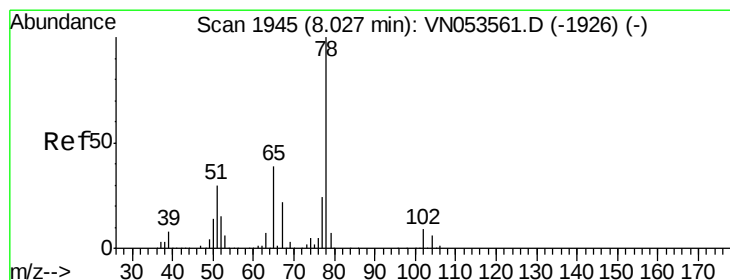
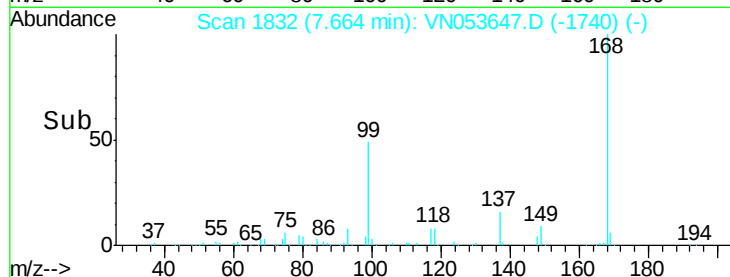
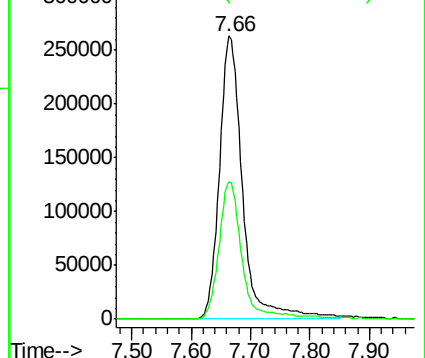
168 100

99 48.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 52.481 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053647.D

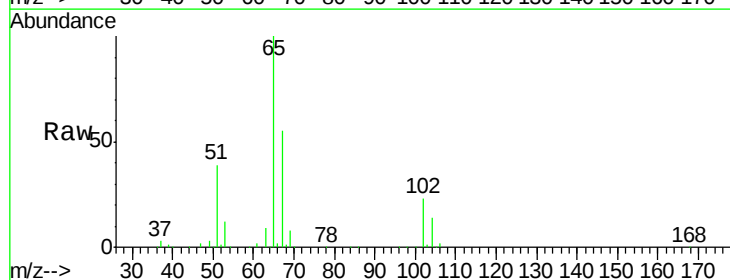
Acq: 7 Feb 2019 11:17

Tgt Ion: 65 Resp: 375139

Ion Ratio Lower Upper

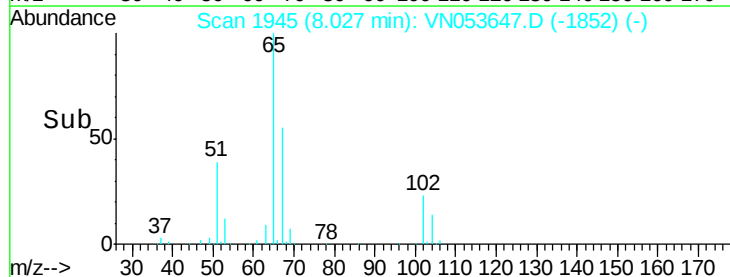
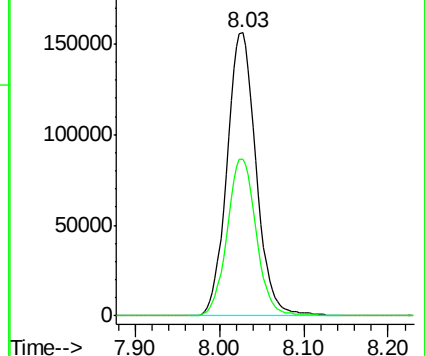
65 100

