

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055018.D
 Acq On : 12 Apr 2019 23:45
 Operator : JC/SP
 Sample : K2358-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Apr 15 01:22:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

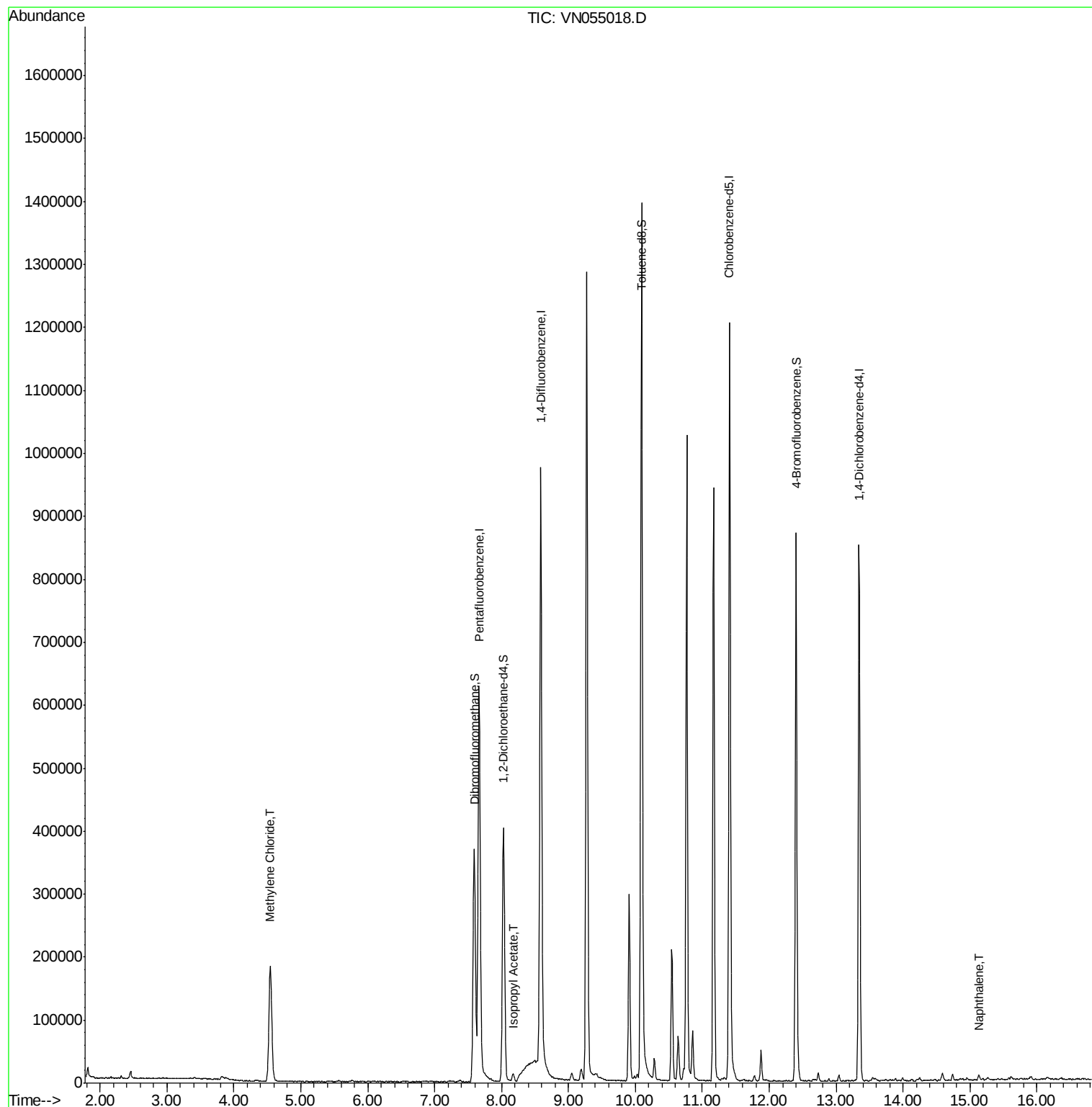
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	535526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	858456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	711193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	235454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	348438	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	7.59	113	275026	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	10.09	98	1018007	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	294572	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.02%	
Target Compounds						
20) Methylene Chloride	4.55	84	127239	20.335	ug/l	98
43) Isopropyl Acetate	8.18	43	14651	1.439	ug/l	98
95) Naphthalene	15.14	128	6223	5.302	ug/l #	96

