

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042719\
 Data File : VN055278.D
 Acq On : 26 Apr 2019 16:07
 Operator : JC/SP
 Sample : K2578-01 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WATER-COMP

Quant Time: Apr 27 03:29:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

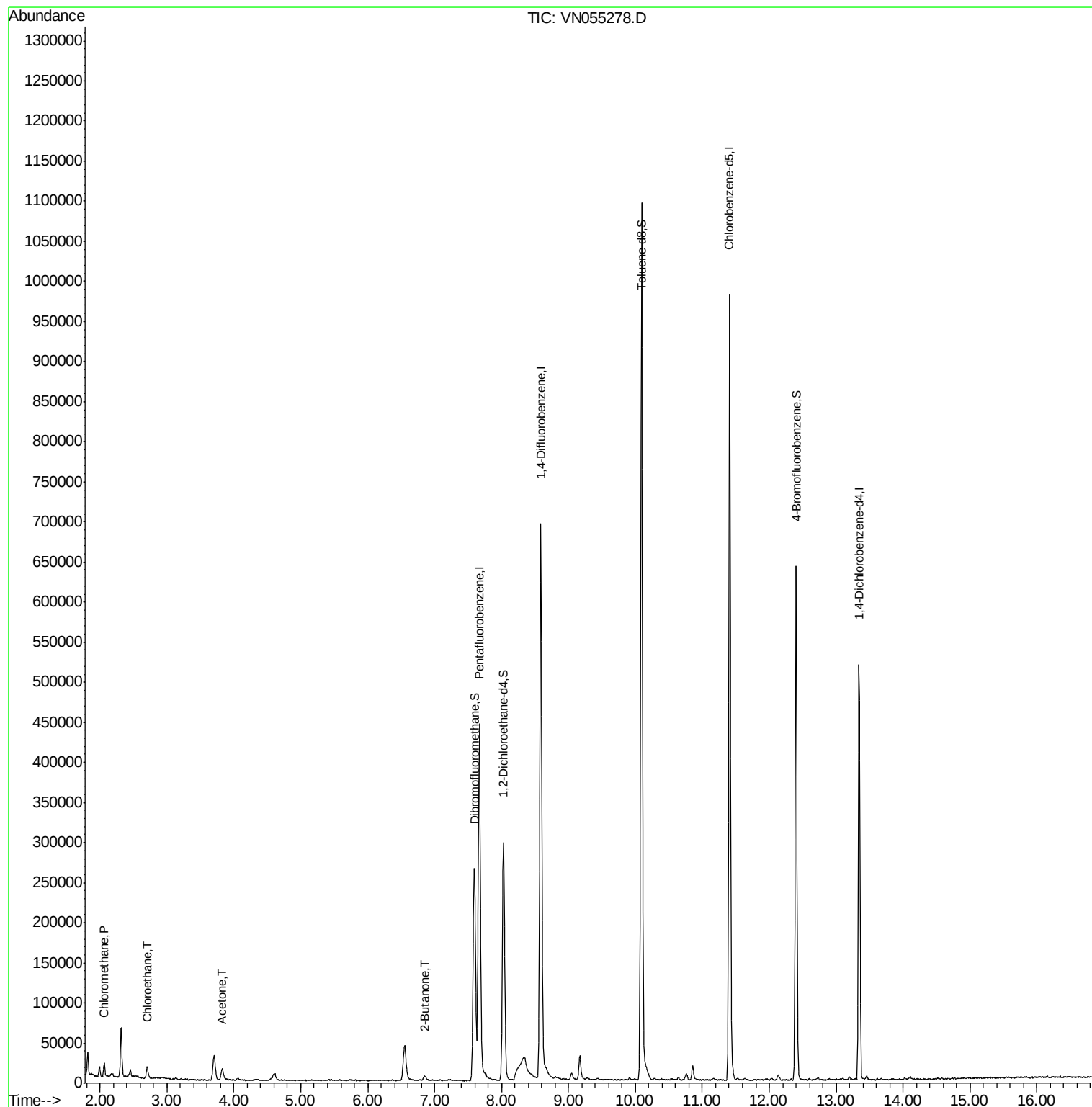
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	367247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	626721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	554023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	256195	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
35) Dibromofluoromethane	7.59	113	204916	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
50) Toluene-d8	10.09	98	762401	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.40	95	220332	44.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.22%	
Target Compounds						
3) Chloromethane	2.06	50	13760	2.375	ug/l	97
6) Chloroethane	2.71	64	12356	5.049	ug/l	90
16) Acetone	3.82	43	24877	15.139	ug/l	99
25) 2-Butanone	6.86	43	10250	4.832	ug/l #	90

