

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050722.D
 Acq On : 17 Aug 2018 11:55
 Operator : MD\SY
 Sample : VN0817WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBL02

Quant Time: Aug 18 00:05:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	669682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1049802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	896716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	301897	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	437153	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	7.59	113	415124	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	10.09	98	1479592	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
62) 4-Bromofluorobenzene	12.40	95	384596	36.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.82%	

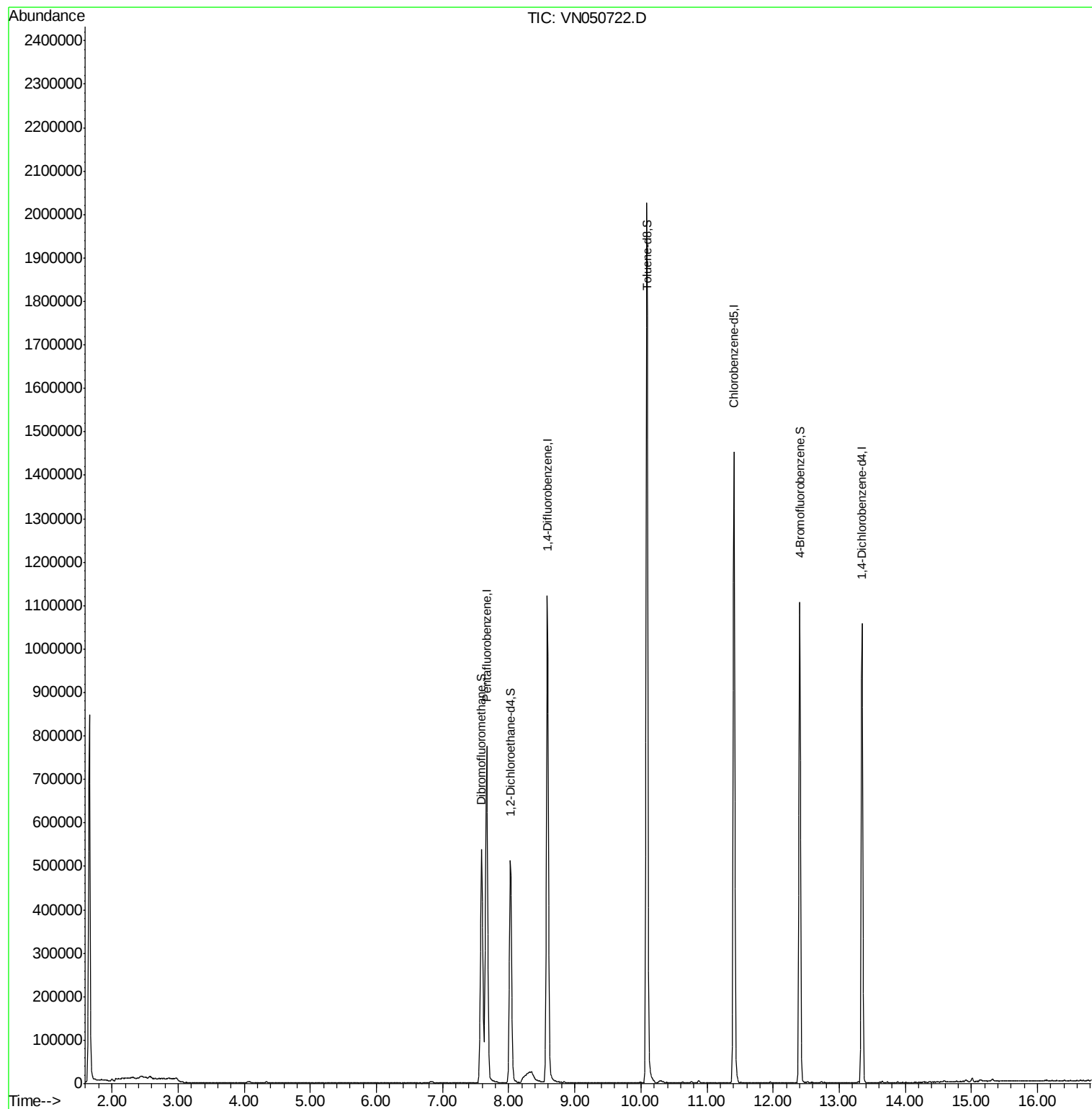
Target Compounds	Qvalue
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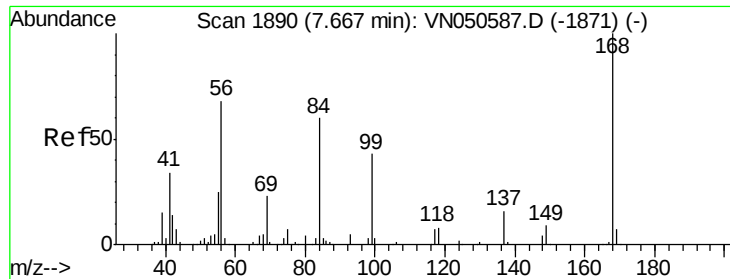
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050722.D

