

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\
 Data File : VN049233.D
 Acq On : 14 Jun 2018 17:33
 Operator : MD\SY
 Sample : J3431-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SO-1R

Quant Time: Jun 14 19:28:09 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	382548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	743322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	808596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	333580	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	296237	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
35) Dibromofluoromethane	7.59	113	250341	40.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.38%	
50) Toluene-d8	10.09	98	960807	40.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.28%	
62) 4-Bromofluorobenzene	12.41	95	322114	40.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.10%	

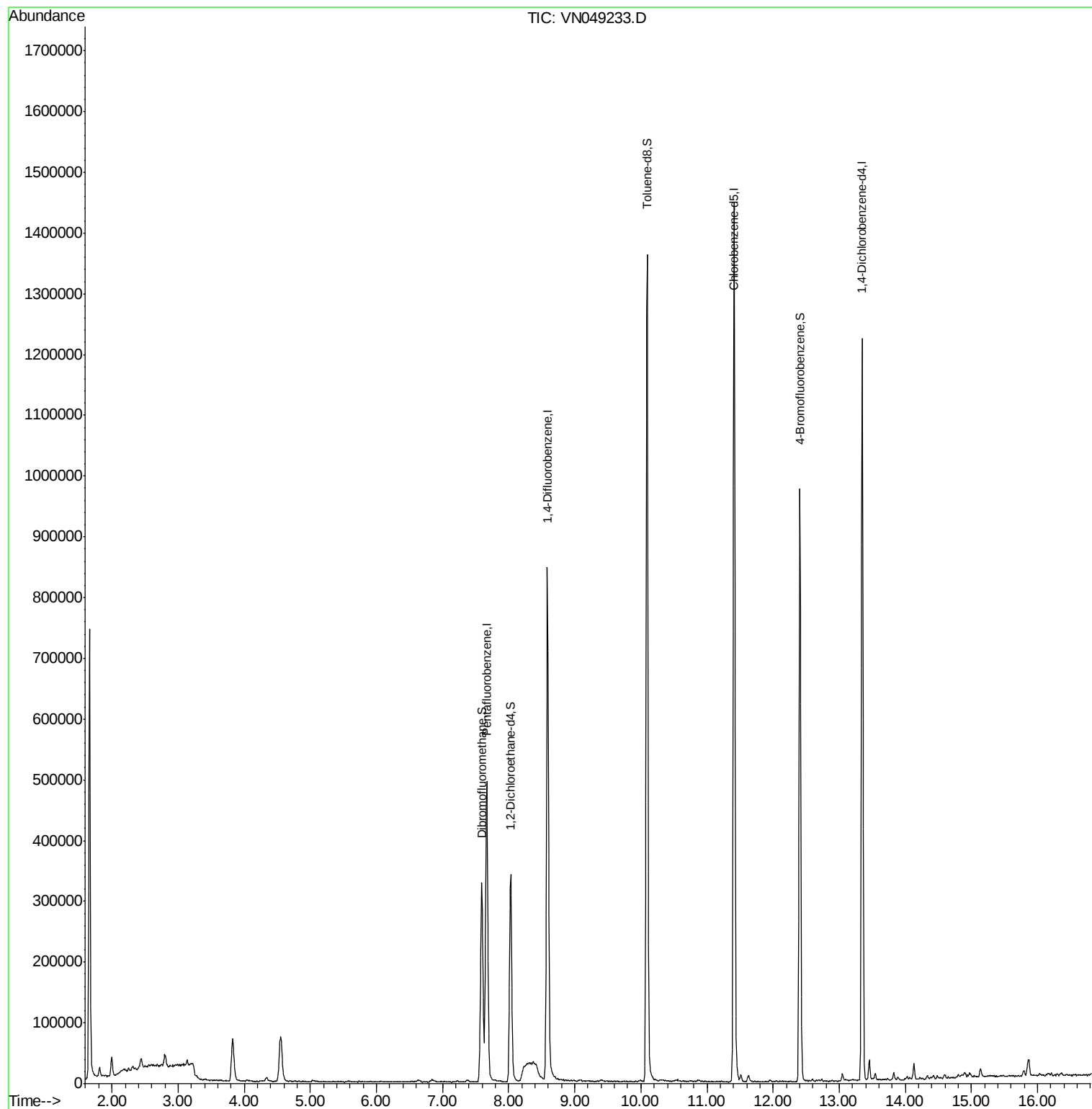
Target Compounds	Qvalue
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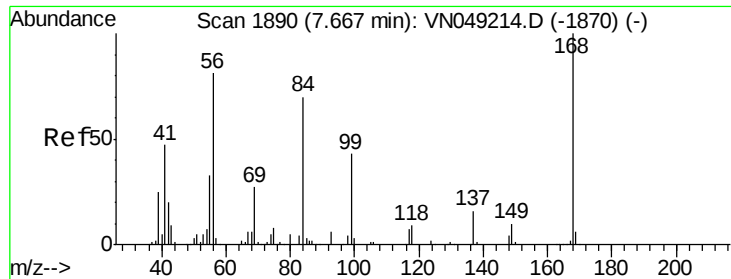
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061418\
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Quant Title : SW846 8260
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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: VN049233.D