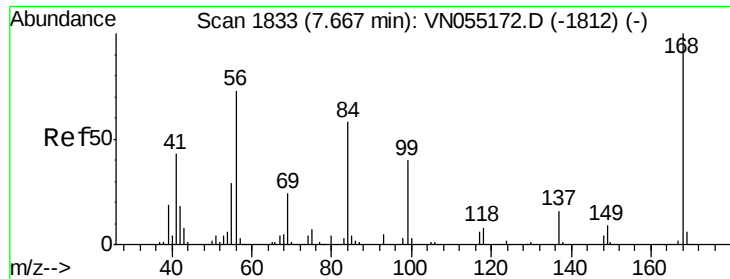
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055278.D

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Instrument :

MSVOA_N

ClientSampleId :

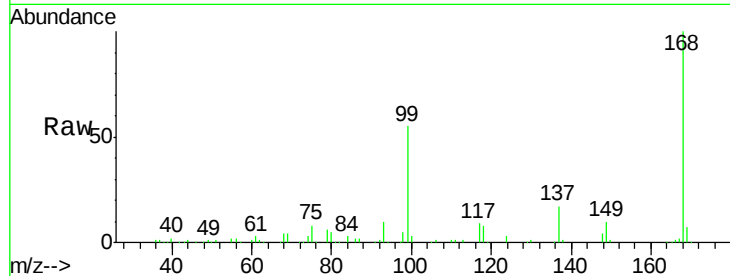
WATER-COMP

Tot Ion:168 Resp: 367247

Ion Ratio Lower Upper

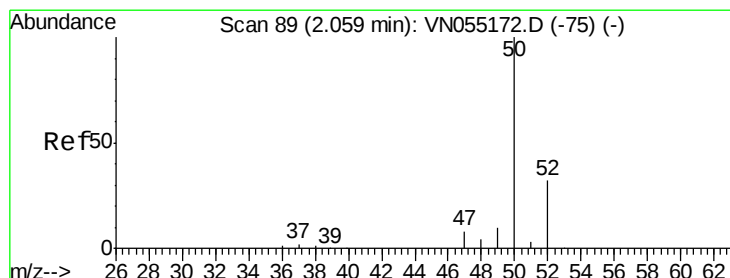
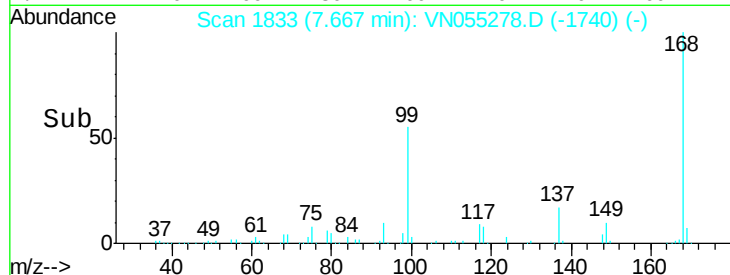
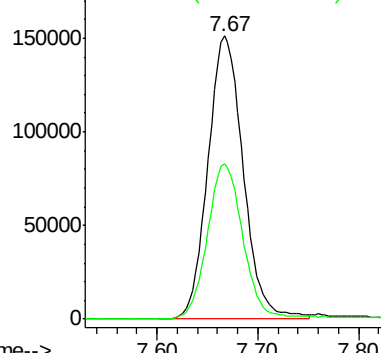
168 100

99 54.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 2.375 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055278.D

