

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
 Data File : VN050373.D
 Acq On : 4 Aug 2018 17:50
 Operator : MD\SY
 Sample : J4356-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-39

Quant Time: Aug 06 13:57:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	635269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1011186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	900863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	396204	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	445904	50.31	ug/l	0.00
Spiked Amount						
			Recovery	=	100.62%	
35) Dibromofluoromethane	7.59	113	392571	47.55	ug/l	0.00
Spiked Amount						
			Recovery	=	95.10%	
50) Toluene-d8	10.09	98	1411681	46.51	ug/l	0.00
Spiked Amount						
			Recovery	=	93.02%	
62) 4-Bromofluorobenzene	12.40	95	429418	42.97	ug/l	0.00
Spiked Amount						
			Recovery	=	85.94%	

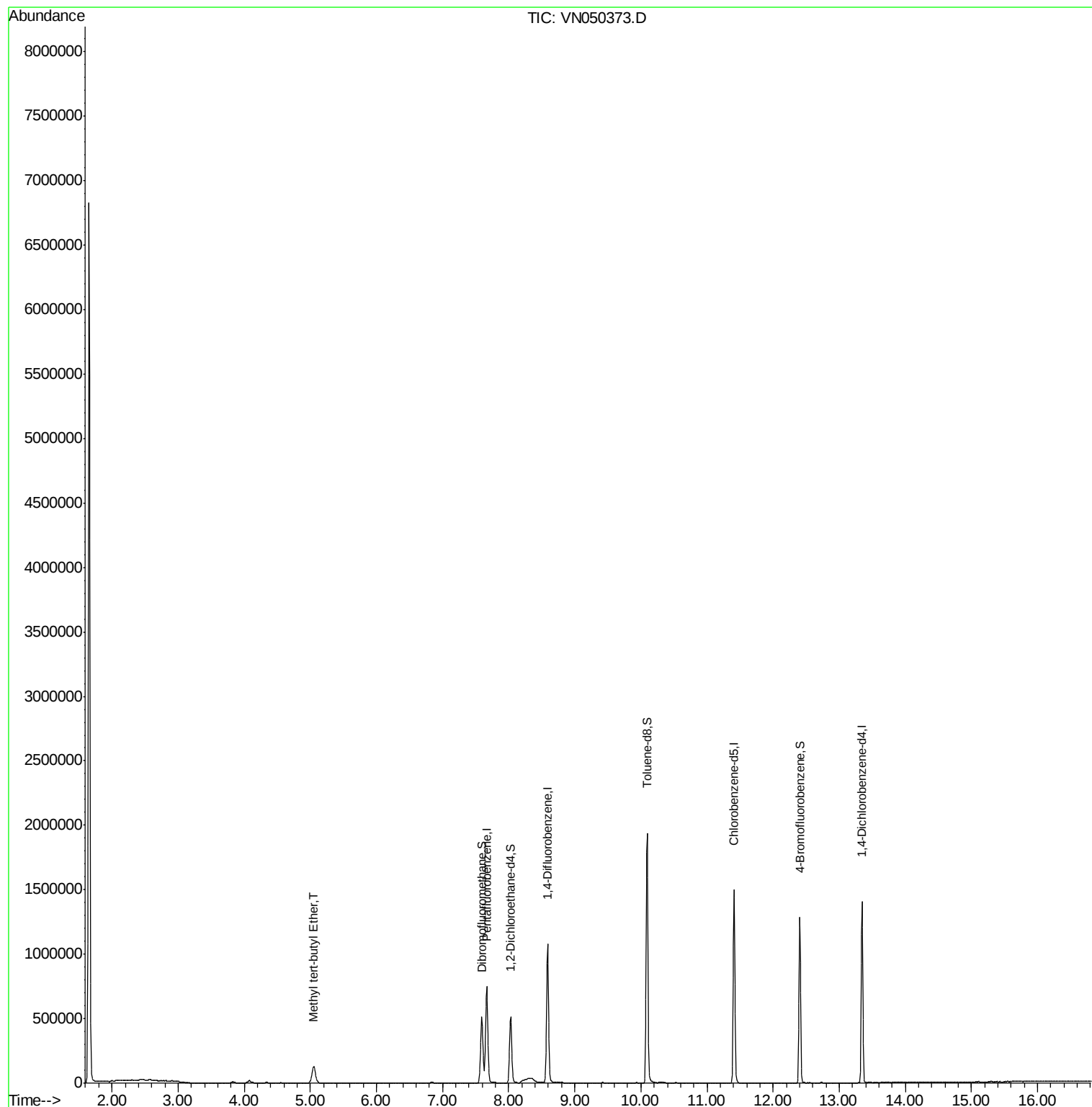
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) Methyl tert-butyl Ether	5.05	73	211141	10.82	ug/l	100

