

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011068.D
 Acq On : 28 Jun 2019 18:15
 Operator : SY/VA
 Sample : K3554-05
 Misc : 6.08G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-15

Quant Time: Jun 29 03:40:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

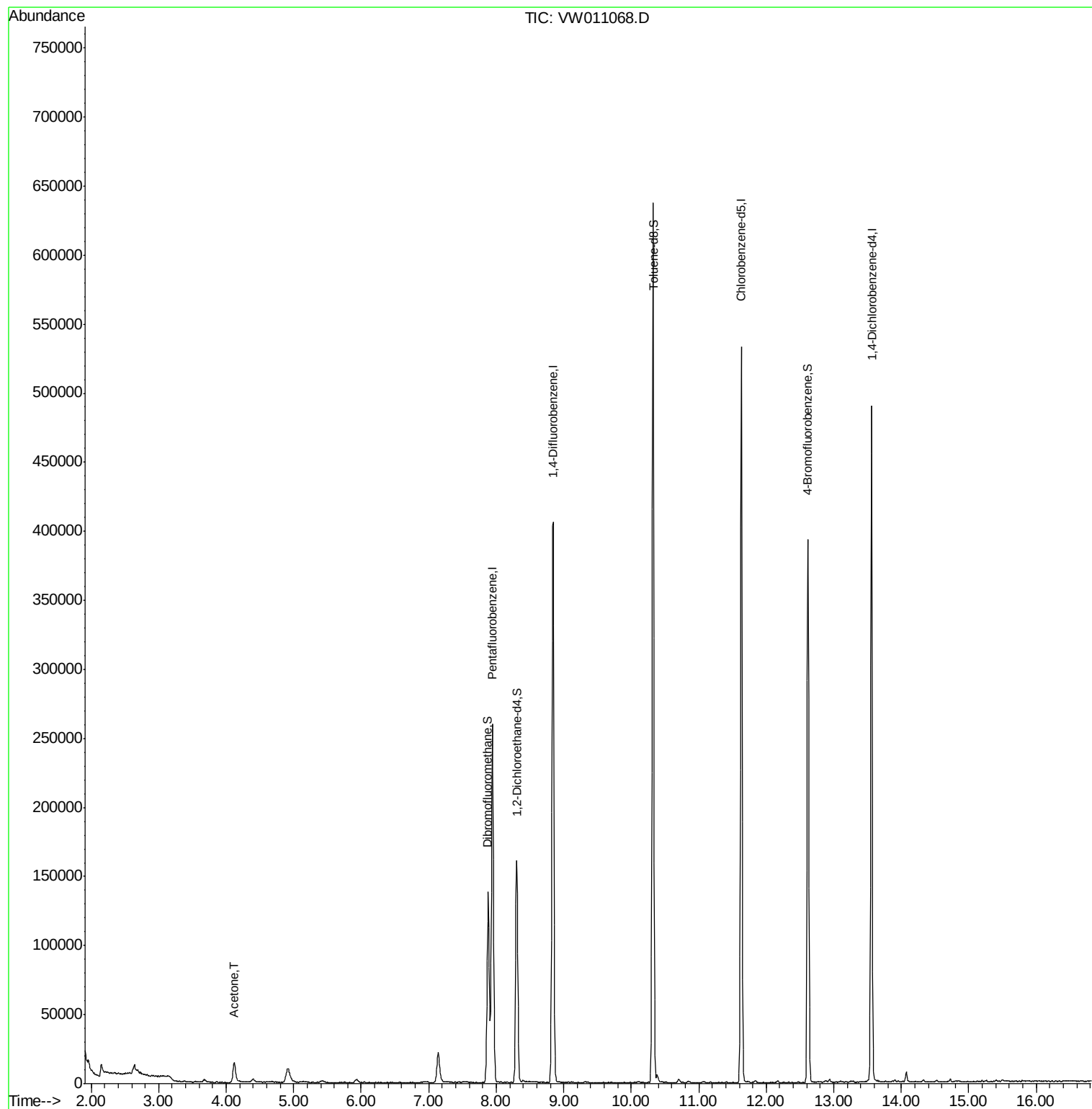
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	127219	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
35) Dibromofluoromethane	7.88	113	95624	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	10.32	98	399262	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.62	95	129195	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
Target Compounds						
16) Acetone	4.12	43	28137	47.878	ug/l	Qvalue 96