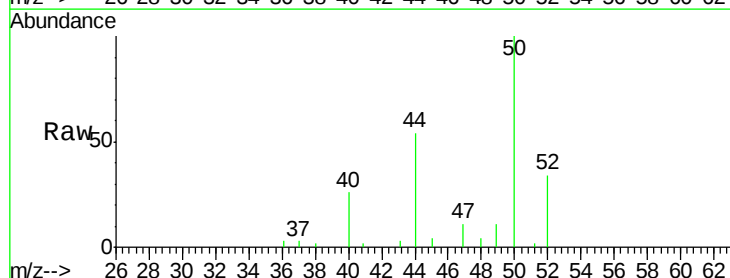
Acq: 26 Apr 2019 16:07

Tgt Ion: 50 Resp: 13760

Ion Ratio Lower Upper

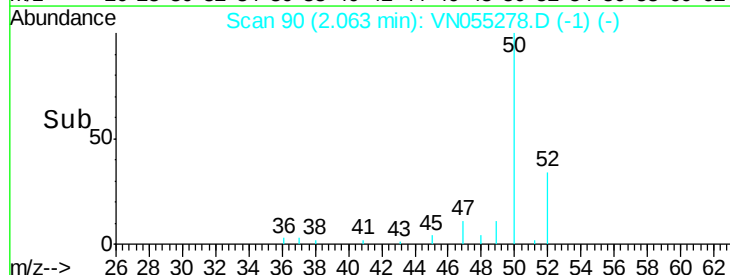
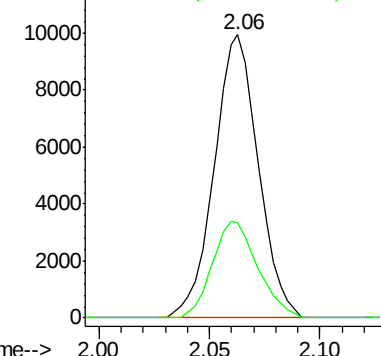
50 100

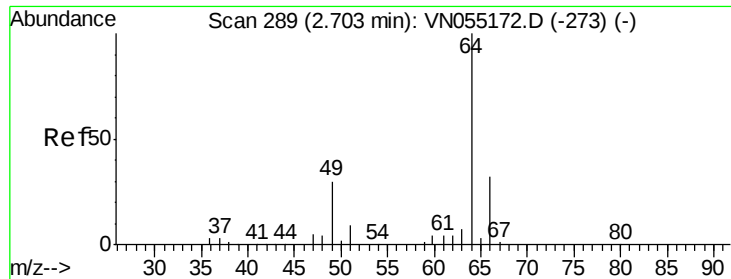
52 33.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#6

Chloroethane

Concen: 5.049 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN055278.D

Acq: 26 Apr 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

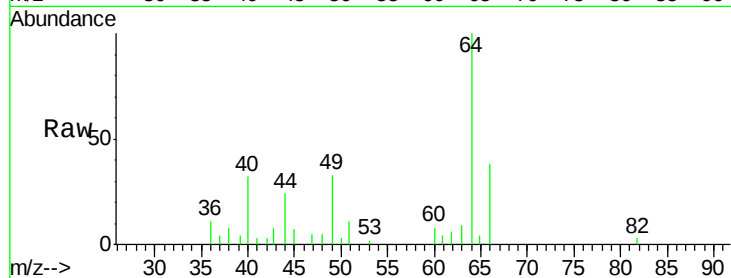
WATER-COMP

Tot Ion: 64 Resp: 12356

Ion Ratio Lower Upper

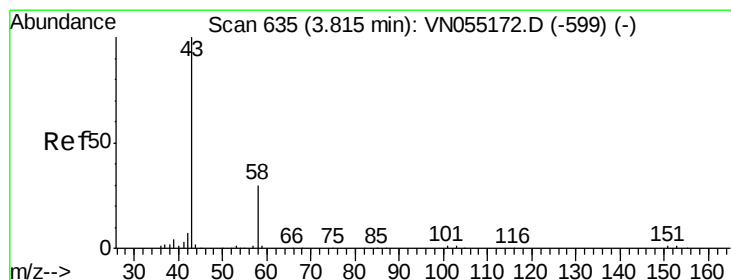
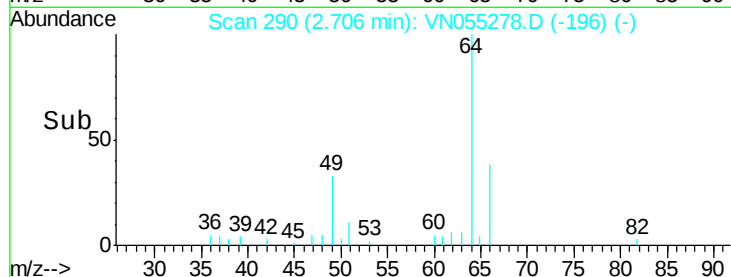
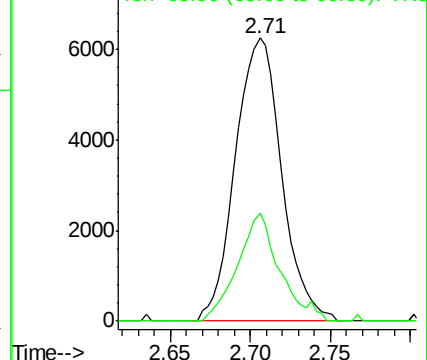
64 100

