

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061019\
 Data File : VW010755.D
 Acq On : 10 Jun 2019 19:49
 Operator : SY/VA
 Sample : K3273-05
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4 1.0-1.5 060719

Quant Time: Jun 11 07:28:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

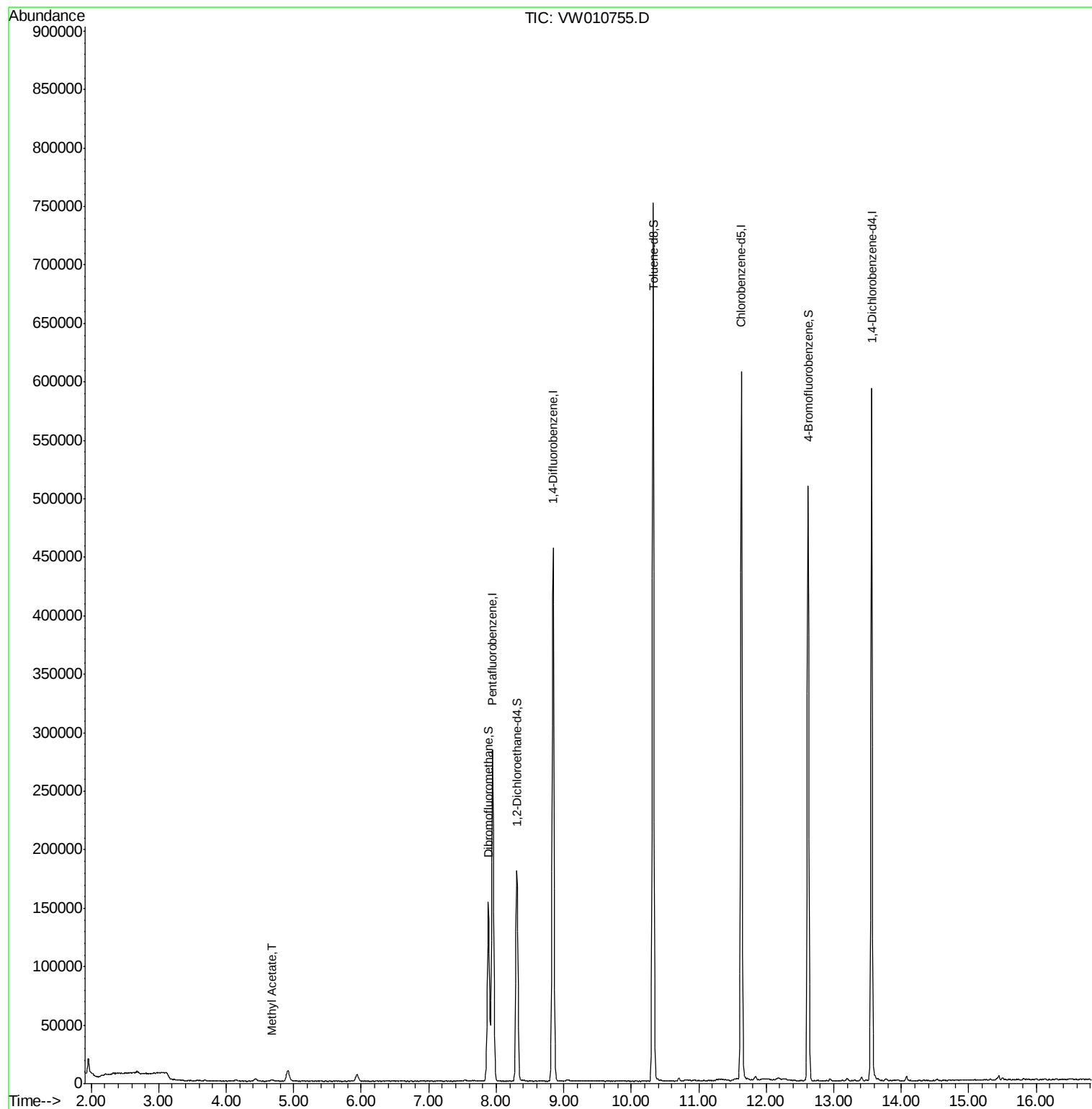
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146160	61.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.28%	
35) Dibromofluoromethane	7.88	113	106211	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
50) Toluene-d8	10.32	98	466655	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.26%	
62) 4-Bromofluorobenzene	12.62	95	166440	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
Target Compounds						
18) Methyl Acetate	4.68	43	3200	2.321	ug/l #	91

