

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013019\
 Data File : VN053565.D
 Acq On : 30 Jan 2019 12:18
 Operator : JC/SP
 Sample : VN0130WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBL01

Quant Time: Jan 31 06:21:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 31 05:27:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	750535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1203695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1093163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	470719	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	390140	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.59	113	381243	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.09	98	1452303	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.40	95	492036	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

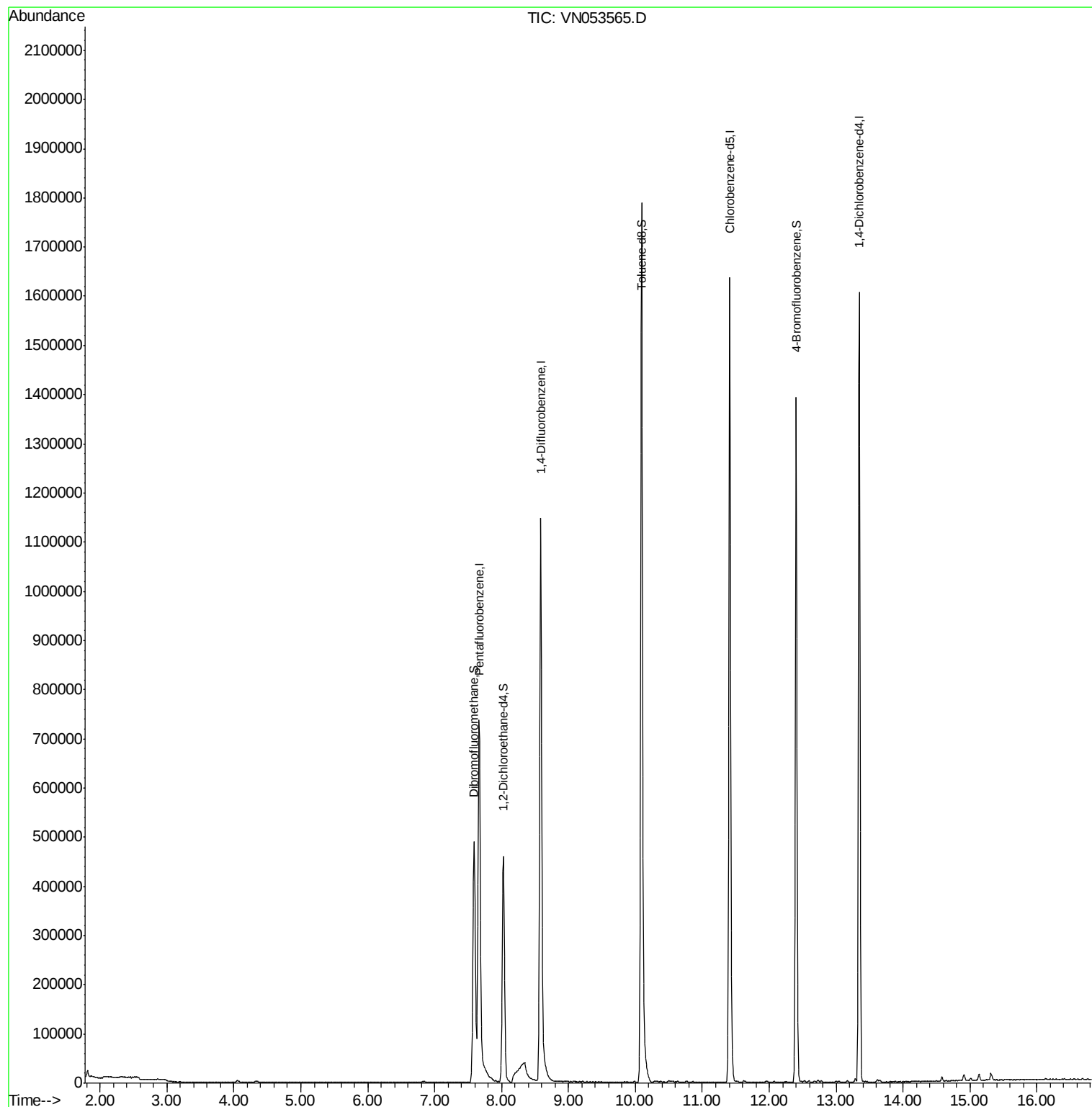
Target Compounds	Qvalue
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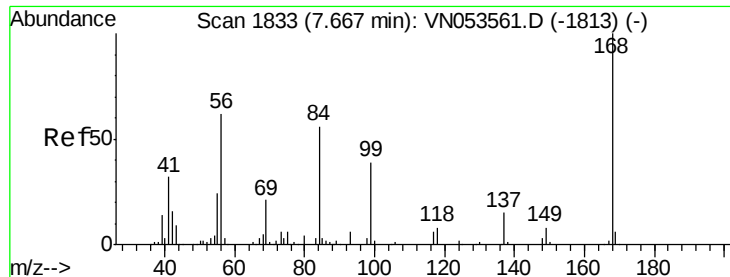
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053565.D