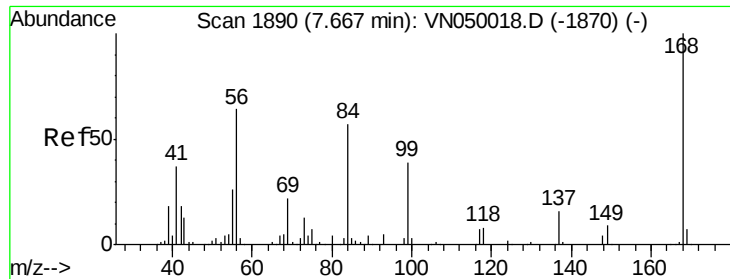
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN050373.D

Acq: 4 Aug 2018 17:50

Instrument :

MSVOA_N

ClientSampleId :

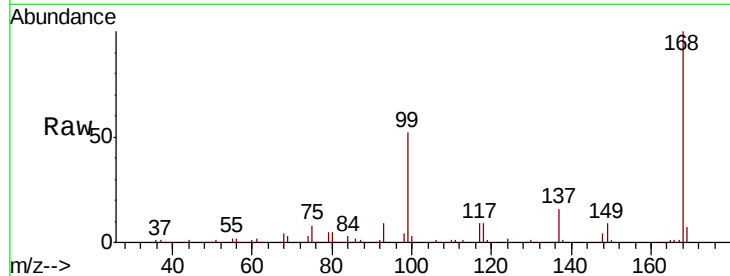
MW-39

Tot Ion:168 Resp: 635269

Ion Ratio Lower Upper

168 100

99 52.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

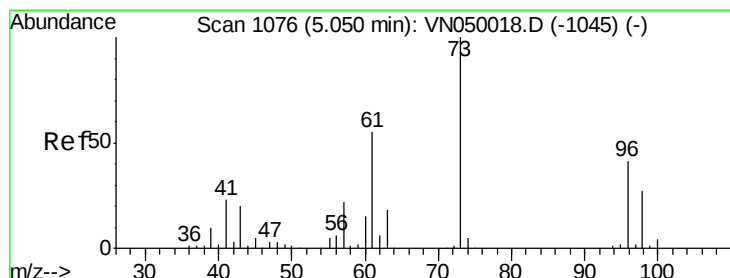
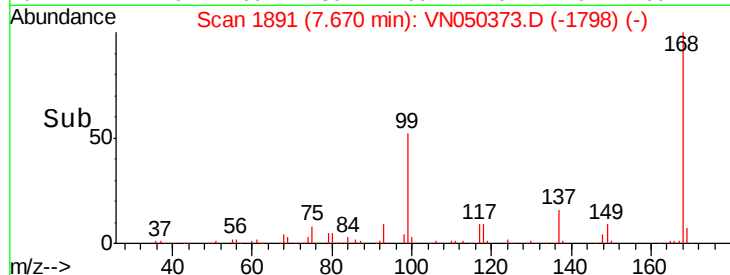
100000

