

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008538.D
 Acq On : 06 Feb 2019 19:55
 Operator : SY/VA
 Sample : K1389-07
 Misc : 5.97G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-6

Quant Time: Feb 07 03:42:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

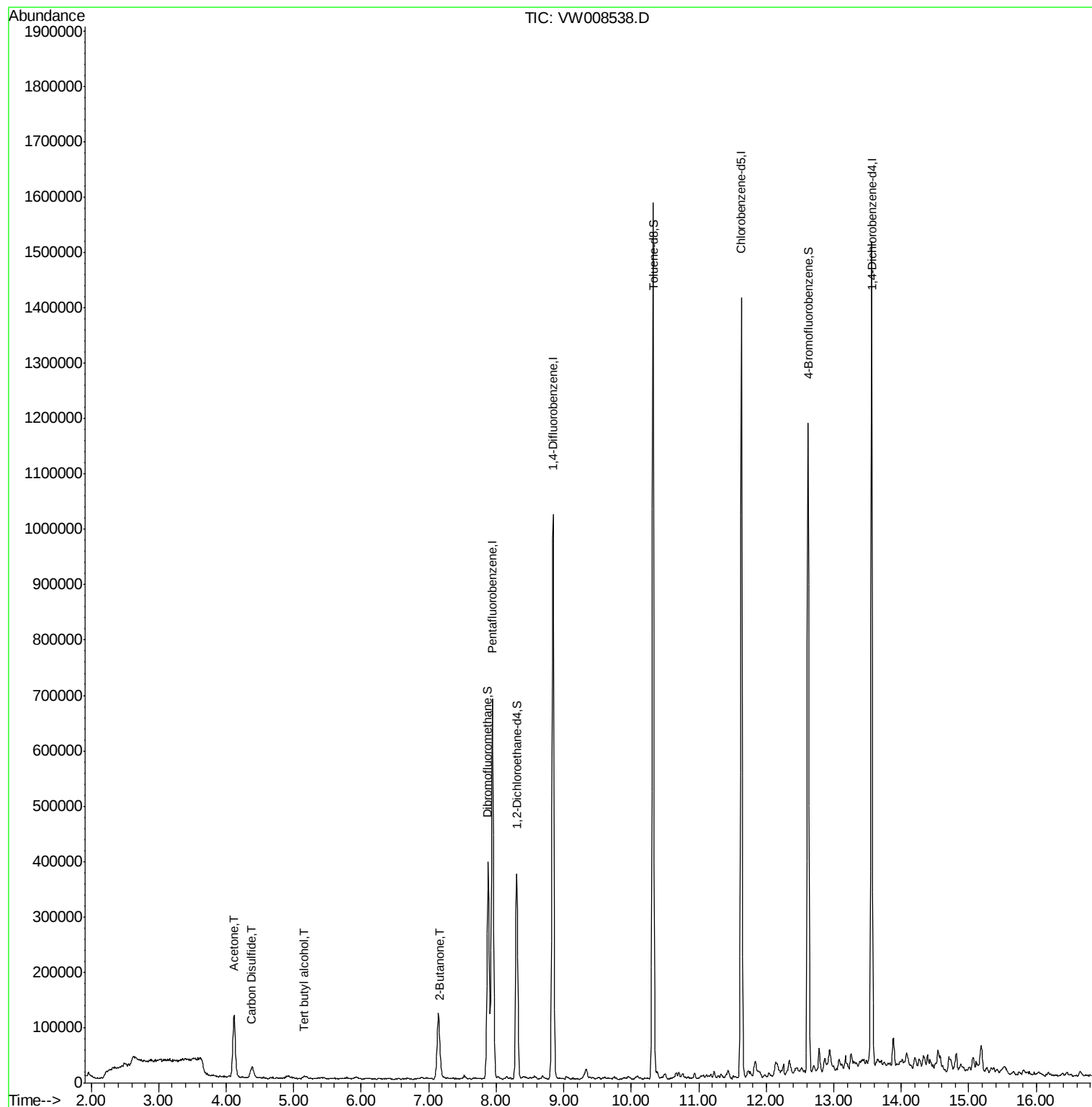
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	534245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	861613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	784529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	380710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	286068	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
35) Dibromofluoromethane	7.88	113	269047	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
50) Toluene-d8	10.32	98	1022874	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.62	95	386631	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
Target Compounds						
11) Tert butyl alcohol	5.16	59	8536	20.201	ug/l	98
16) Acetone	4.12	43	193130	163.861	ug/l	97
17) Carbon Disulfide	4.37	76	27825	1.782	ug/l	95
25) 2-Butanone	7.17	43	17411	10.635	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008538.D