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Instrument :

MSVOA_N

ClientSampleId :

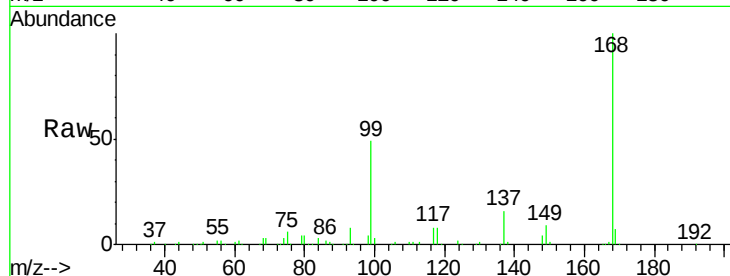
VN0130WBL01

Tgt Ion:168 Resp: 750535

Ion Ratio Lower Upper

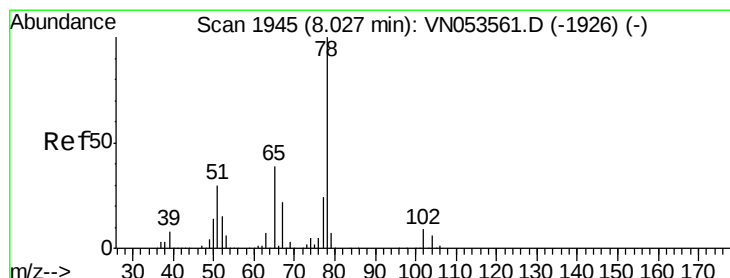
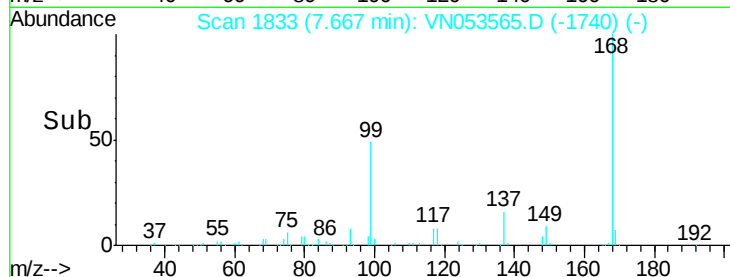
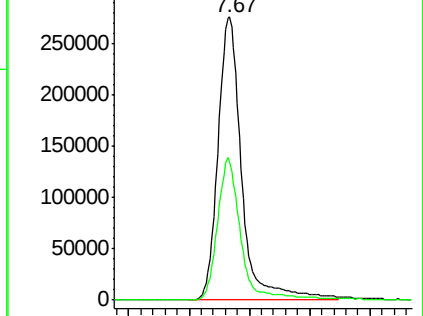
168 100

99 48.8 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: 51.816 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053565.D