50000

0

7.60 7.70 7.80

Time-->



#19

Methyl tert-butyl Ether

Concen: 10.82 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN050373.D

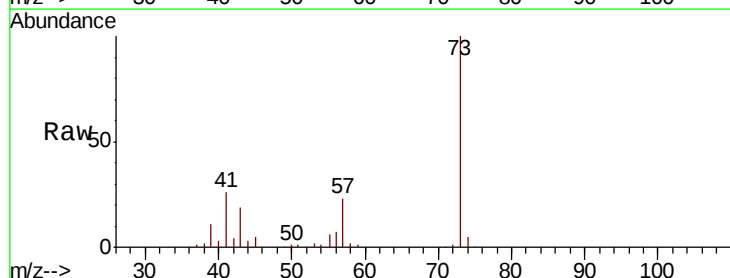
Acq: 4 Aug 2018 17:50

Tgt Ion: 73 Resp: 211141

Ion Ratio Lower Upper

73 100

57 22.6 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

5.05

60000

50000

40000

30000

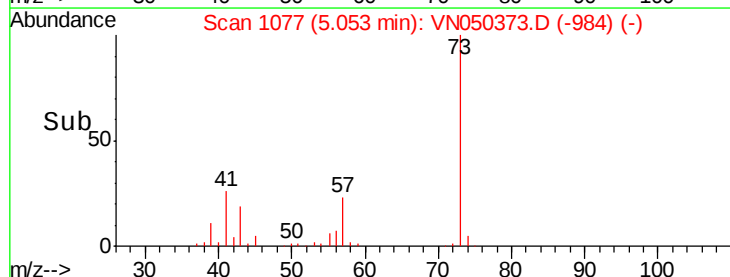
20000

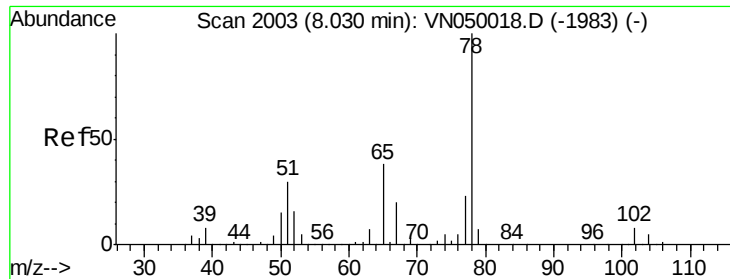
10000

0

4.90 5.00 5.10 5.20

Time-->

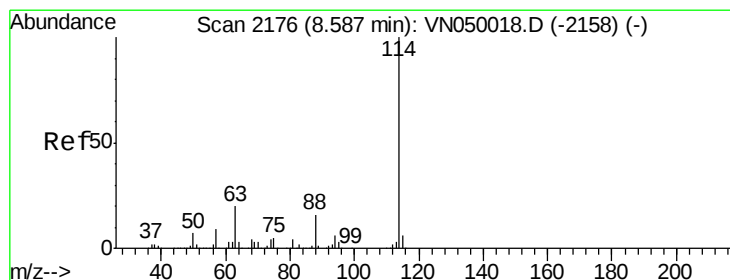
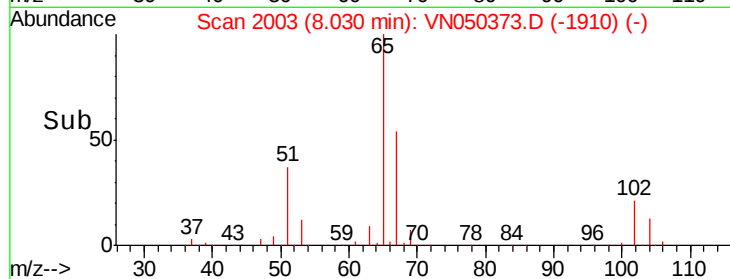
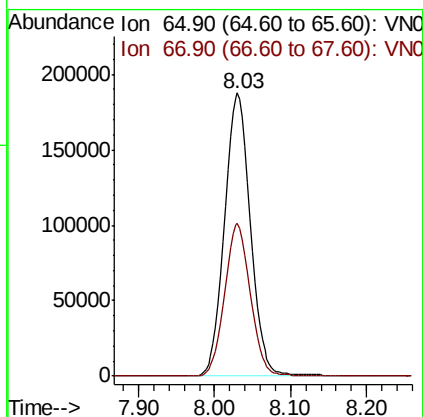
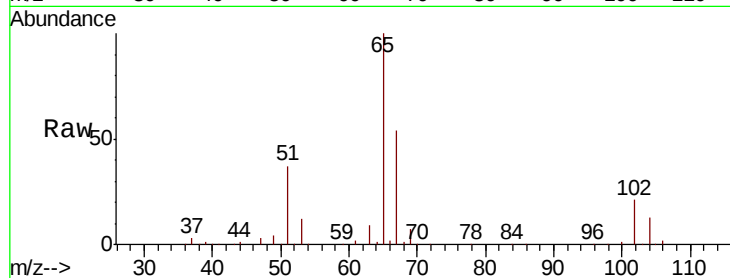