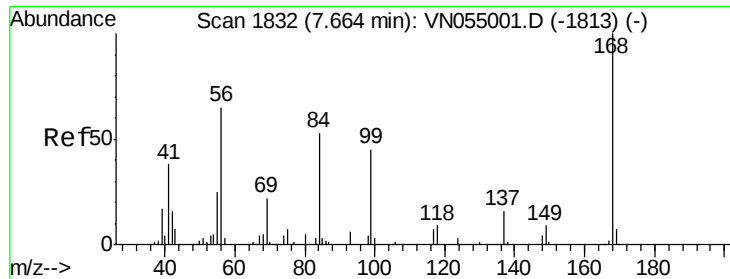
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041319\
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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: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

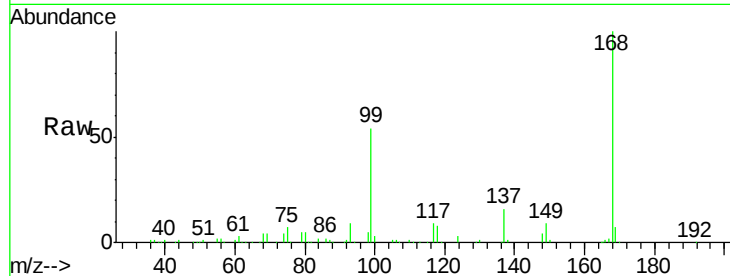
TP-9

Tot Ion:168 Resp: 53526

Ion Ratio Lower Upper

168 100

99 53.7 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

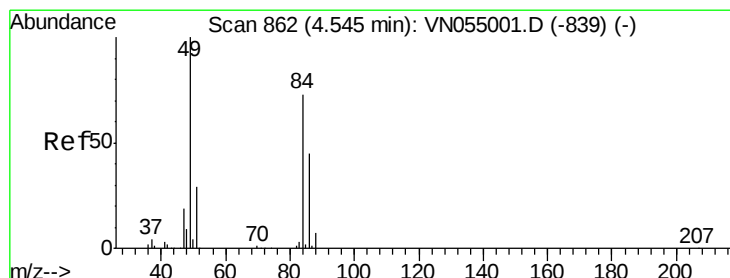
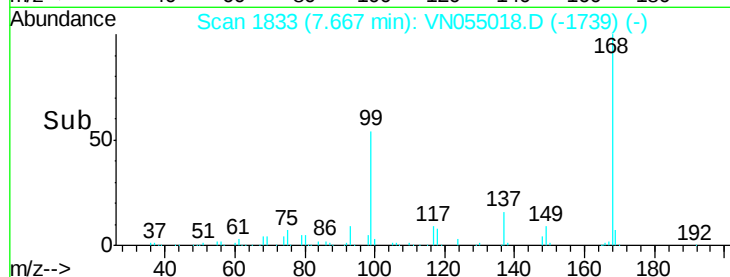
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 20.335 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Tgt Ion: 84 Resp: 127239