Acq: 17 Aug 2018 11:55

Instrument :

MSVOA_N

ClientSampleId :

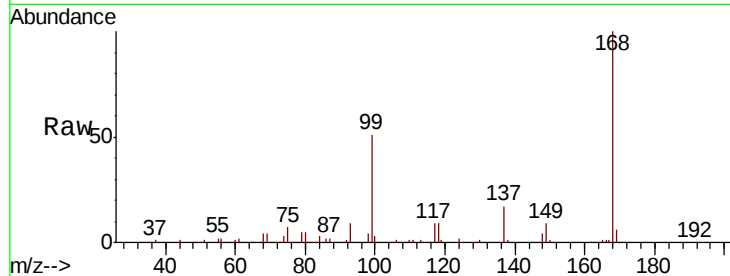
VN0817WBL02

Tot Ion:168 Resp: 669682

Ion Ratio Lower Upper

168 100

99 50.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

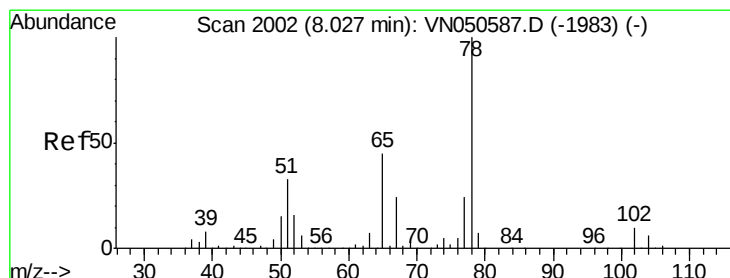
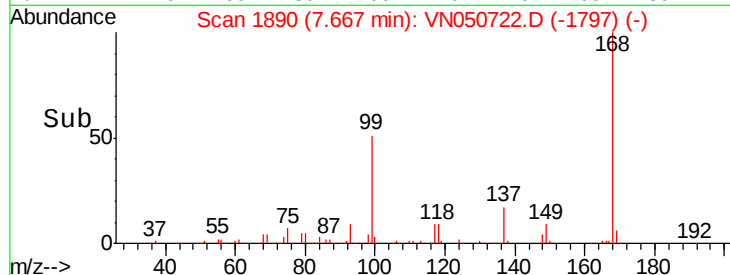
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.79 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN050722.D

