

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW021519\
 Data File : VW008697.D
 Acq On : 15 Feb 2019 20:53
 Operator : SY/VA
 Sample : K1515-08
 Misc : 6.32G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-8

Quant Time: Feb 22 04:22:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

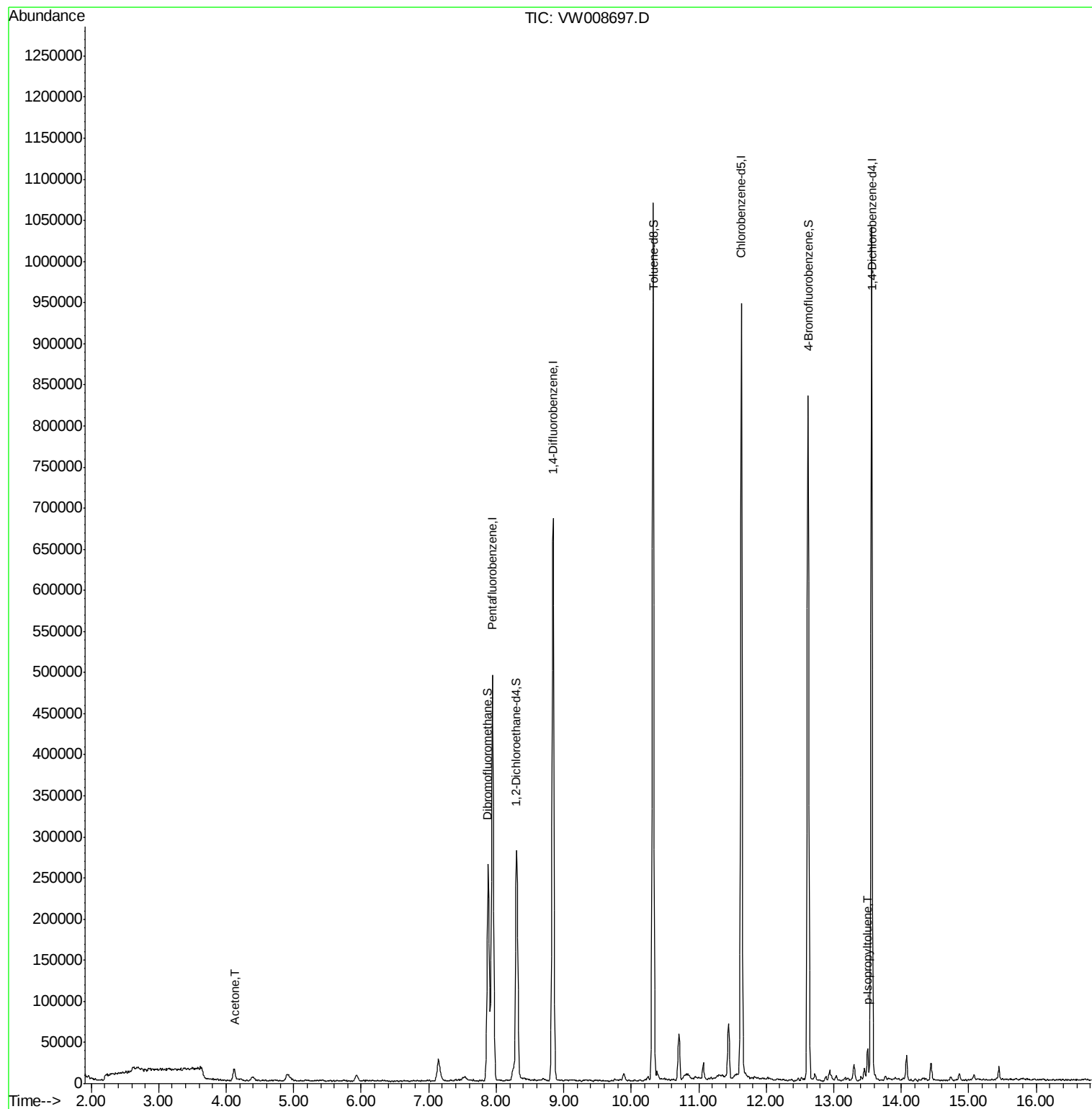
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	373445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	573144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	513075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	259778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	219387	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.02%	
35) Dibromofluoromethane	7.88	113	183319	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
50) Toluene-d8	10.32	98	683213	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.62	95	248253	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
Target Compounds						
16) Acetone	4.12	43	23645	26.763	ug/l	93
86) p-Isopropyltoluene	13.50	119	20449	1.125	ug/l	97