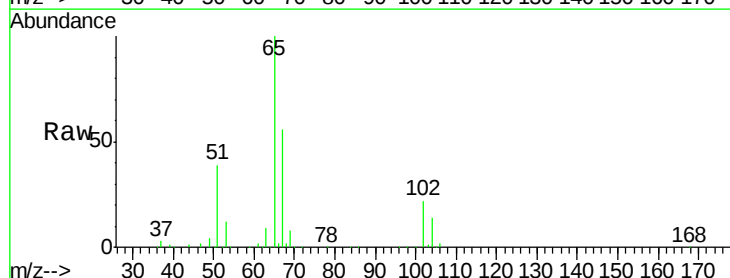
Acq: 30 Jan 2019 12:18

Tgt Ion: 65 Resp: 390140

Ion Ratio Lower Upper

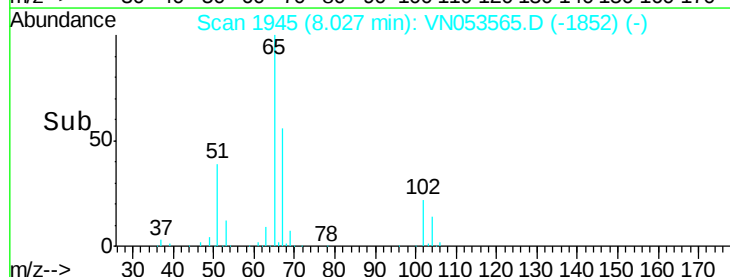
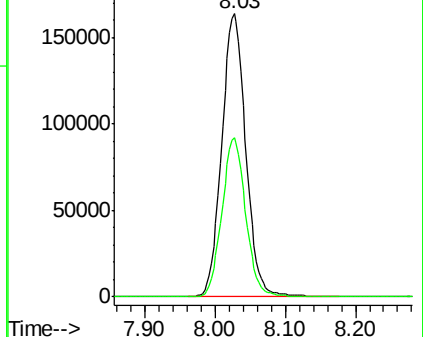
65 100