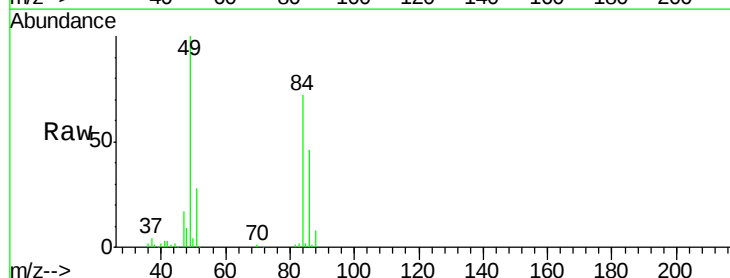
Ion Ratio Lower Upper

84 100

49 138.7 109.4 164.2

51 39.7 32.2 48.4

86 63.6 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

80000

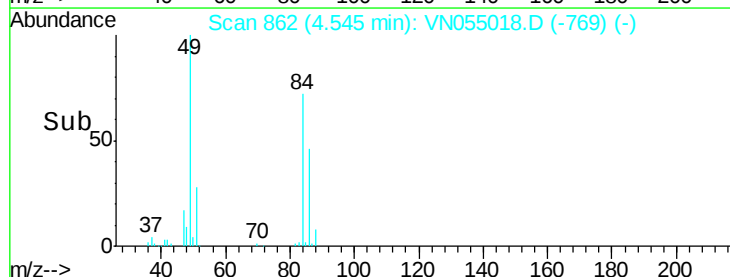
60000

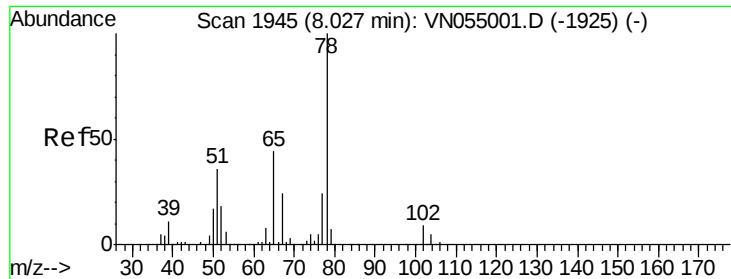
40000

20000

0

Time-->

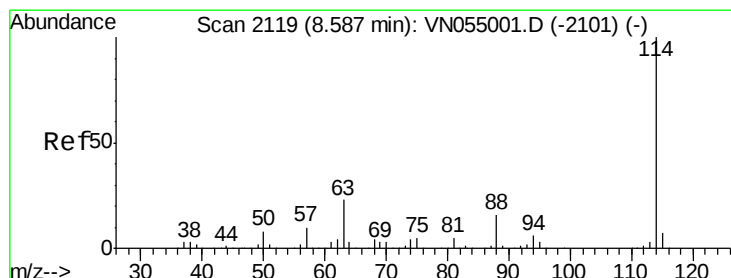
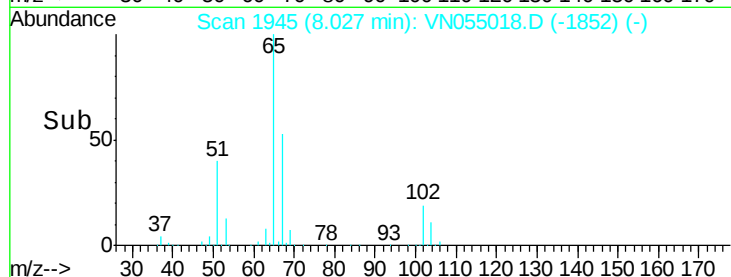
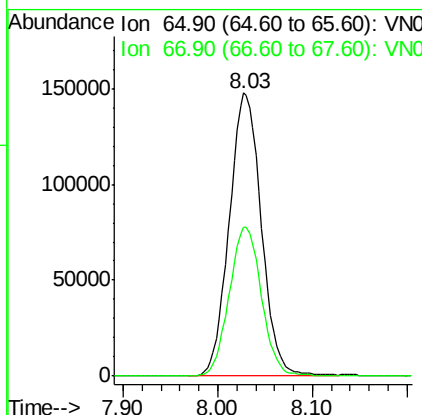
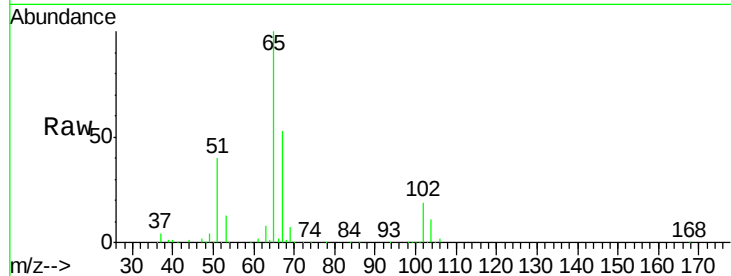