Acq: 06 Feb 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

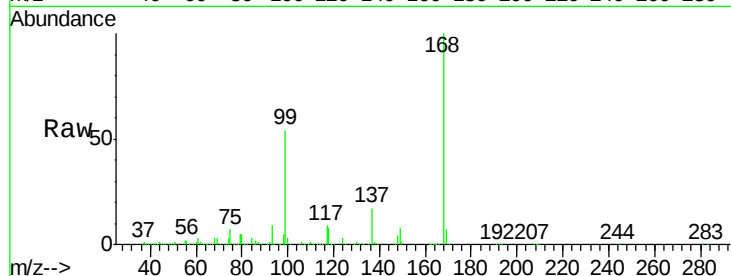
M-6

Tot Ion:168 Resp: 534245

Ion Ratio Lower Upper

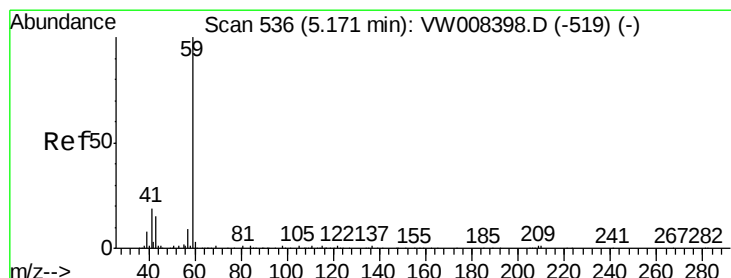
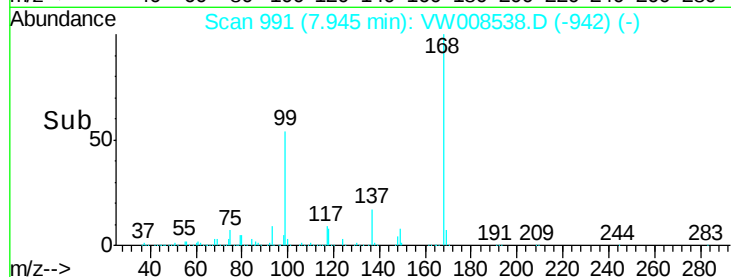
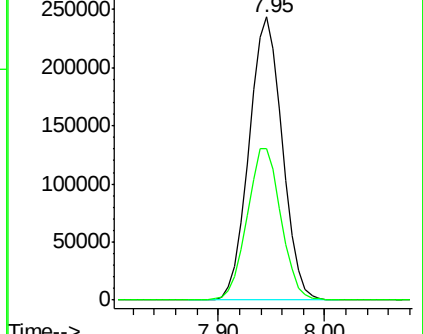
168 100

99 53.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 20.201 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW008538.D

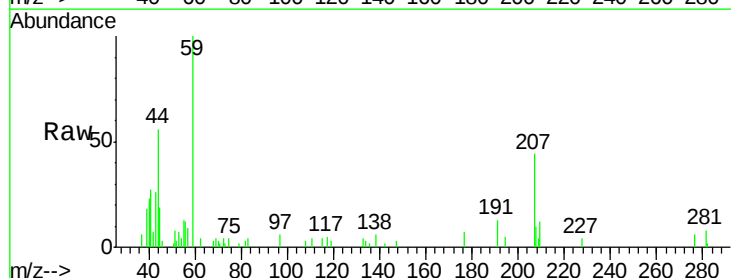
Acq: 06 Feb 2019 19:55

Tgt Ion: 59 Resp: 8536

Ion Ratio Lower Upper

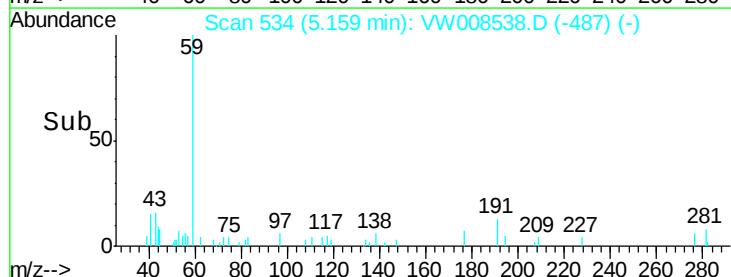
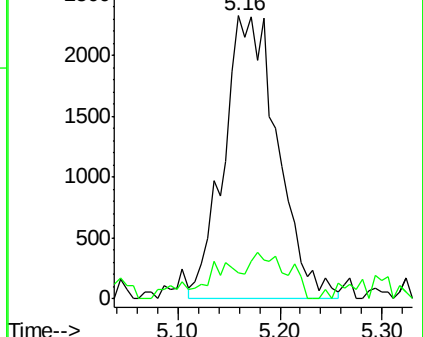
59 100