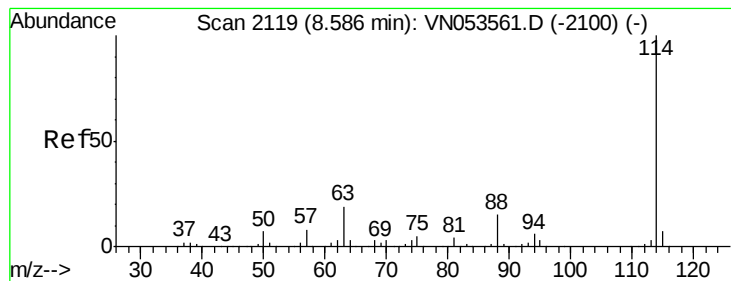
67 55.5 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN053647.D

Acq: 7 Feb 2019 11:17

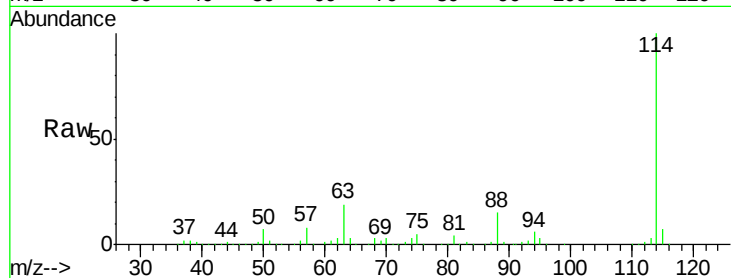
Tot Ion:114 Resp: 1164856

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

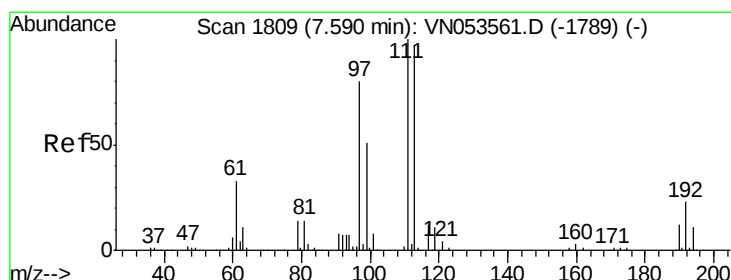
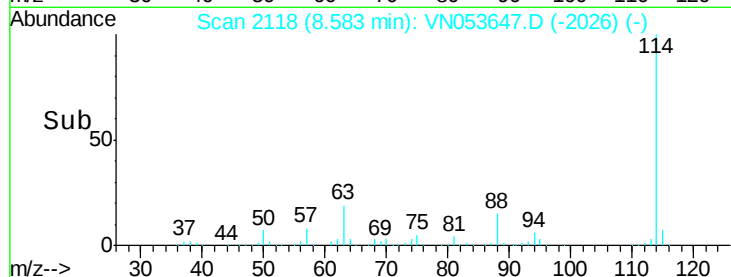
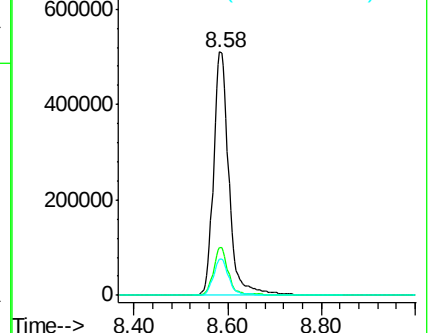
88 14.9 0.0 30.4



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: 50.757 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053647.D