66 38.2 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



#16

Acetone

Concen: 15.139 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055278.D

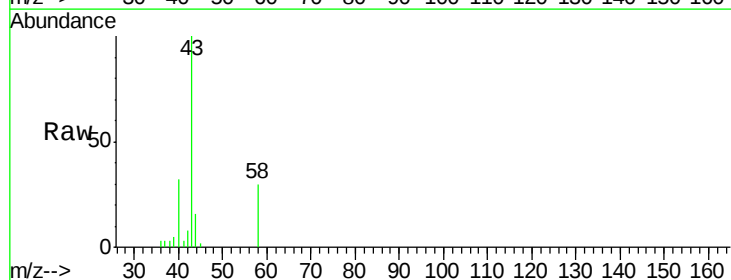
Acq: 26 Apr 2019 16:07

Tgt Ion: 43 Resp: 24877

Ion Ratio Lower Upper

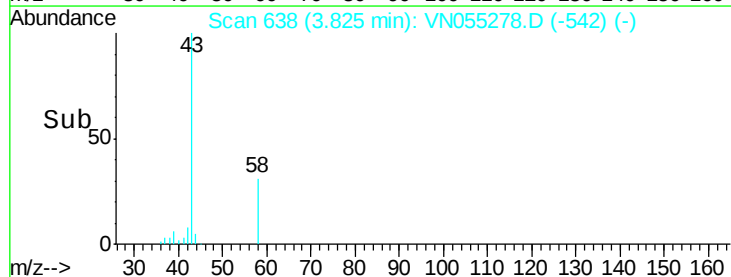
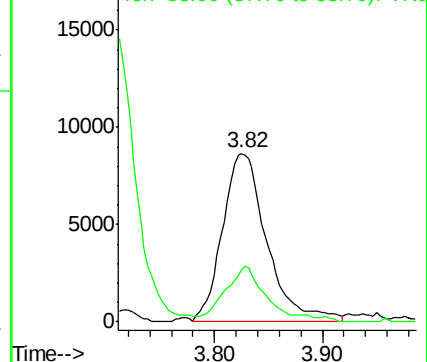
43 100

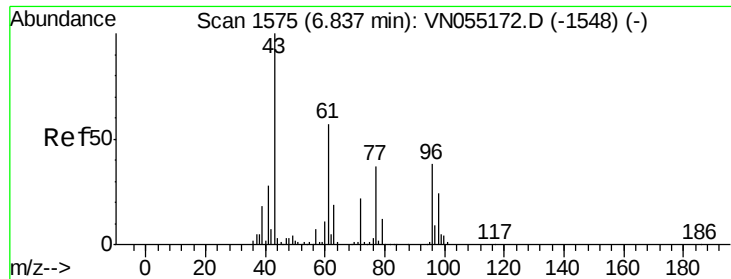
58 30.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

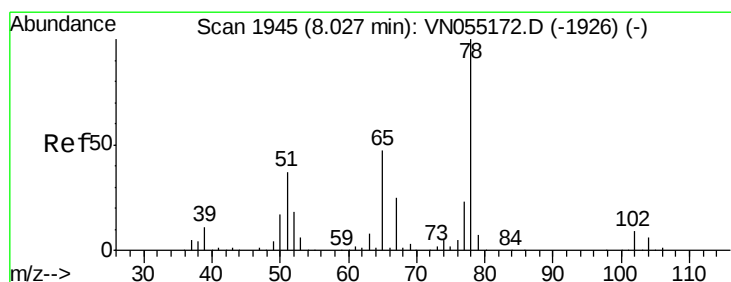
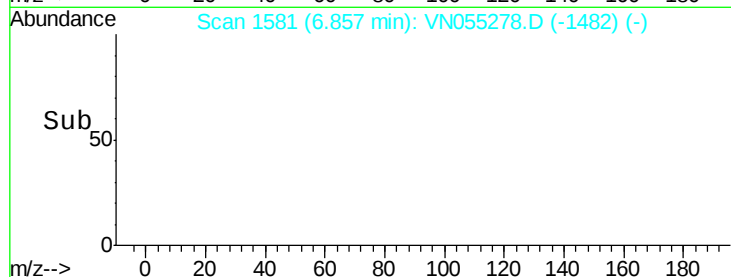
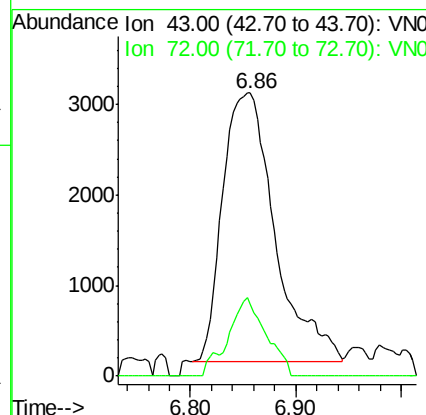
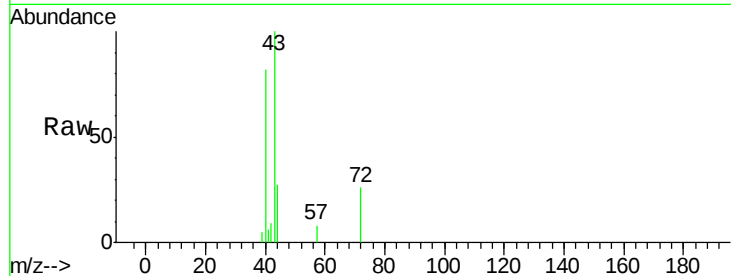