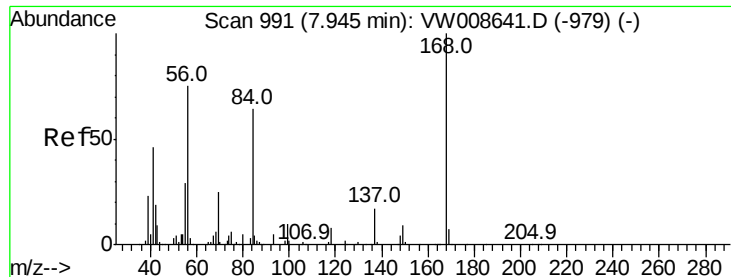
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008697.D

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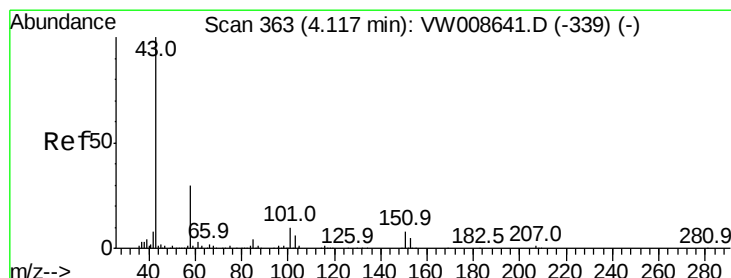
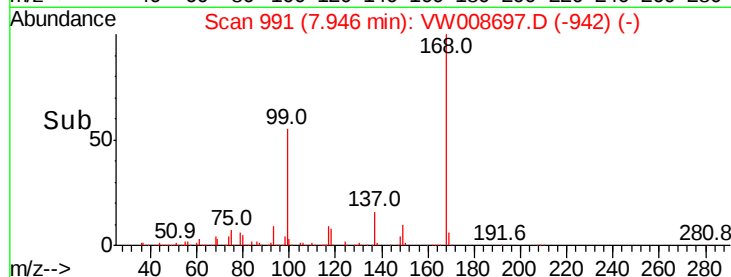
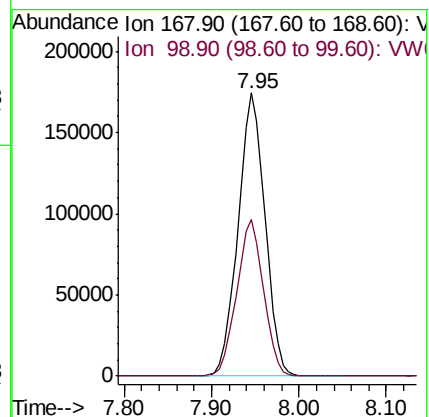
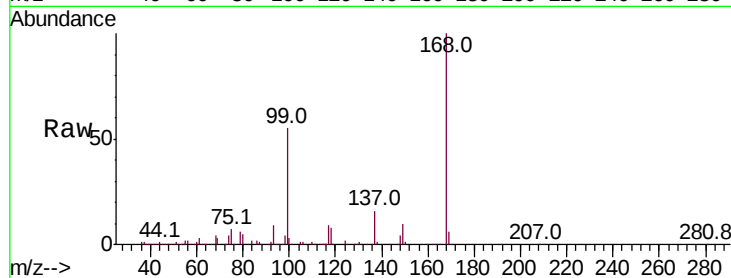
Instrument :
MSVOA_W
ClientSampled :
TS-8

