

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050523.D
 Acq On : 10 Aug 2018 17:26
 Operator : MD\SY
 Sample : J4397-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Quant Time: Aug 13 11:17:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	716443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1137663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	933473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	337617	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	474820	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
35) Dibromofluoromethane	7.59	113	432654	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
50) Toluene-d8	10.09	98	1542844	44.95	ug/l	0.00
Spiked Amount			Recovery	=	89.90%	
62) 4-Bromofluorobenzene	12.40	95	413928	35.39	ug/l	0.00
Spiked Amount			Recovery	=	70.78%	

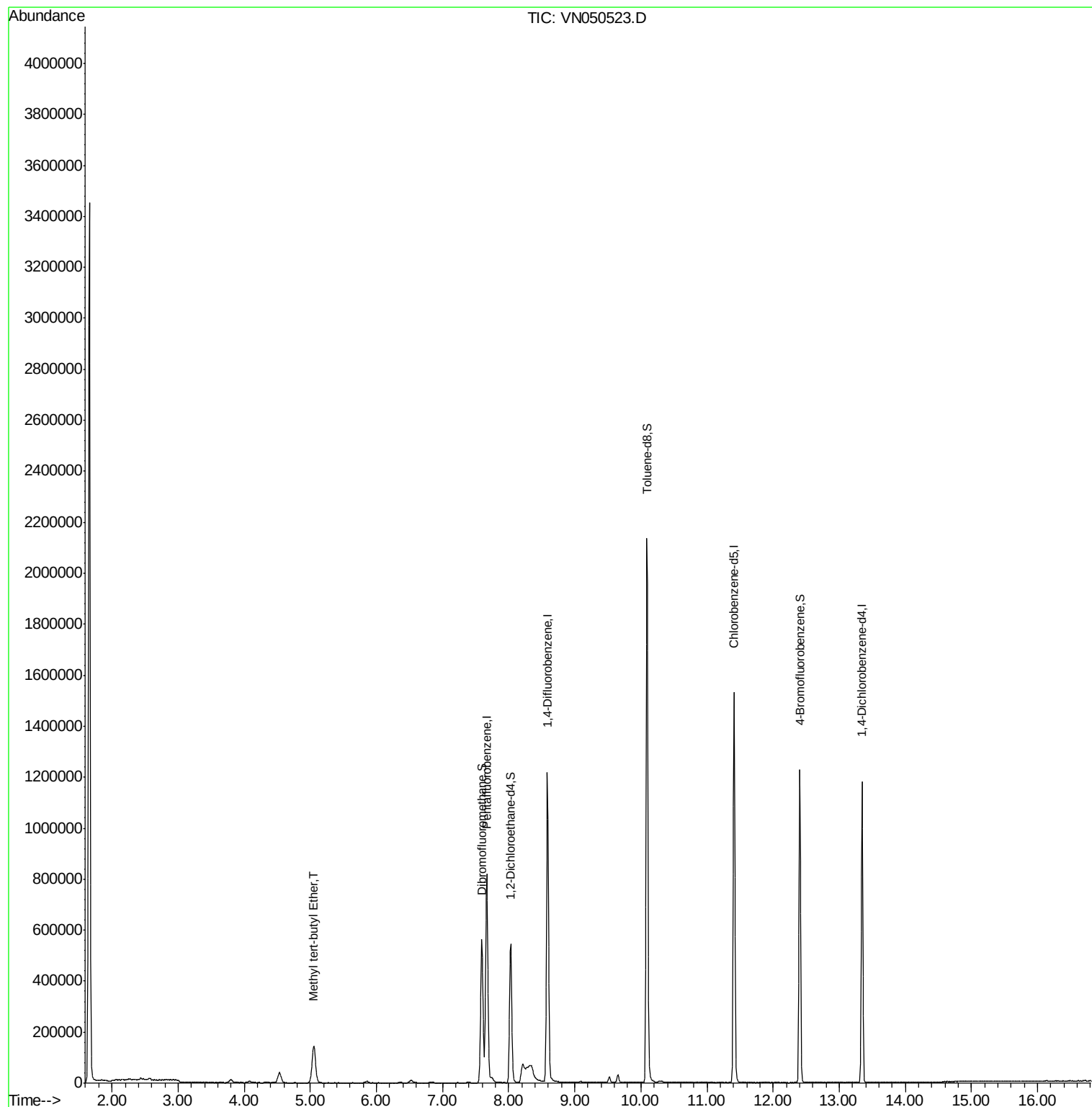
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) Methyl tert-butyl Ether	5.05	73	238779	10.86	ug/l	100