#25
2-Butanone
Concen: 4.832 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN055278.D
Acq: 26 Apr 2019 16:07

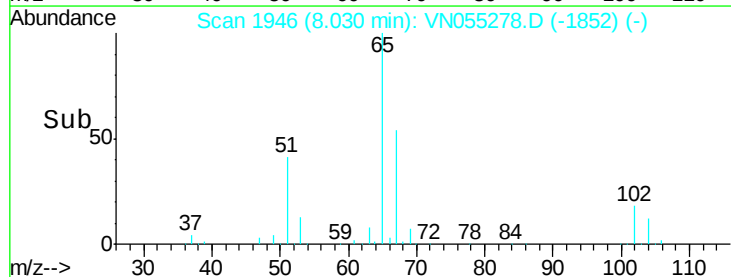
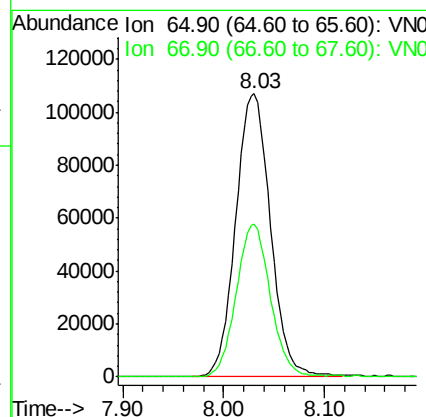
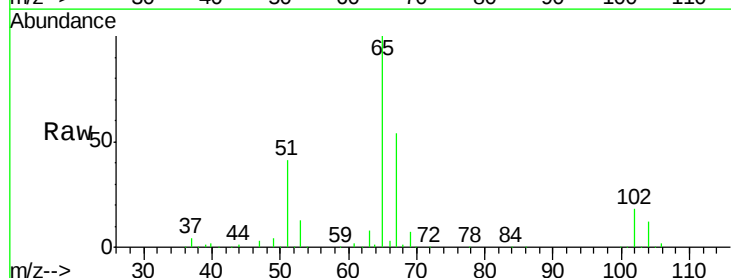
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

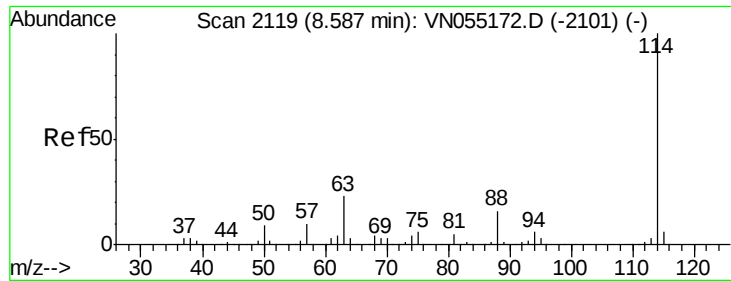
Tot Ion: 43 Resp: 10250
Ion Ratio Lower Upper
43 100
72 27.0 17.8 26.8#



#33
1,2-Dichloroethane-d4
Concen: 51.540 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055278.D
Acq: 26 Apr 2019 16:07