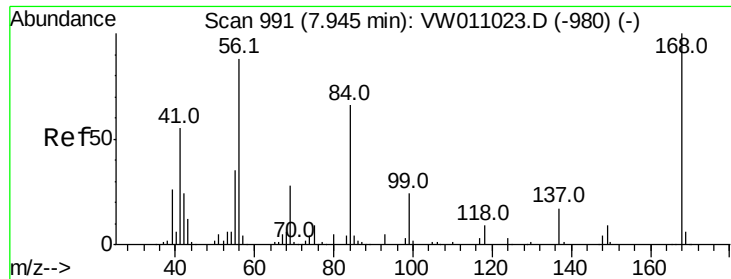
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062919\
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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: VW011068.D

Acq: 28 Jun 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

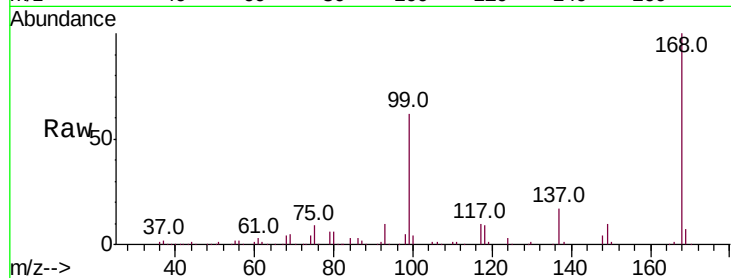
SAMPLE-15

Tot Ion:168 Resp: 184171

Ion Ratio Lower Upper

168 100

99 61.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

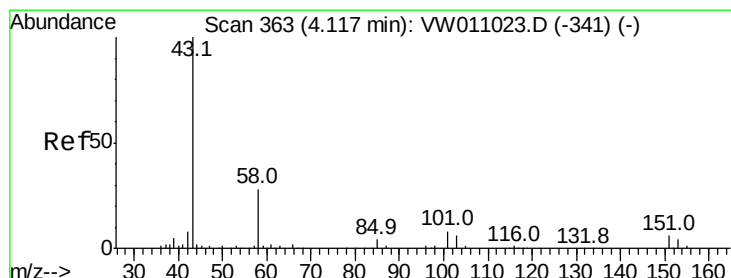
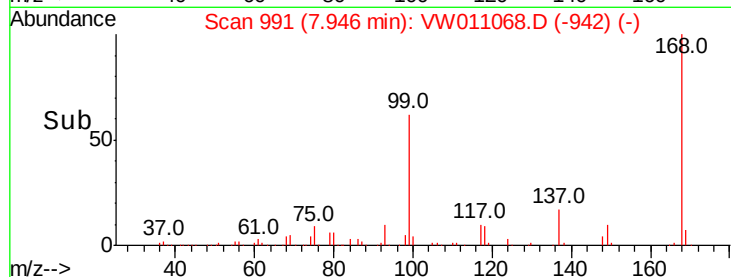
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 47.878 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011068.D