Tot Ion:168 Resp: 373445

Ion Ratio Lower Upper

168 100

99 55.4 42.8 64.2



#16

Acetone

Concen: 26.763 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008697.D

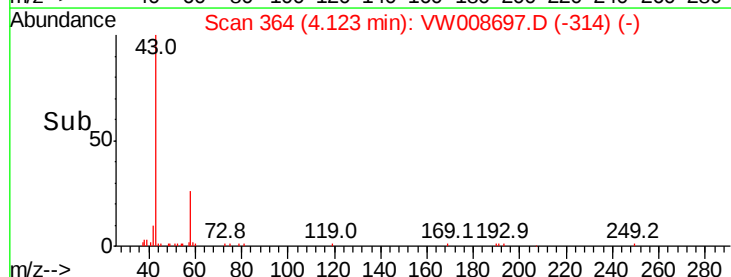
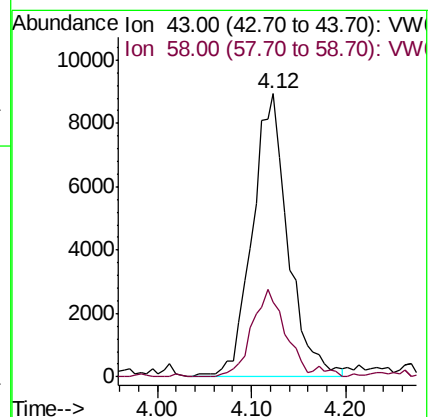
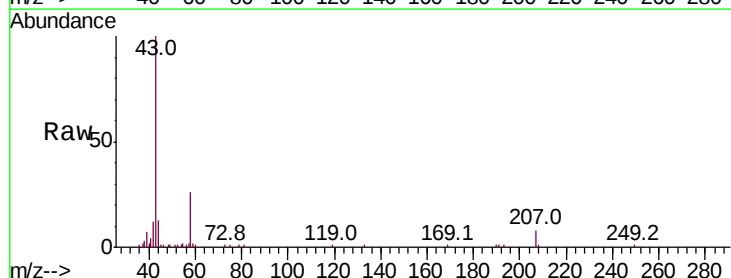
Acq: 15 Feb 2019 20:53

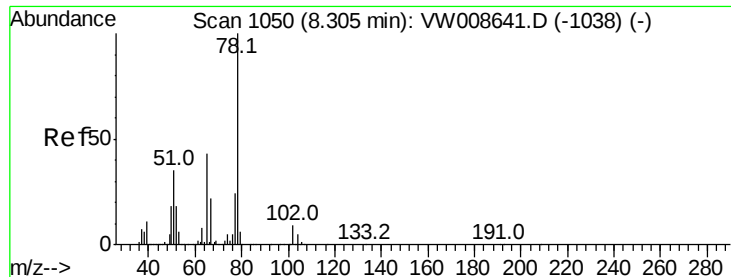
Tgt Ion: 43 Resp: 23645

Ion Ratio Lower Upper

43 100

58 26.3 24.1 36.1





#33

1,2-Dichloroethane-d4

Concen: 56.507 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008697.D

Acq: 15 Feb 2019 20:53

Instrument :

MSVOA_W

ClientSampled :

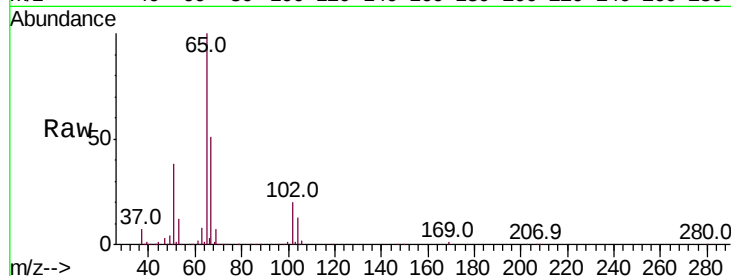
TS-8

Tot Ion: 65 Resp: 219387

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

100000

80000

60000

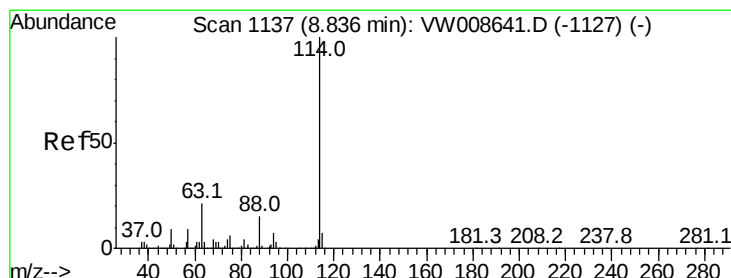
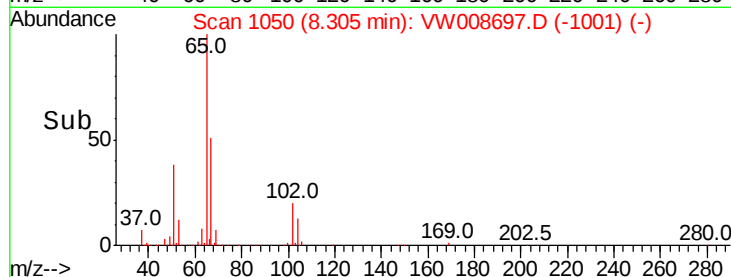
40000