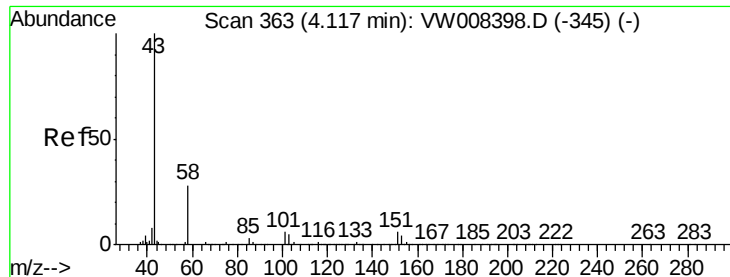
57 10.9 9.3 13.9



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

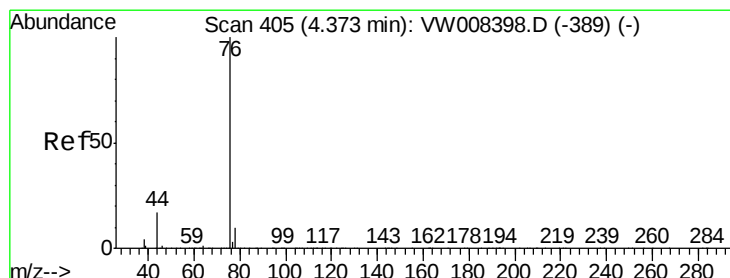
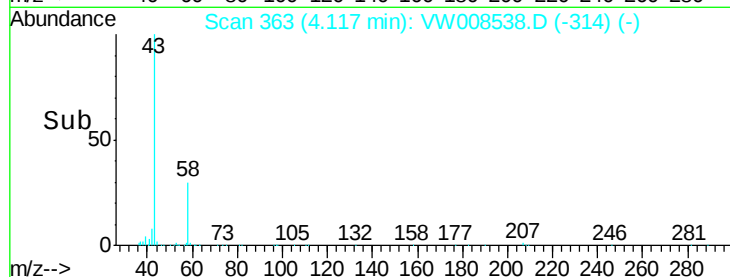
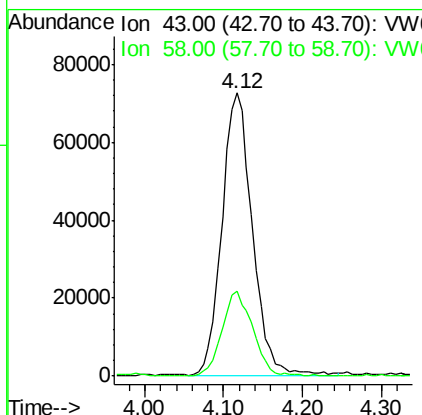
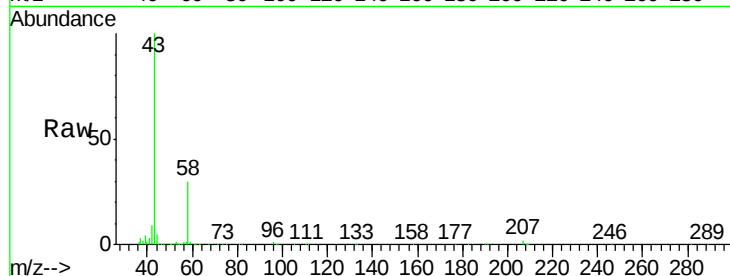




#16
Acetone
Concen: 163.861 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008538.D
Acq: 06 Feb 2019 19:55