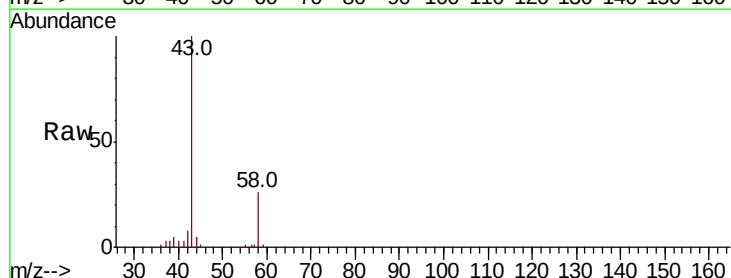
Acq: 28 Jun 2019 18:15

Tgt Ion: 43 Resp: 28137

Ion Ratio Lower Upper

43 100

58 25.9 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

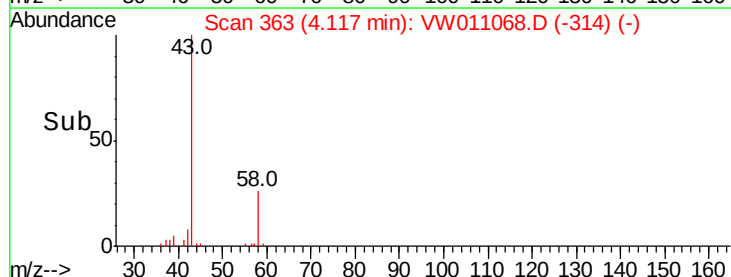
6000

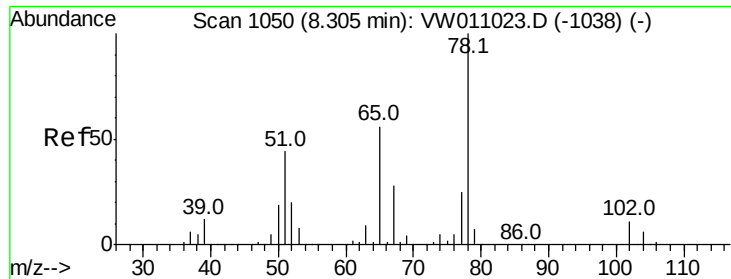
4000

2000

0

Time--> 4.00 4.10 4.20

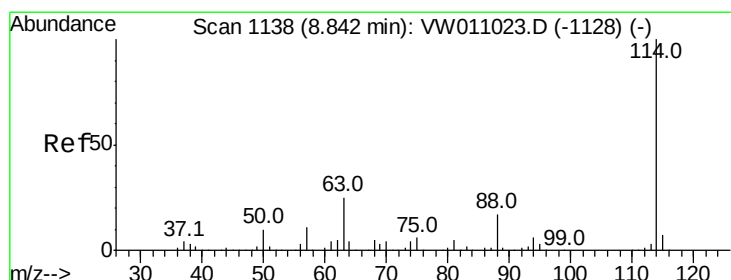
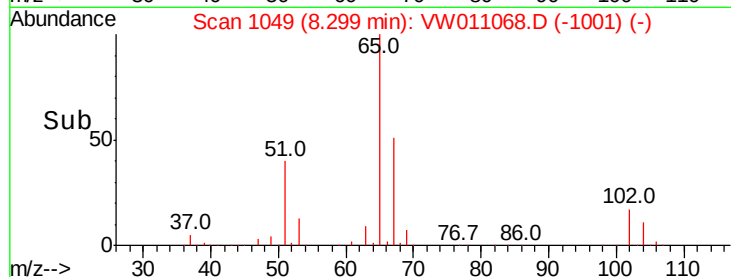
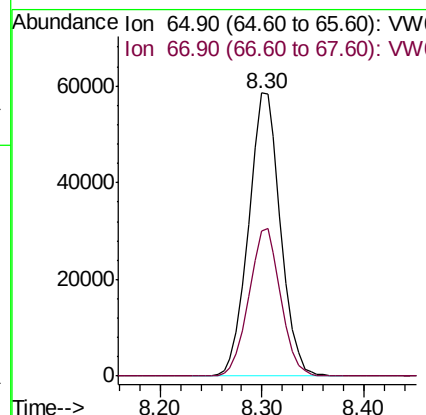
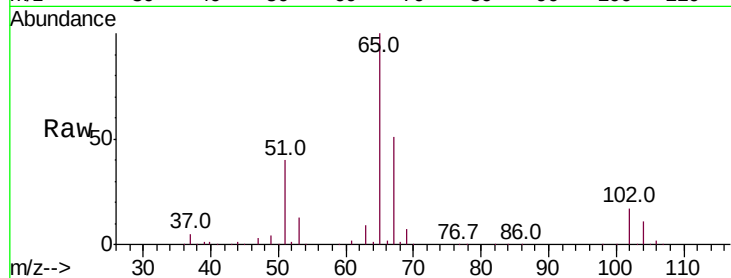