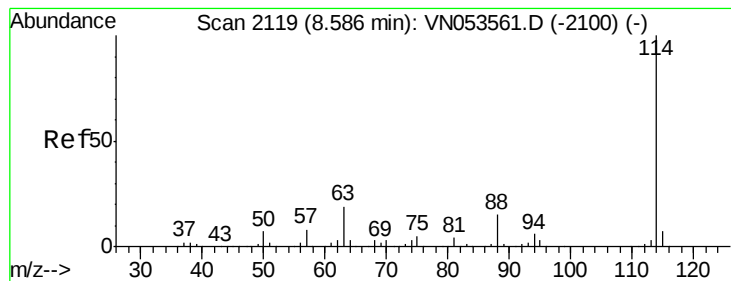
67 55.5 0.0 111.2



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053565.D

Acq: 30 Jan 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBL01

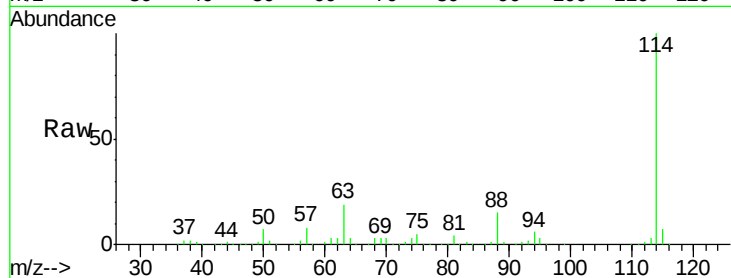
Tgt Ion:114 Resp: 1203695

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

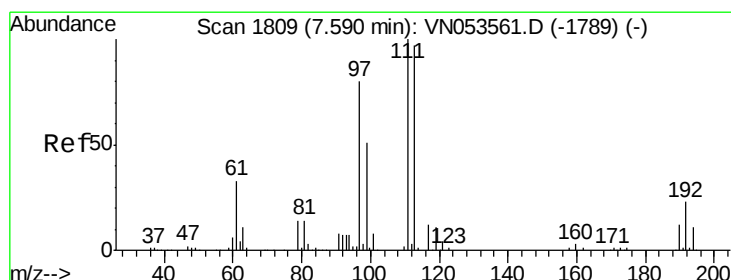
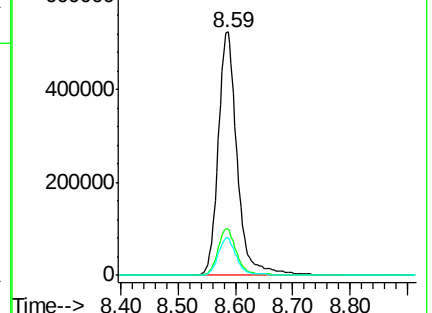
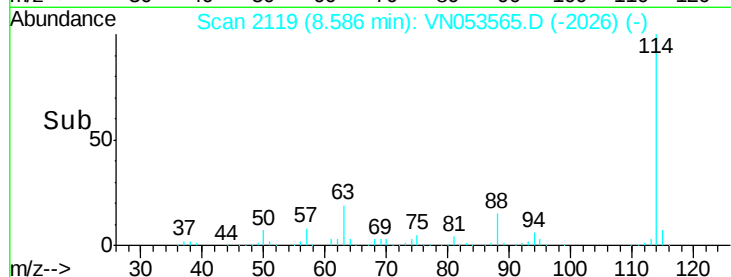
88 15.5 0.0 30.4



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: 50.125 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053565.D

Acq: 30 Jan 2019 12:18

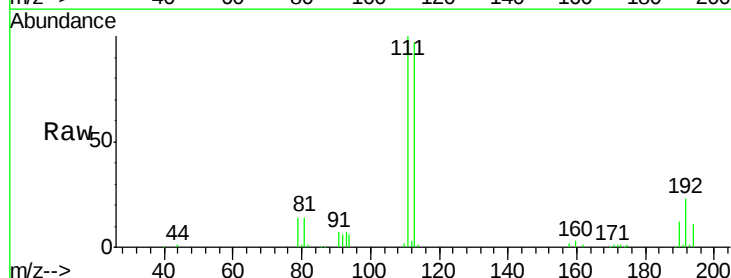
Tgt Ion:113 Resp: 381243

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

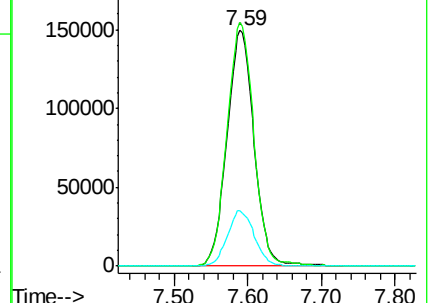
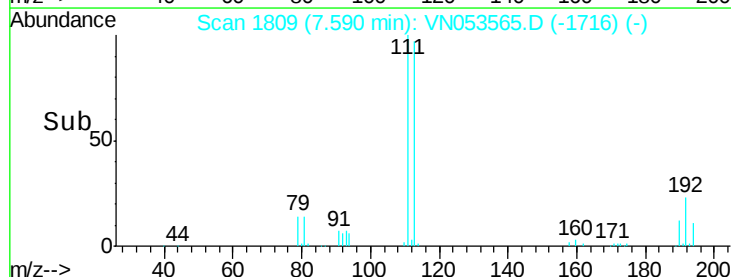
192 23.5 18.2 27.2

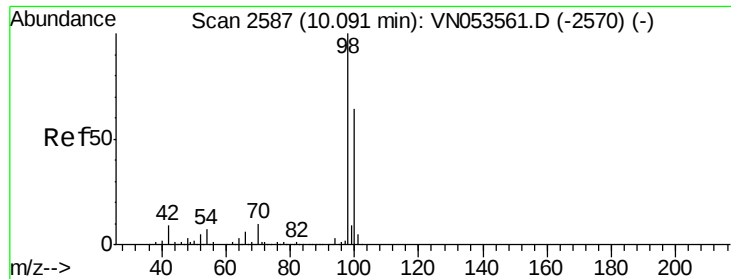


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.854 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053565.D