20000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008697.D

Acq: 15 Feb 2019 20:53

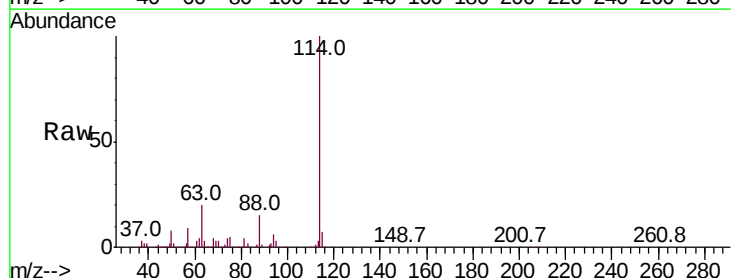
Tgt Ion: 114 Resp: 573144

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.2

88 15.2 0.0 29.6



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

8.84

400000

300000

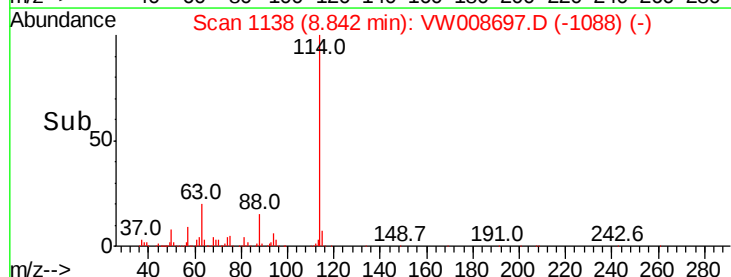
200000

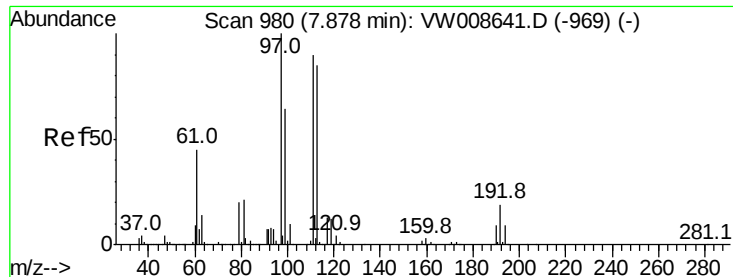
100000

0

8.80 8.90

Time-->

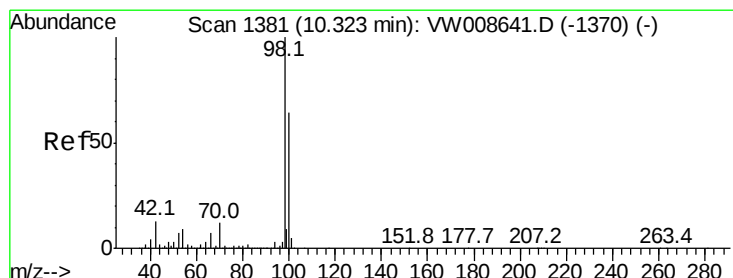
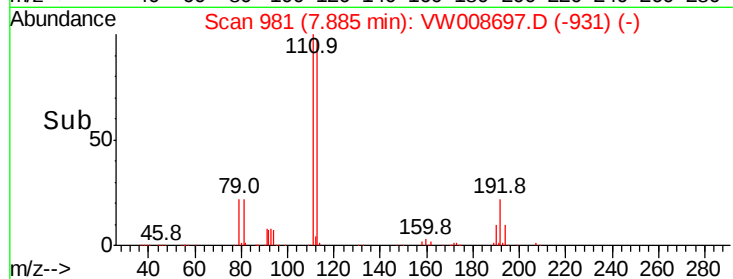
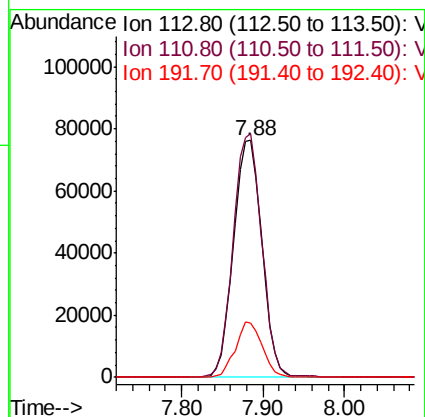
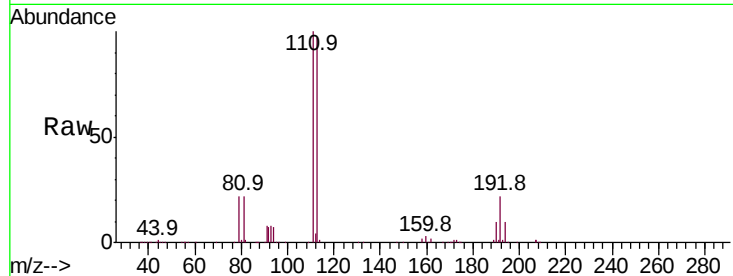