#33
 1,2-Dichloroethane-d4
 Concen: 50.31 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050373.D
 Acq: 4 Aug 2018 17:50

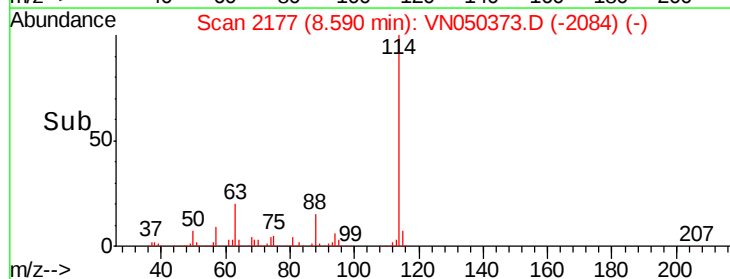
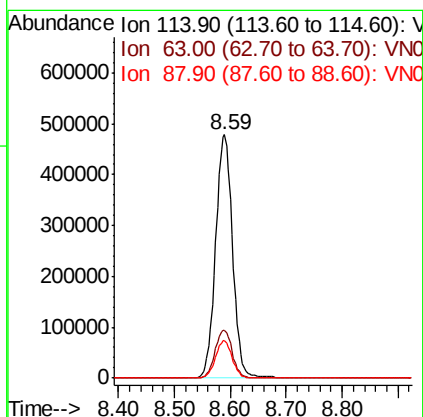
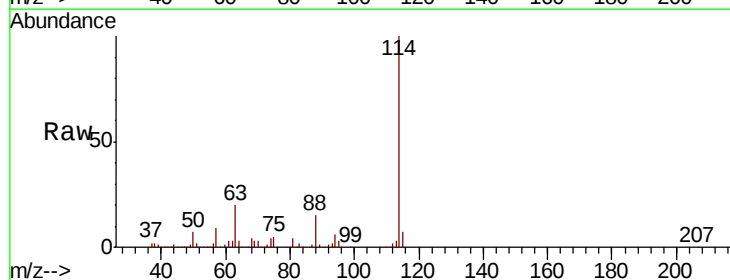
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-39

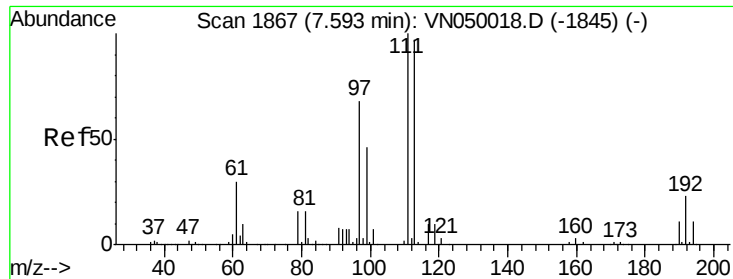
Tot Ion: 65 Resp: 445904
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050373.D
 Acq: 4 Aug 2018 17:50

Tgt Ion: 114 Resp: 1011186
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.3 0.0 31.2