#33
 1,2-Dichloroethane-d4
 Concen: 52.840 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011068.D
 Acq: 28 Jun 2019 18:15

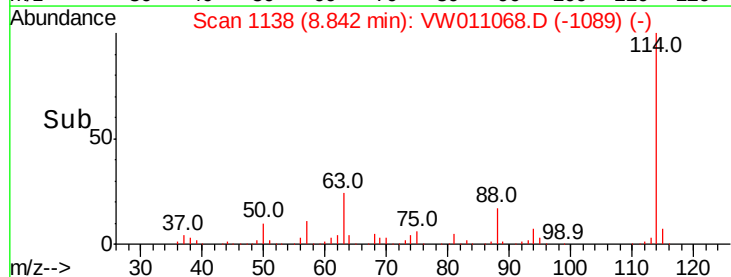
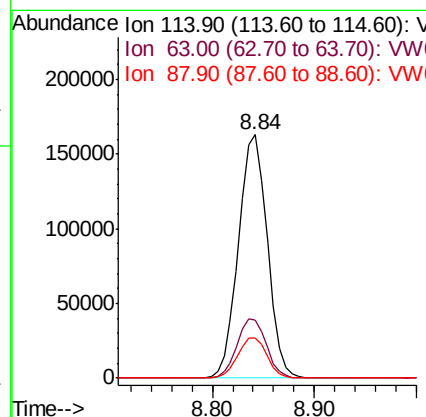
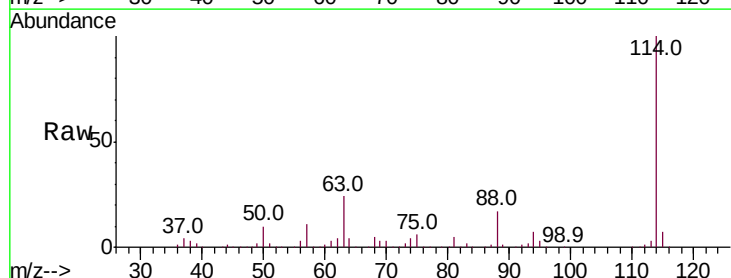
Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-15

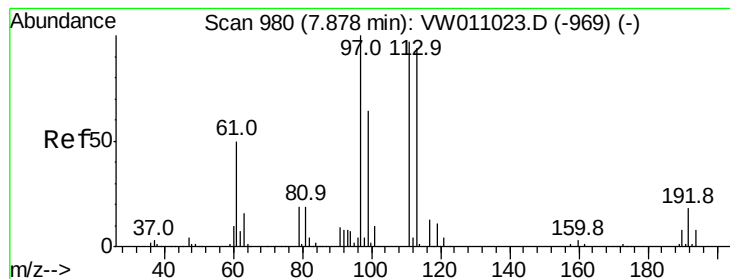
Tot Ion: 65 Resp: 127219
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011068.D
 Acq: 28 Jun 2019 18:15

Tgt Ion: 114 Resp: 318854
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 50.6
 88 16.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.112 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW011068.D