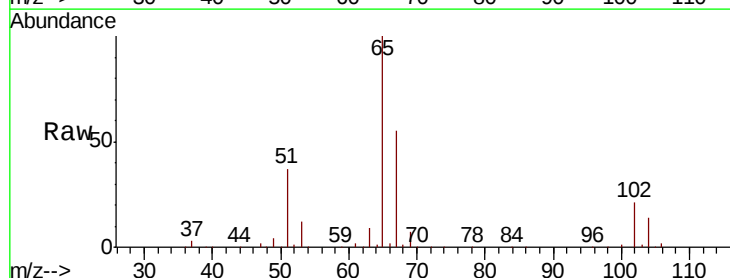
Acq: 17 Aug 2018 11:55

Tgt Ion: 65 Resp: 437153

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

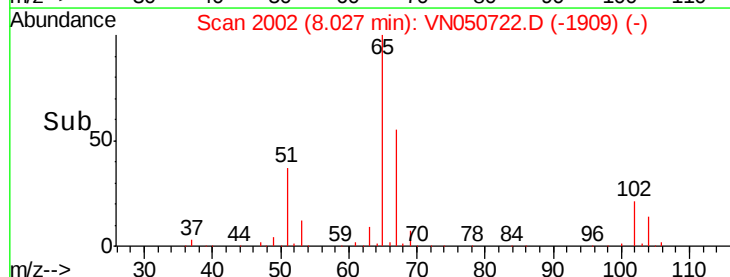
150000

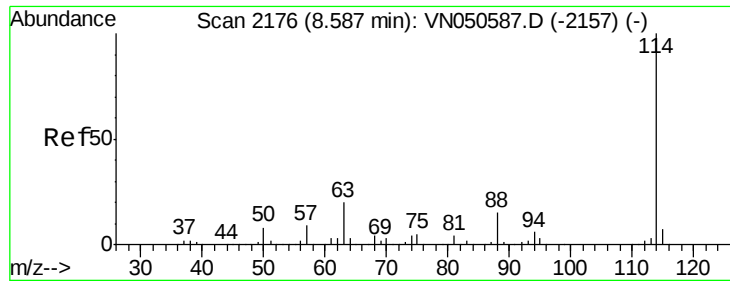
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050722.D

Acq: 17 Aug 2018 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBL02

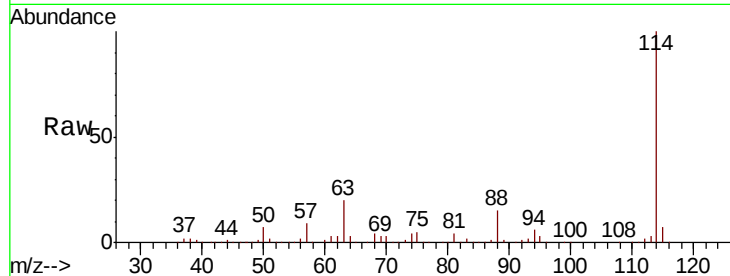
Tot Ion:114 Resp: 1049802

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

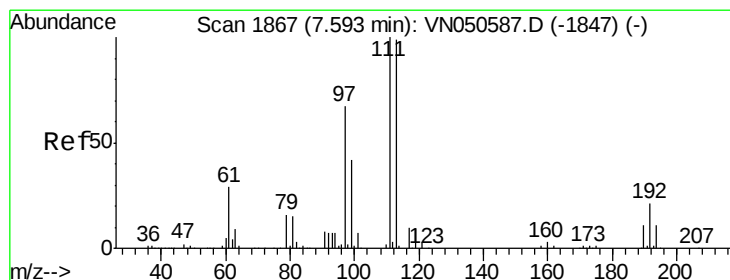
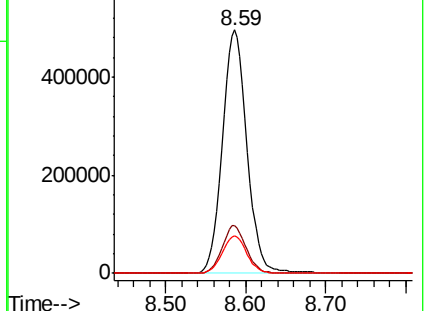
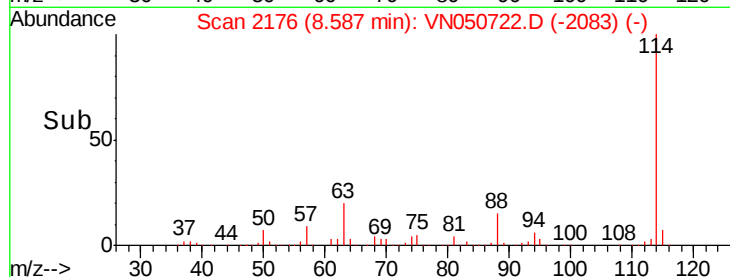
88 15.2 0.0 30.8