Tgt Ion: 65 Resp: 256195
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.6

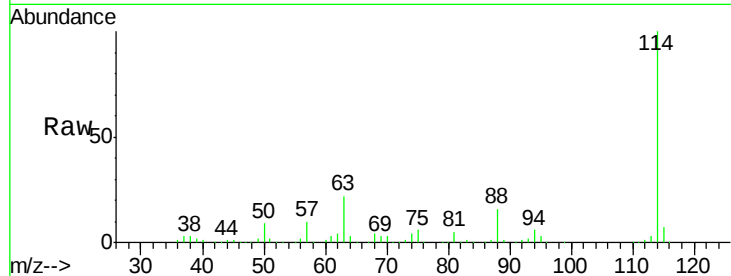




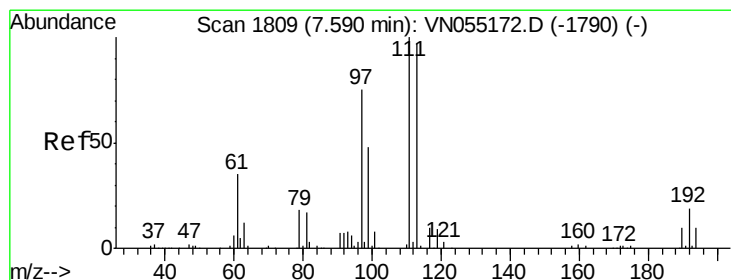
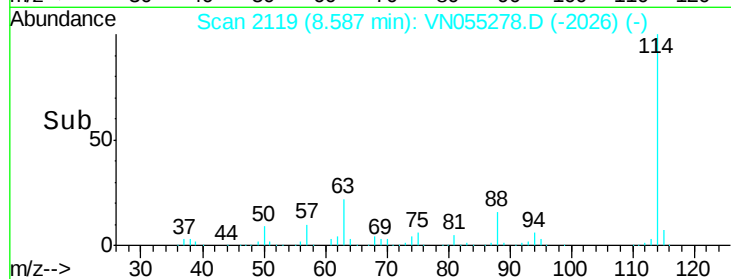
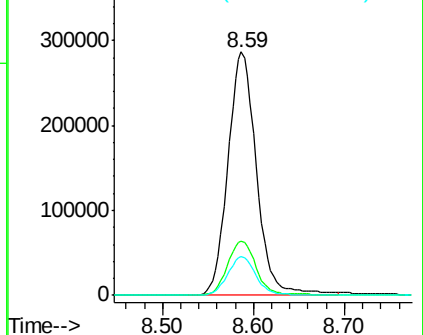
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055278.D
Acq: 26 Apr 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

Tot Ion:114 Resp: 626721
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.2
88 15.7 0.0 32.8

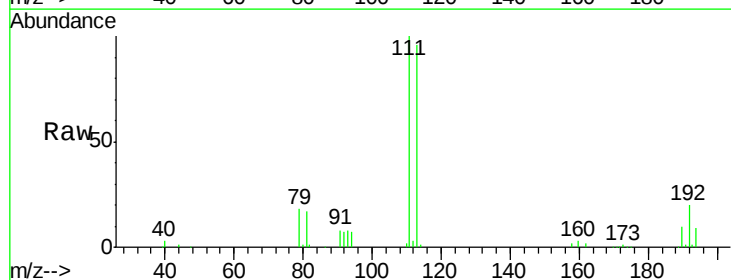


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

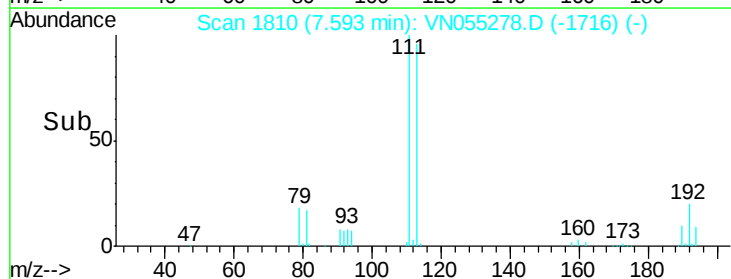
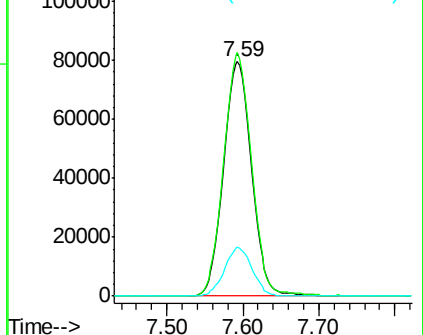


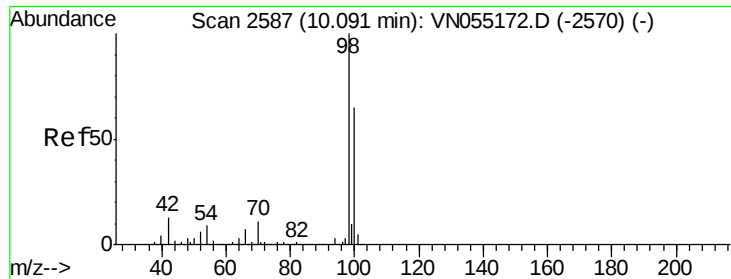
#35
Dibromofluoromethane
Concen: 48.129 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055278.D
Acq: 26 Apr 2019 16:07