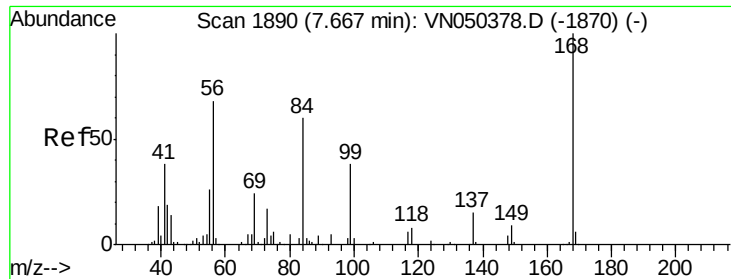
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050523.D

Acq: 10 Aug 2018 17:26

Instrument :

MSVOA_N

ClientSampled :

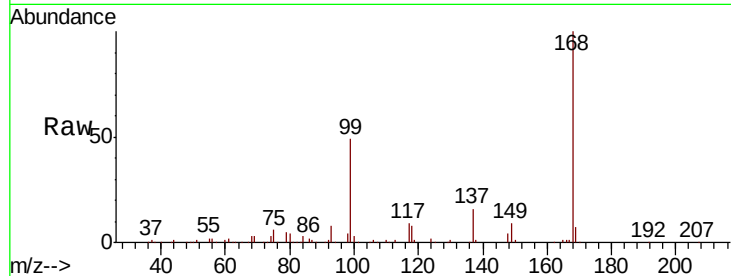
MW-7

Tot Ion:168 Resp: 716443

Ion Ratio Lower Upper

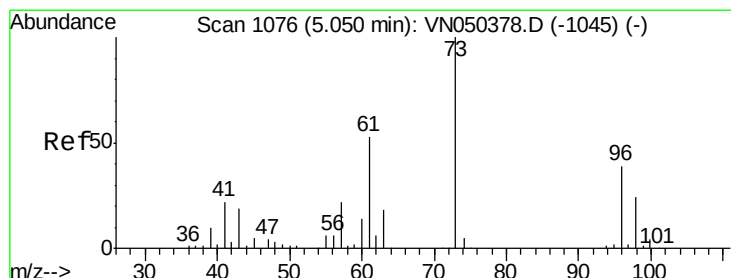
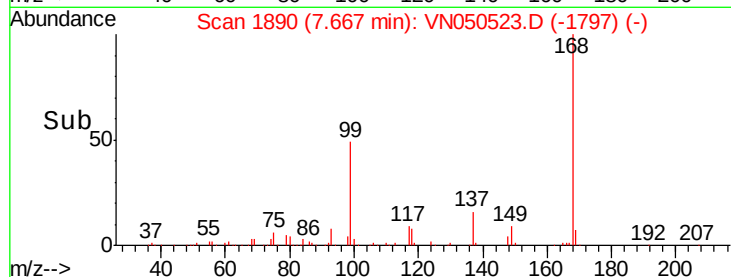
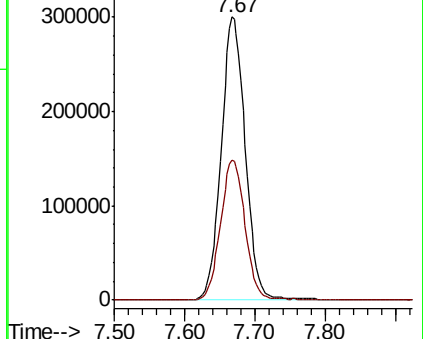
168 100