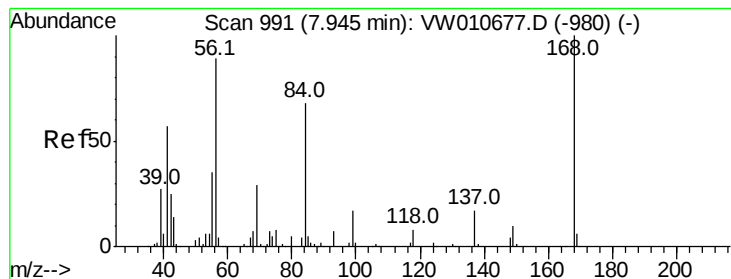
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
ClientSampleId :
SB-4_1.0-1.5_060719

Quant Time: Jun 11 07:28:36 2019
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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Acq: 10 Jun 2019 19:49

Instrument :

MSVOA_W

ClientSampleId :

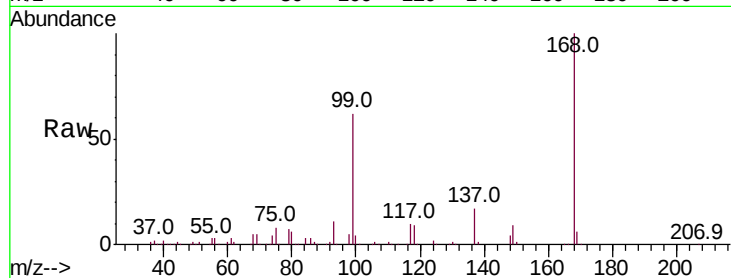
SB-4 1.0-1.5 060719

Tot Ion:168 Resp: 202824

Ion Ratio Lower Upper

168 100

99 61.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

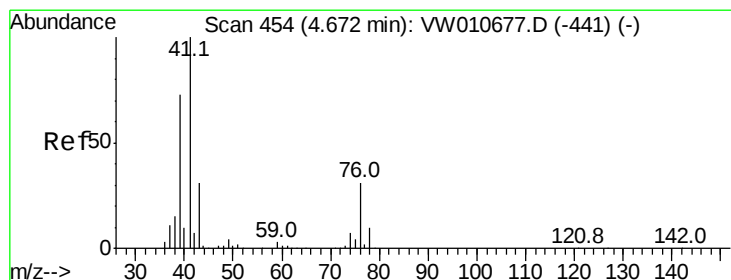
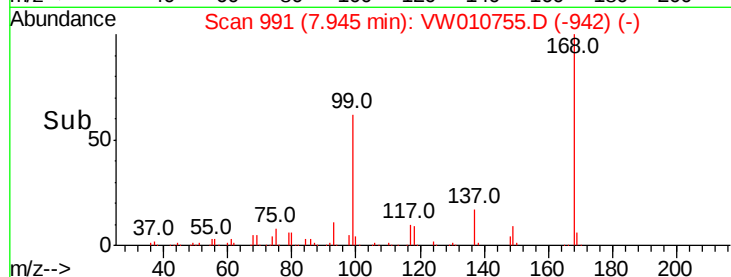
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#18