Tgt Ion:113 Resp: 204916
Ion Ratio Lower Upper
113 100
111 103.3 81.0 121.4
192 20.6 16.2 24.4



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: 48.329 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055278.D

Acq: 26 Apr 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

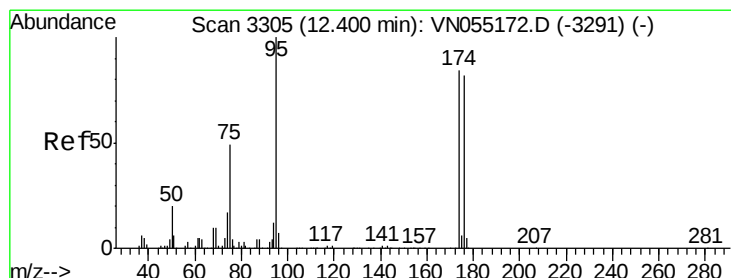
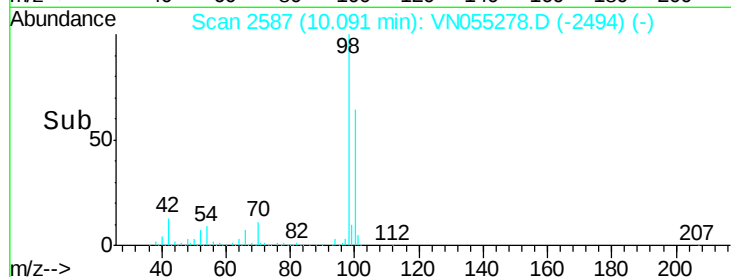
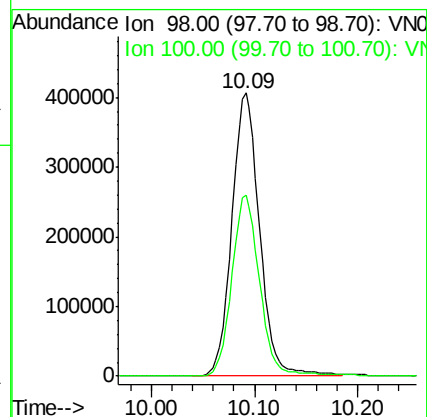
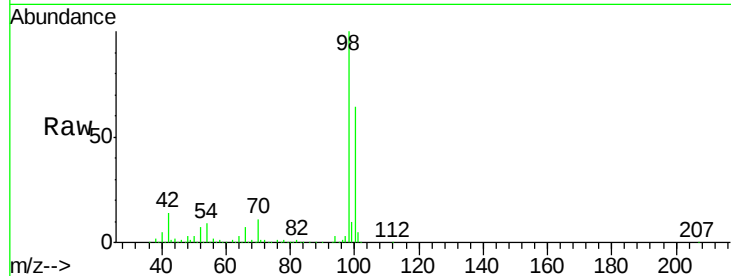
WATER-COMP

Tot Ion: 98 Resp: 762401

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 44.106 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055278.D

Acq: 26 Apr 2019 16:07

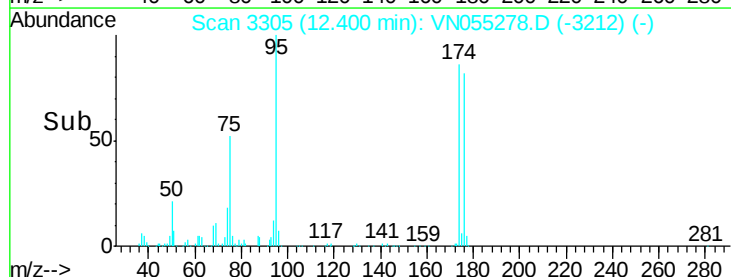
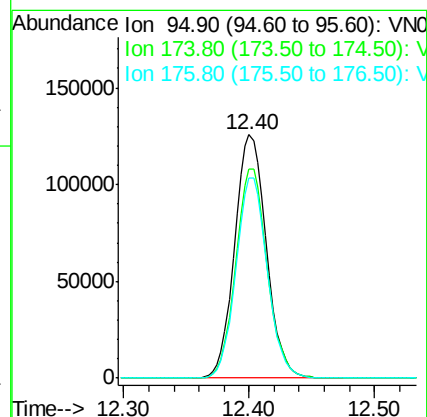
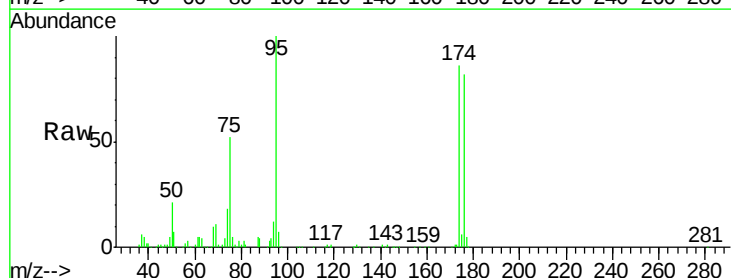
Tgt Ion: 95 Resp: 220332