#35
 Dibromofluoromethane
 Concen: 51.510 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW008697.D
 Acq: 15 Feb 2019 20:53

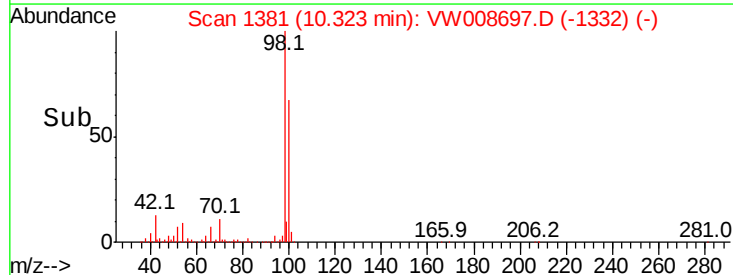
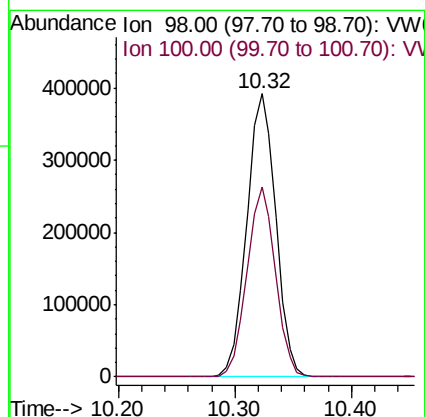
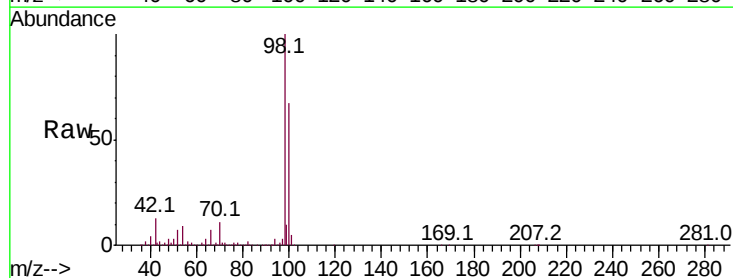
Instrument :
 MSVOA_W
 ClientSampleId :
 TS-8

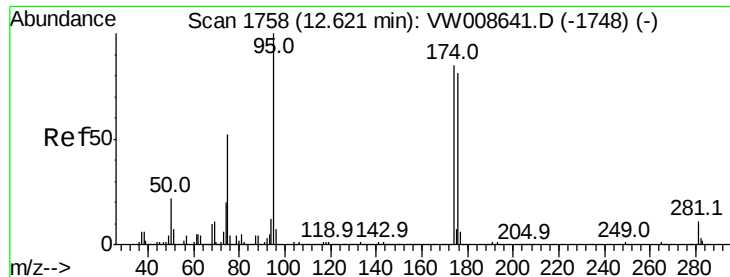
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	84.0	126.0
192	21.9	17.4	26.2



#50
 Toluene-d8
 Concen: 49.800 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008697.D
 Acq: 15 Feb 2019 20:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.4





#62

4-Bromofluorobenzene

Concen: 48.041 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008697.D

Acq: 15 Feb 2019 20:53

Instrument :

MSVOA_W

ClientSampled :

