

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012738.D
 Acq On : 07 Sep 2019 23:21
 Operator : SY/VA
 Sample : K4554-43
 Misc : 4.70G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-(0-2)

Quant Time: Sep 08 05:48:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

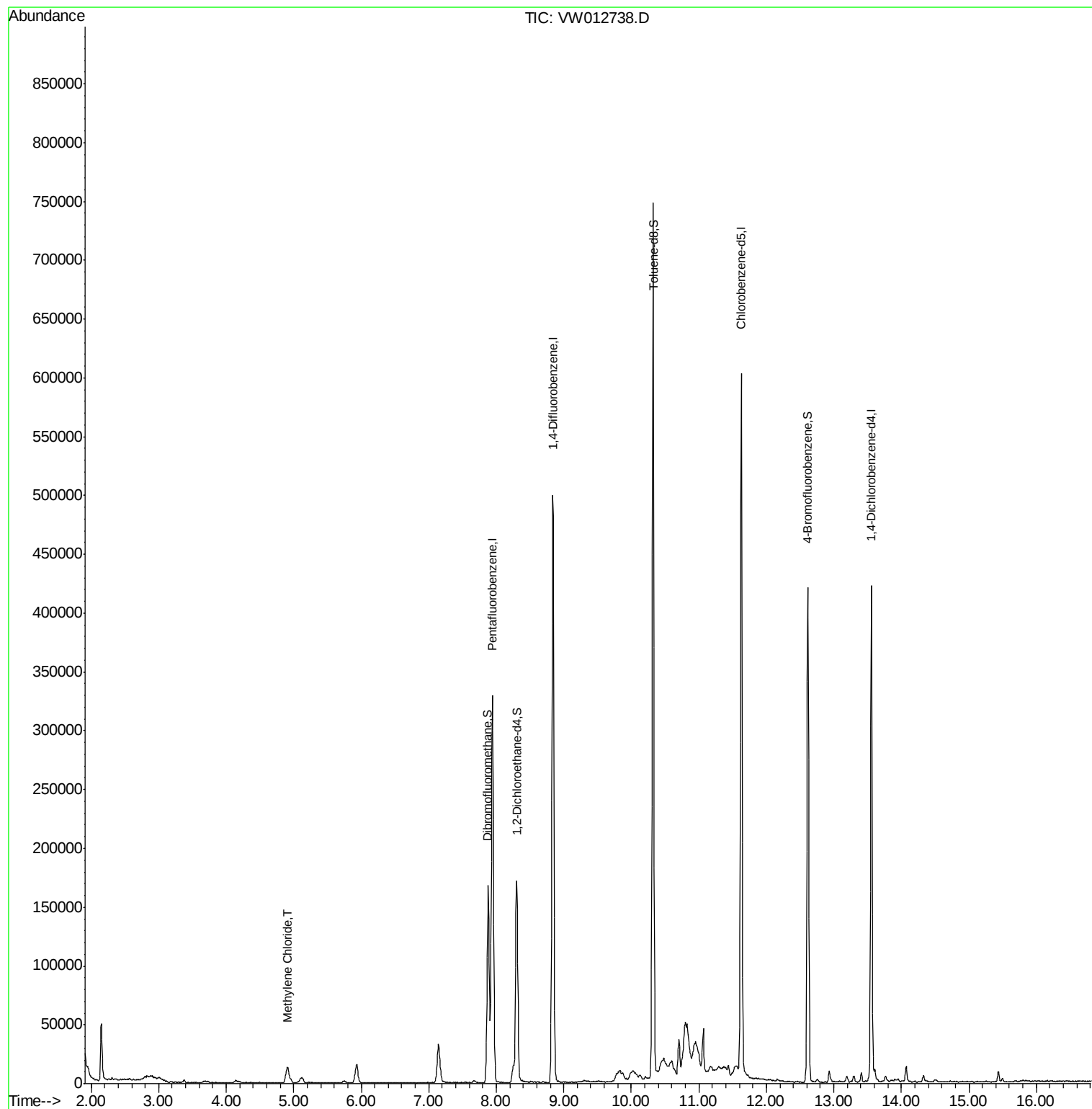
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	397982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	146330	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	7.88	113	115780	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	10.32	98	453390	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.62	95	132406	39.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.70%	
Target Compounds						
20) Methylene Chloride	4.90	84	9700	4.063	ug/l	Qvalue 95

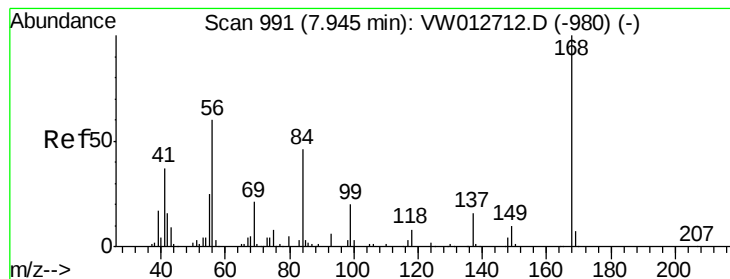
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012738.D

Acq: 07 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

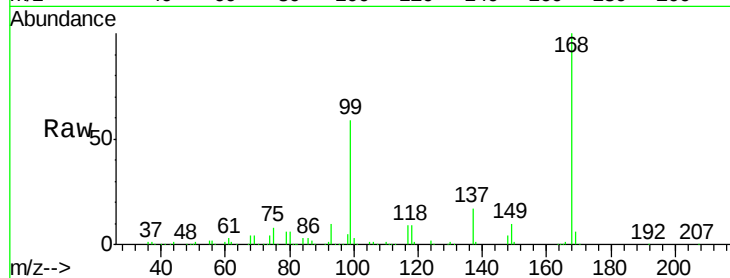
SB-4-(0-2)

