

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070419\
 Data File : VN056596.D
 Acq On : 3 Jul 2019 19:48
 Operator : JC/SP
 Sample : K3680-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Jul 03 23:30:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

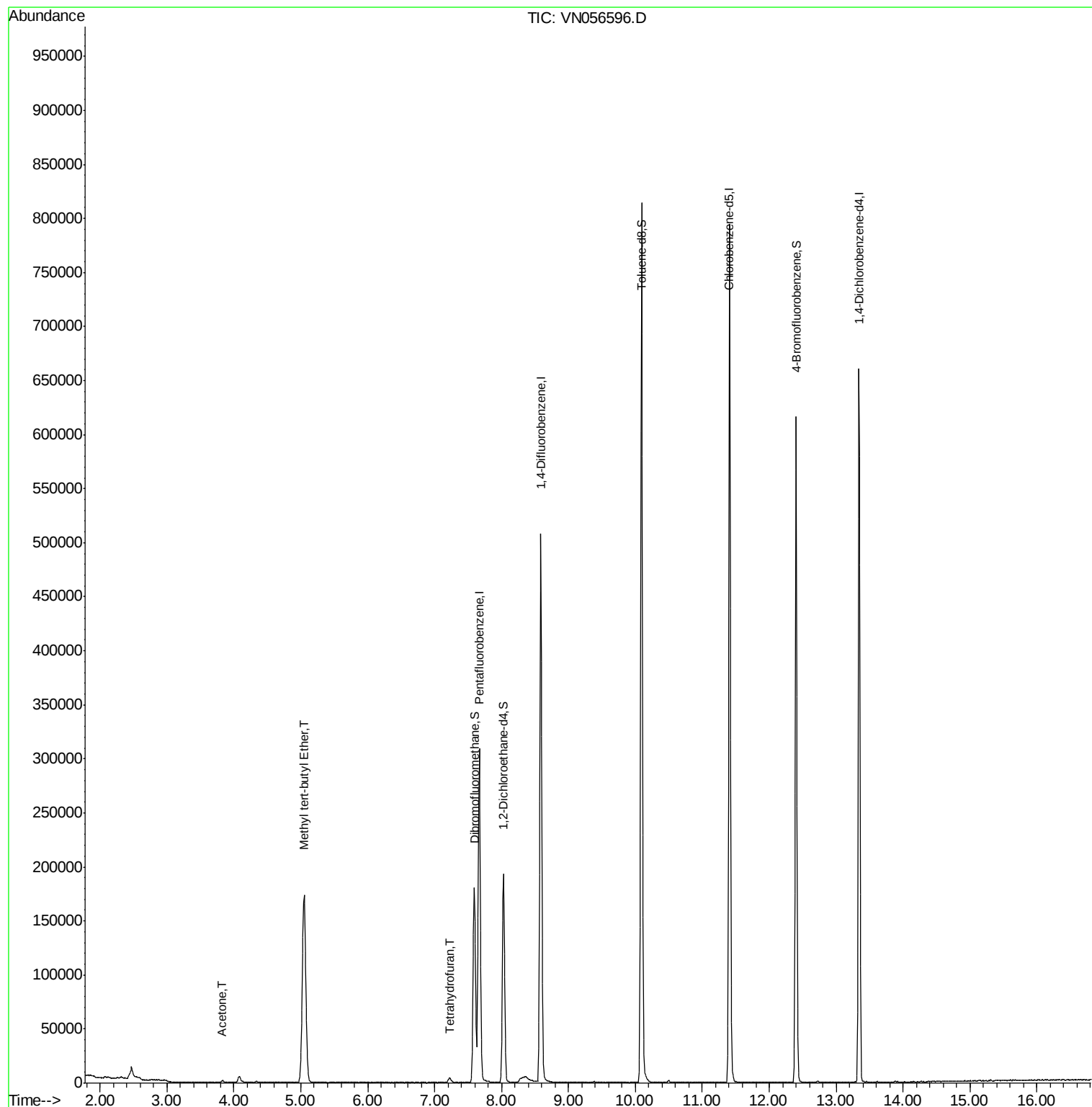
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	276510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	478749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	189856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	161851	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
35) Dibromofluoromethane	7.59	113	139766	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	10.09	98	601101	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.40	95	215852	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.44%	
Target Compounds						
16) Acetone	3.82	43	3071	2.000	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	309542	38.297	ug/l	98
29) Tetrahydrofuran	7.22	42	4229	3.405	ug/l #	67