Acq: 7 Feb 2019 11:17

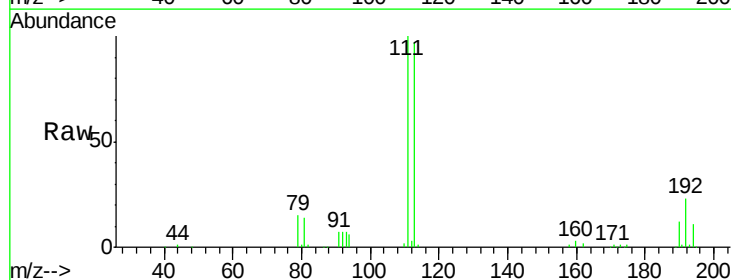
Tgt Ion:113 Resp: 373591

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

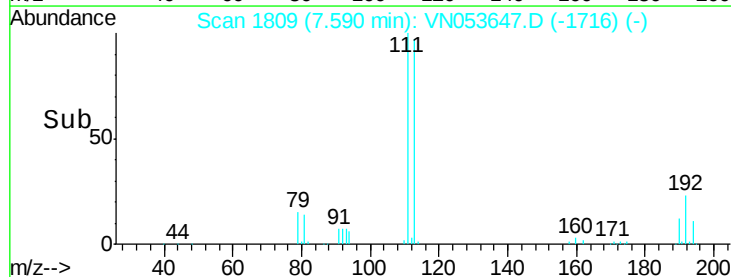
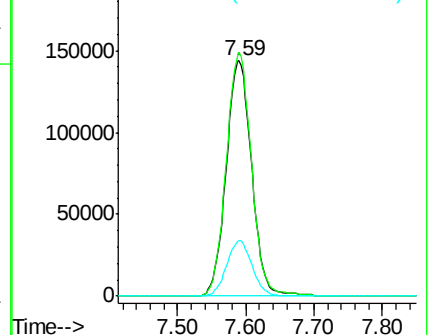
192 23.5 18.2 27.2

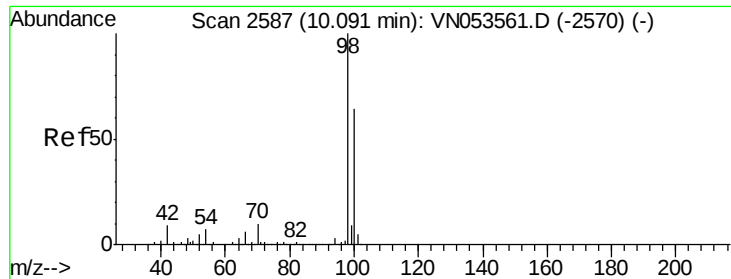


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

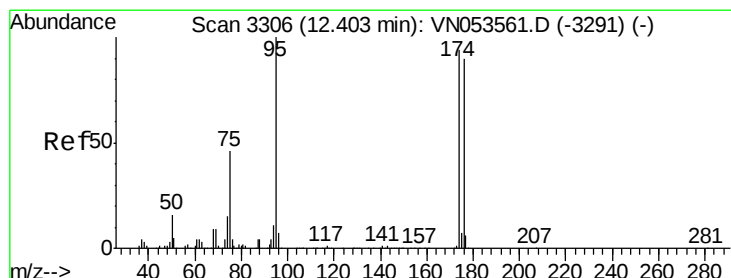
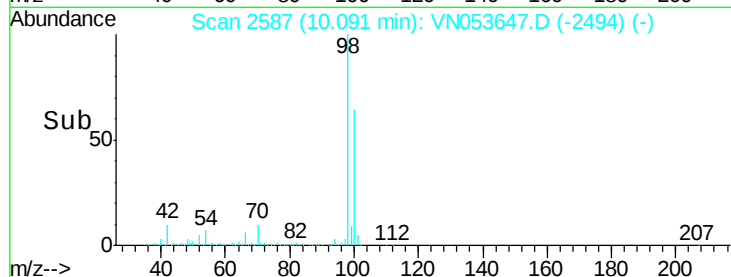
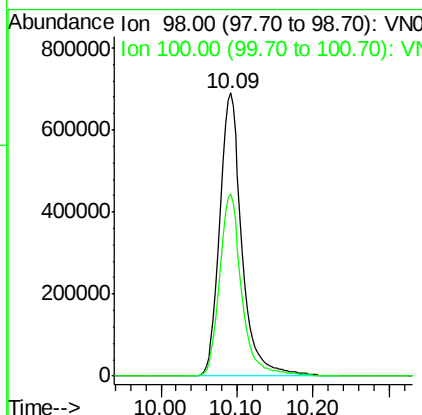
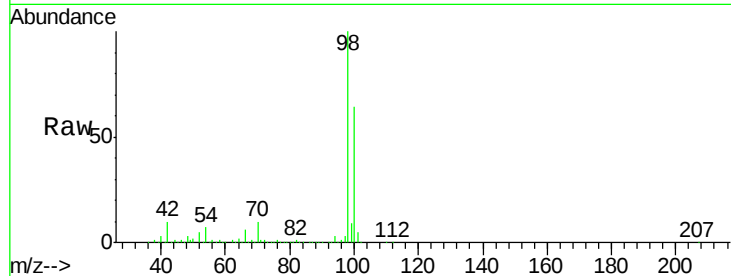
Ion 191.70 (191.40 to 192.40): V