Acq: 28 Jun 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SAMPLE-15

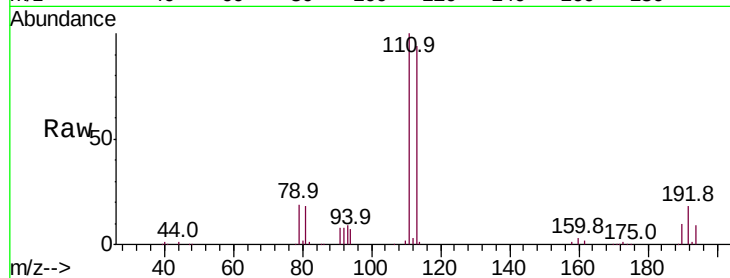
Tot Ion:113 Resp: 95624

Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

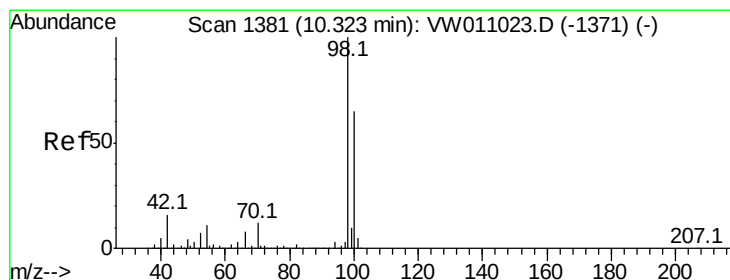
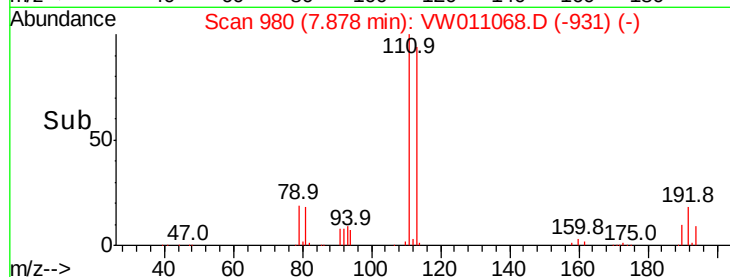
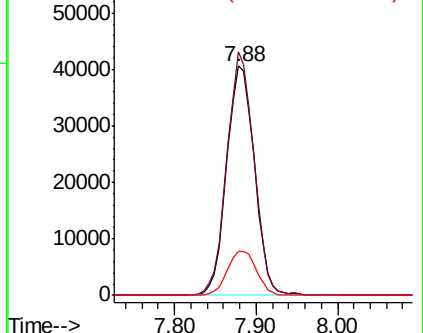
192 20.0 16.0 24.0



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: 49.817 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011068.D

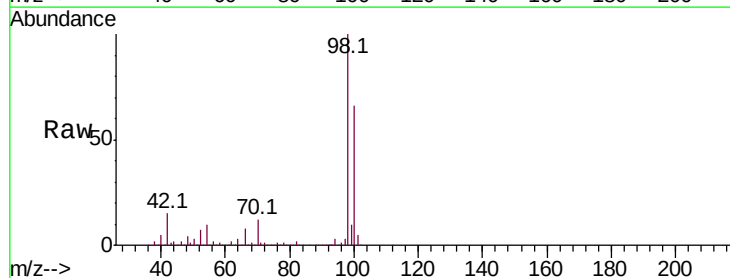
Acq: 28 Jun 2019 18:15

Tgt Ion: 98 Resp: 399262

Ion Ratio Lower Upper

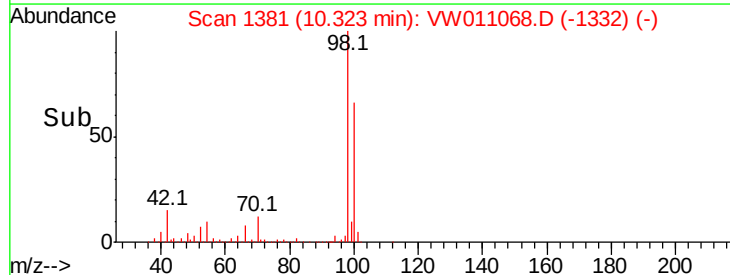
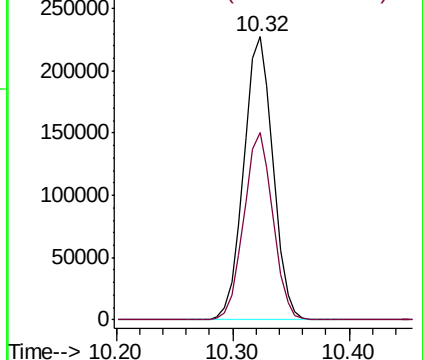
98 100