Methyl Acetate

Concen: 2.321 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW010755.D

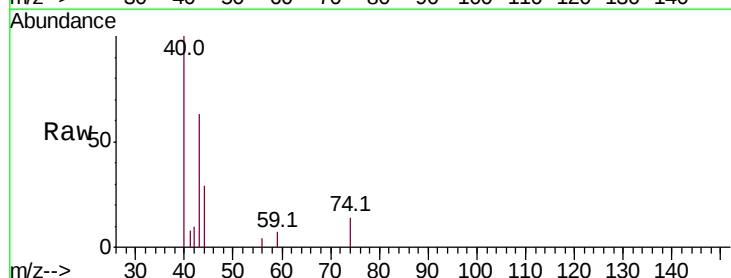
Acq: 10 Jun 2019 19:49

Tgt Ion: 43 Resp: 3200

Ion Ratio Lower Upper

43 100

74 16.7 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

1000

800

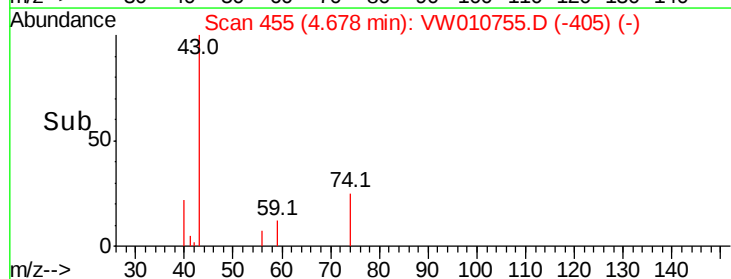
600

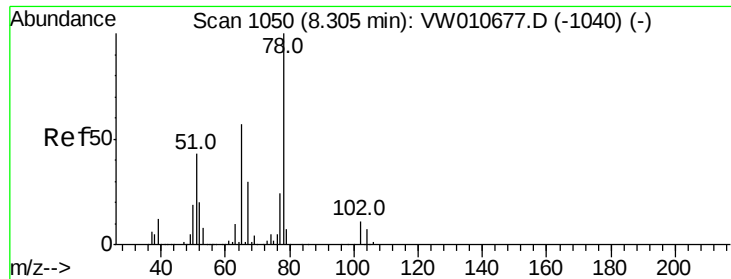
400

200

0

Time--> 4.60 4.70 4.80





#33

1,2-Dichloroethane-d4

Concen: 61.139 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

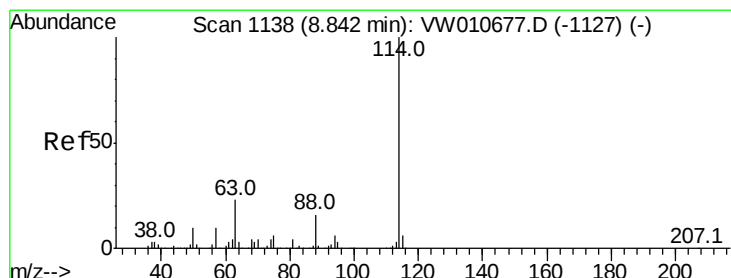
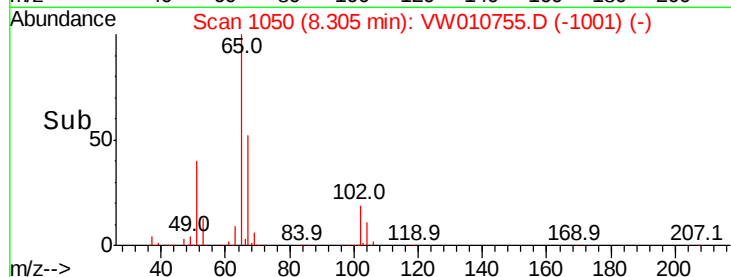
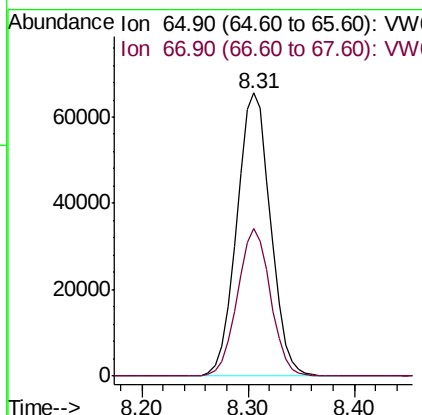
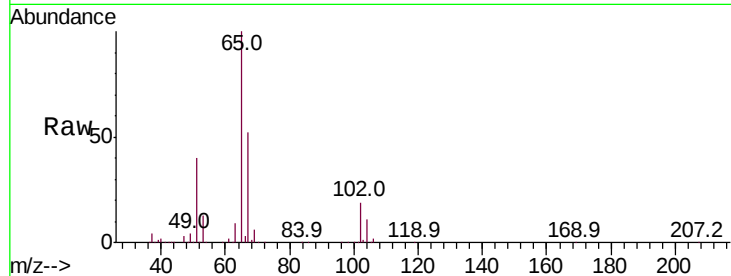
Lab File: VW010755.D