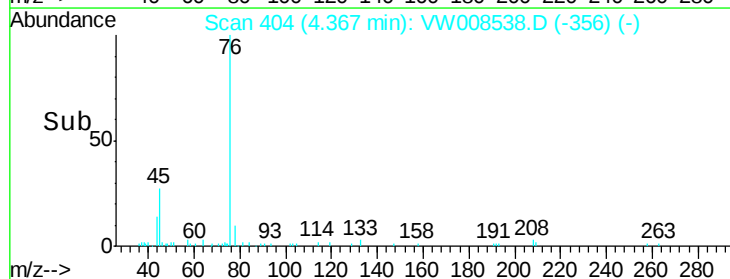
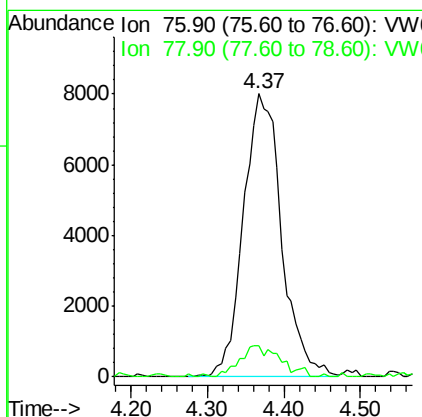
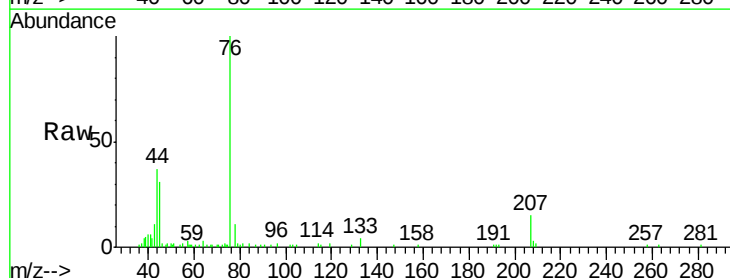
Instrument :
MSVOA_W
ClientSampleId :
M-6

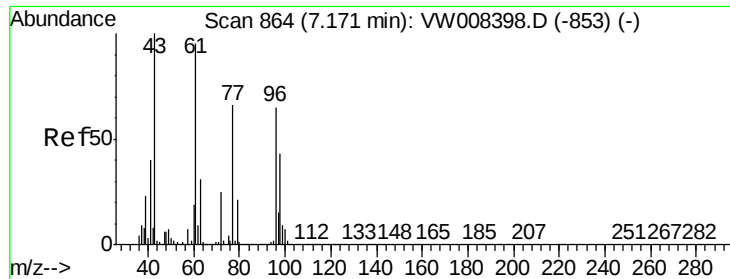
Tot Ion: 43 Resp: 193130
Ion Ratio Lower Upper
43 100
58 29.7 22.6 34.0



#17
Carbon Disulfide
Concen: 1.782 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008538.D
Acq: 06 Feb 2019 19:55

Tgt Ion: 76 Resp: 27825
Ion Ratio Lower Upper
76 100
78 11.3 7.7 11.5

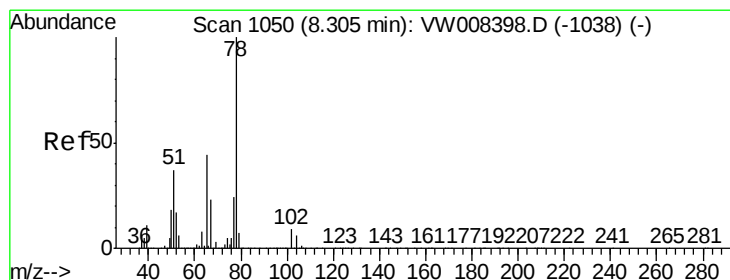
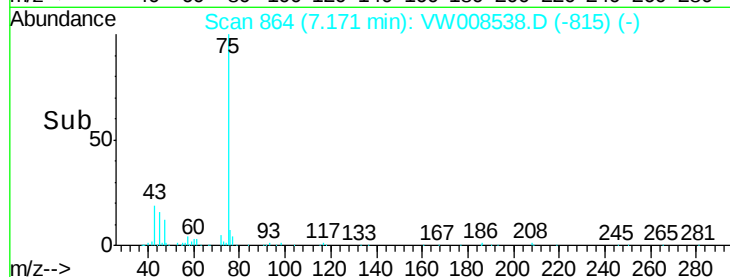
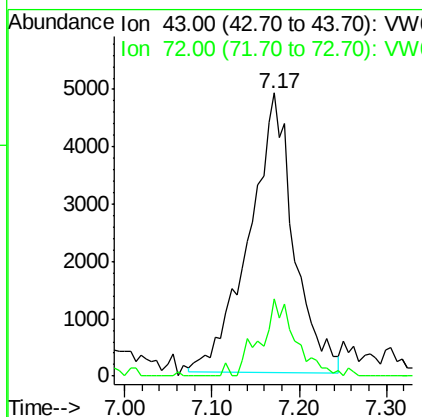
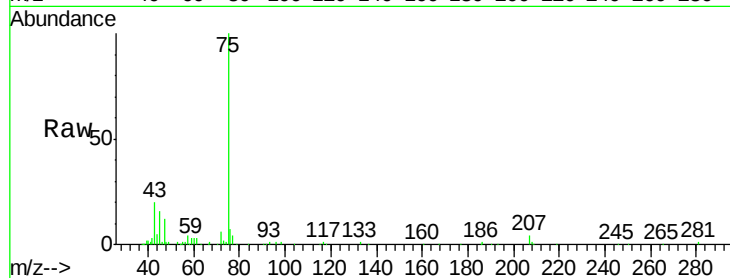