#33
 1,2-Dichloroethane-d4
 Concen: 51.847 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055018.D
 Acq: 12 Apr 2019 23:45

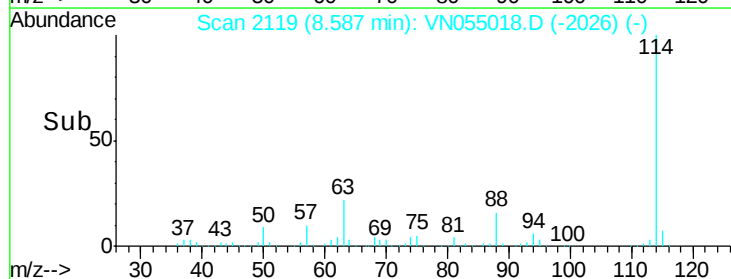
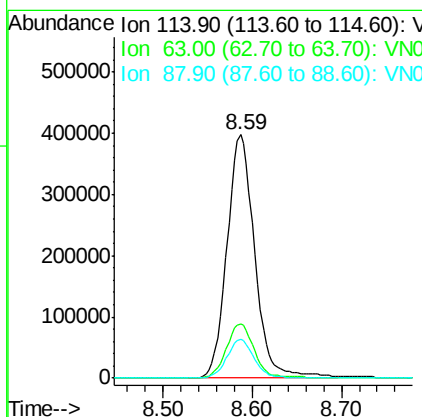
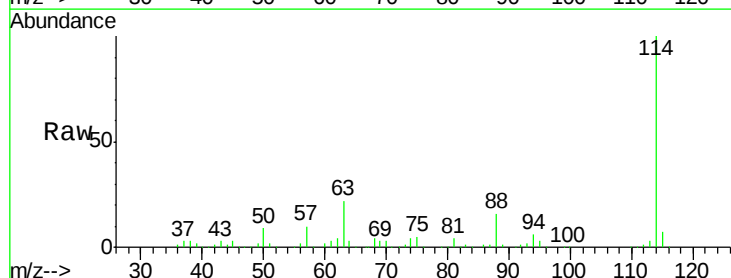
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

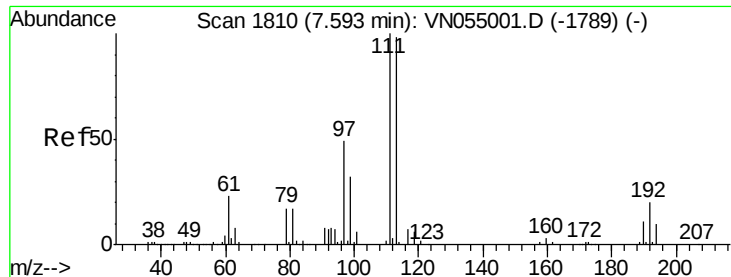
Tot Ion: 65 Resp: 348438
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055018.D
 Acq: 12 Apr 2019 23:45

Tgt Ion: 114 Resp: 858456
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.2
 88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.257 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :
MSVOA_N
ClientSampled :
TP-9