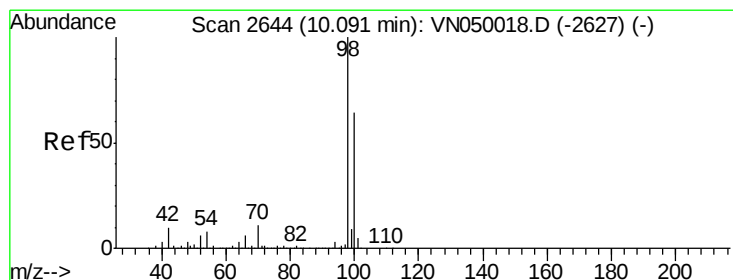
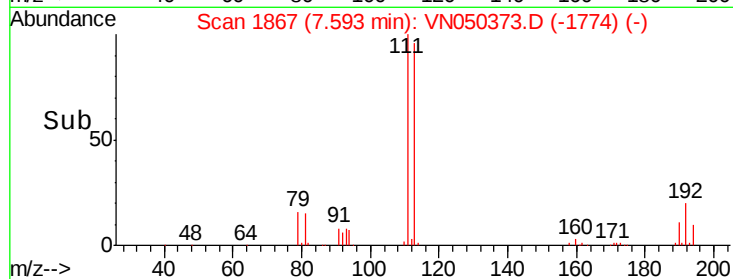
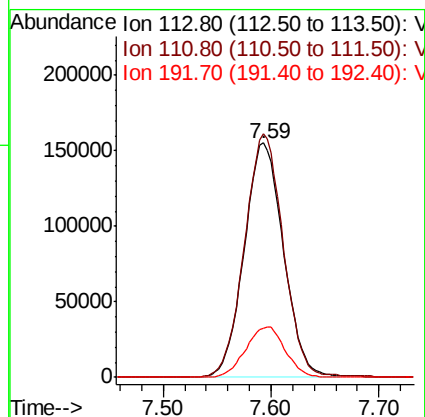
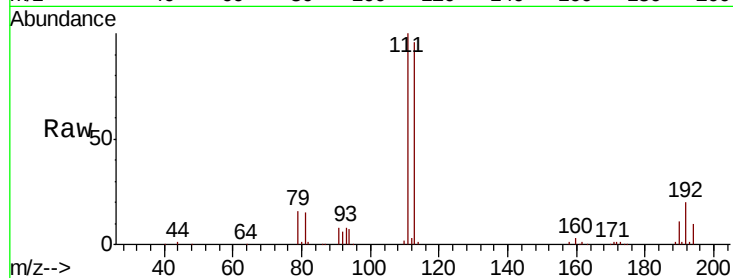




#35
Dibromofluoromethane
Concen: 47.55 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050373.D
Acq: 4 Aug 2018 17:50

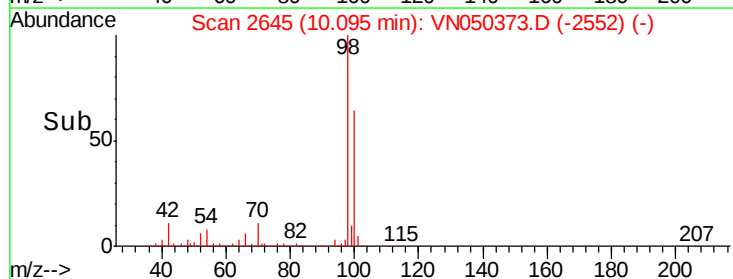
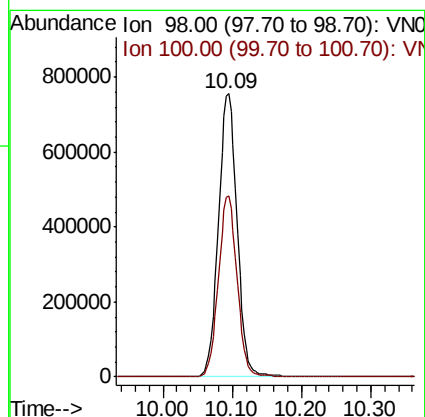
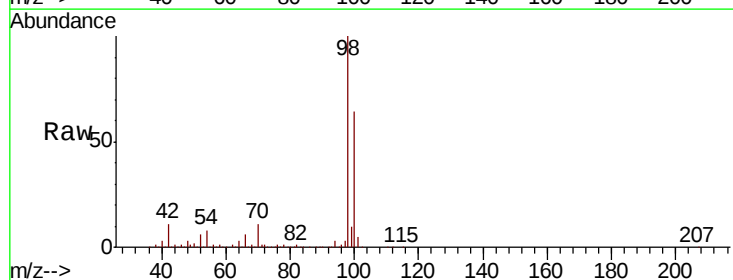
Instrument :
MSVOA_N
ClientSampleId :
MW-39