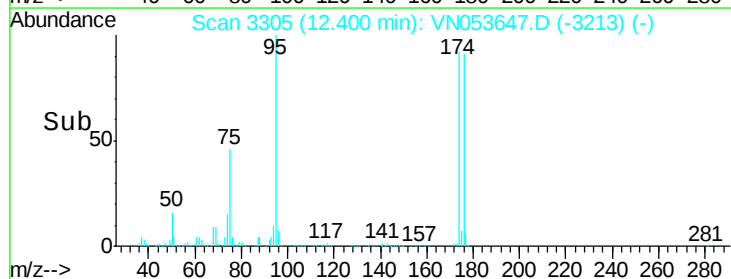
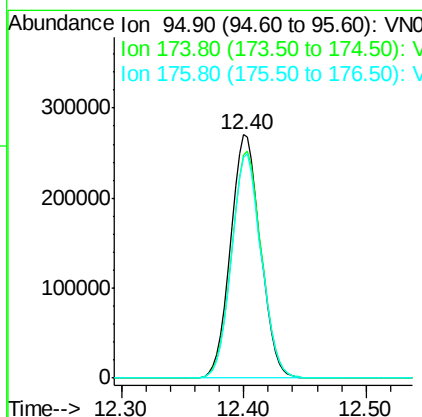
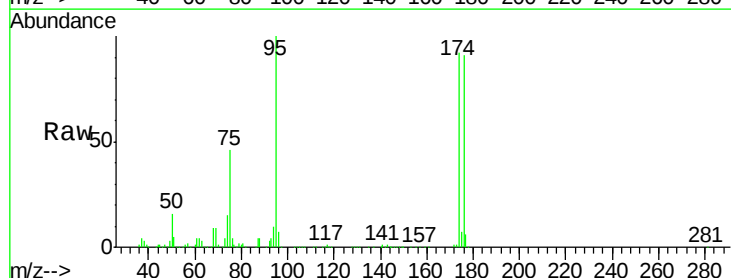
#50
Toluene-d8
Concen: 50.802 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053647.D
Acq: 7 Feb 2019 11:17

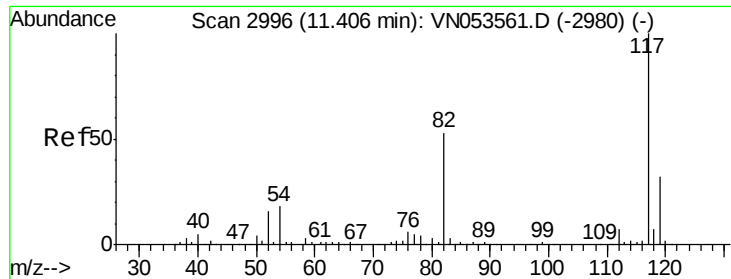
Tot Ion: 98 Resp: 1404018
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.876 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053647.D
Acq: 7 Feb 2019 11:17