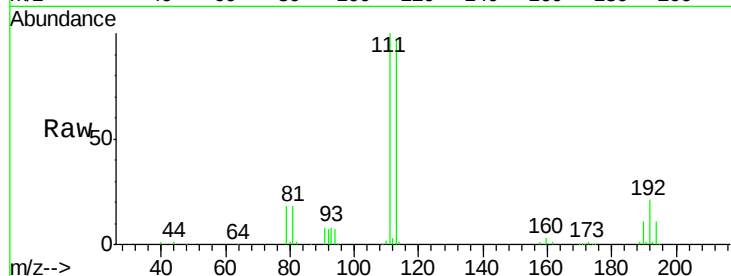
Tot Ion:113 Resp: 275026

Ion Ratio Lower Upper

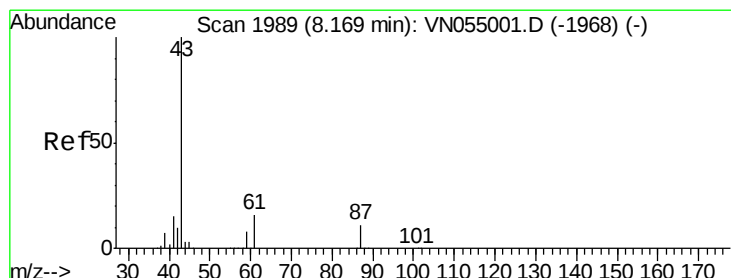
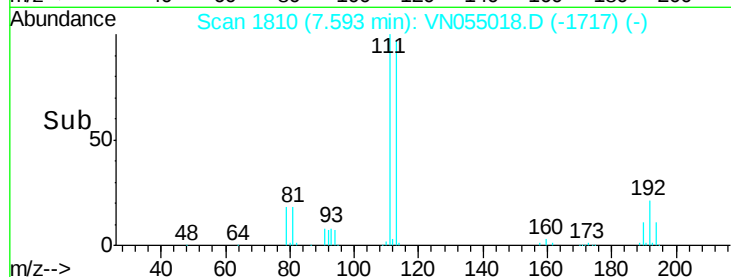
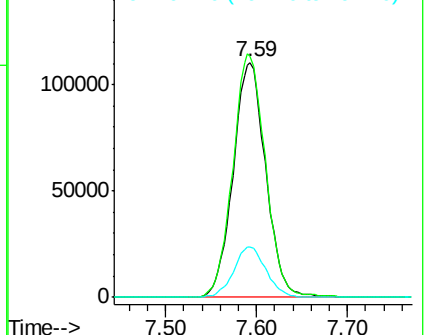
113 100

111 103.7 82.1 123.1

192 21.3 16.5 24.7



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



#43

Isopropyl Acetate

Concen: 1.439 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

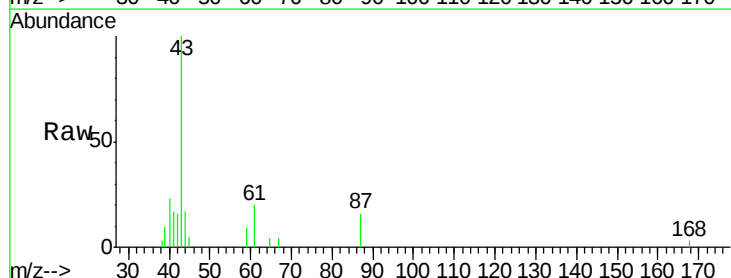
Tgt Ion: 43 Resp: 14651

Ion Ratio Lower Upper

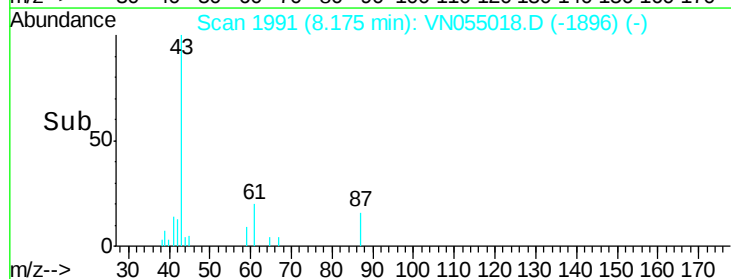
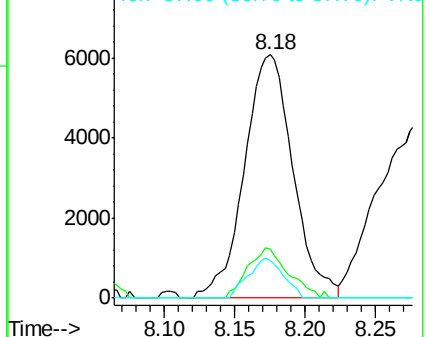
43 100