Acq: 14 Jun 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

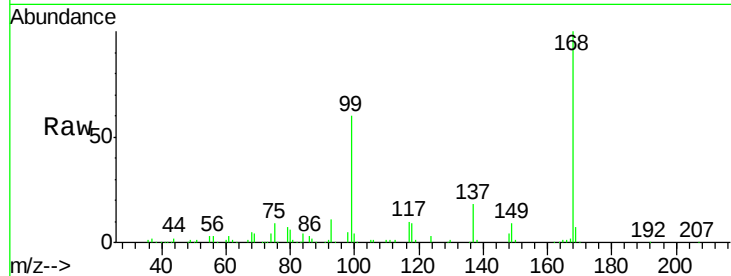
SO-1R

Tot Ion:168 Resp: 382548

Ion Ratio Lower Upper

168 100

99 59.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

150000

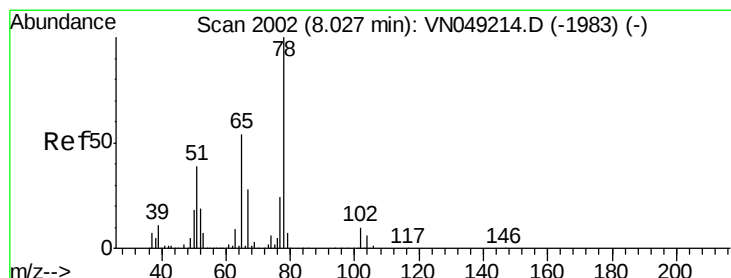
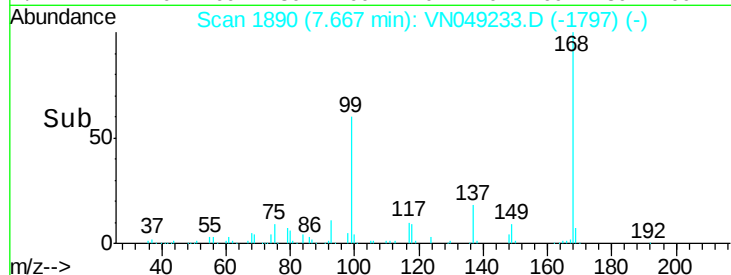
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 47.959 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049233.D

