

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\
 Data File : VN049232.D
 Acq On : 14 Jun 2018 17:07
 Operator : MD\SY
 Sample : J3431-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-18RV

Quant Time: Jun 14 19:27:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 05:15:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	597297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1144076	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1218756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	351907	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	416340	43.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.34%	
35) Dibromofluoromethane	7.59	113	366333	38.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.38%	
50) Toluene-d8	10.09	98	1431723	38.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.74%	
62) 4-Bromofluorobenzene	12.40	95	477329	39.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.08%	

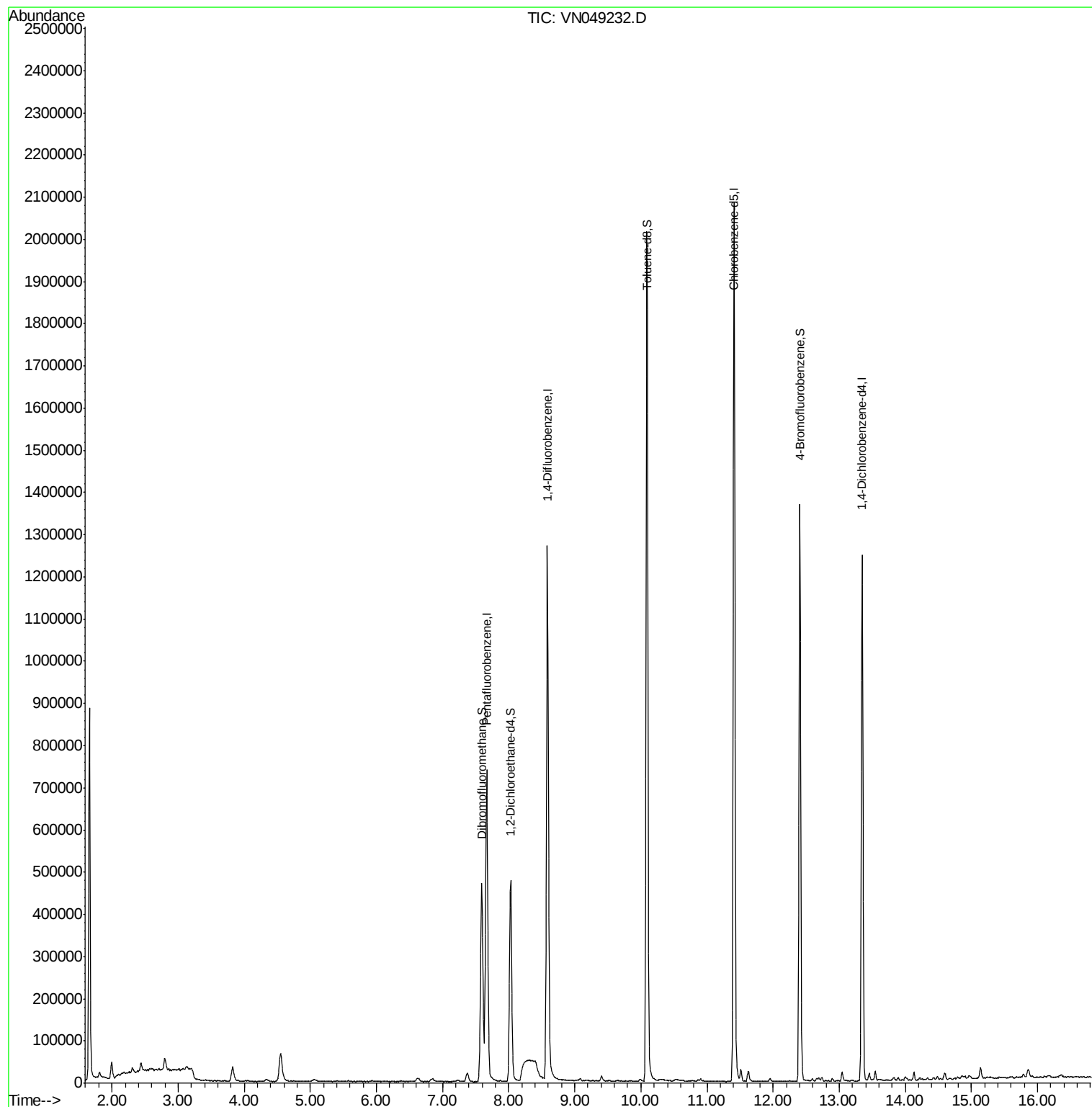
Target Compounds	Qvalue

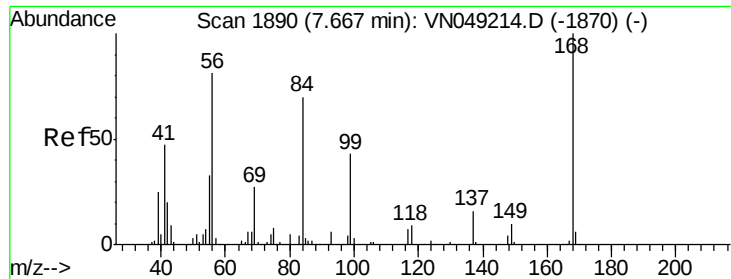
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061418\
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Quant Title : SW846 8260
QLast Update : Thu Jun 14 05:15:23 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049232.D

Acq: 14 Jun 2018 17:07

Instrument :

MSVOA_N

ClientSampled :

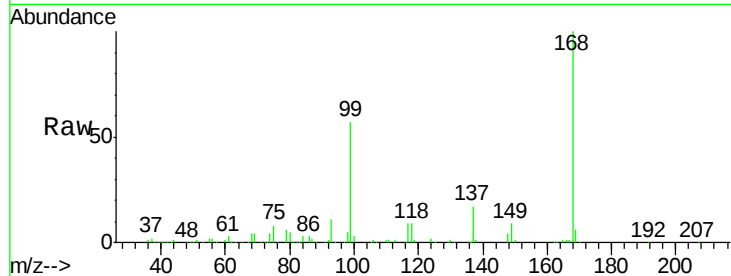
B-18RV

Tot Ion:168 Resp: 597297

Ion Ratio Lower Upper

168 100

99 57.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

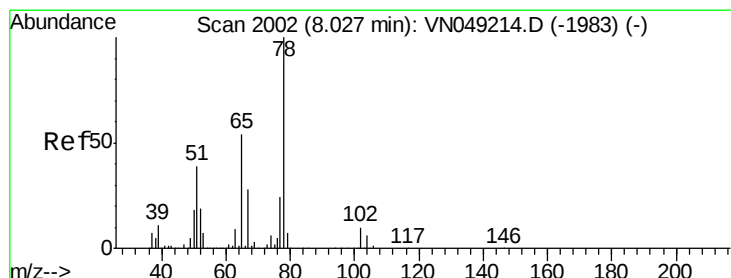
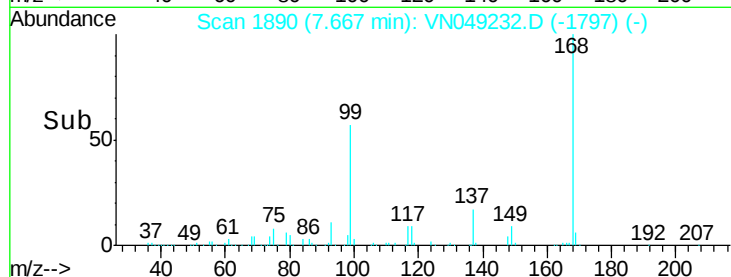
100000

50000

0

7.60 7.65 7.70 7.75 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.169 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049232.D

