

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\
 Data File : VN049239.D
 Acq On : 14 Jun 2018 20:08
 Operator : MD\SY
 Sample : J3447-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 W-20

Quant Time: Jun 25 17:27:23 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

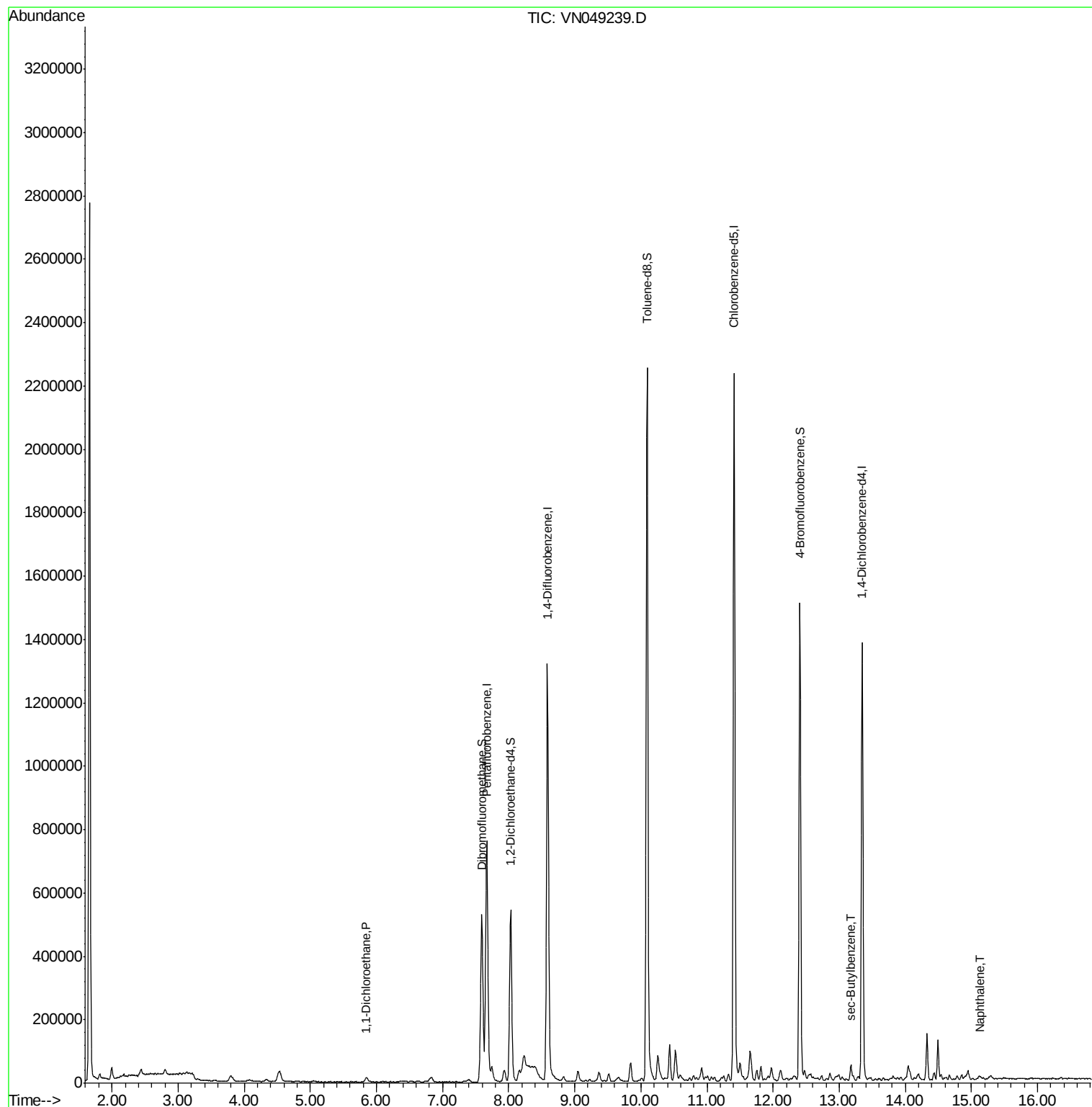
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	622819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1201066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1304174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	384672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	464629	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
35) Dibromofluoromethane	7.59	113	402120	40.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.90%	
50) Toluene-d8	10.09	98	1567065	40.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.04%	
62) 4-Bromofluorobenzene	12.41	95	535530	41.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.44%	
Target Compounds						
24) 1,1-Dichloroethane	5.85	63	21501	1.24	ug/l	98
85) sec-Butylbenzene	13.17	105	29186	0.90	ug/l	96
95) Naphthalene	15.14	128	6779	5.87	ug/l #	88