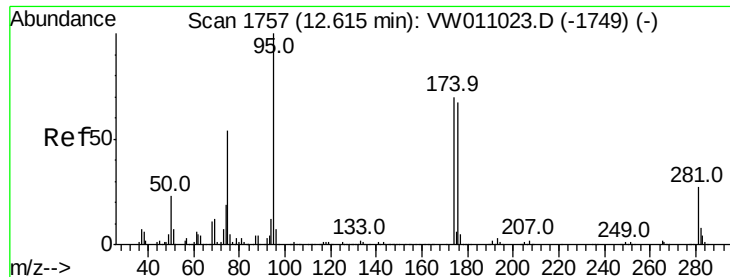
100 65.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 44.074 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011068.D

Acq: 28 Jun 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SAMPLE-15

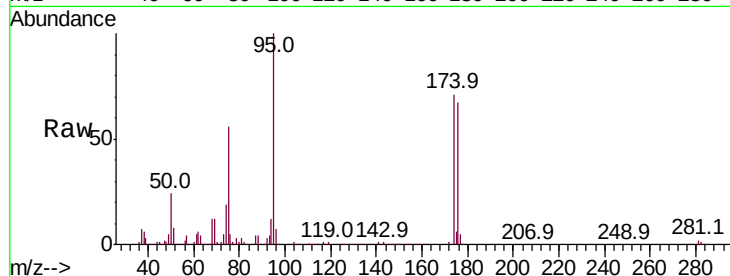
Tot Ion: 95 Resp: 129195

Ion Ratio Lower Upper

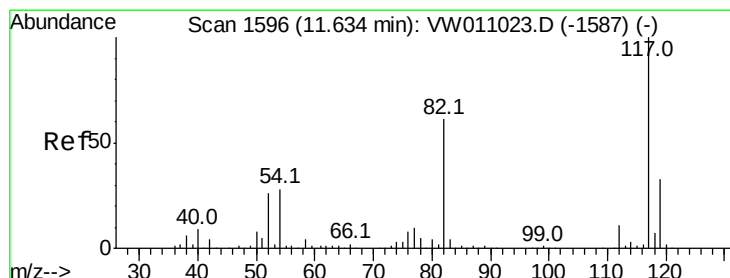
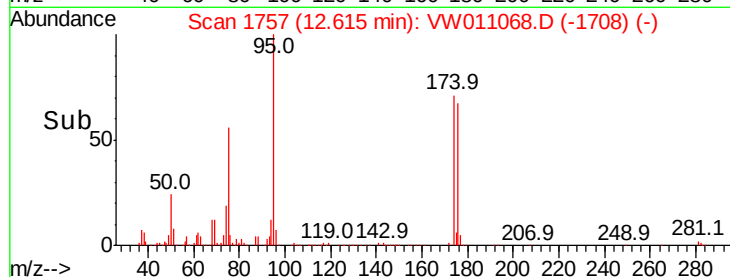
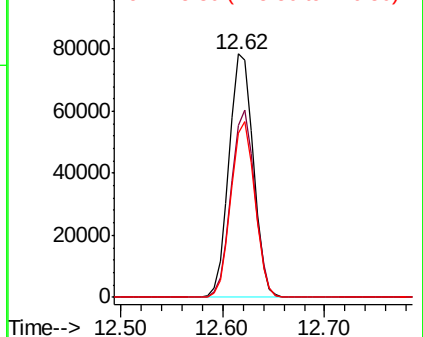
95 100