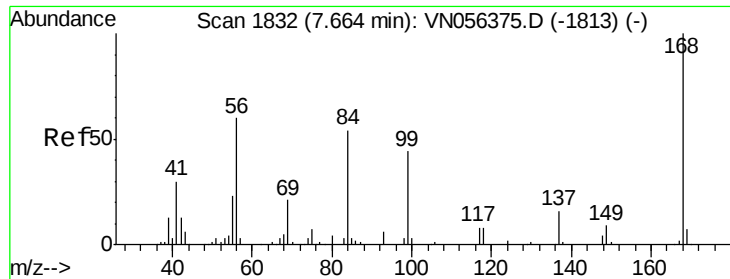
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056596.D

Acq: 3 Jul 2019 19:48

Instrument :

MSVOA_N

ClientSampled :

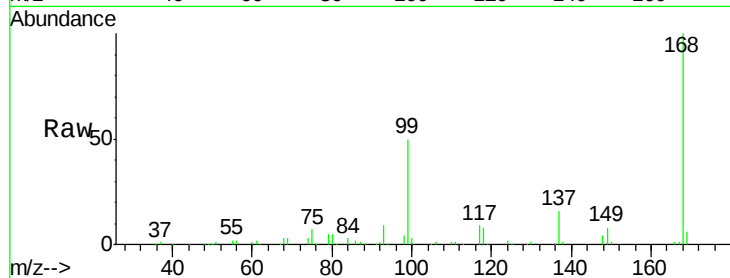
MW-4

Tot Ion:168 Resp: 276510

Ion Ratio Lower Upper

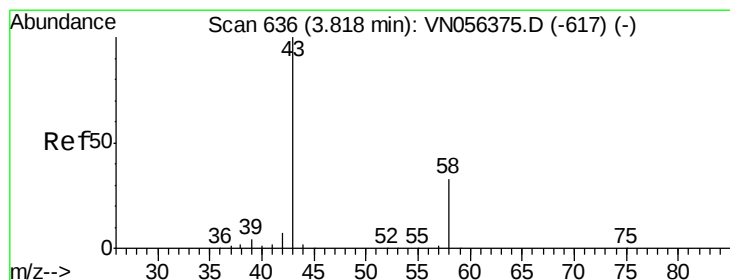
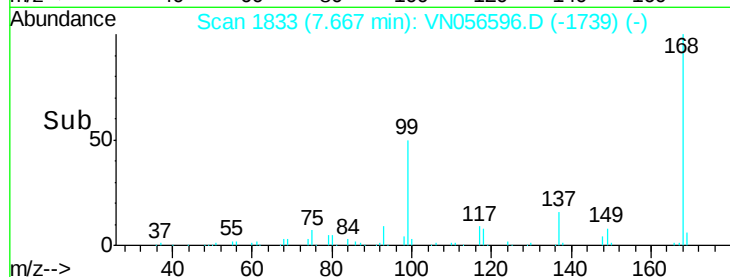
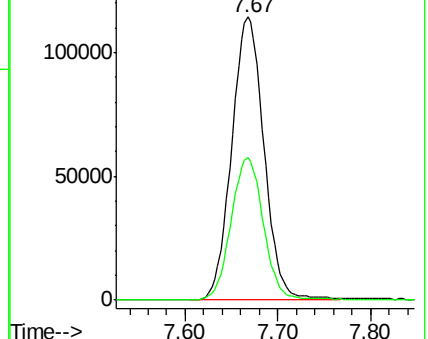
168 100

99 50.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 2.000 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056596.D