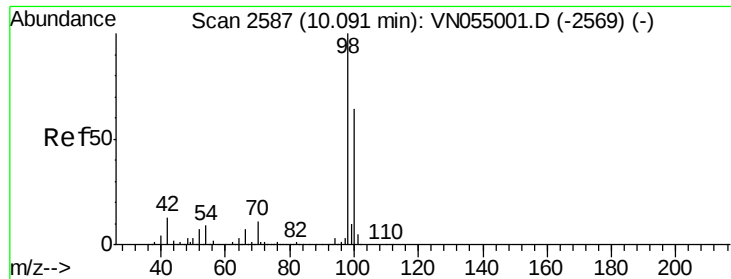
61 17.1 14.3 21.5

87 11.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.648 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

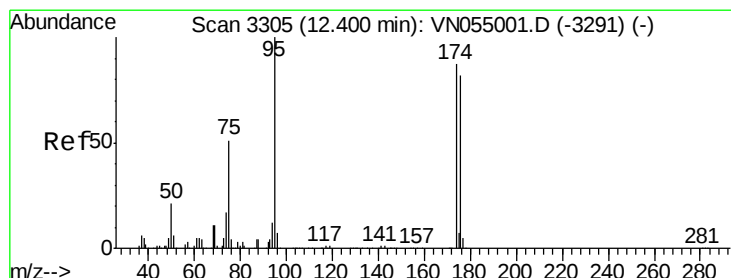
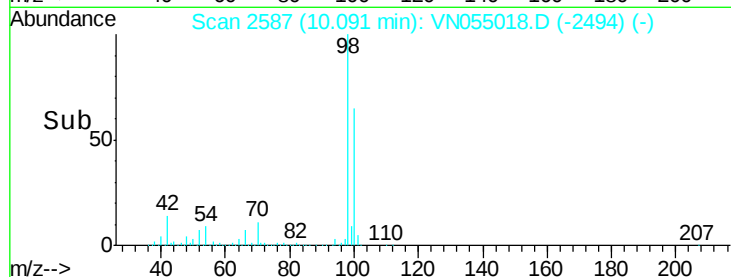
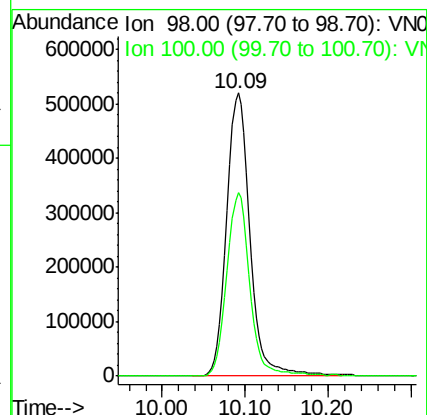
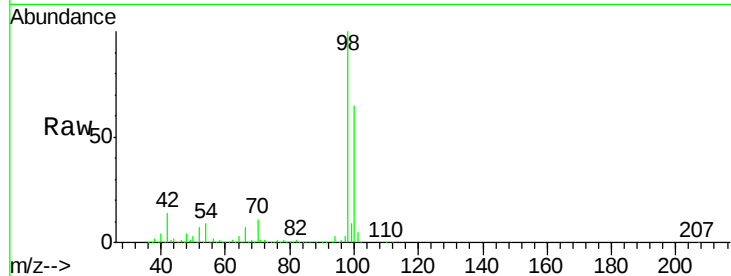
TP-9

Tot Ion: 98 Resp: 1018007

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.509 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