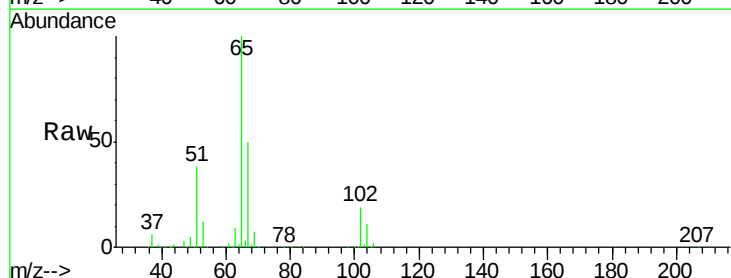
Acq: 14 Jun 2018 17:33

Tgt Ion: 65 Resp: 296237

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

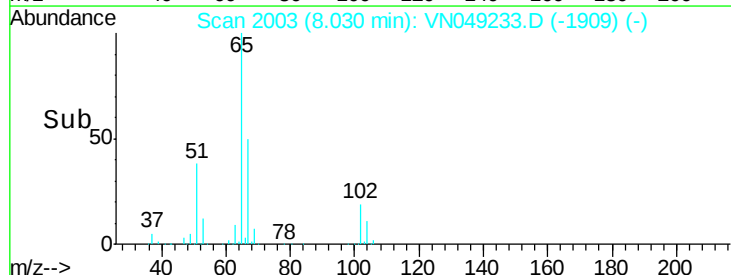
100000

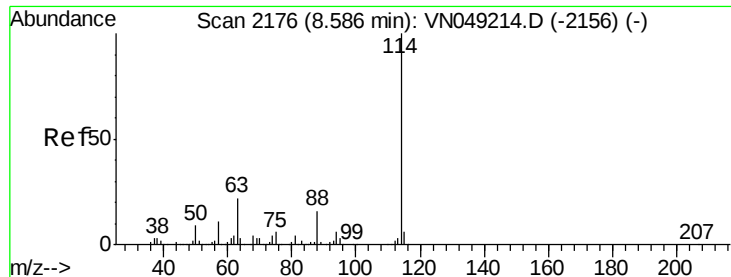
50000

0

Time-->

7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049233.D

Acq: 14 Jun 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

SO-1R

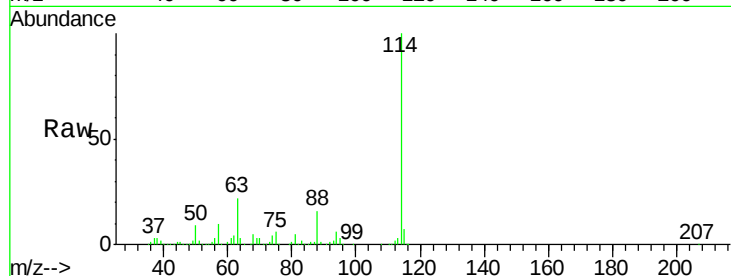
Tot Ion:114 Resp: 743322

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.4

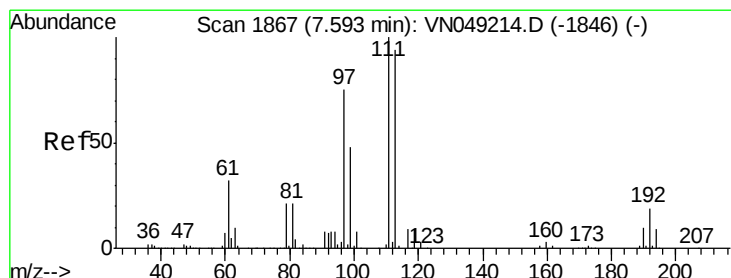
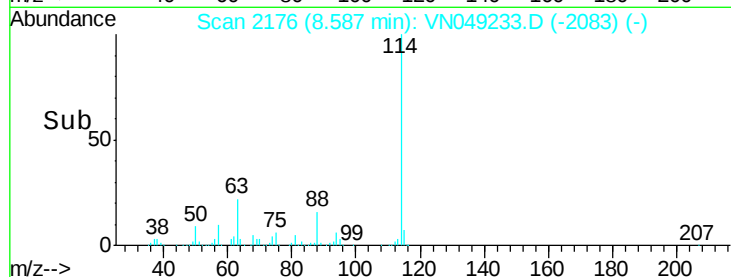
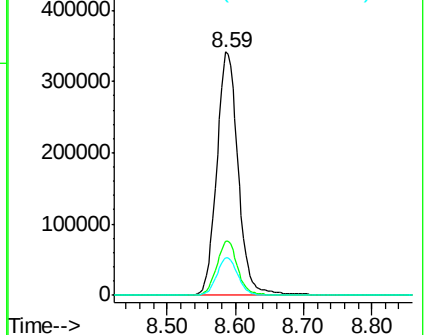
88 15.6 0.0 31.4