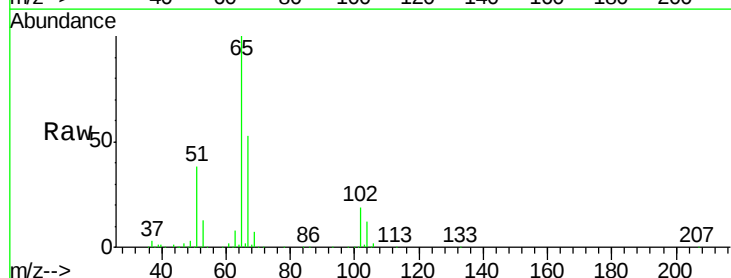
Acq: 14 Jun 2018 17:07

Tgt Ion: 65 Resp: 416340

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

150000

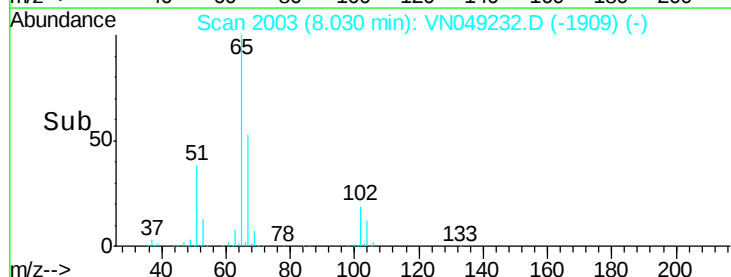
100000

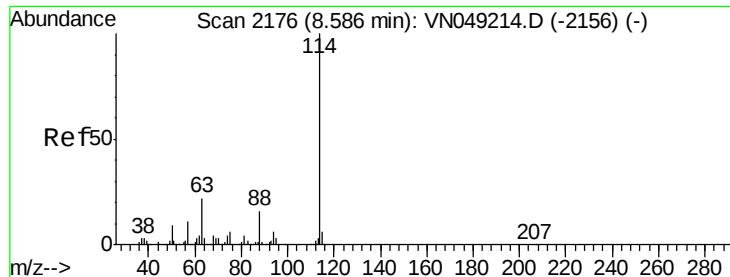
50000

0

7.90 8.00 8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049232.D

Acq: 14 Jun 2018 17:07

Instrument :

MSVOA_N

ClientSampleId :

B-18RV

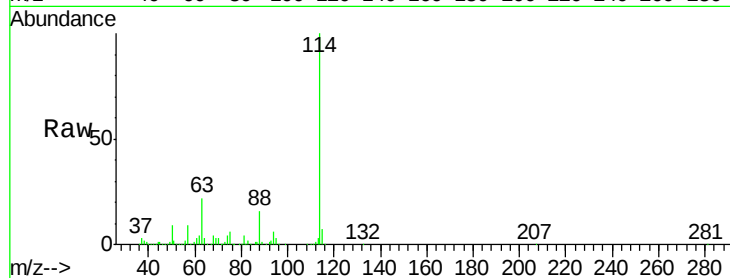
Tot Ion:114 Resp: 1144076

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.4

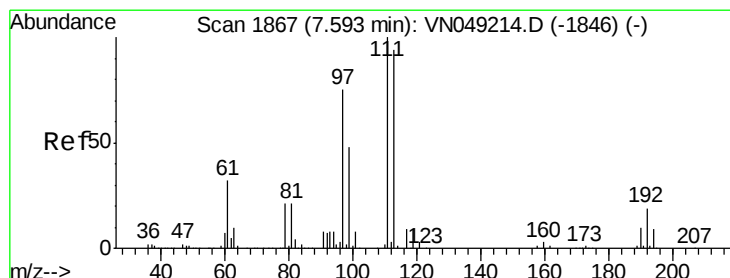
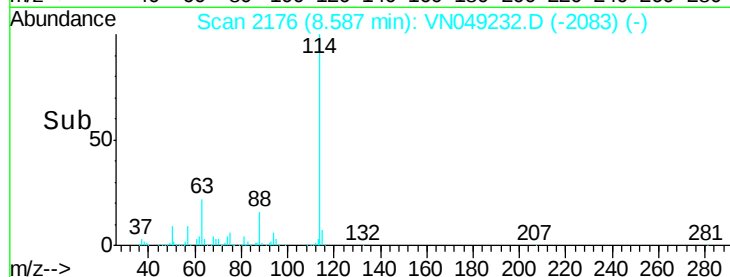
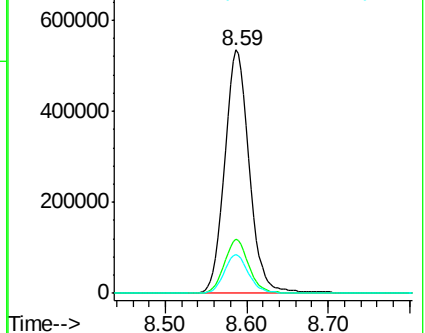
88 15.8 0.0 31.4