#25
2-Butanone
Concen: 10.635 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008538.D
Acq: 06 Feb 2019 19:55

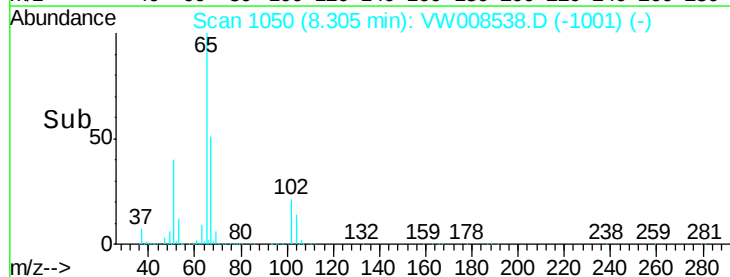
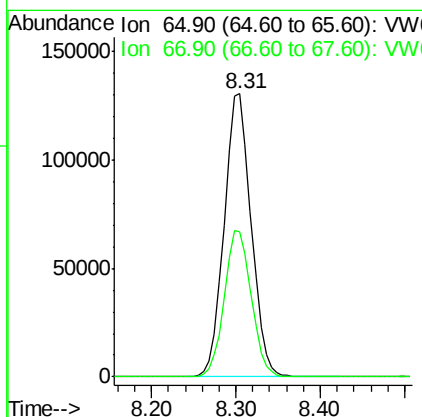
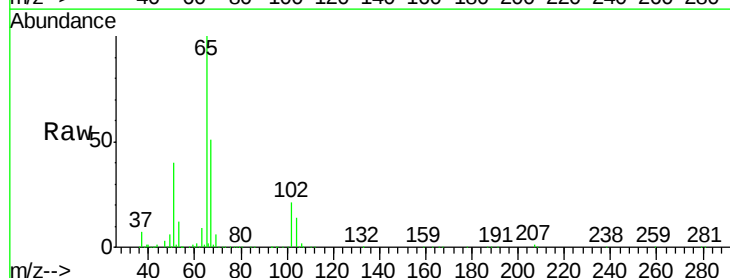
Instrument :
MSVOA_W
ClientSampled :
M-6

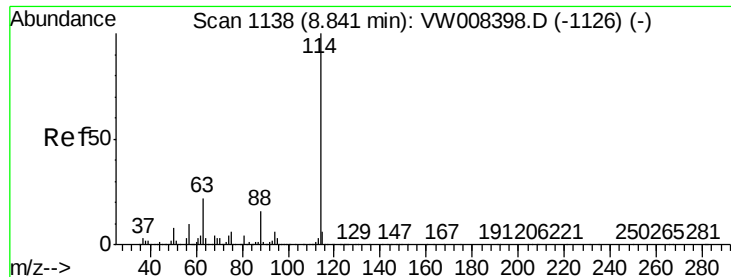
Tot Ion: 43 Resp: 17411
Ion Ratio Lower Upper
43 100
72 28.0 20.1 30.1



#33
1,2-Dichloroethane-d4
Concen: 54.505 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008538.D
Acq: 06 Feb 2019 19:55

Tgt Ion: 65 Resp: 286068
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008538.D