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



#35

Dibromofluoromethane

Concen: 49.53 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN050722.D

Acq: 17 Aug 2018 11:55

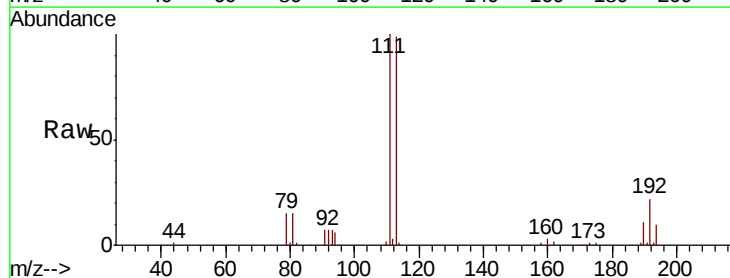
Tgt Ion:113 Resp: 415124

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.6

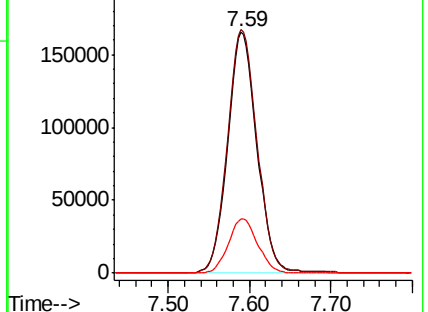
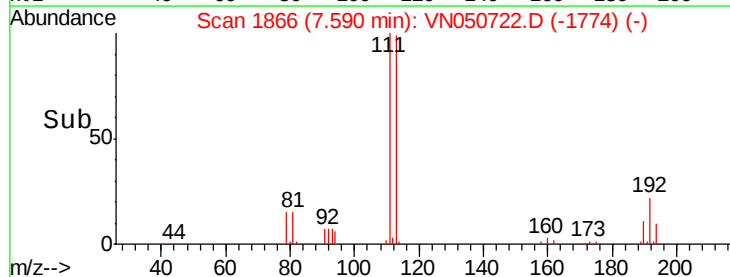
192 22.5 17.6 26.4

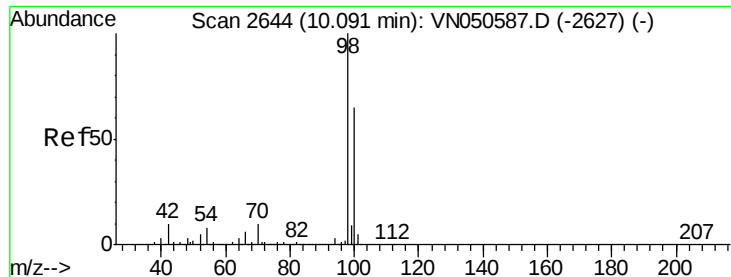


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.91 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050722.D

Acq: 17 Aug 2018 11:55

Instrument :

MSVOA_N

ClientSampleId :