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: 40.690 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049233.D

Acq: 14 Jun 2018 17:33

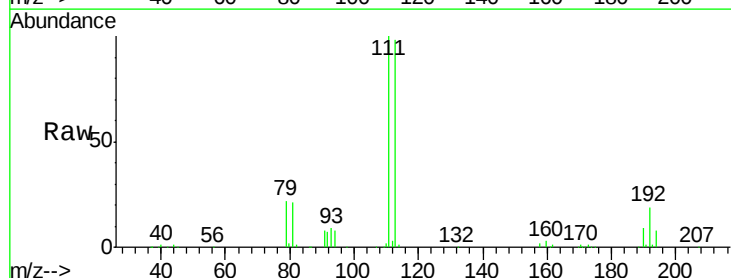
Tgt Ion:113 Resp: 250341

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

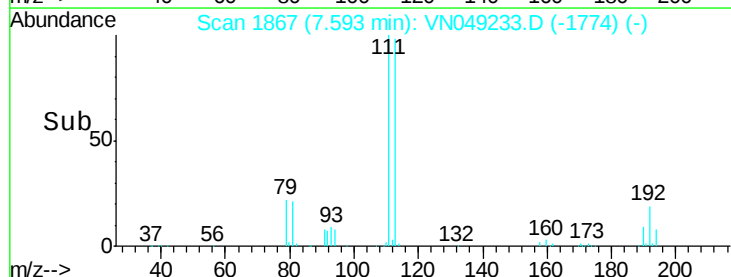
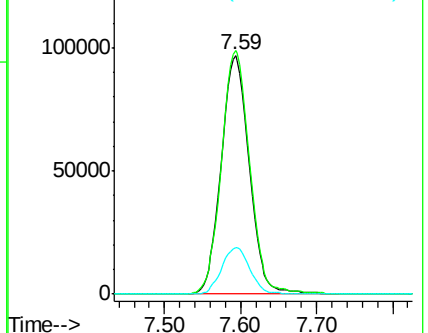
192 19.6 15.0 22.6

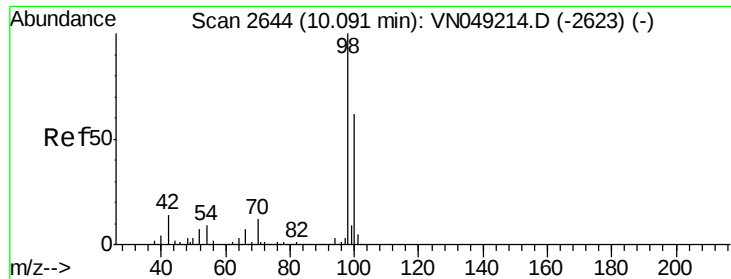


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 40.145 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049233.D