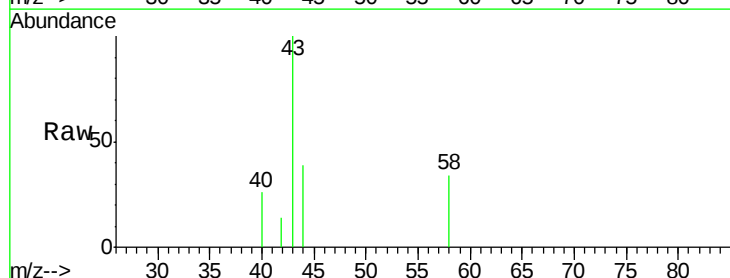
Acq: 3 Jul 2019 19:48

Tgt Ion: 43 Resp: 3071

Ion Ratio Lower Upper

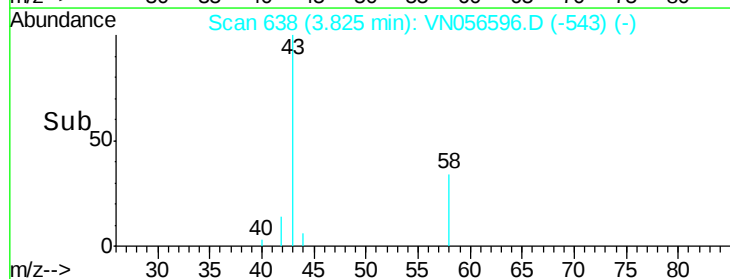
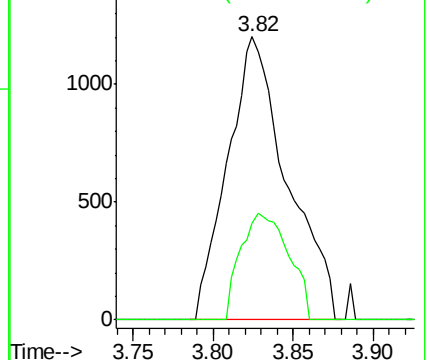
43 100

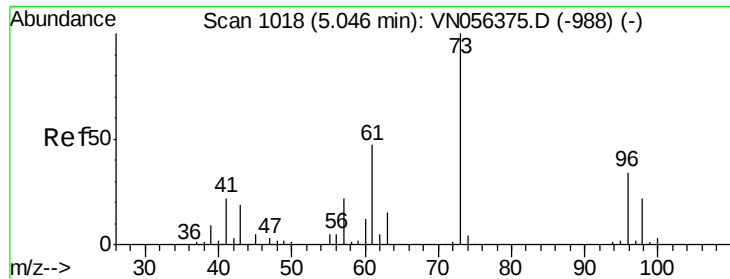
58 34.2 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

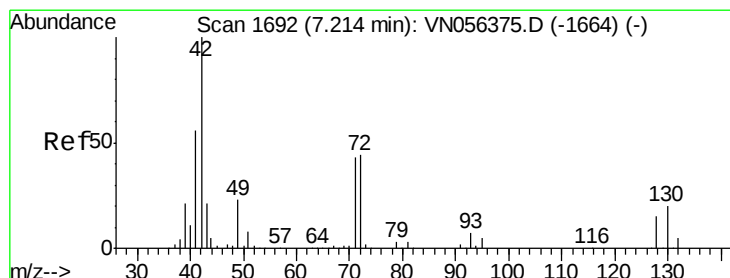
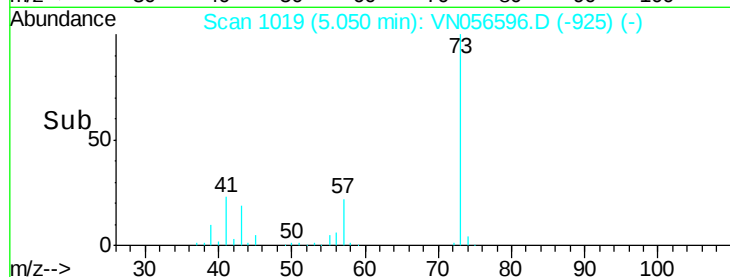
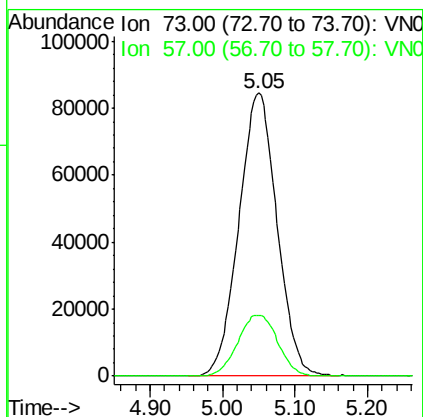
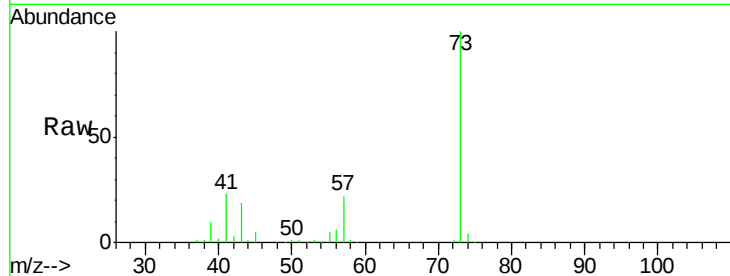