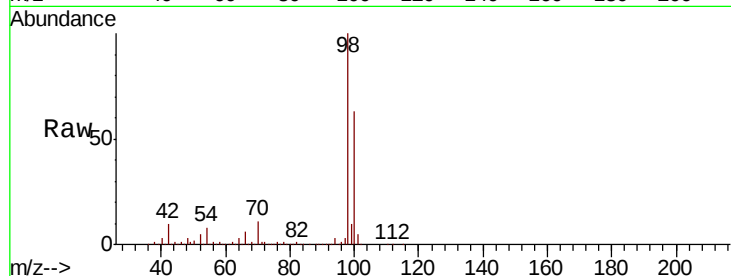
VN0817WBL02

Tot Ion: 98 Resp: 1479592

Ion Ratio Lower Upper

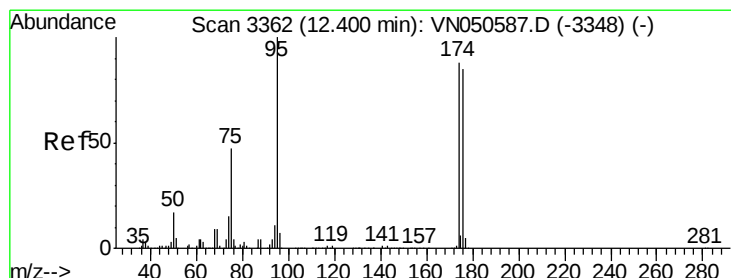
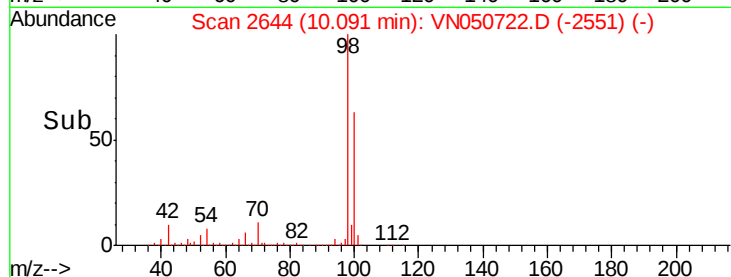
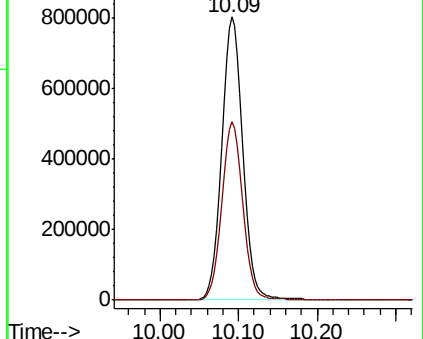
98 100

100 63.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 36.91 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050722.D

Acq: 17 Aug 2018 11:55

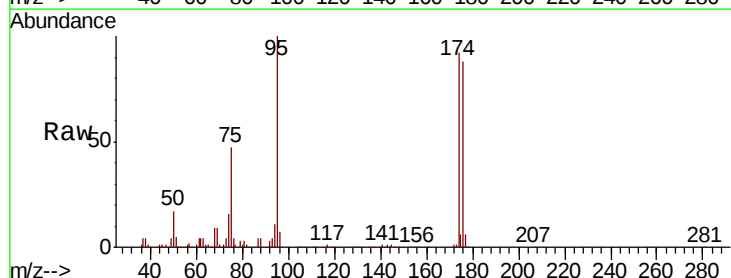
Tgt Ion: 95 Resp: 384596

Ion Ratio Lower Upper

95 100

174 92.0 0.0 177.8

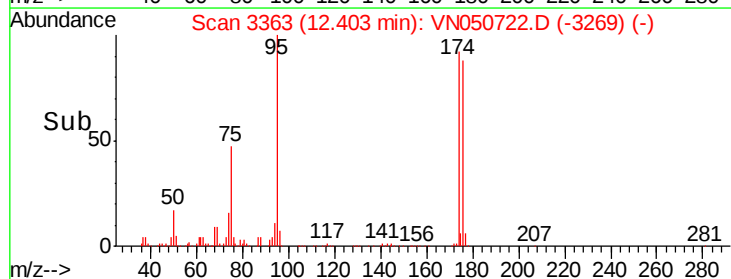
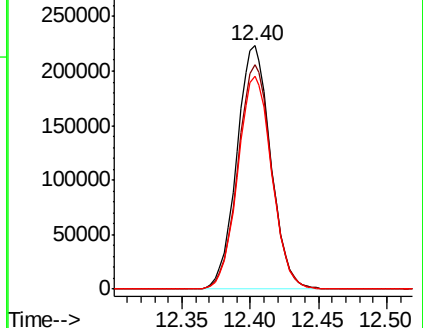
176 87.8 0.0 175.0