99 49.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#19

Methyl tert-butyl Ether

Concen: 10.86 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VN050523.D

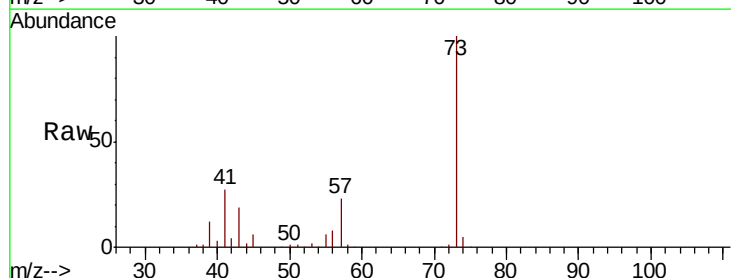
Acq: 10 Aug 2018 17:26

Tgt Ion: 73 Resp: 238779

Ion Ratio Lower Upper

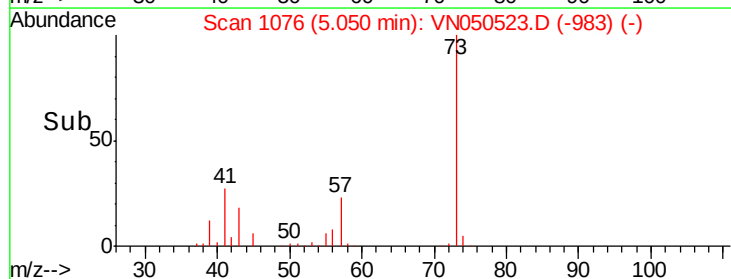
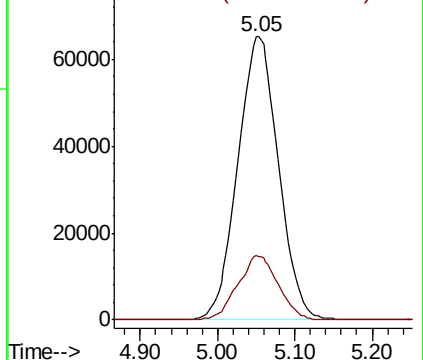
73 100

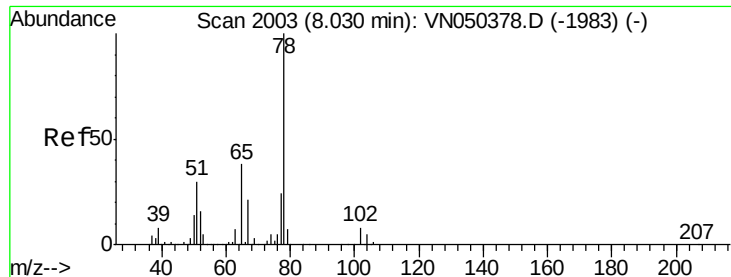
57 22.6 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VN