#19
Methvl tert-butvl Ether
Concen: 38.297 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056596.D
Acq: 3 Jul 2019 19:48

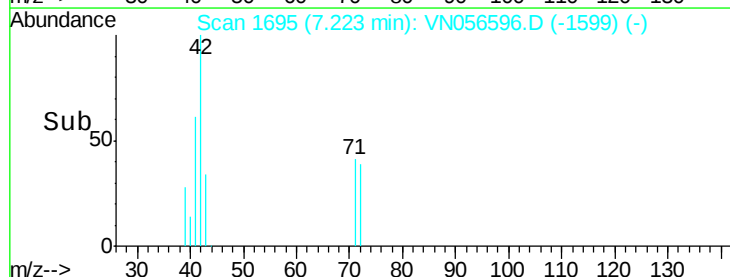
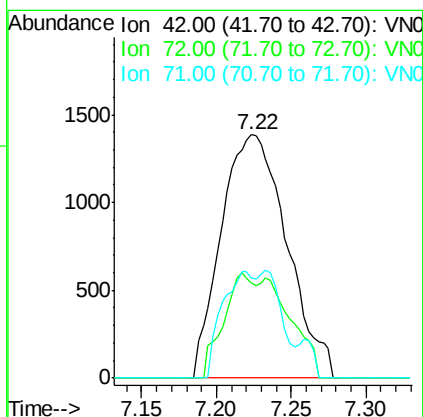
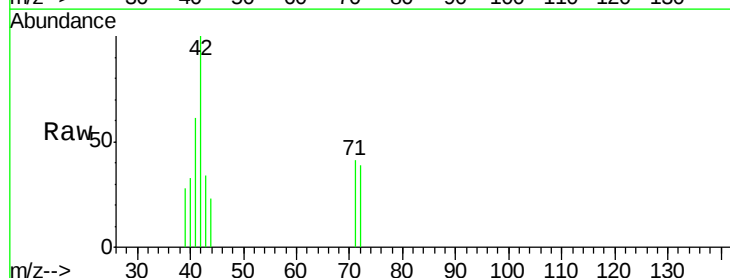
Instrument :
MSVOA_N
ClientSampleId :
MW-4

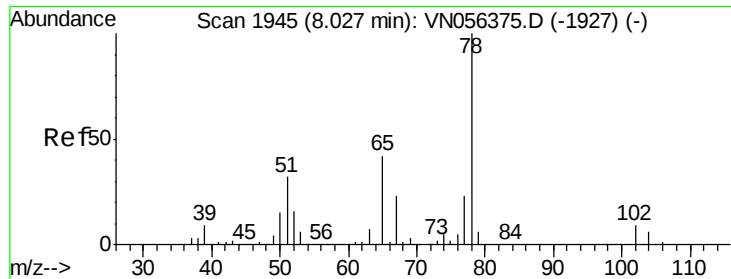
Tot Ion: 73 Resp: 309542
Ion Ratio Lower Upper
73 100
57 21.5 17.9 26.9



#29
Tetrahydrofuran
Concen: 3.405 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN056596.D
Acq: 3 Jul 2019 19:48

Tgt Ion: 42 Resp: 4229
Ion Ratio Lower Upper
42 100
72 20.9 34.7 52.1#
71 22.3 33.0 49.6#