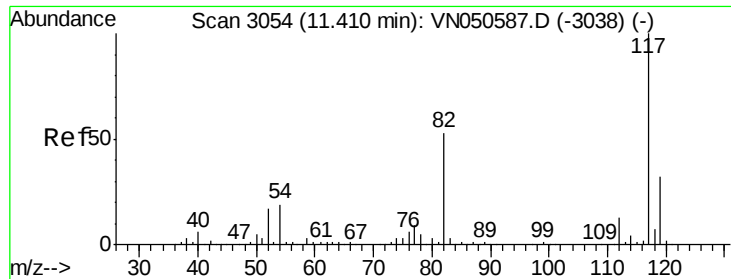


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

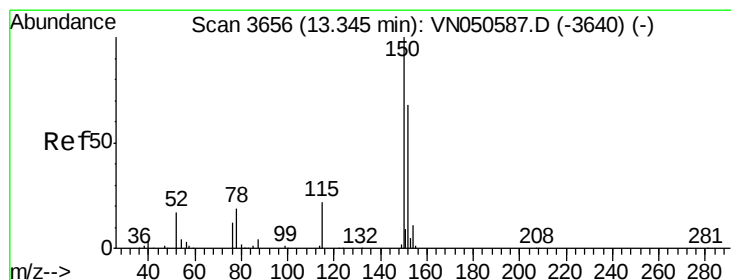
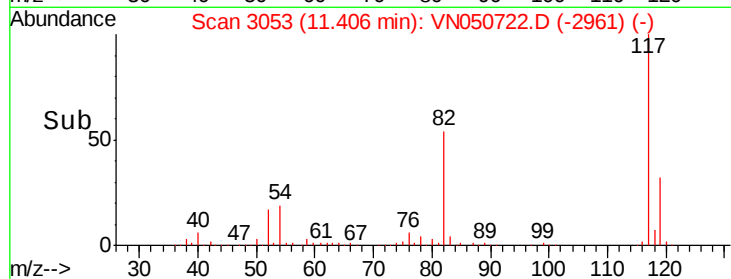
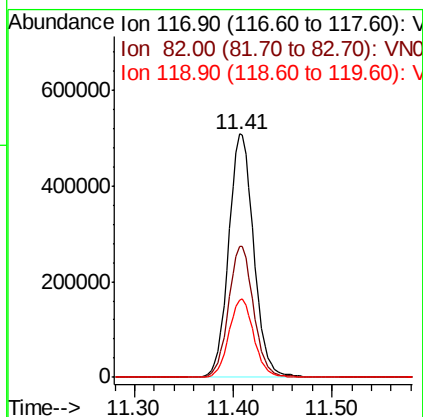
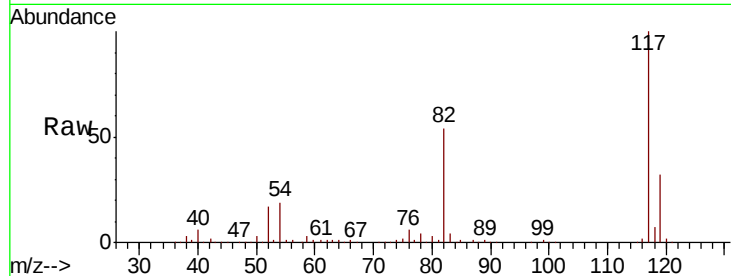




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050722.D
Acq: 17 Aug 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBL02

Tot Ion:117 Resp: 896716
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050722.D
Acq: 17 Aug 2018 11:55

Tgt Ion:152 Resp: 301897
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.2
150 158.1 0.0 347.8