Acq: 30 Jan 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

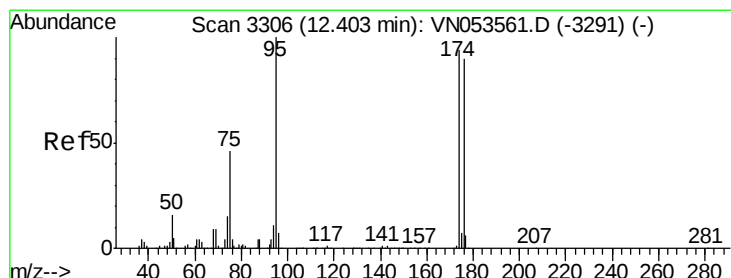
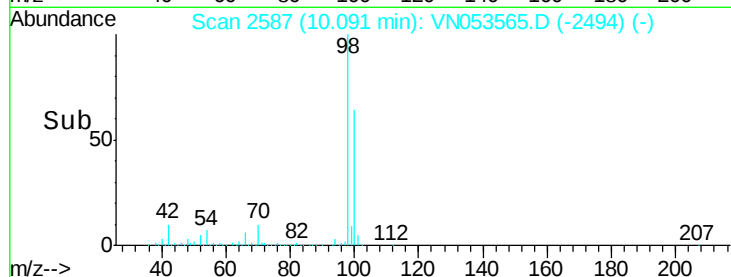
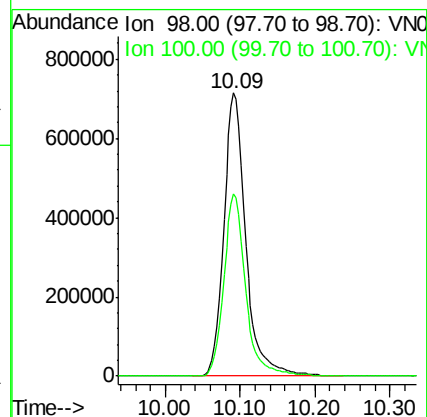
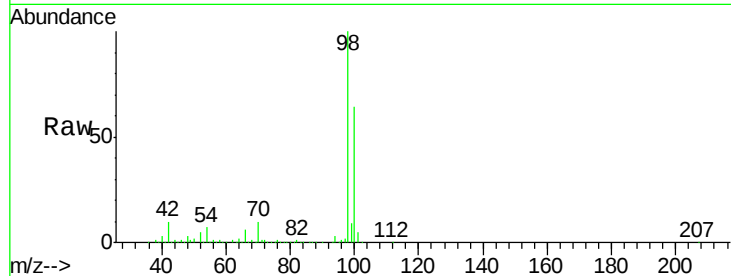
VN0130WBL01

Tgt Ion: 98 Resp: 1452303

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 51.659 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053565.D

Acq: 30 Jan 2019 12:18

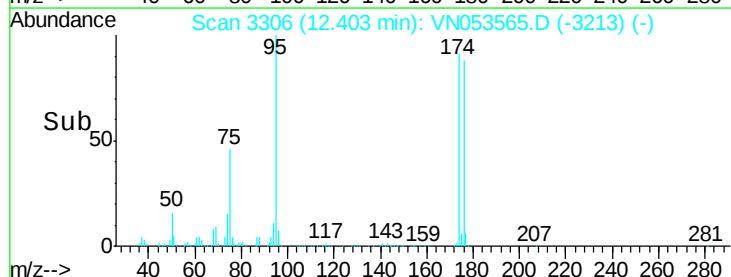
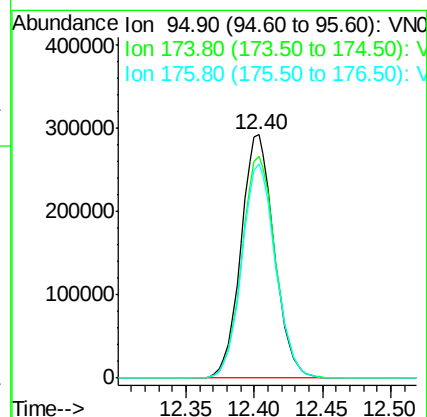
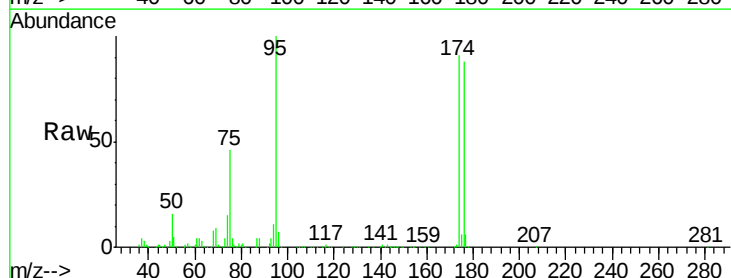
Tgt Ion: 95 Resp: 492036