Ion 57.00 (56.70 to 57.70): VN

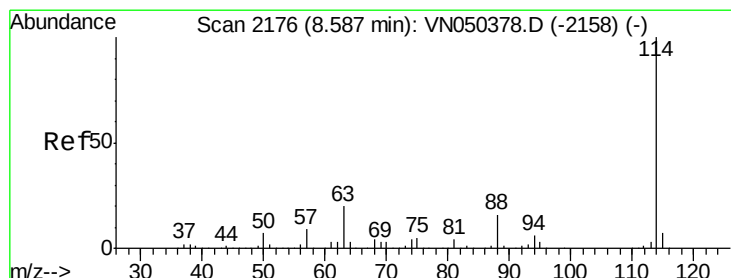
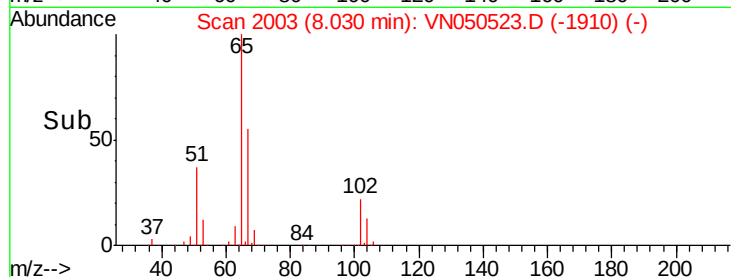
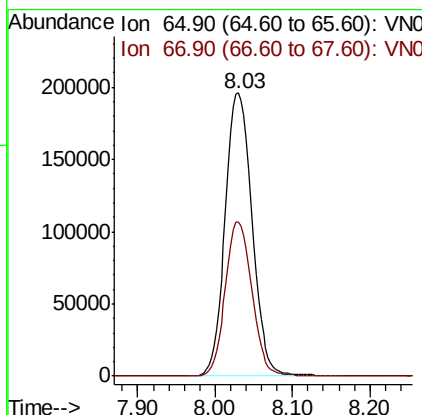
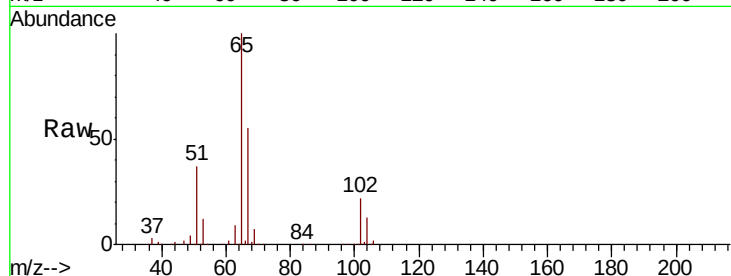




#33
 1,2-Dichloroethane-d4
 Concen: 49.60 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050523.D
 Acq: 10 Aug 2018 17:26

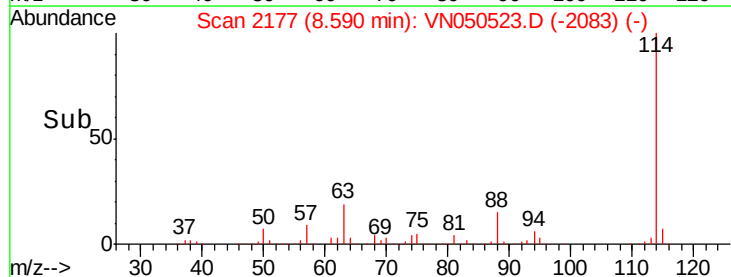
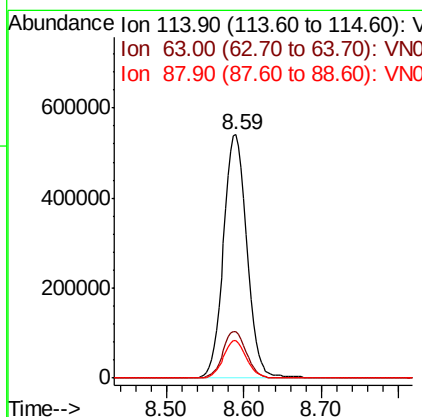
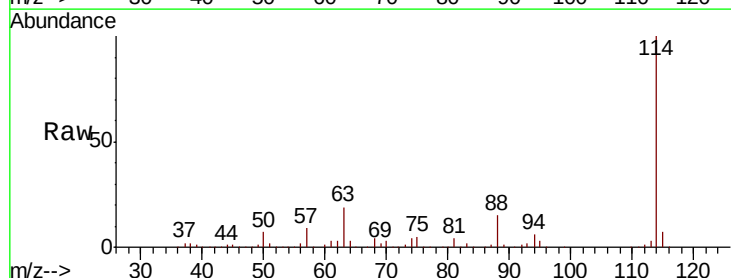
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

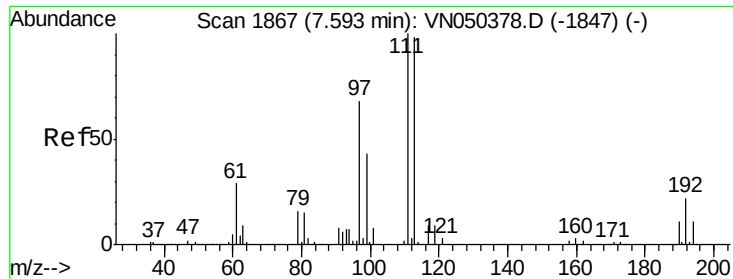
Tot Ion: 65 Resp: 474820
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050523.D
 Acq: 10 Aug 2018 17:26