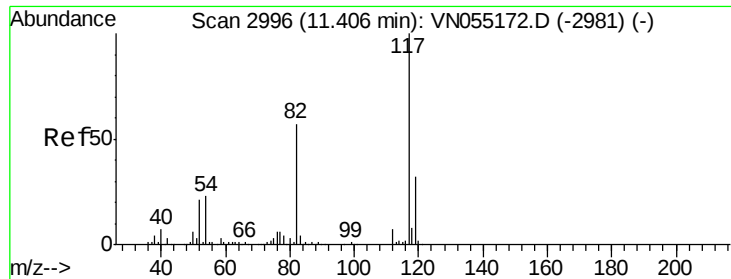
Ion Ratio Lower Upper

95 100

174 85.1 0.0 168.4

176 81.6 0.0 164.0

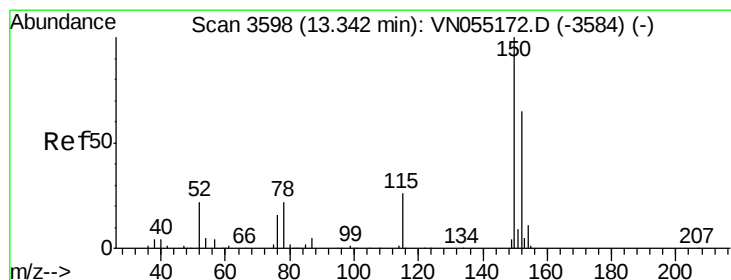
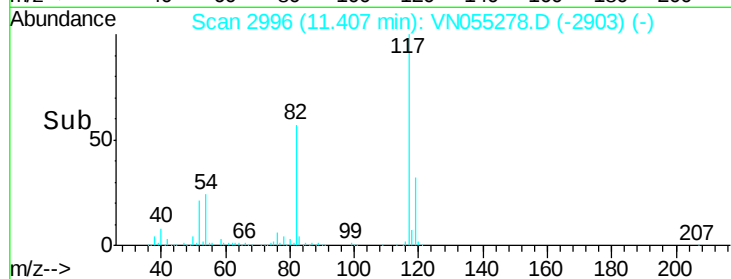
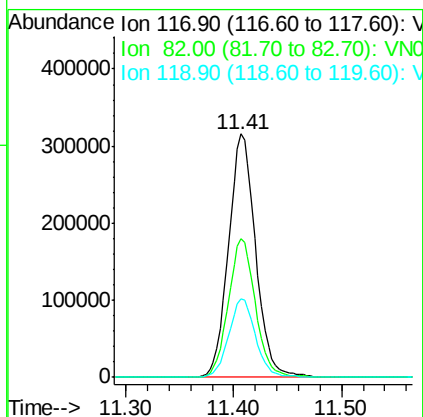
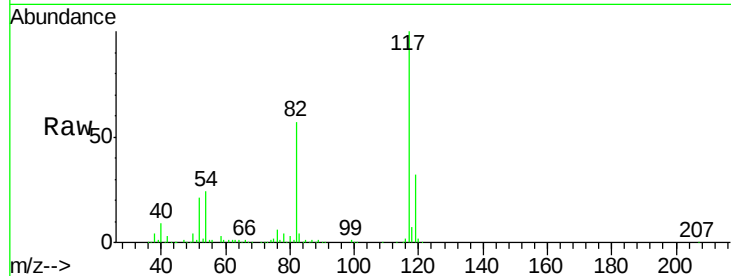




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055278.D
Acq: 26 Apr 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

Tot Ion:117 Resp: 554023
Ion Ratio Lower Upper
117 100
82 56.7 45.7 68.5
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055278.D
Acq: 26 Apr 2019 16:07

Tgt Ion:152 Resp: 142006
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 157.4 0.0 346.6