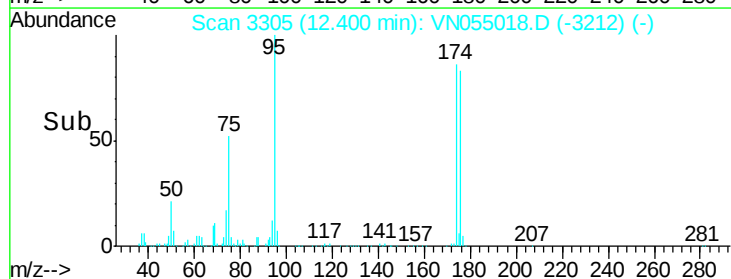
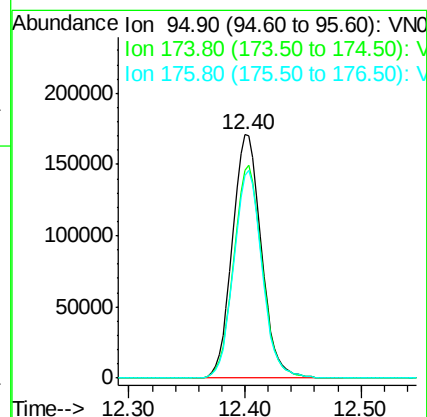
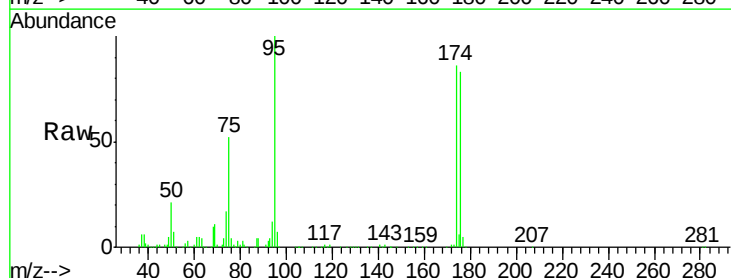
Tgt Ion: 95 Resp: 294572

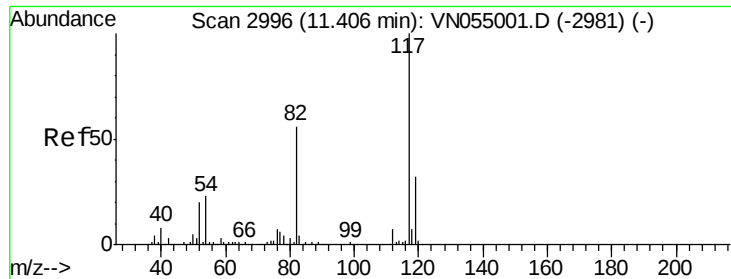
Ion Ratio Lower Upper

95 100

174 85.9 0.0 174.4

176 83.2 0.0 166.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

TP-9

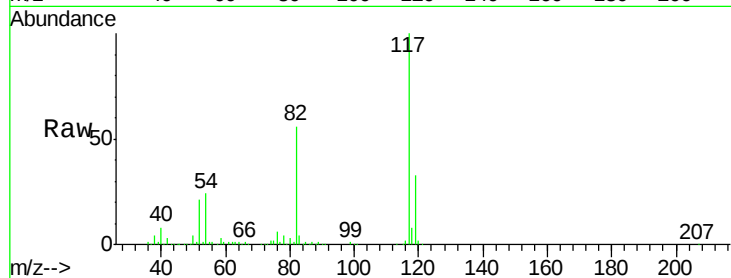
Tot Ion:117 Resp: 711193

Ion Ratio Lower Upper

117 100

82 55.8 44.6 66.8

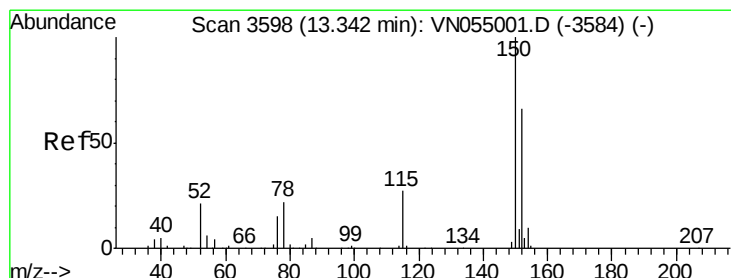
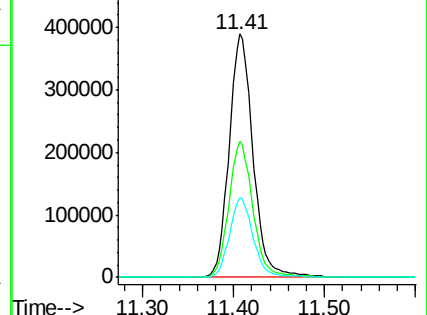
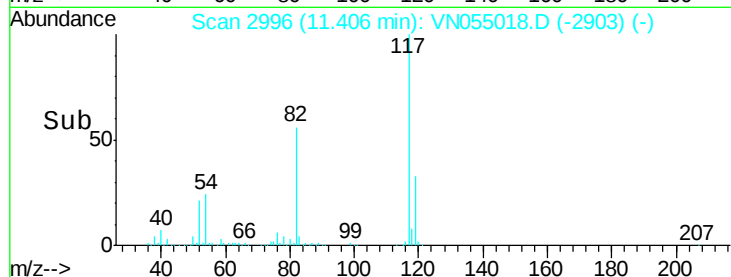
119 32.7 25.5 38.3