TS-8

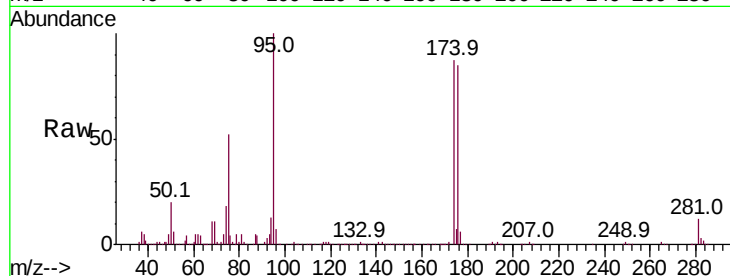
Tot Ion: 95 Resp: 248253

Ion Ratio Lower Upper

95 100

174 84.1 0.0 163.2

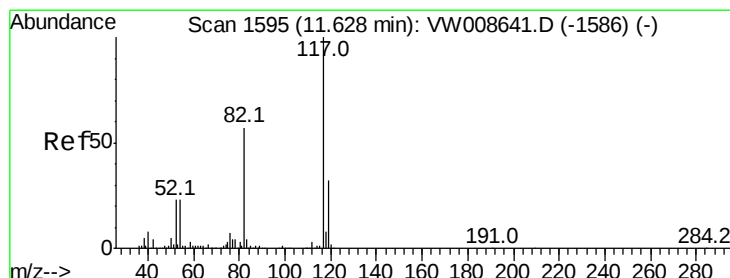
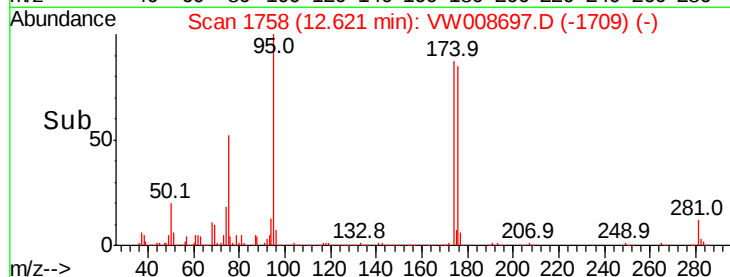
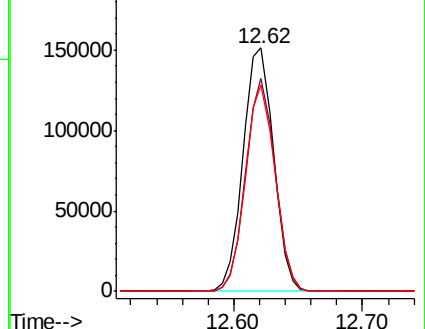
176 82.0 0.0 158.0



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# 1596

Delta R.T. 0.01 min

Lab File: VW008697.D

Acq: 15 Feb 2019 20:53

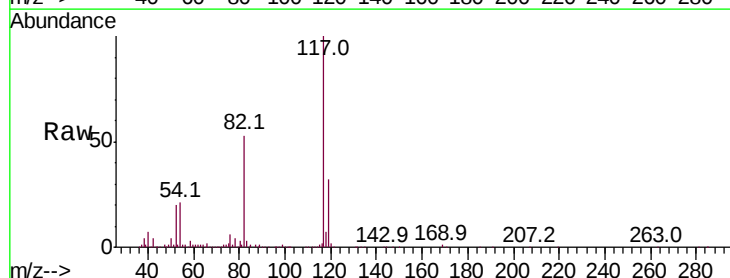
Tgt Ion: 117 Resp: 513075

Ion Ratio Lower Upper

117 100

82 52.9 45.6 68.4

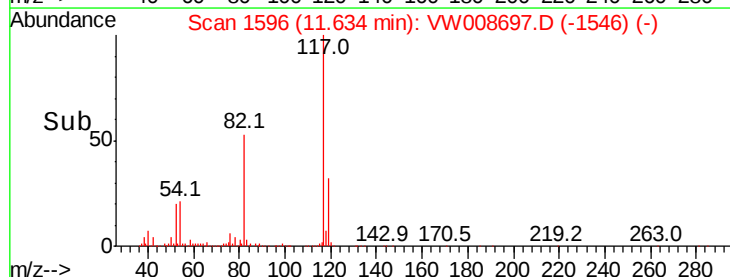
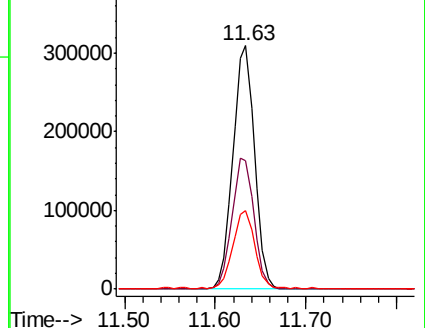
119 31.8 25.7 38.5