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: 38.686 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049232.D

Acq: 14 Jun 2018 17:07

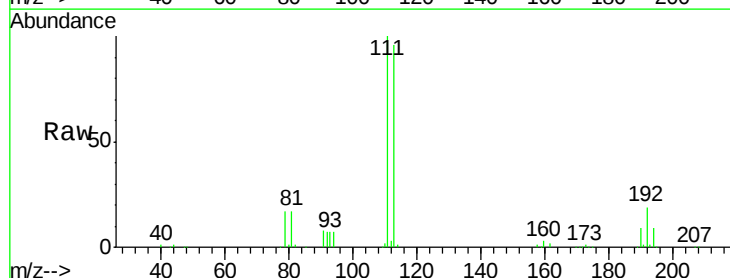
Tgt Ion:113 Resp: 366333

Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

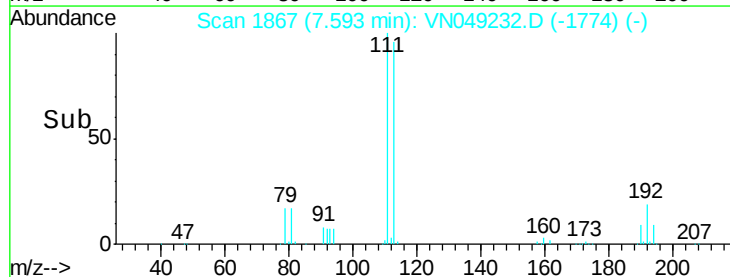
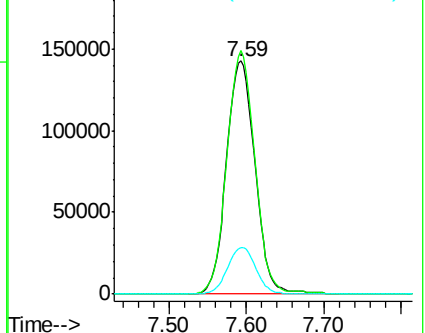
192 19.7 15.0 22.6

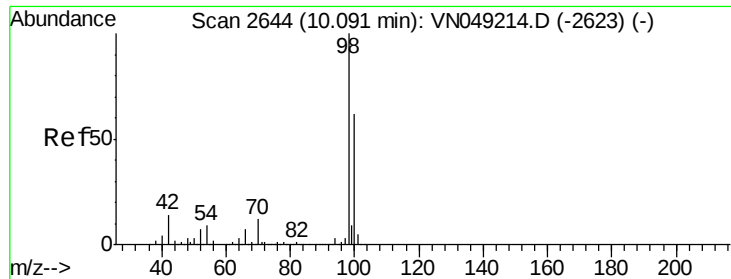


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.866 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049232.D

Acq: 14 Jun 2018 17:07

Instrument :

MSVOA_N

ClientSampleId :