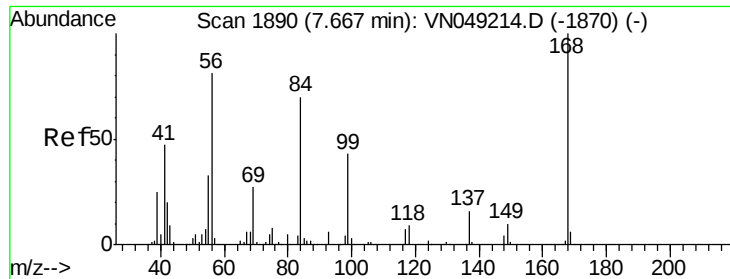
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049239.D

Acq: 14 Jun 2018 20:08

Instrument :

MSVOA_N

ClientSampled :

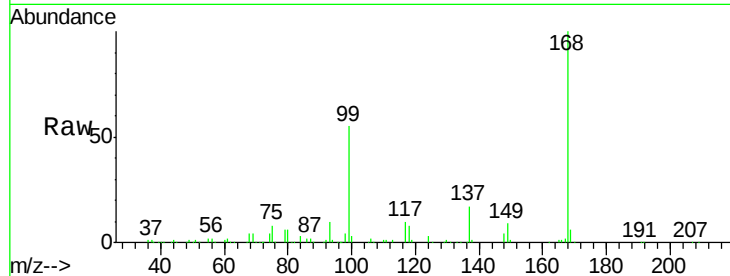
W-20

Tot Ion:168 Resp: 622819

Ion Ratio Lower Upper

168 100

99 54.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

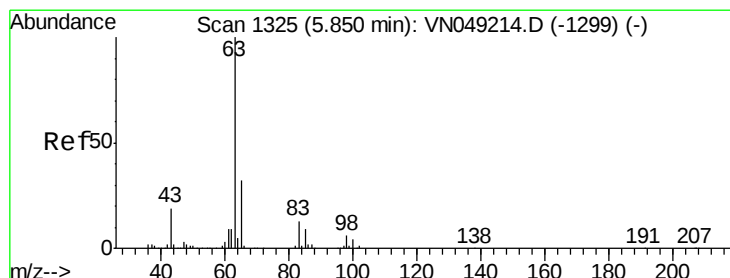
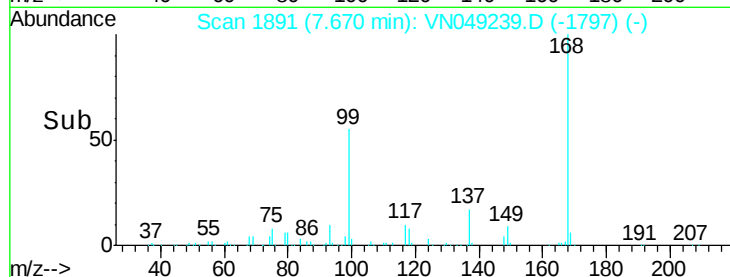
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#24

1,1-Dichloroethane

Concen: 1.24 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049239.D

Acq: 14 Jun 2018 20:08

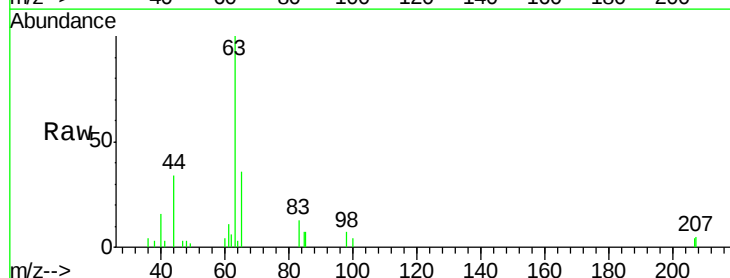
Tgt Ion: 63 Resp: 21501

Ion Ratio Lower Upper

63 100

98 7.0 2.9 8.8

100 4.4 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 97.90 (97.60 to 98.60): VN