Acq: 06 Feb 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

M-6

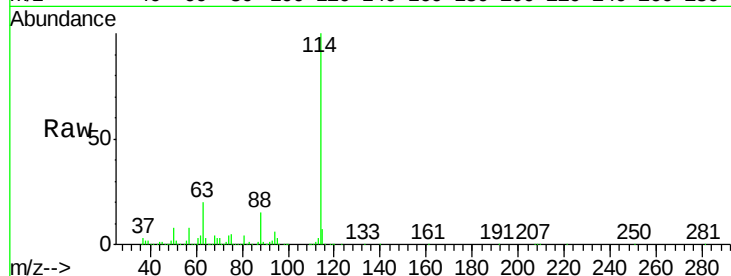
Tot Ion:114 Resp: 861613

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.6

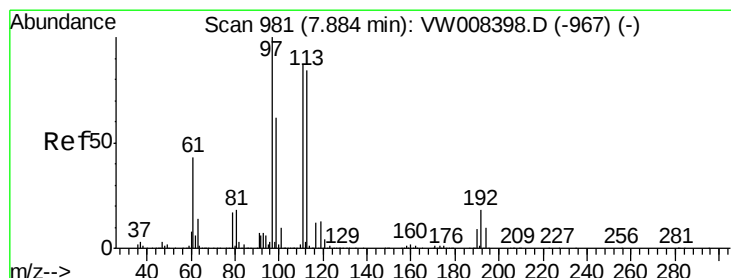
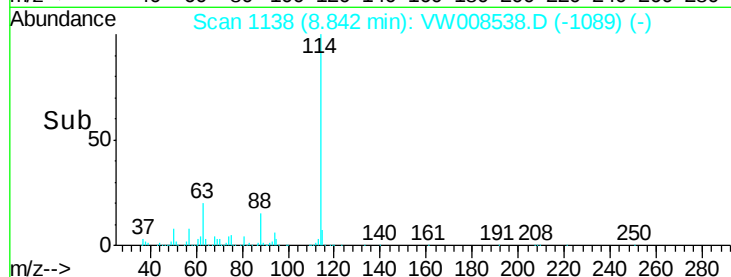
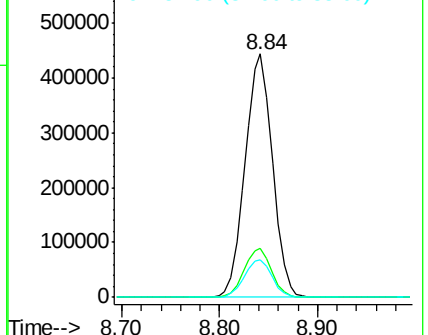
88 15.5 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 53.402 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008538.D

Acq: 06 Feb 2019 19:55

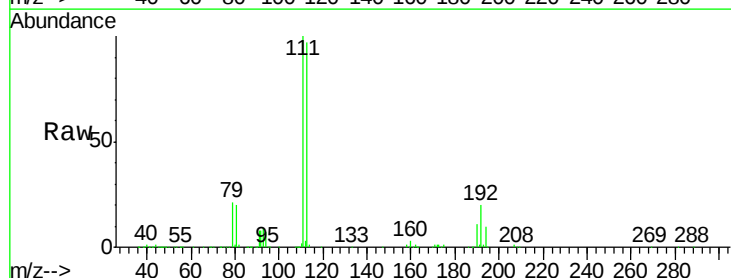
Tgt Ion:113 Resp: 269047

Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.4

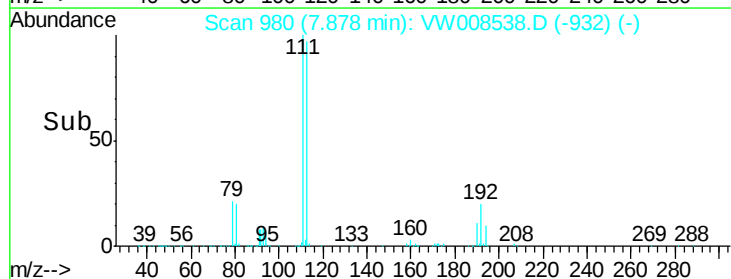
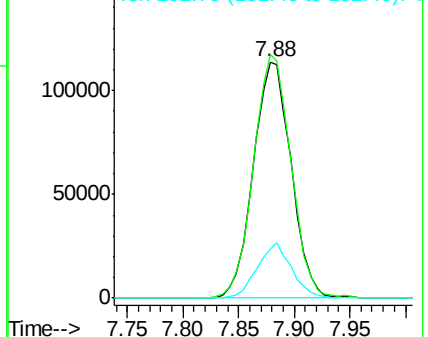
192 21.5 16.8 25.2

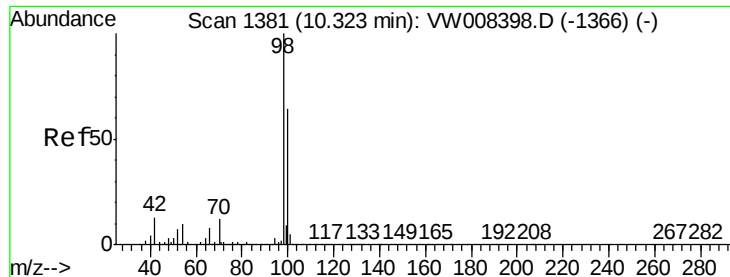


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.629 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008538.D