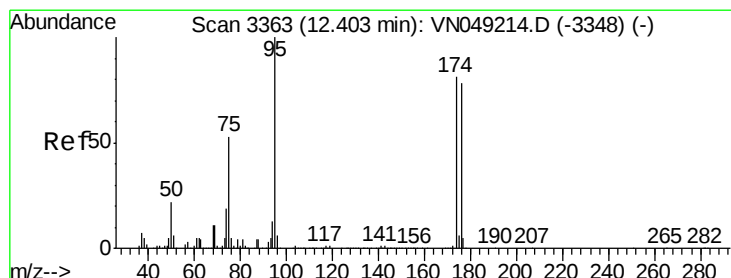
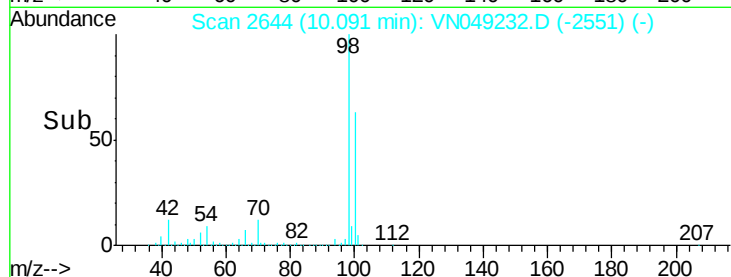
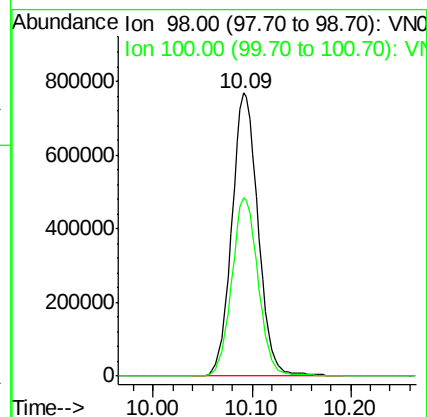
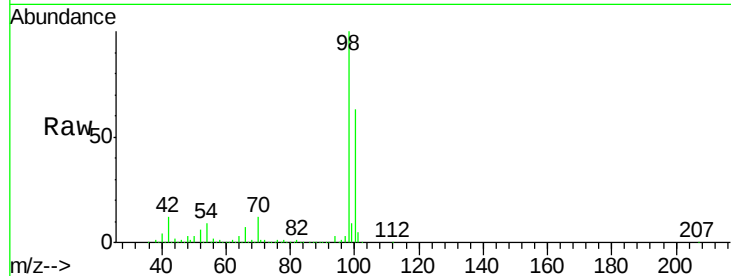
B-18RV

Tot Ion: 98 Resp: 1431723

Ion Ratio Lower Upper

98 100

100 63.3 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 39.043 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049232.D

Acq: 14 Jun 2018 17:07

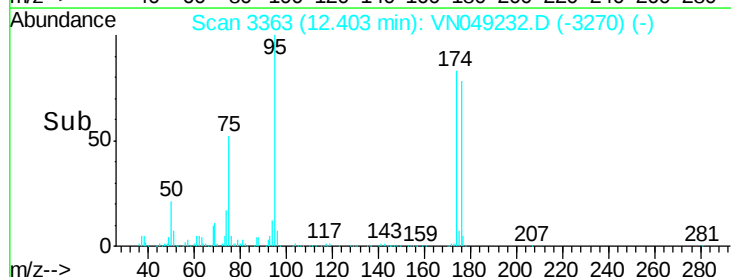
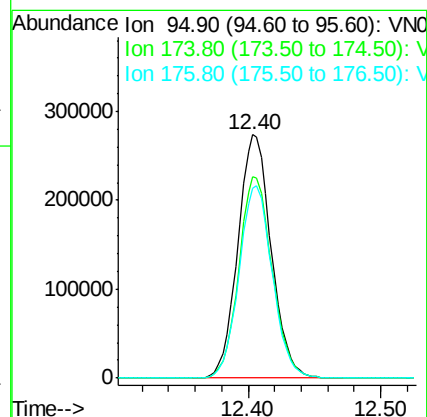
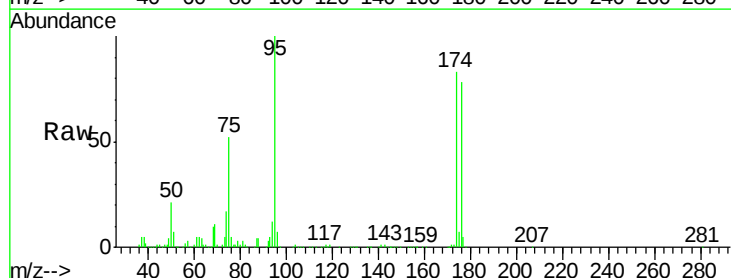
Tgt Ion: 95 Resp: 477329