Ion 99.90 (99.60 to 100.60): VN

8000

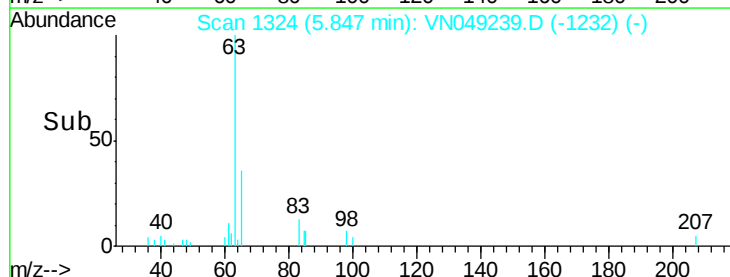
6000

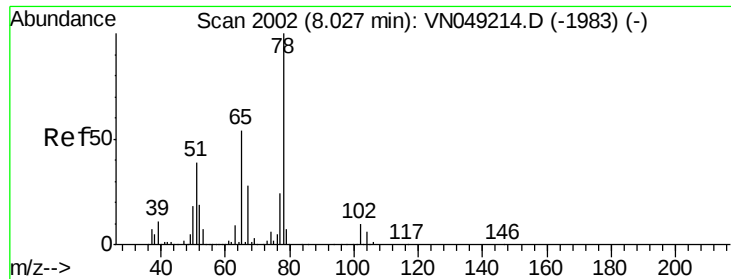
4000

2000

0

Time--> 5.80 5.90

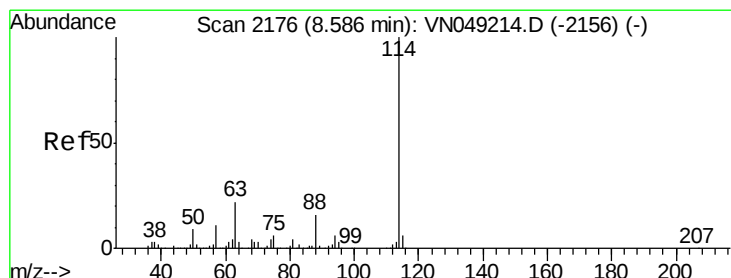
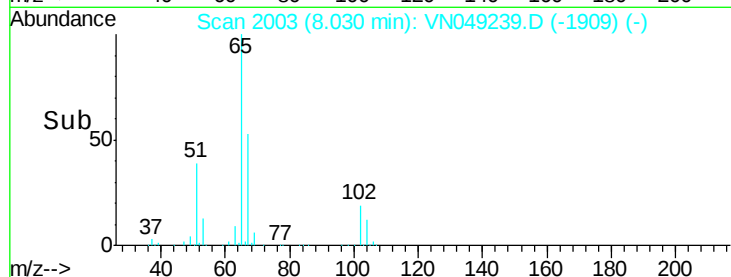
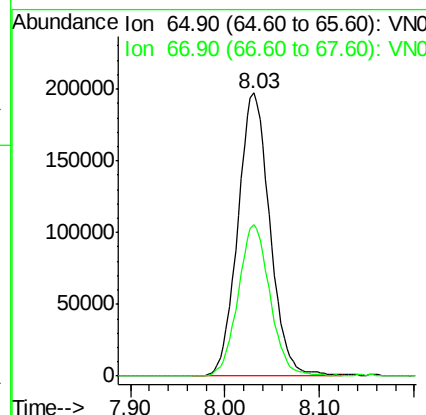
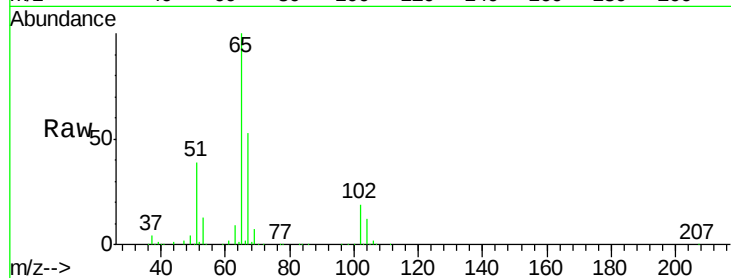