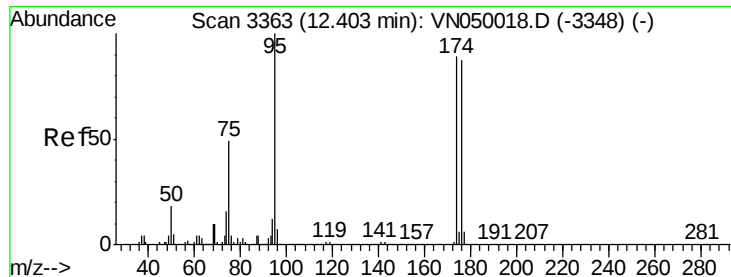
Tot Ion:113 Resp: 392571
Ion Ratio Lower Upper
113 100
111 103.1 80.7 121.1
192 21.7 17.8 26.6



#50
Toluene-d8
Concen: 46.51 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050373.D
Acq: 4 Aug 2018 17:50

Tgt Ion: 98 Resp: 1411681
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 42.97 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050373.D

Acq: 4 Aug 2018 17:50

Instrument :

MSVOA_N

ClientSampleId :

MW-39

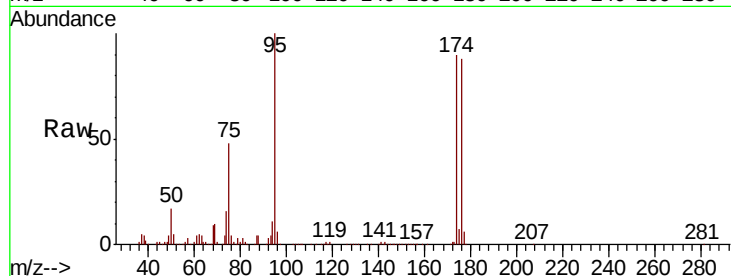
Tot Ion: 95 Resp: 429418

Ion Ratio Lower Upper

95 100

174 92.0 0.0 178.2

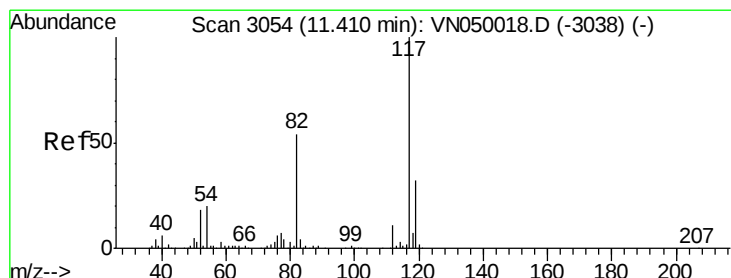
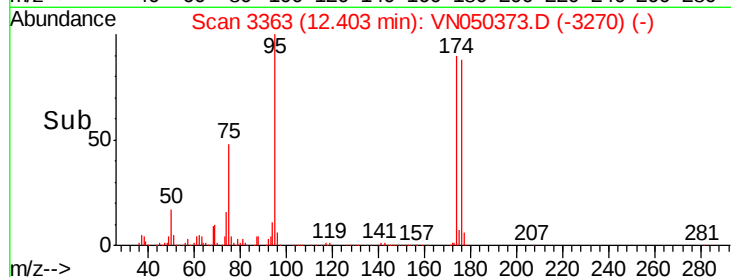
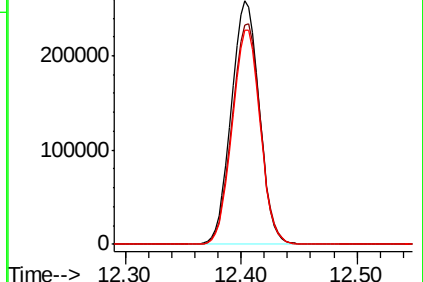
176 87.9 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050373.D