Acq: 10 Jun 2019 19:49

Instrument :
MSVOA_W
ClientSampleId :
SB-4 1.0-1.5 060719

Tot Ion: 65 Resp: 146160

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

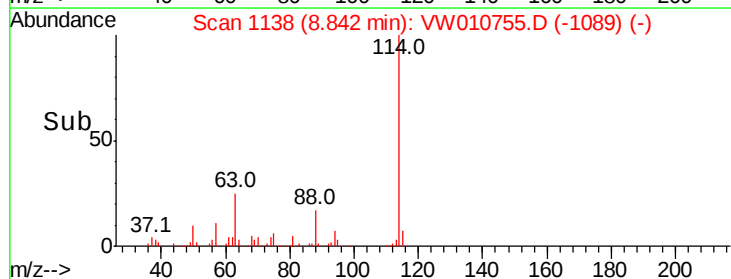
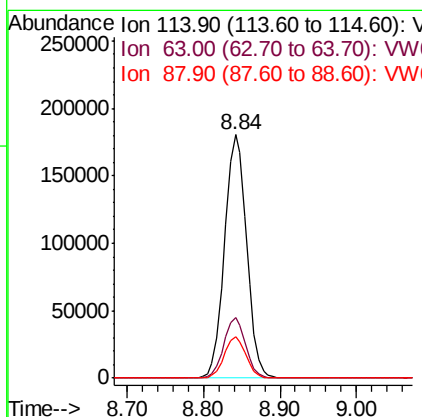
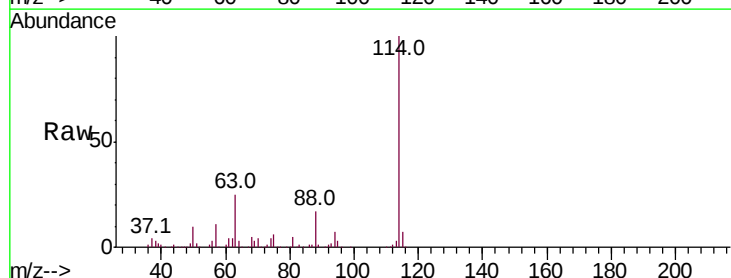
Delta R.T. 0.00 min