#33
 1,2-Dichloroethane-d4
 Concen: 46.20 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049239.D
 Acq: 14 Jun 2018 20:08

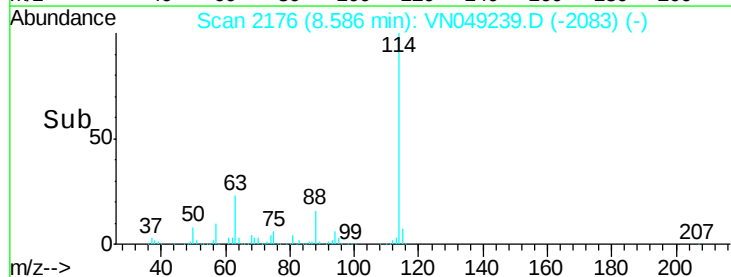
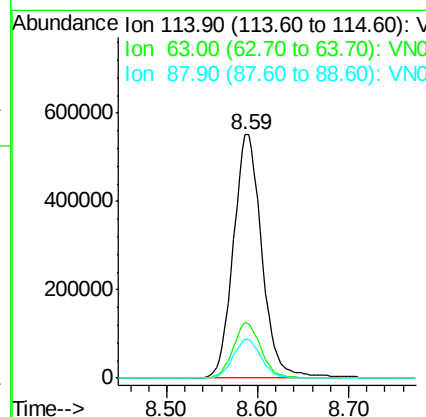
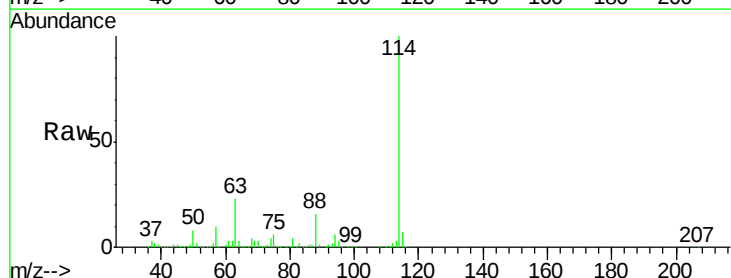
Instrument :
 MSVOA_N
 ClientSampled :
 W-20

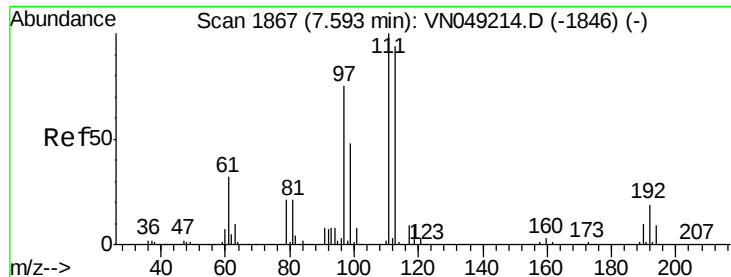
Tot Ion: 65 Resp: 464629
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049239.D
 Acq: 14 Jun 2018 20:08

Tgt Ion: 114 Resp: 1201066
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.4
 88 16.0 0.0 31.4