Acq: 06 Feb 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

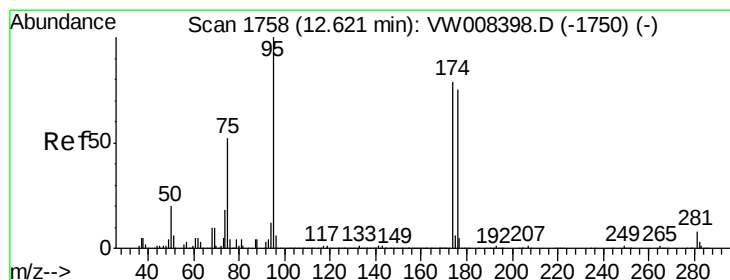
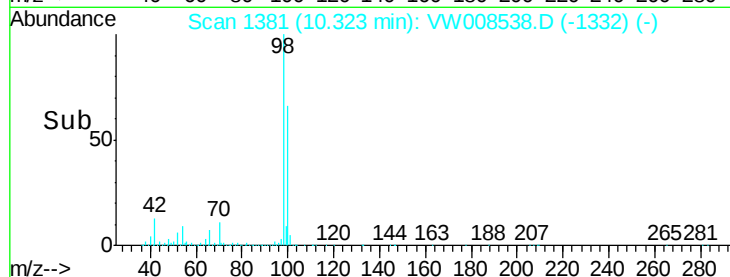
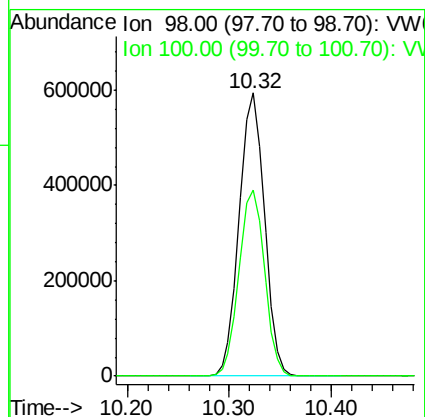
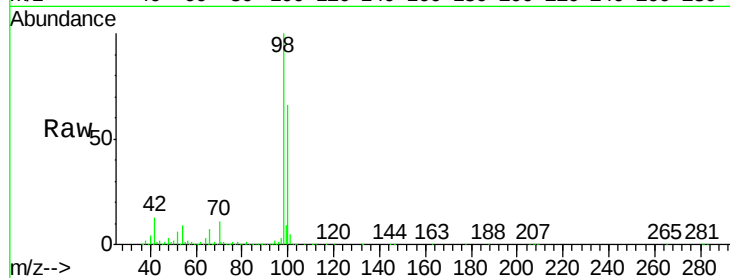
M-6

Tot Ion: 98 Resp: 1022874

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 49.787 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008538.D

Acq: 06 Feb 2019 19:55

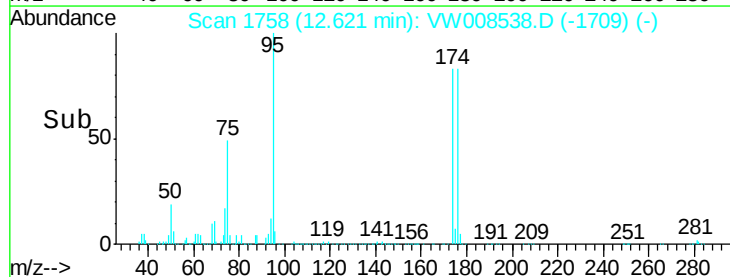
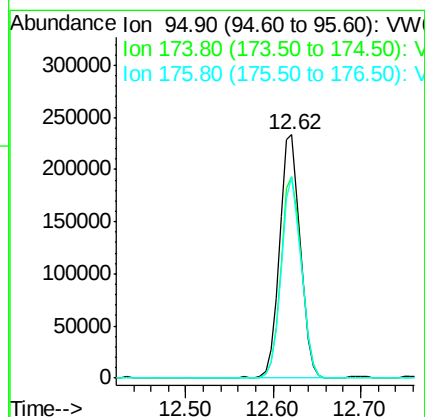
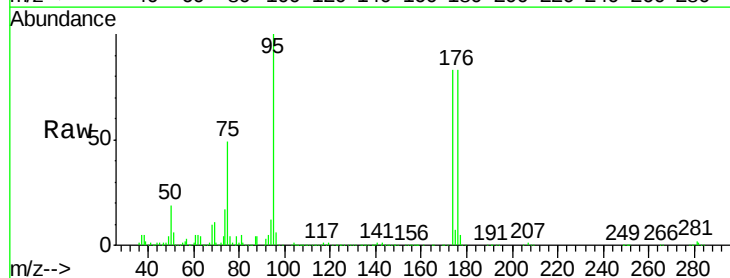
Tgt Ion: 95 Resp: 386631