Acq: 4 Aug 2018 17:50

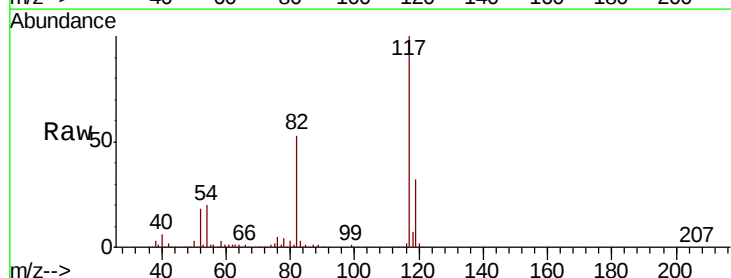
Tgt Ion: 117 Resp: 900863

Ion Ratio Lower Upper

117 100

82 53.5 43.7 65.5

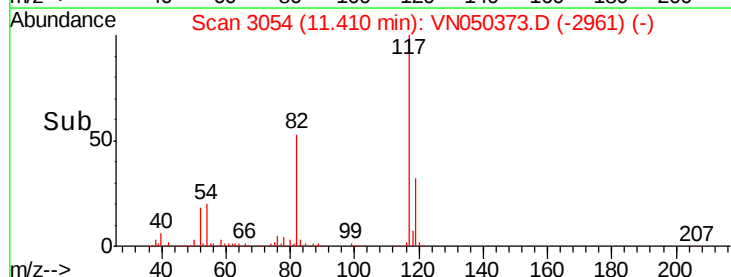
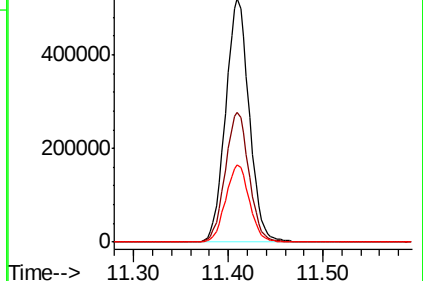
119 31.9 26.1 39.1

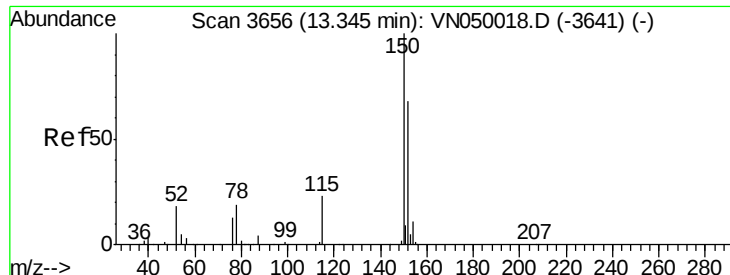


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050373.D

Acq: 4 Aug 2018 17:50

Instrument :

MSVOA_N

ClientSampleId :

MW-39

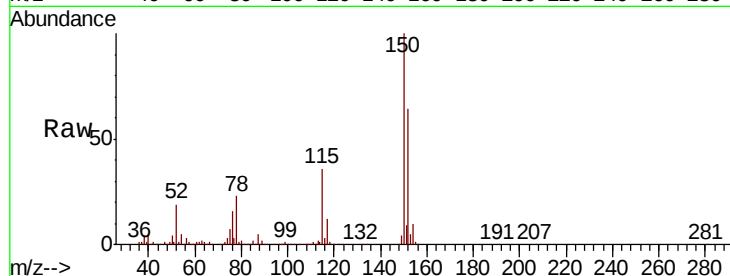
Tot Ion:152 Resp: 396204

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.3

150 156.2 0.0 348.6



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