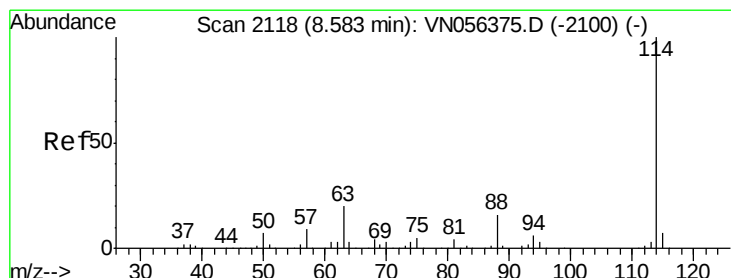
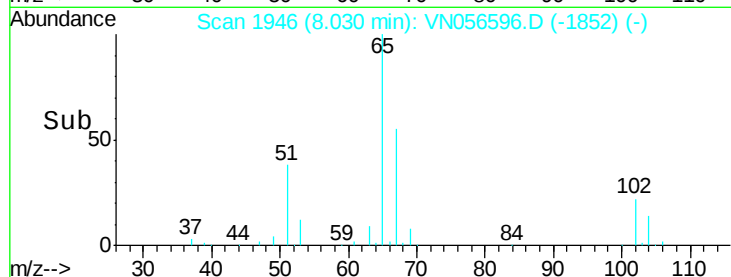
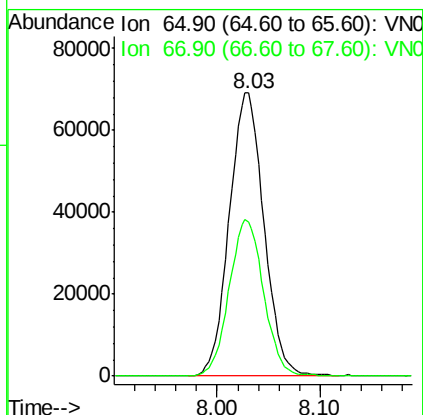
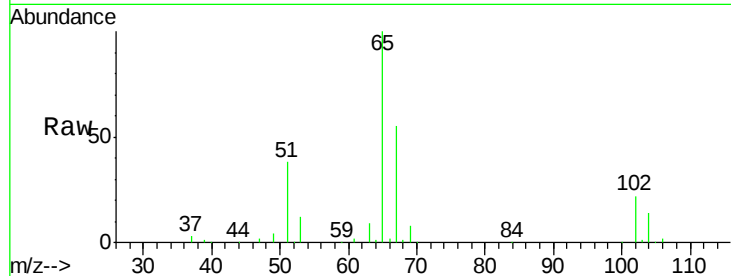




#33
 1,2-Dichloroethane-d4
 Concen: 52.813 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN056596.D
 Acq: 3 Jul 2019 19:48

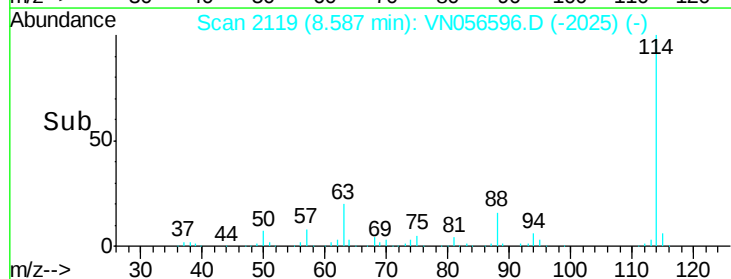
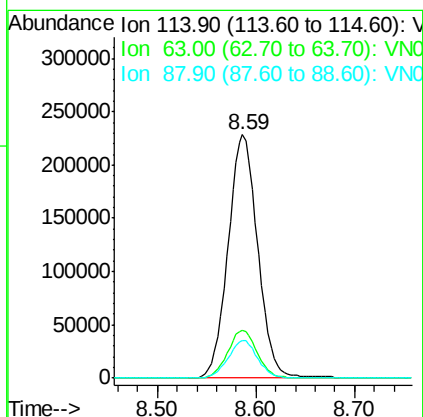
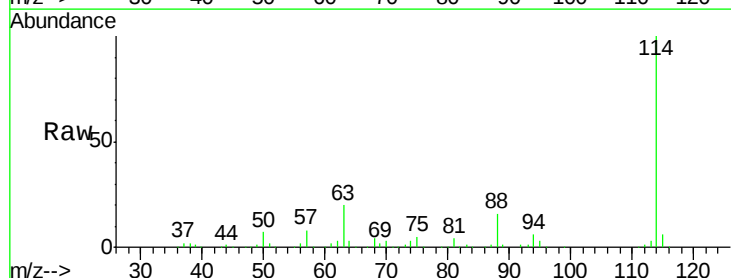
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

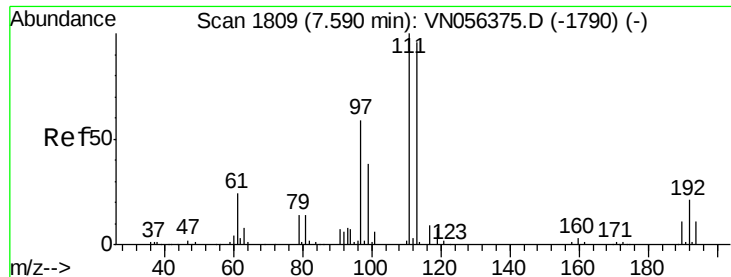
Tot Ion: 65 Resp: 161851
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056596.D
 Acq: 3 Jul 2019 19:48