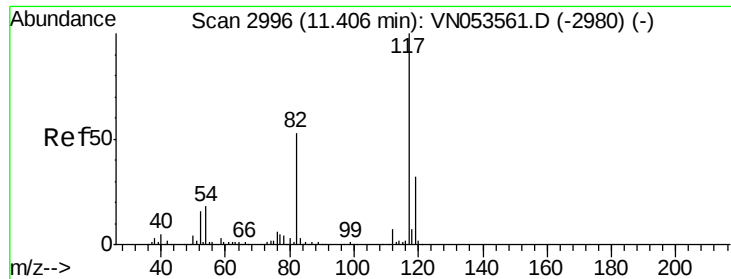
Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.2

176 89.2 0.0 177.4

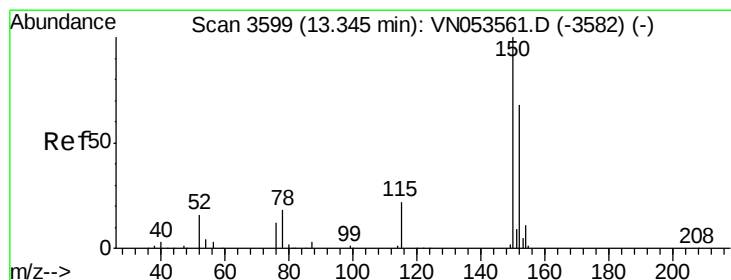
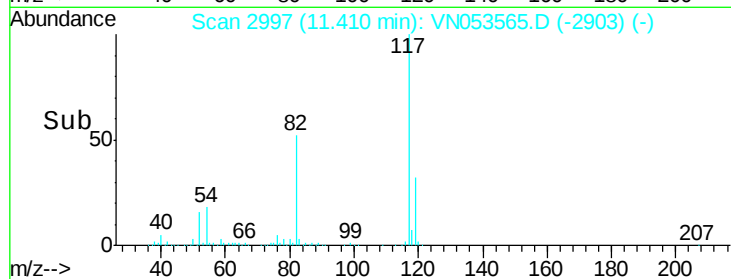
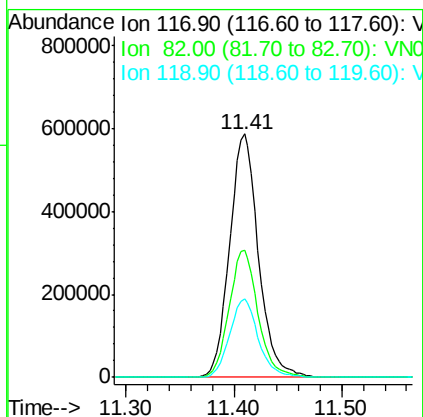
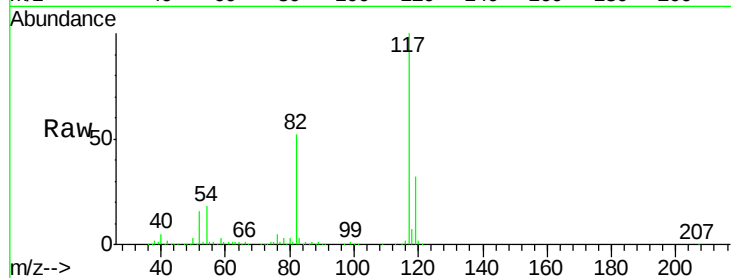




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053565.D
Acq: 30 Jan 2019 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBL01

Tgt Ion:117 Resp: 1093163
Ion Ratio Lower Upper
117 100
82 52.3 42.9 64.3
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053565.D
Acq: 30 Jan 2019 12:18

Tgt Ion:152 Resp: 470719
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.4
150 157.0 0.0 349.0