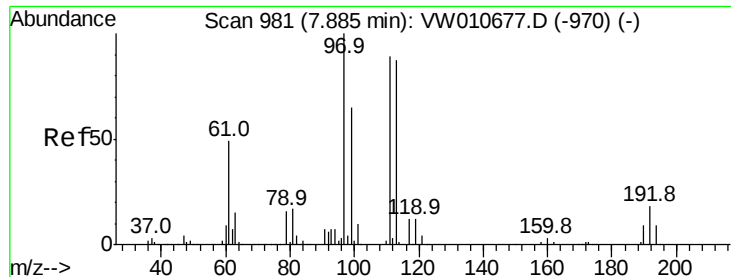
Lab File: VW010755.D

Acq: 10 Jun 2019 19:49

Tgt Ion: 114 Resp: 358910

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	46.4
88	17.2	0.0	32.2

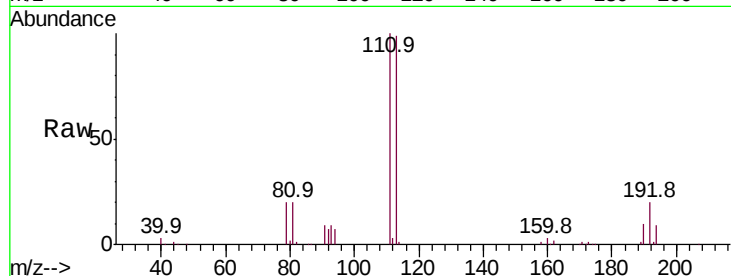




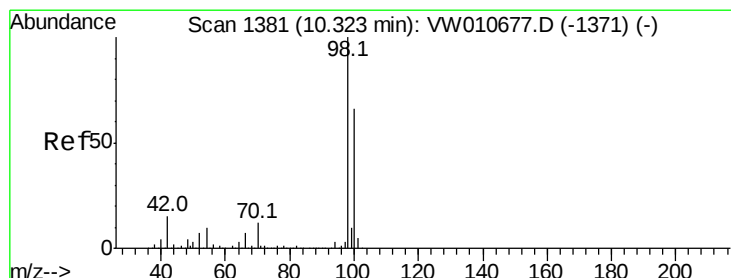
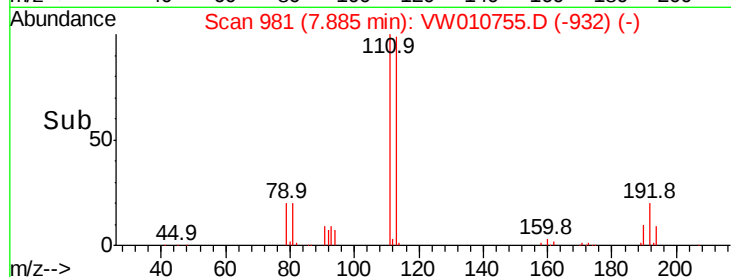
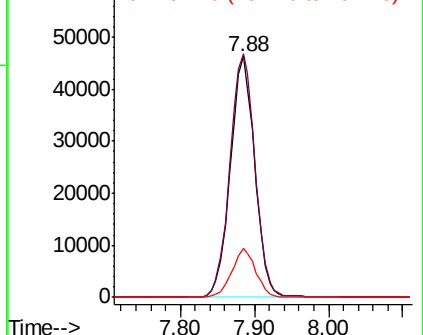
#35
 Dibromofluoromethane
 Concen: 54.521 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010755.D
 Acq: 10 Jun 2019 19:49

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4 1.0-1.5 060719

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	123.8
192	19.6	16.4	24.6

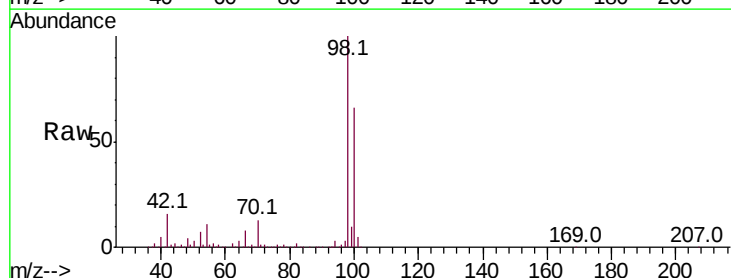


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

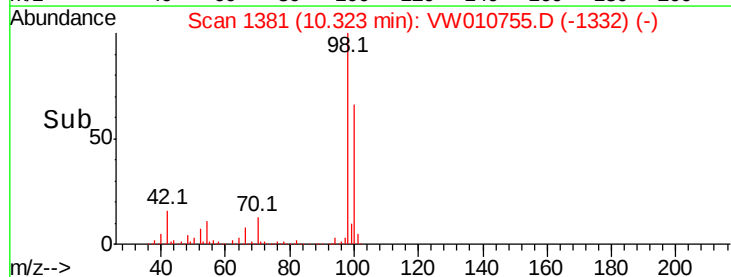
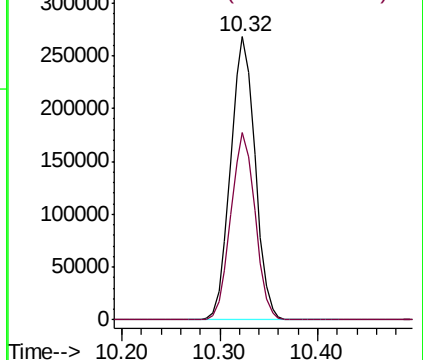