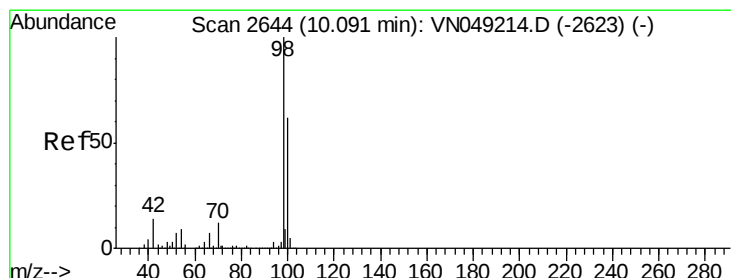
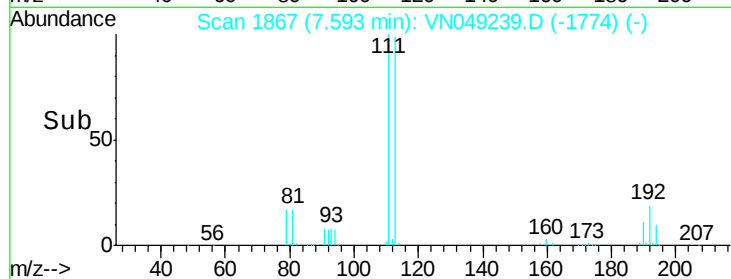
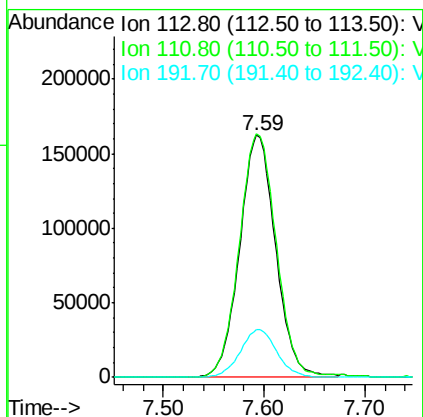
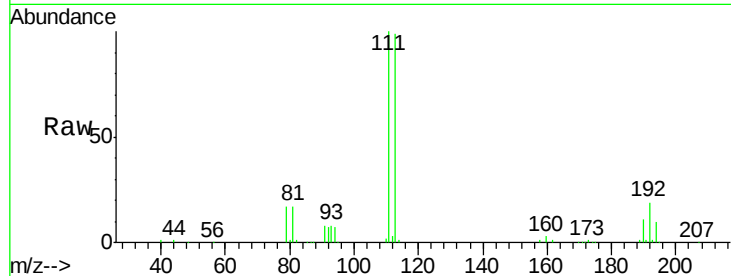




#35
 Dibromofluoromethane
 Concen: 40.45 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049239.D
 Acq: 14 Jun 2018 20:08

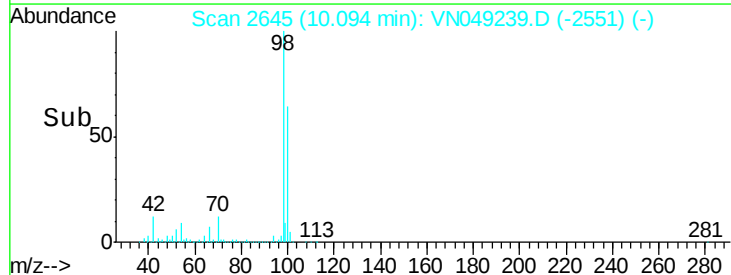
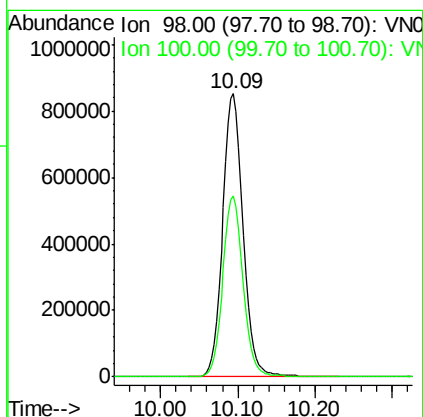
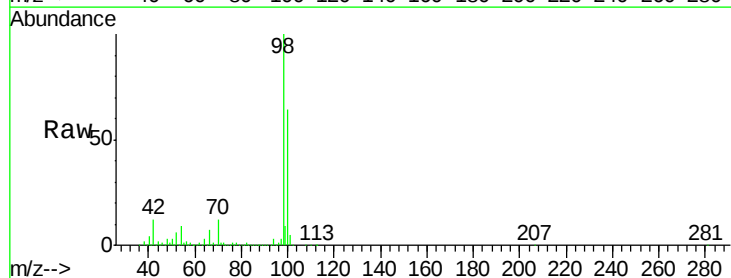
Instrument :
 MSVOA_N
 ClientSampled :
 W-20