Tgt Ion: 114 Resp: 478749
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 15.5 0.0 31.4

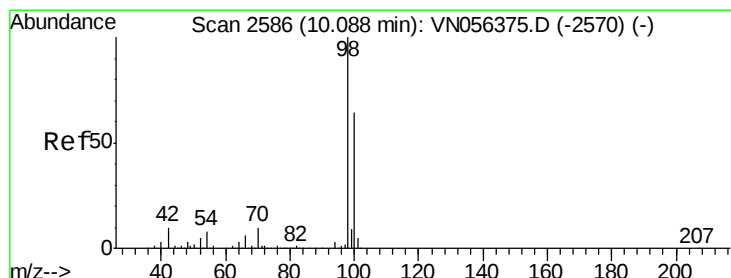
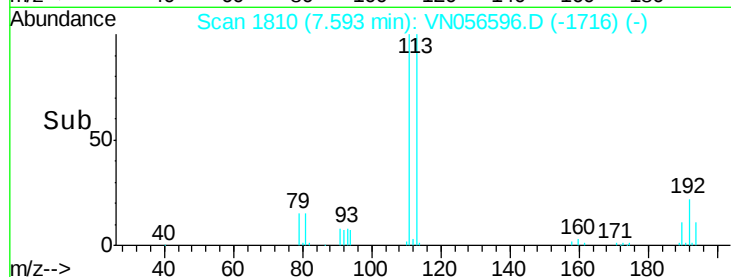
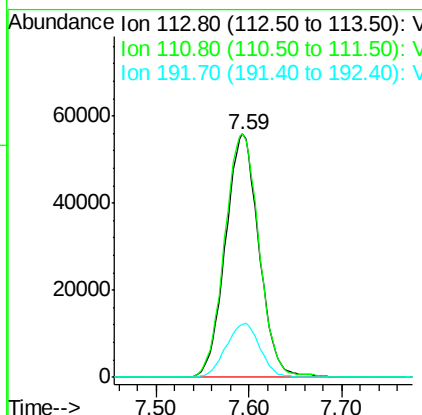
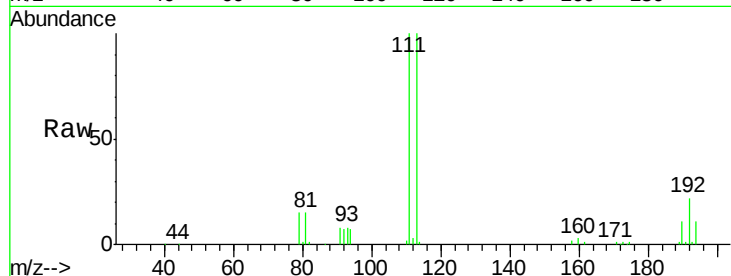




#35
 Dibromofluoromethane
 Concen: 46.798 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056596.D
 Acq: 3 Jul 2019 19:48

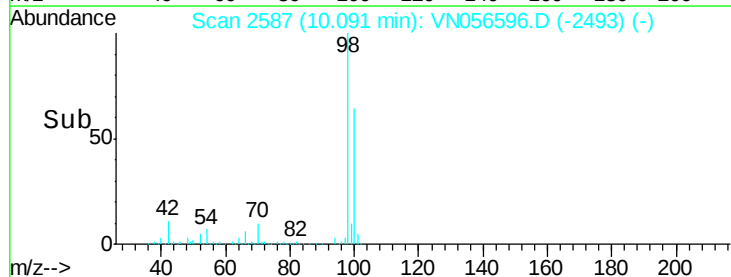
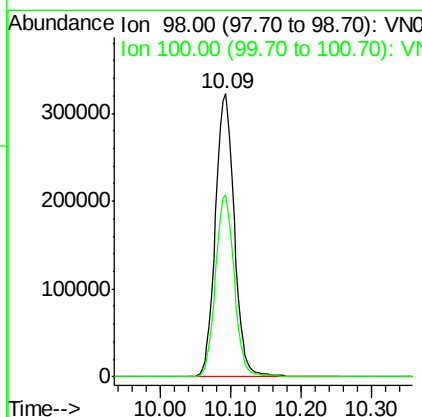
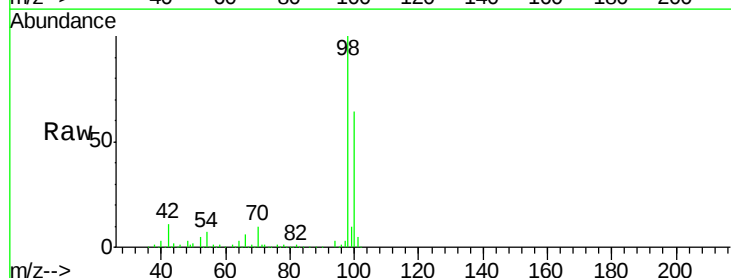
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