Acq: 14 Jun 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

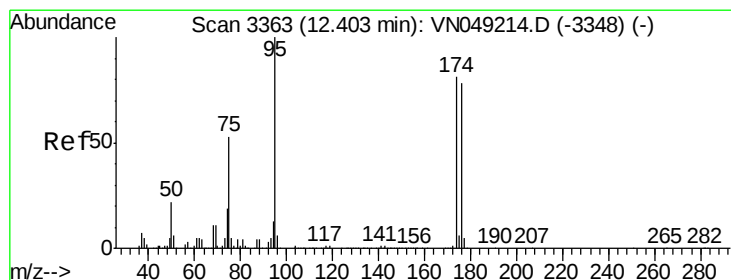
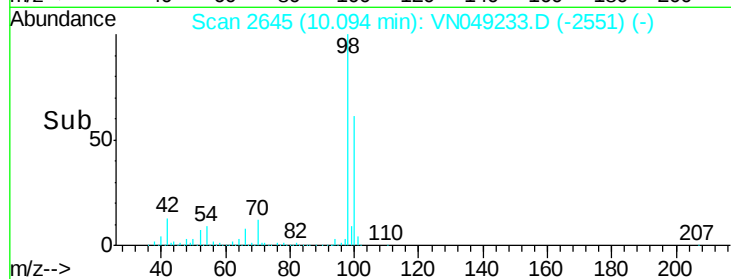
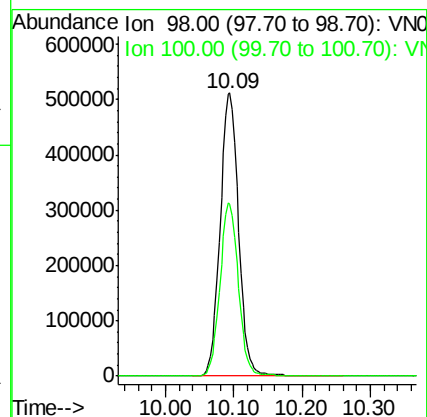
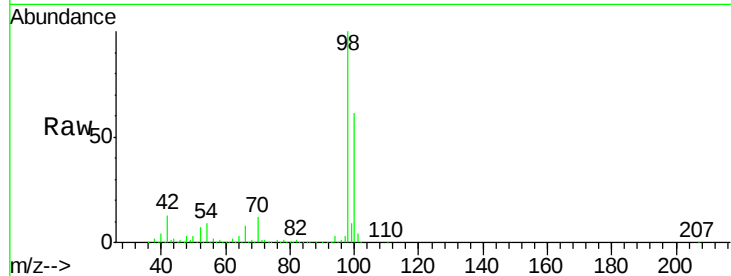
SO-1R

Tot Ion: 98 Resp: 960807

Ion Ratio Lower Upper

98 100

100 61.1 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 40.552 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049233.D

Acq: 14 Jun 2018 17:33

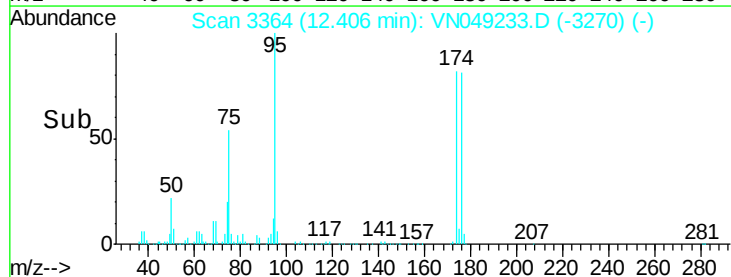
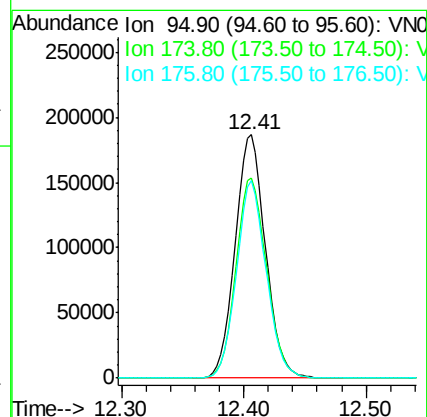
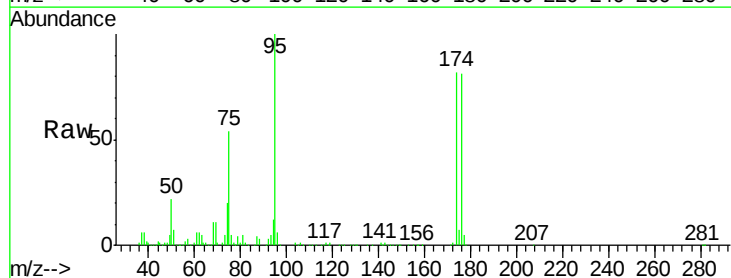
Tgt Ion: 95 Resp: 322114