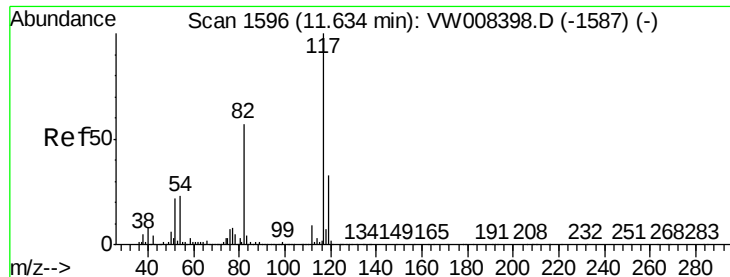
Ion Ratio Lower Upper

95 100

174 81.8 0.0 157.6

176 79.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008538.D

Acq: 06 Feb 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

M-6

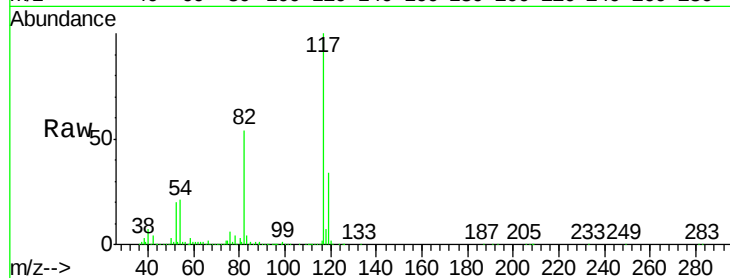
Tot Ion:117 Resp: 784529

Ion Ratio Lower Upper

117 100

82 53.9 45.4 68.0

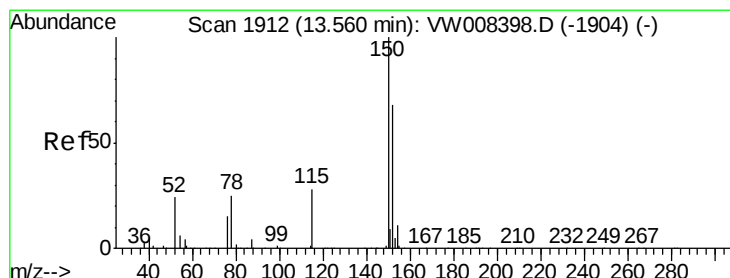
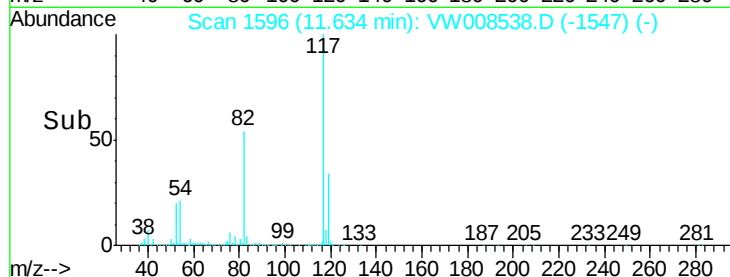
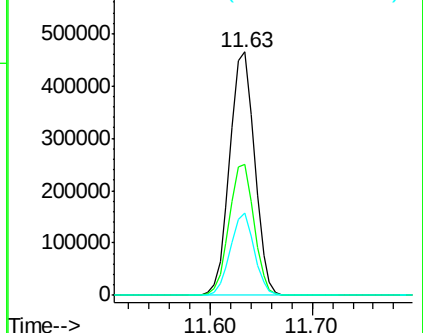
119 33.6 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008538.D

Acq: 06 Feb 2019 19:55

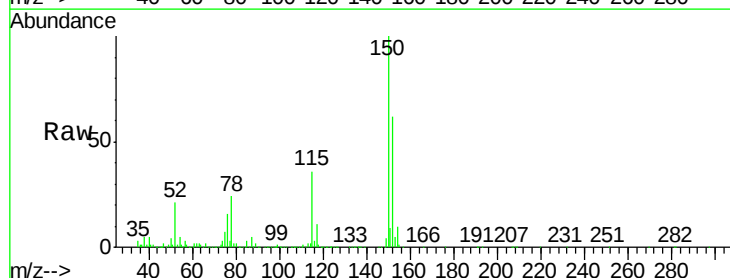
Tgt Ion:152 Resp: 380710

Ion Ratio Lower Upper

152 100

115 57.6 29.9 89.7

150 158.1 0.0 351.4



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