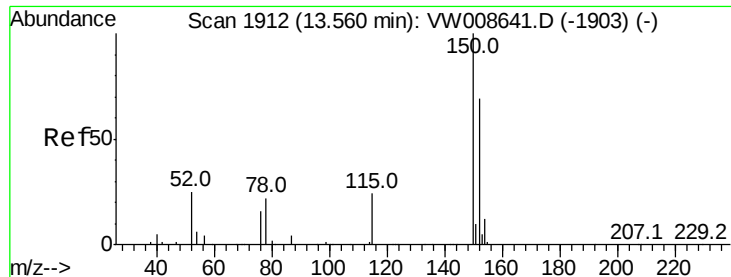


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008697.D

Acq: 15 Feb 2019 20:53

Instrument :

MSVOA_W

ClientSampleId :

TS-8

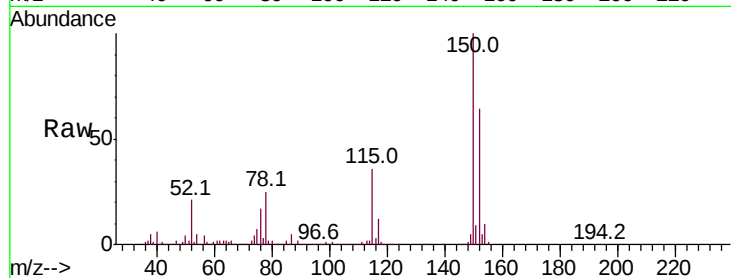
Tot Ion:152 Resp: 259778

Ion Ratio Lower Upper

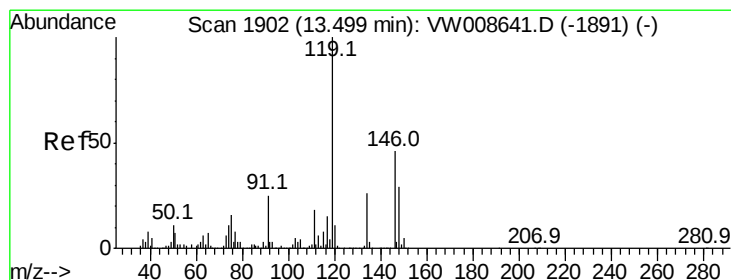
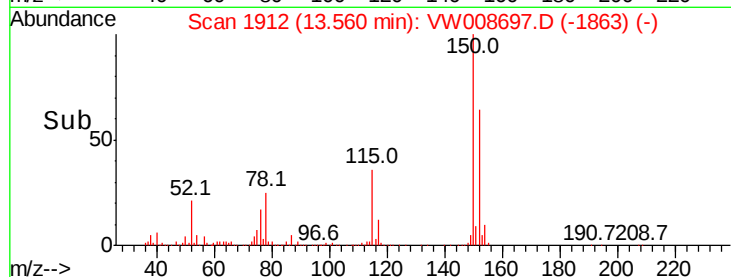
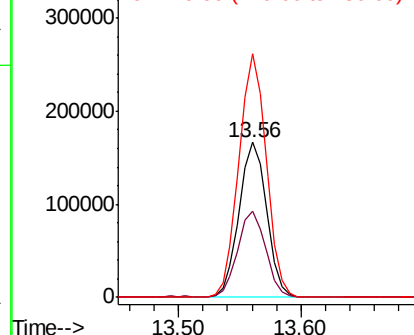
152 100

115 56.4 29.3 87.8

150 156.2 0.0 352.8



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



#86

p-Isopropyltoluene

Concen: 1.125 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008697.D

Acq: 15 Feb 2019 20:53

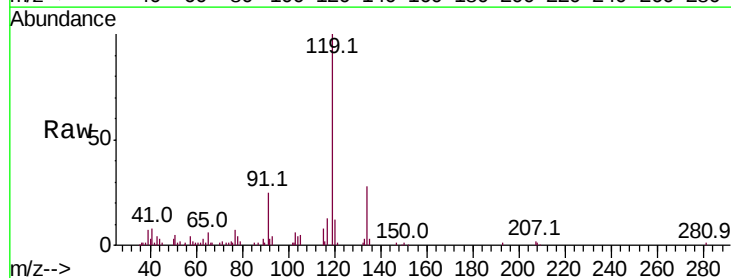
Tgt Ion:119 Resp: 20449

Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 27.7 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