174 75.1 0.0 149.2

176 71.0 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW011068.D

Acq: 28 Jun 2019 18:15

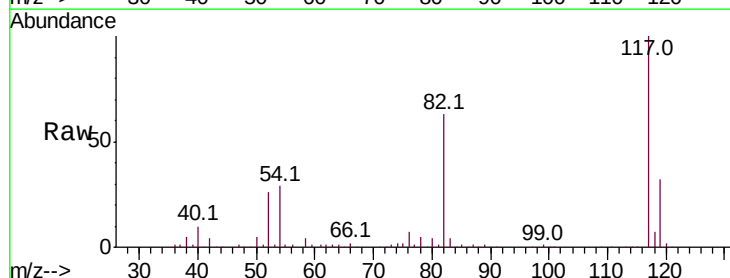
Tgt Ion: 117 Resp: 270009

Ion Ratio Lower Upper

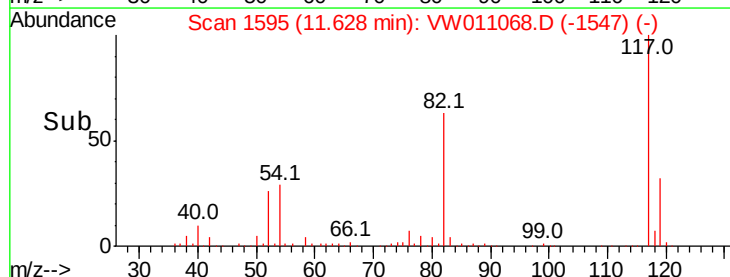
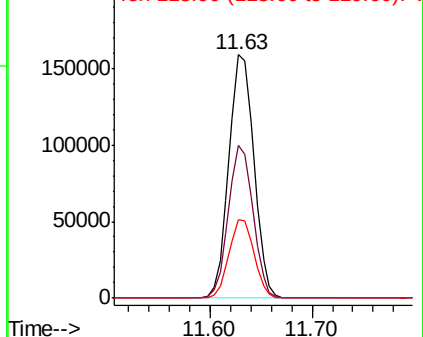
117 100

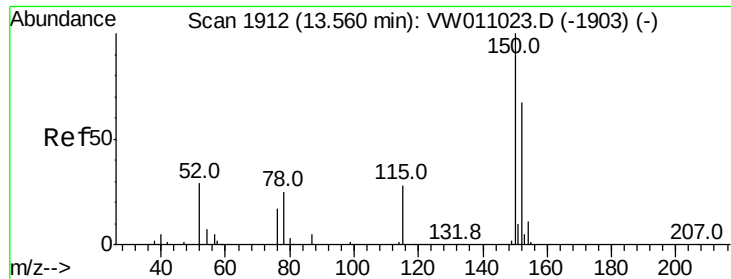
82 62.5 48.6 73.0

119 32.5 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011068.D

Acq: 28 Jun 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SAMPLE-15

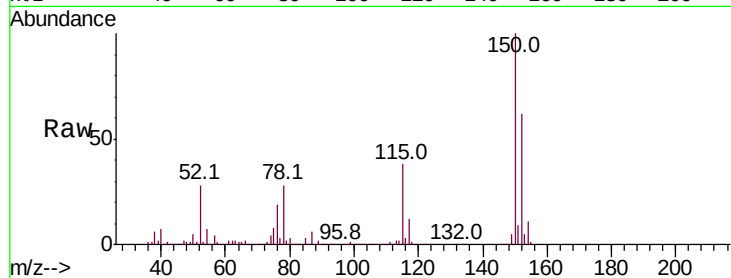
Tot Ion:152 Resp: 115685

Ion Ratio Lower Upper

152 100

115 61.8 30.7 92.1

150 157.7 0.0 341.8



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