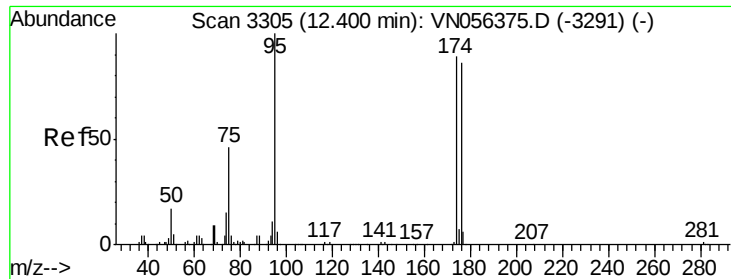
Tot Ion:113 Resp: 139766
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 22.4 17.7 26.5



#50
 Toluene-d8
 Concen: 51.725 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056596.D
 Acq: 3 Jul 2019 19:48

Tgt Ion: 98 Resp: 601101
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.2 78.2

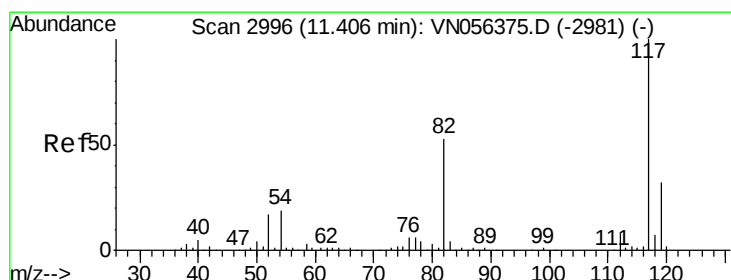
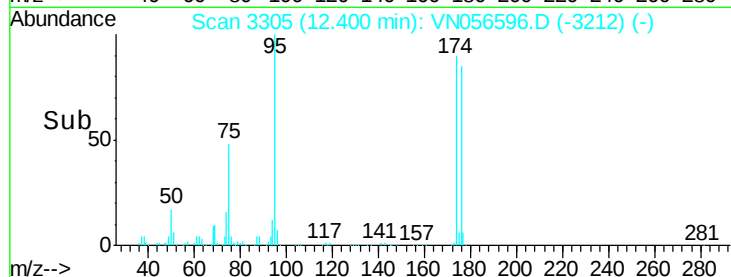
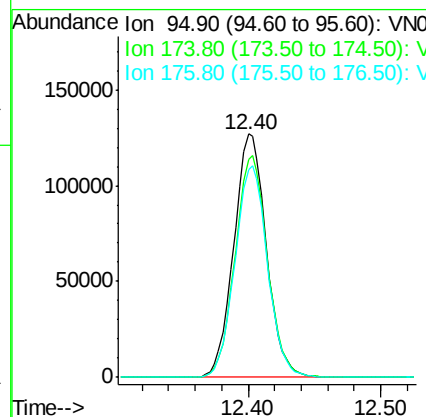
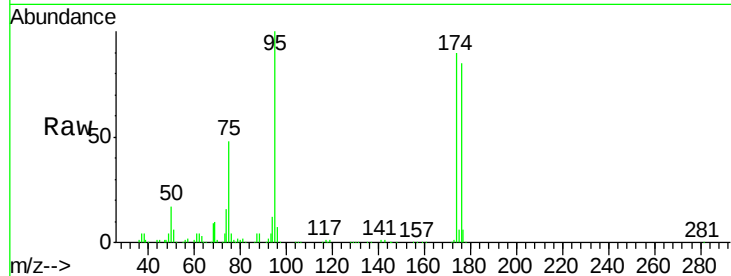




#62
4-Bromofluorobenzene
Concen: 55.718 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056596.D
Acq: 3 Jul 2019 19:48