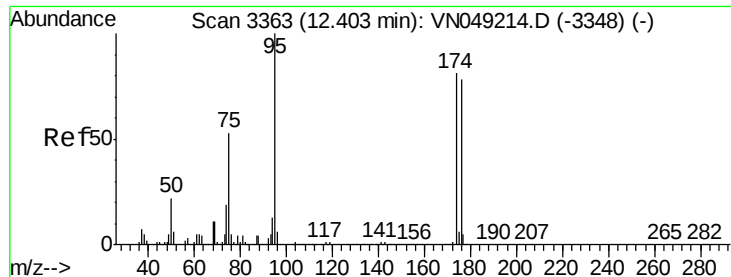
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	19.9	15.0	22.6



#50
 Toluene-d8
 Concen: 40.52 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049239.D
 Acq: 14 Jun 2018 20:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	49.8	74.8





#62

4-Bromofluorobenzene

Concen: 41.72 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049239.D

Acq: 14 Jun 2018 20:08

Instrument :

MSVOA_N

ClientSampleId :

W-20

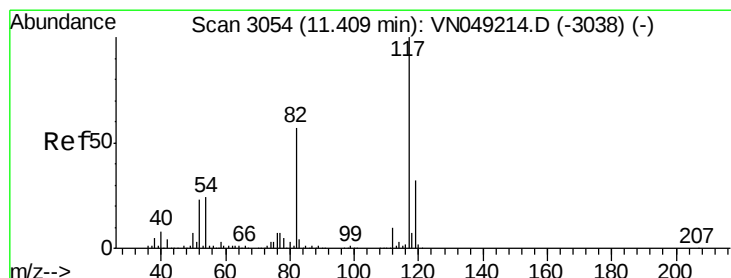
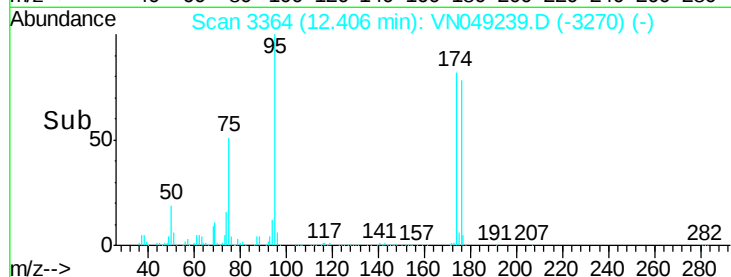
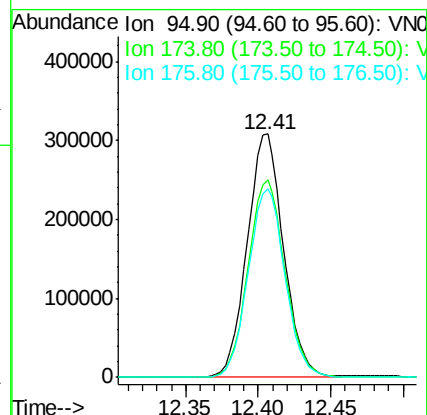
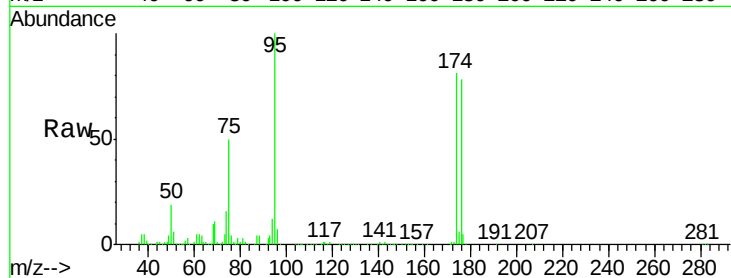
Tot Ion: 95 Resp: 535530