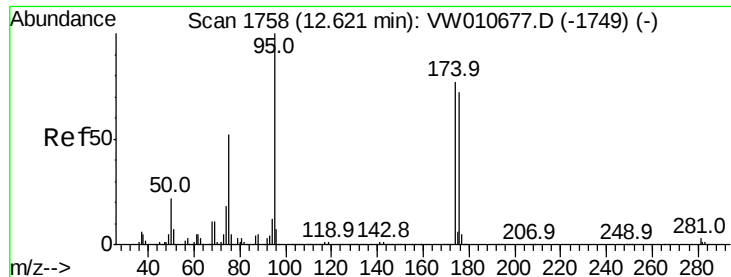
#50
 Toluene-d8
 Concen: 54.627 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW010755.D
 Acq: 10 Jun 2019 19:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.543 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010755.D

Acq: 10 Jun 2019 19:49

Instrument :

MSVOA_W

ClientSampleId :

SB-4 1.0-1.5 060719

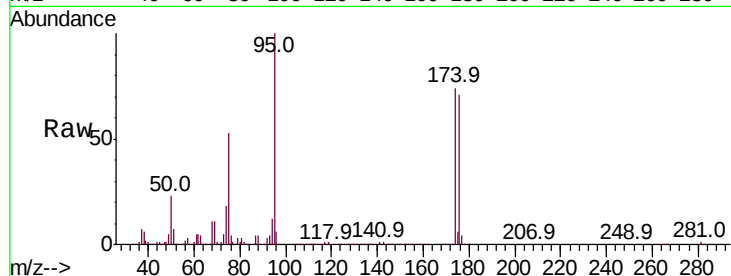
Tot Ion: 95 Resp: 166440

Ion Ratio Lower Upper

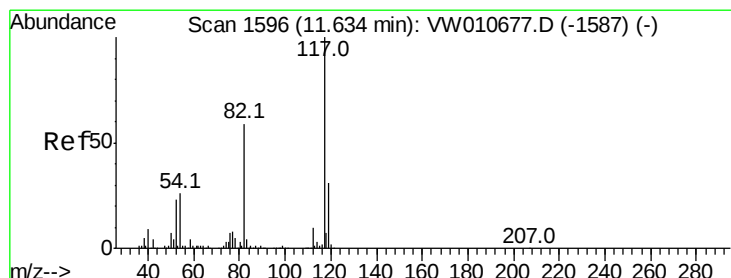
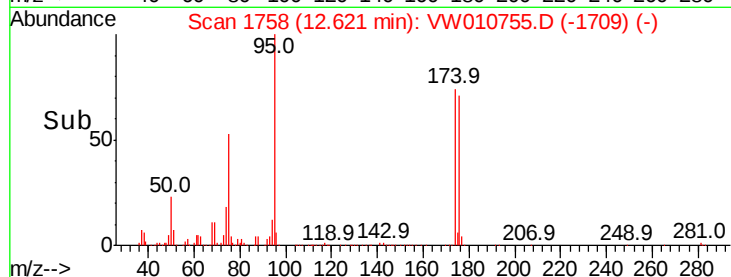
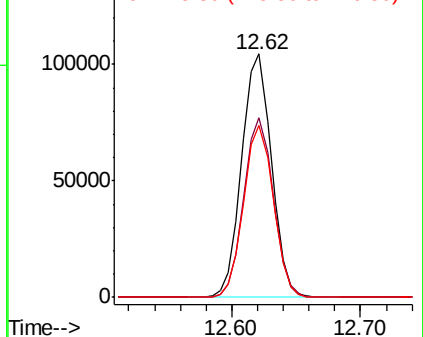
95 100