Tgt Ion: 114 Resp: 1137663
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.40 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050523.D

Acq: 10 Aug 2018 17:26

Instrument :

MSVOA_N

ClientSampleId :

MW-7

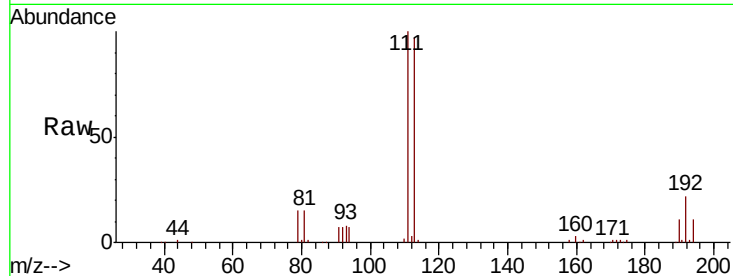
Tot Ion:113 Resp: 432654

Ion Ratio Lower Upper

113 100

111 103.2 80.7 121.1

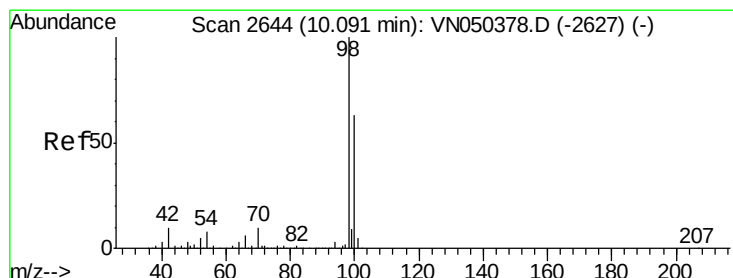
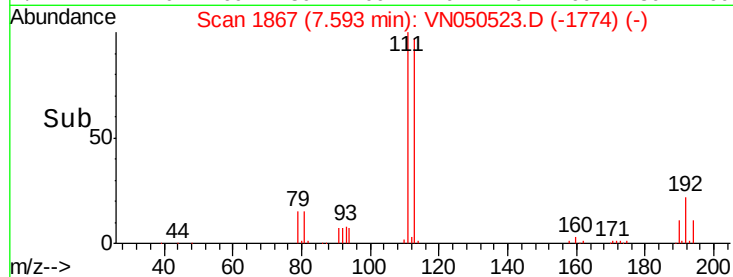
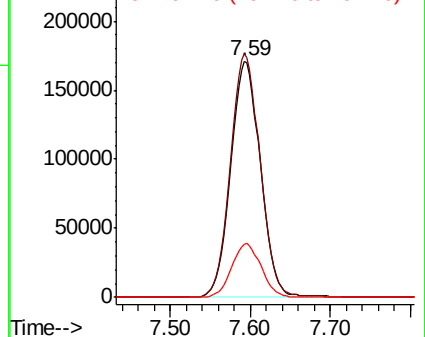
192 22.6 17.8 26.6



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: 44.95 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050523.D