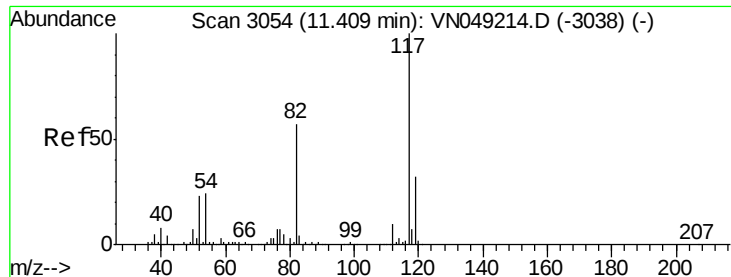
Ion Ratio Lower Upper

95 100

174 82.8 0.0 165.6

176 79.0 0.0 157.4

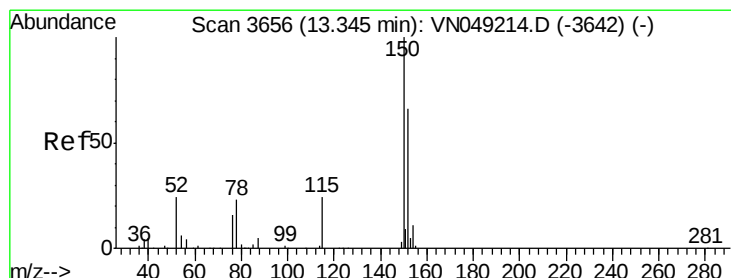
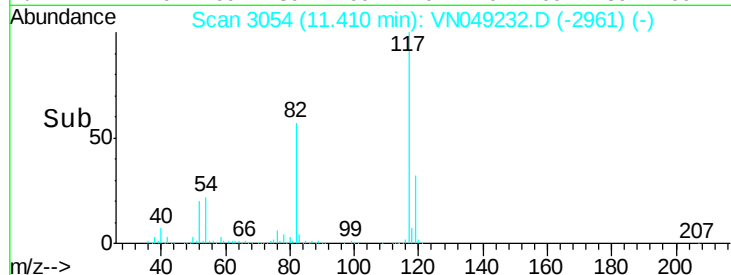
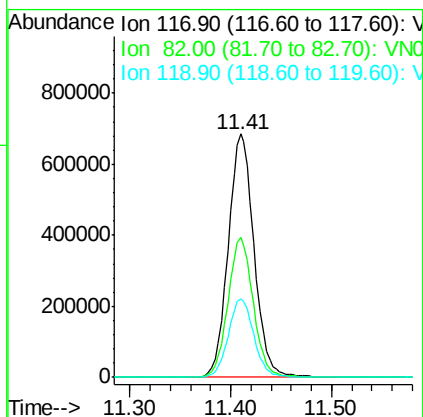
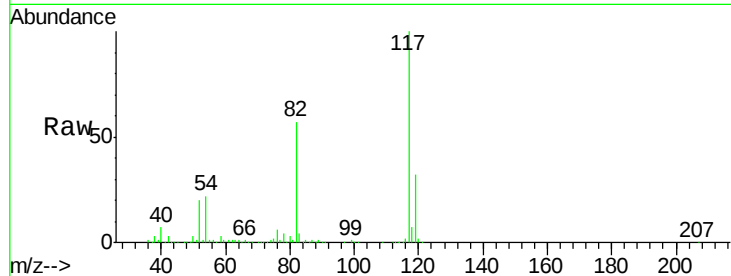




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049232.D
Acq: 14 Jun 2018 17:07

Instrument :
MSVOA_N
ClientSampleId :
B-18RV

Tot Ion:117 Resp: 1218756
Ion Ratio Lower Upper
117 100
82 57.3 45.9 68.9
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049232.D
Acq: 14 Jun 2018 17:07

Tgt Ion:152 Resp: 351907
Ion Ratio Lower Upper
152 100
115 57.4 28.7 86.1
150 156.6 0.0 351.0