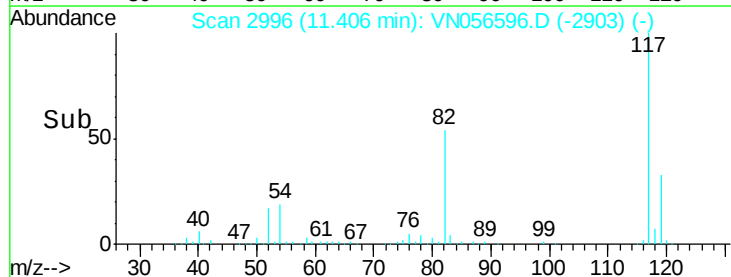
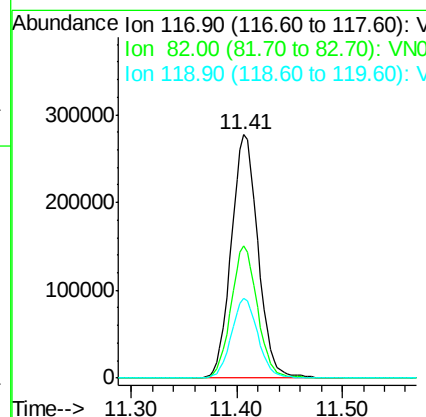
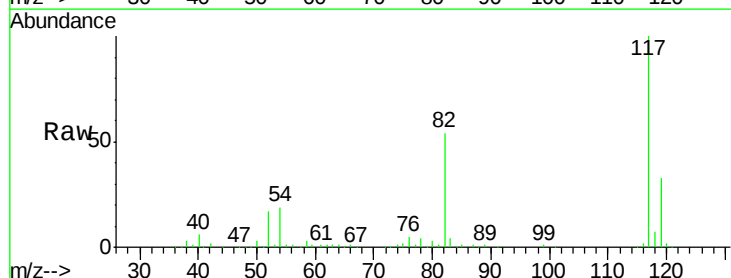
Instrument :
MSVOA_N
ClientSampleId :
MW-4

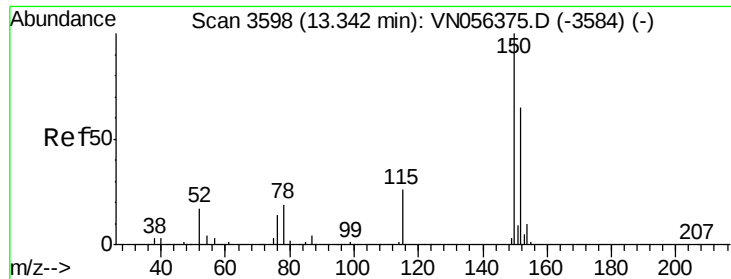
Tot Ion: 95 Resp: 215852
Ion Ratio Lower Upper
95 100
174 91.0 0.0 179.4
176 87.2 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056596.D
Acq: 3 Jul 2019 19:48

Tgt Ion: 117 Resp: 486869
Ion Ratio Lower Upper
117 100
82 54.2 42.0 63.0
119 32.6 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056596.D

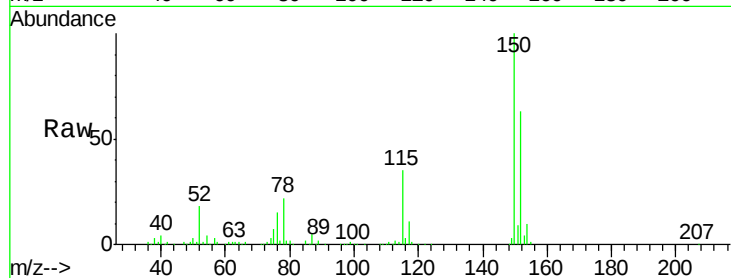
Acq: 3 Jul 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

MW-4



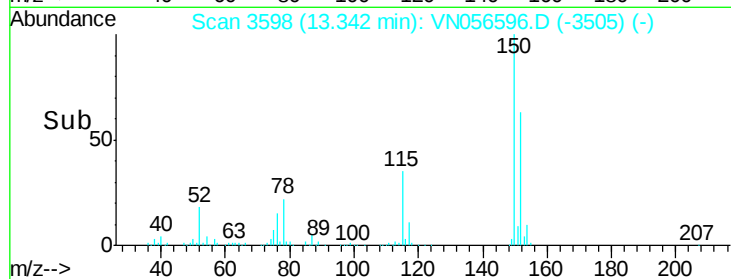
Tot Ion:152 Resp: 189856

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.4

150 159.6 0.0 348.4



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