174 73.2 0.0 150.4

176 70.6 0.0 144.8



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. 0.00 min

Lab File: VW010755.D

Acq: 10 Jun 2019 19:49

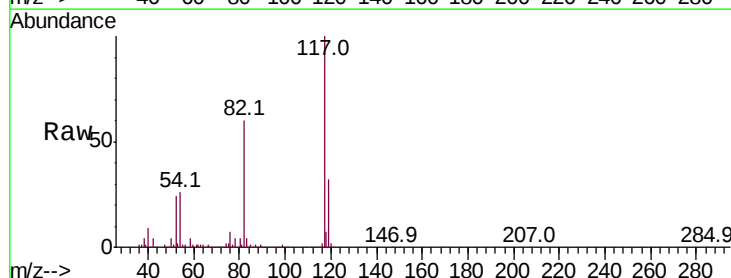
Tgt Ion: 117 Resp: 315269

Ion Ratio Lower Upper

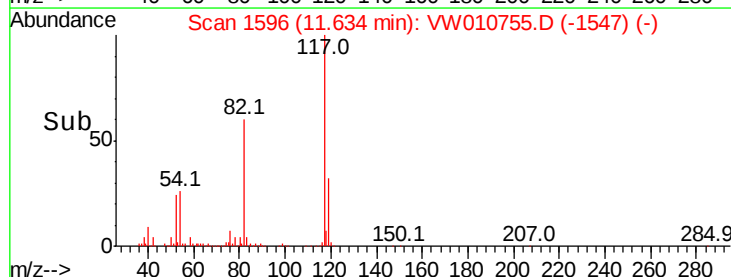
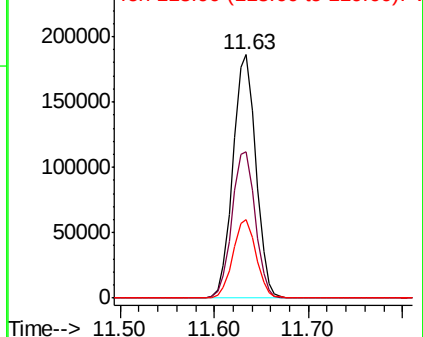
117 100

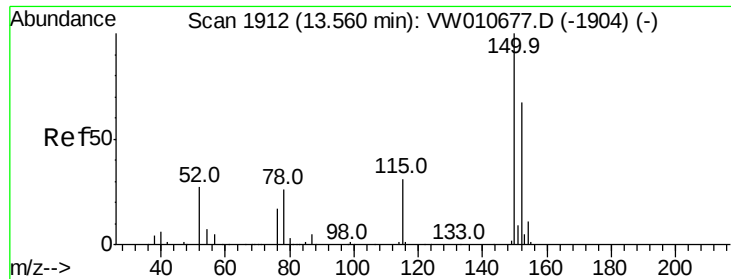
82 60.0 47.0 70.4

119 32.0 25.1 37.7



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: VW010755.D

Acq: 10 Jun 2019 19:49

Instrument :

MSVOA_W

ClientSampleId :

SB-4 1.0-1.5 060719

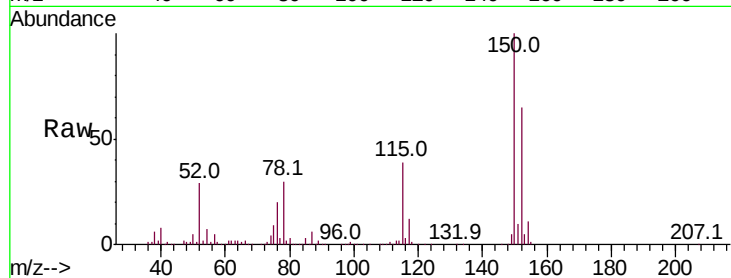
Tot Ion:152 Resp: 138933

Ion Ratio Lower Upper

152 100

115 61.7 29.8 89.3

150 157.8 0.0 345.0



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