Ion Ratio Lower Upper

95 100

174 82.7 0.0 165.6

176 78.6 0.0 157.4



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049239.D

Acq: 14 Jun 2018 20:08

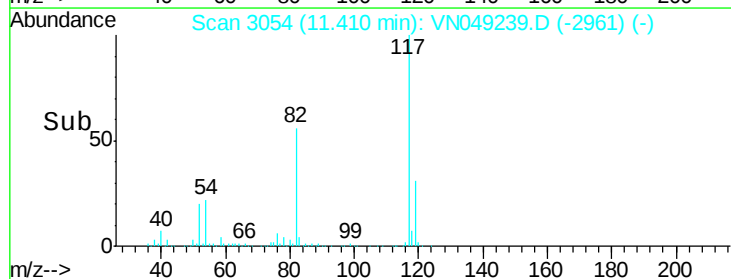
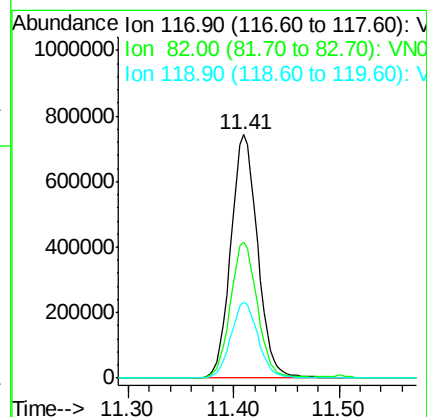
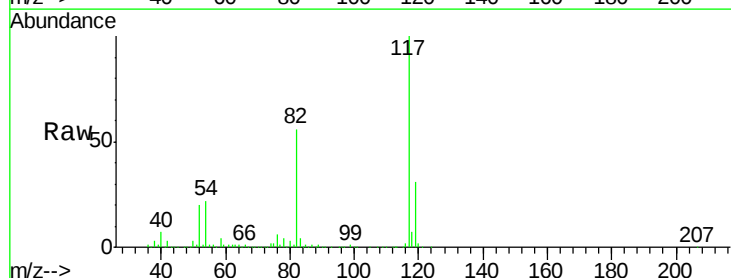
Tgt Ion: 117 Resp: 1304174

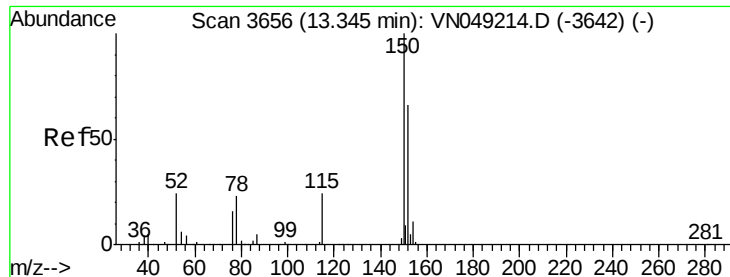
Ion Ratio Lower Upper

117 100

82 55.8 45.9 68.9

119 31.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049239.D

Acq: 14 Jun 2018 20:08

Instrument :

MSVOA_N

ClientSampled :