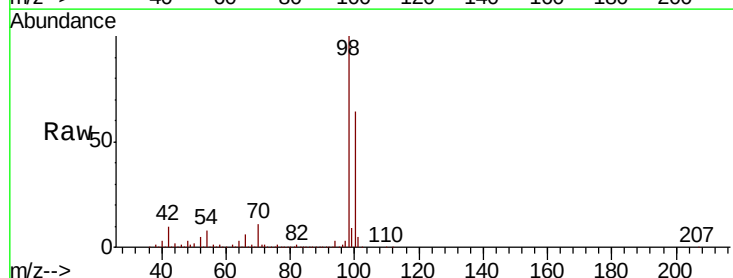
Acq: 10 Aug 2018 17:26

Tgt Ion: 98 Resp: 1542844

Ion Ratio Lower Upper

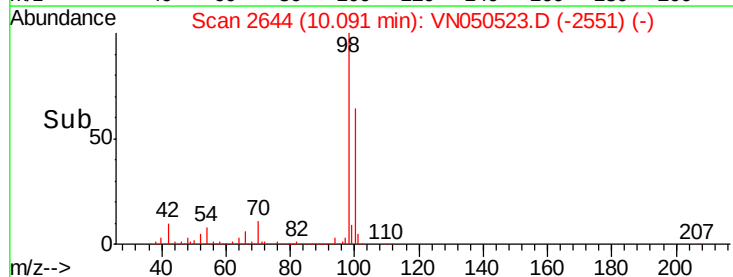
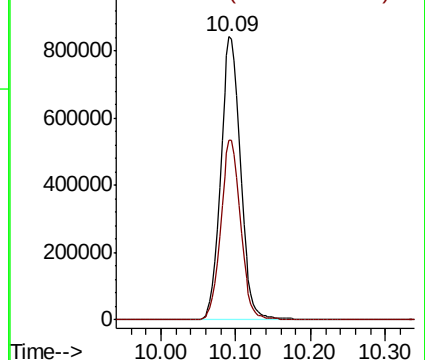
98 100

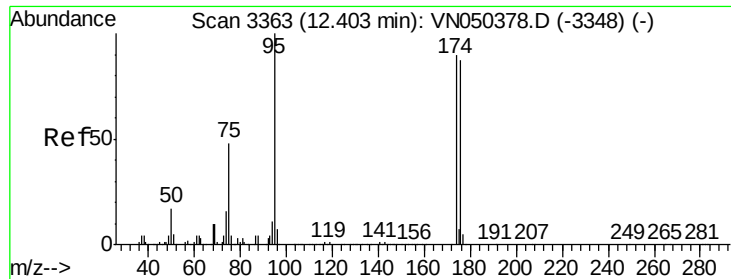
100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

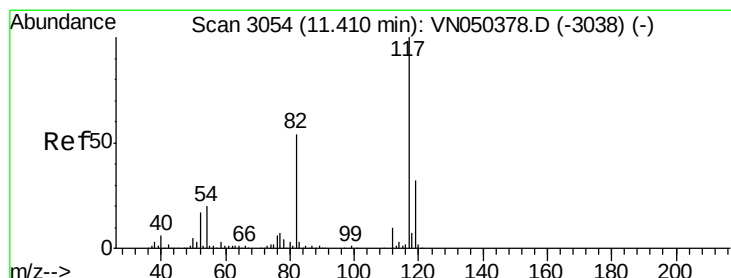
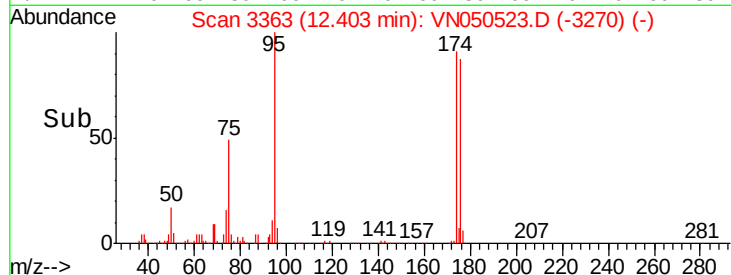
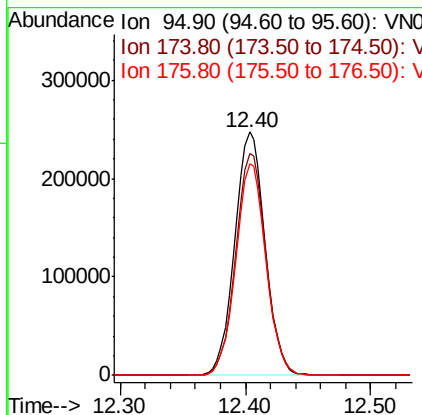
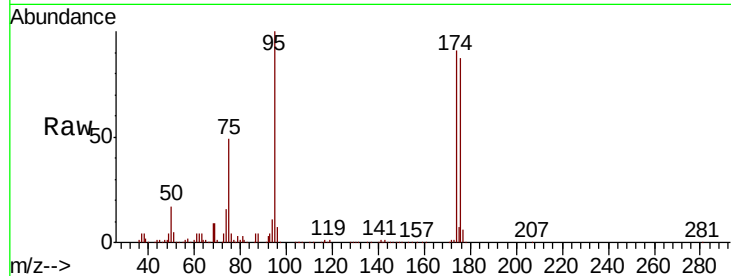