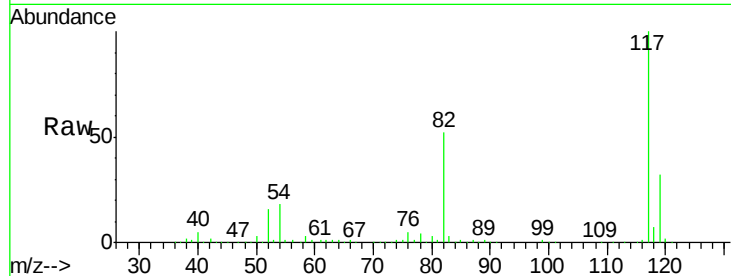
Tgt Ion: 95 Resp: 459725
Ion Ratio Lower Upper
95 100
174 93.8 0.0 183.2
176 91.6 0.0 177.4



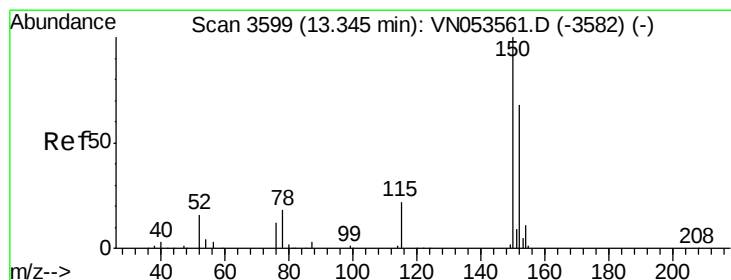
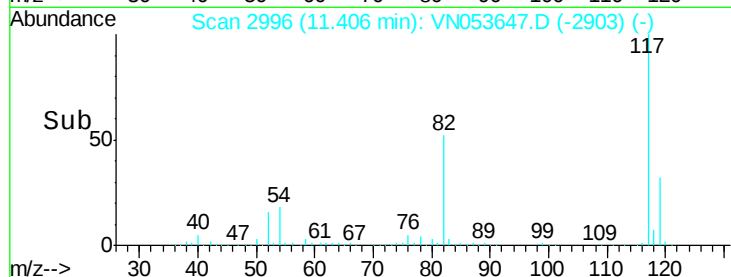
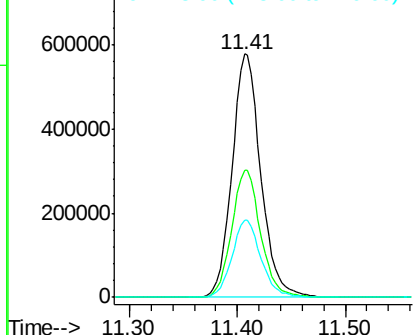


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053647.D
Acq: 7 Feb 2019 11:17

Tot Ion:117 Resp: 1071237
Ion Ratio Lower Upper
117 100
82 52.1 42.9 64.3
119 31.9 26.0 39.0

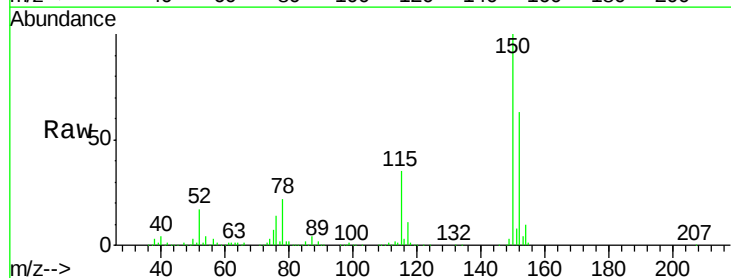


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053647.D
Acq: 7 Feb 2019 11:17

Tgt Ion:152 Resp: 427306
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 157.4 0.0 349.0



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