W-20

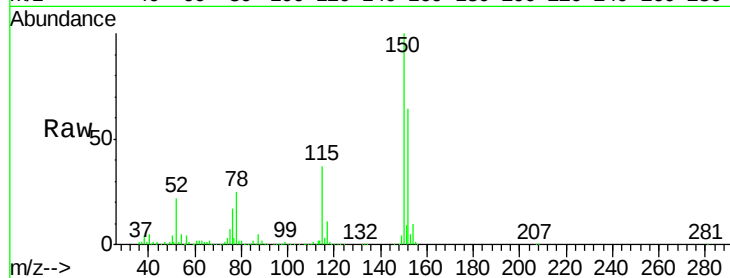
Tot Ion:152 Resp: 384672

Ion Ratio Lower Upper

152 100

115 58.2 28.7 86.1

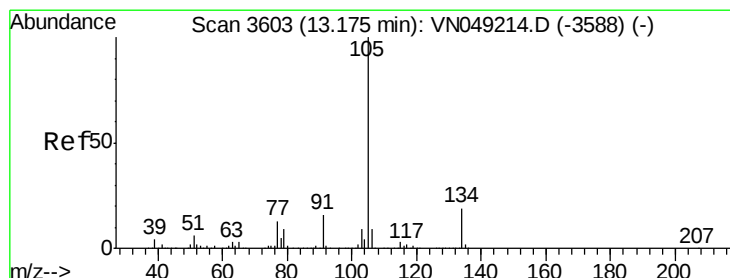
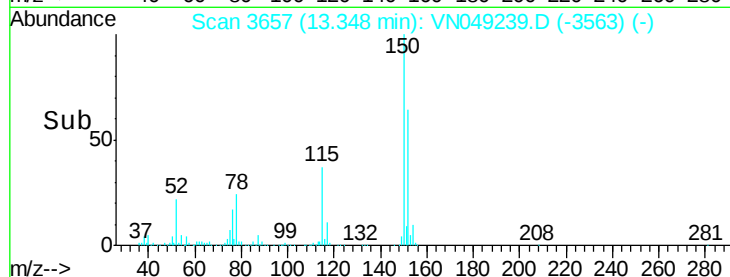
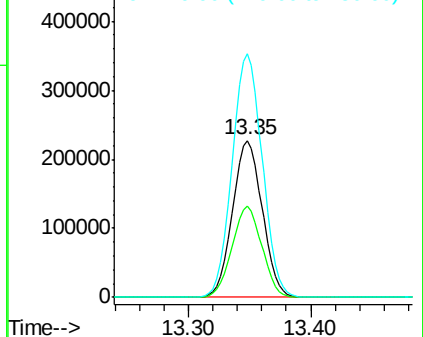
150 157.2 0.0 351.0



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



#85

sec-Butylbenzene

Concen: 0.90 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049239.D

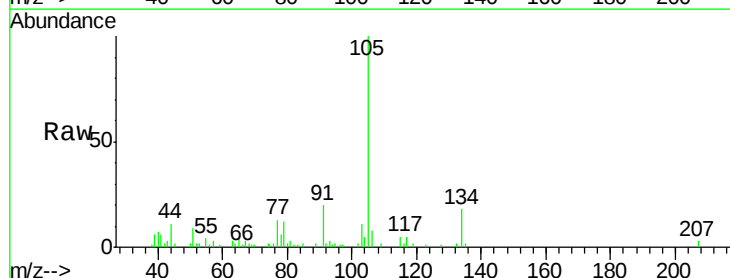
Acq: 14 Jun 2018 20:08

Tgt Ion:105 Resp: 29186

Ion Ratio Lower Upper

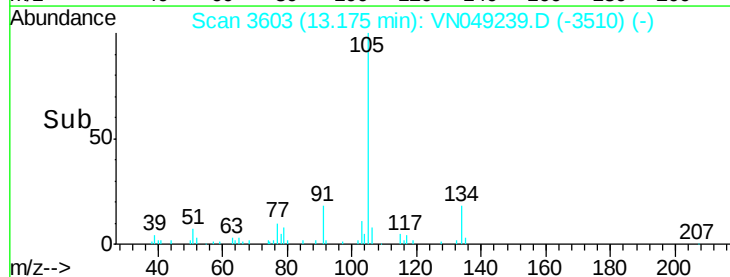
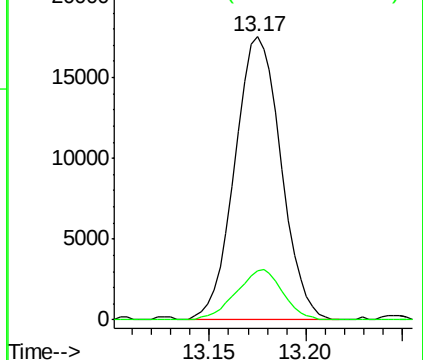
105 100

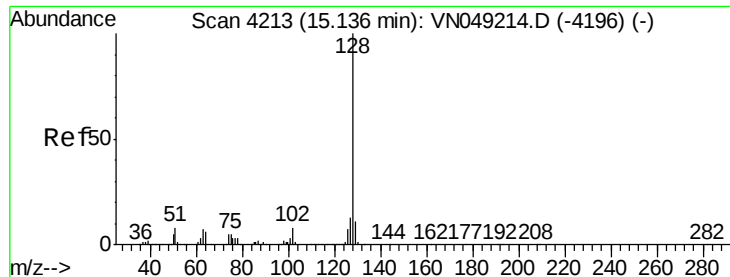
134 17.8 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#95
Naphthalene
Concen: 5.87 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
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Instrument :
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Tot Ion:128 Resp: 6779
Ion Ratio Lower Upper
128 100
127 11.1 10.6 16.0
129 2.9 8.5 12.7#