#62
4-Bromofluorobenzene
Concen: 35.39 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050523.D
Acq: 10 Aug 2018 17:26

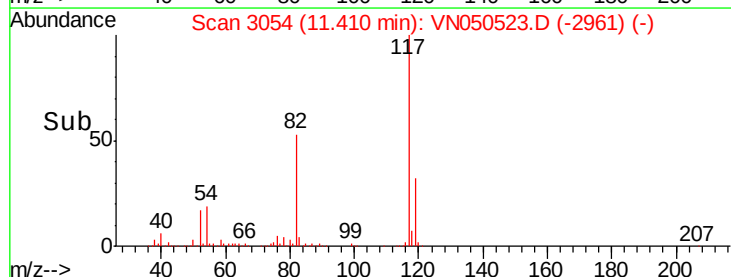
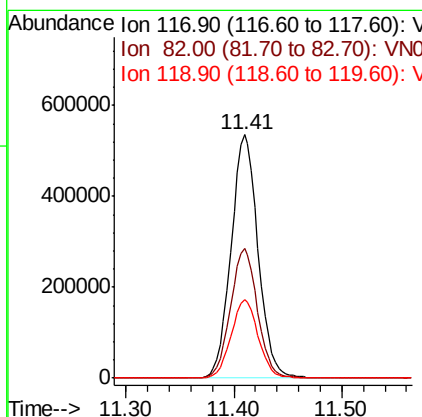
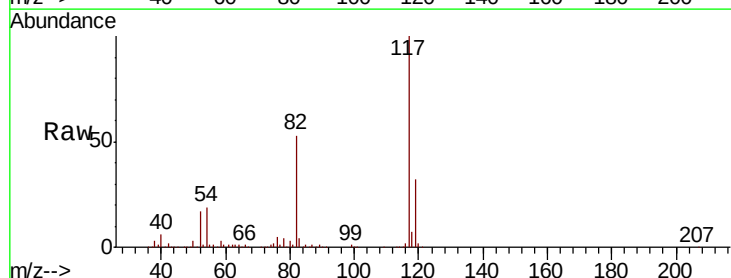
Instrument :
MSVOA_N
ClientSampleId :
MW-7

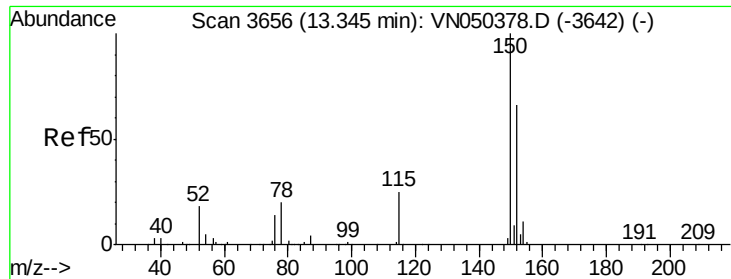
Tot Ion: 95 Resp: 413928
Ion Ratio Lower Upper
95 100
174 91.2 0.0 178.2
176 86.5 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050523.D
Acq: 10 Aug 2018 17:26

Tgt Ion: 117 Resp: 933473
Ion Ratio Lower Upper
117 100
82 53.1 43.7 65.5
119 32.3 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050523.D

Acq: 10 Aug 2018 17:26

Instrument :

MSVOA_N

ClientSampleId :

MW-7

Tot Ion:152 Resp: 337617

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.3

150 155.9 0.0 348.6