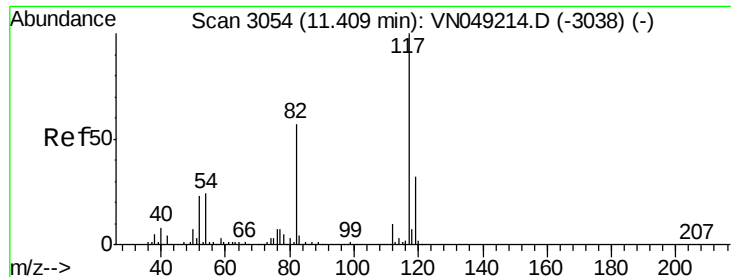
Ion Ratio Lower Upper

95 100

174 83.4 0.0 165.6

176 79.4 0.0 157.4

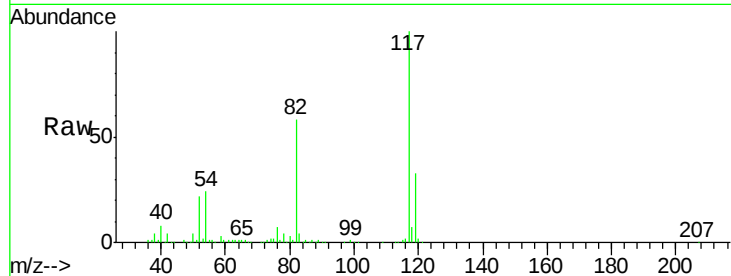




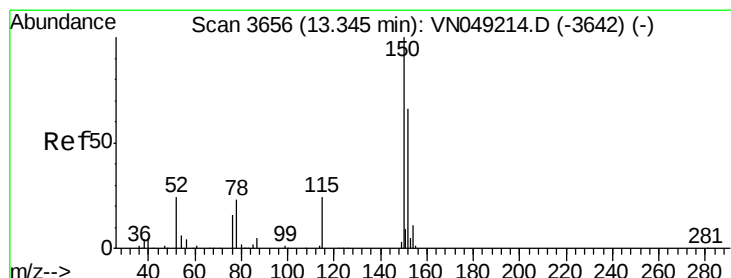
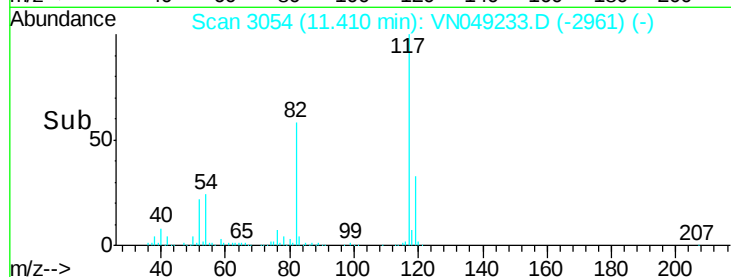
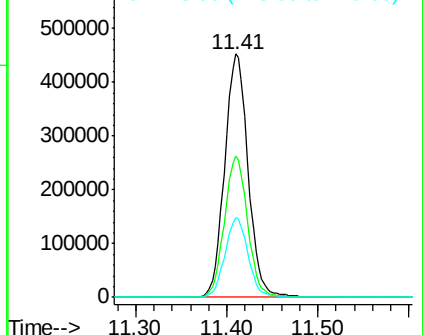
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049233.D
Acq: 14 Jun 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
SO-1R

Tot Ion:117 Resp: 808596
Ion Ratio Lower Upper
117 100
82 58.2 45.9 68.9
119 32.8 25.5 38.3

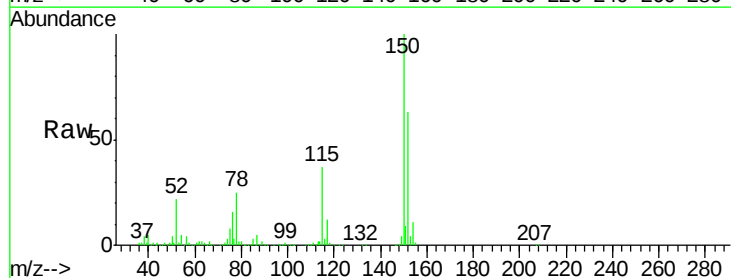


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049233.D
Acq: 14 Jun 2018 17:33

Tgt Ion:152 Resp: 333580
Ion Ratio Lower Upper
152 100
115 59.5 28.7 86.1
150 158.8 0.0 351.0



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