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

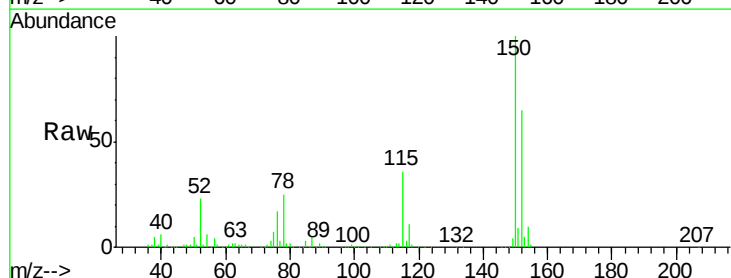
Tgt Ion:152 Resp: 235454

Ion Ratio Lower Upper

152 100

115 57.1 28.5 85.6

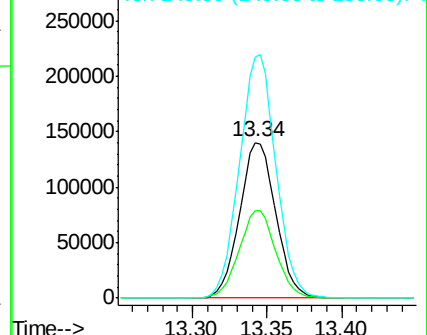
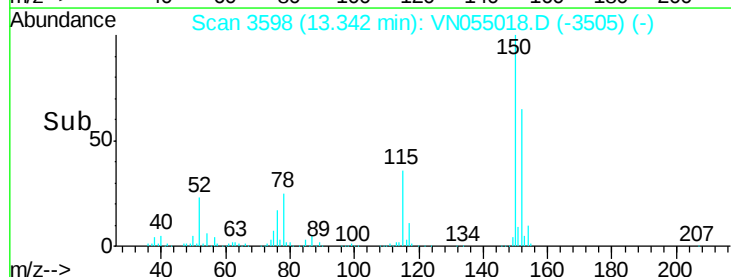
150 157.8 0.0 347.2

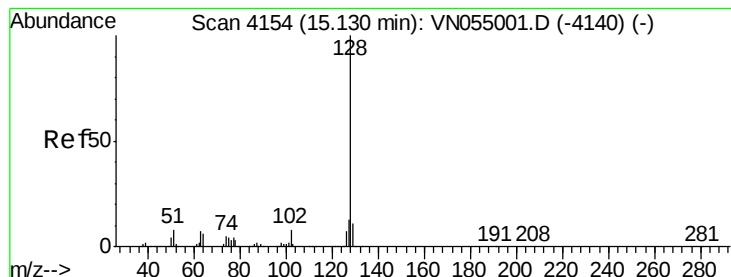


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 5.302 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

TP-9

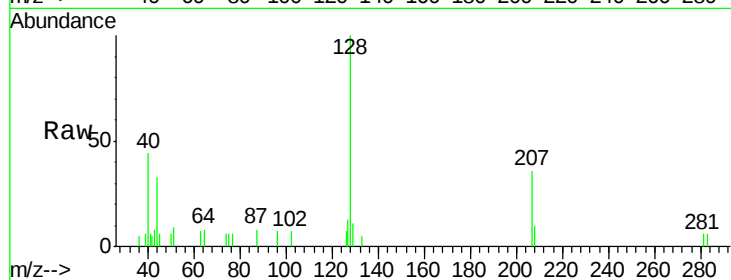
Tot Ion:128 Resp: 6223

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 8.4 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