Tot Ion:168 Resp: 250531

Ion Ratio Lower Upper

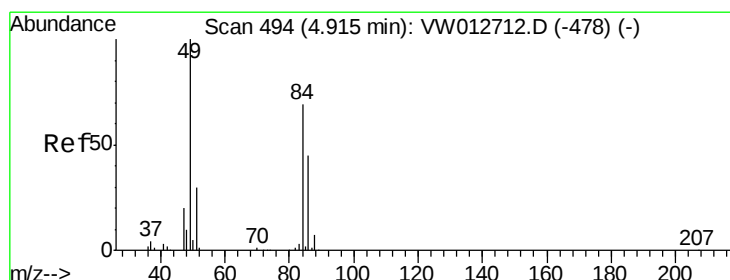
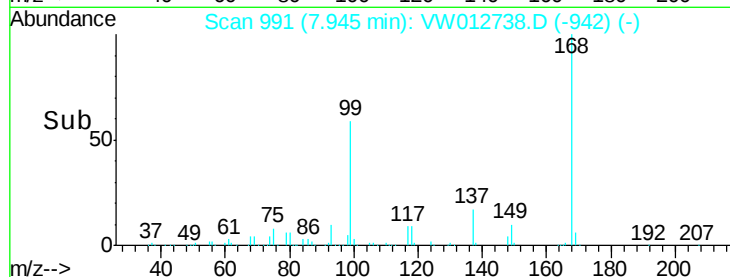
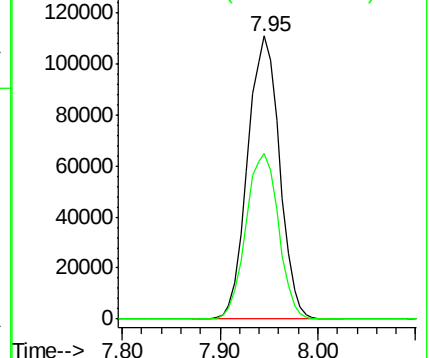
168 100

99 58.6 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 4.063 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW012738.D

Acq: 07 Sep 2019 23:21

Tgt Ion: 84 Resp: 9700

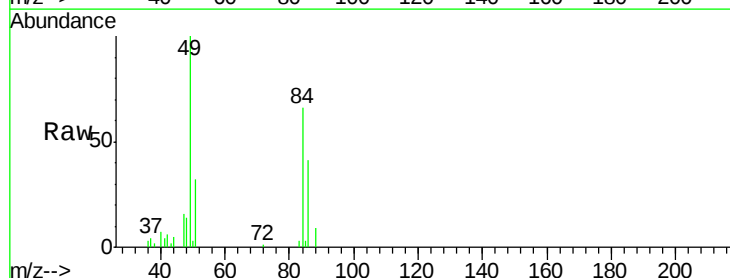
Ion Ratio Lower Upper

84 100

49 151.0 115.4 173.0

51 48.1 34.9 52.3

86 62.6 52.2 78.4

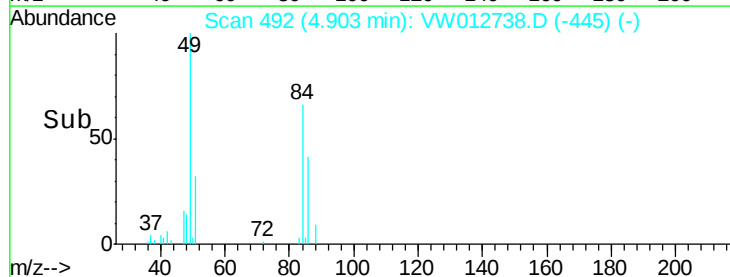
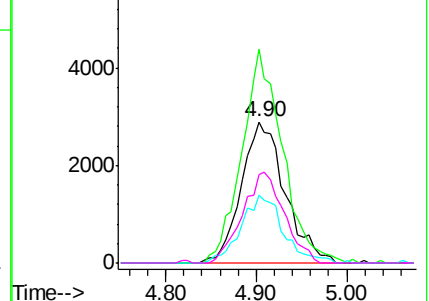


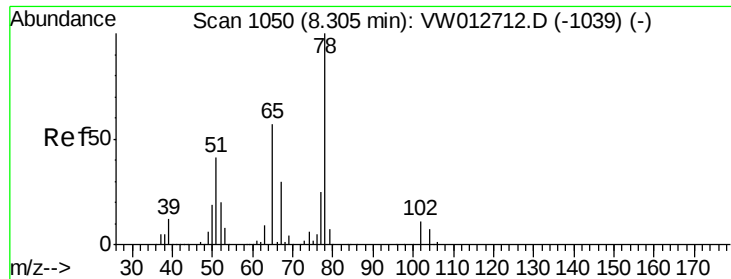
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

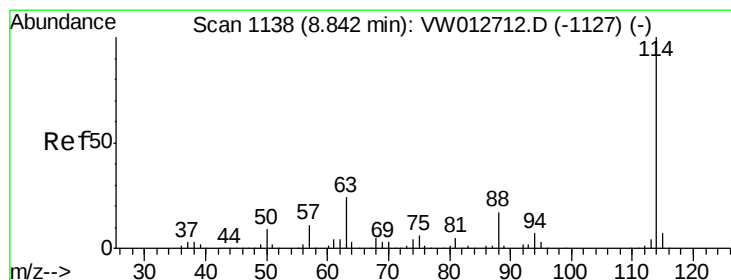
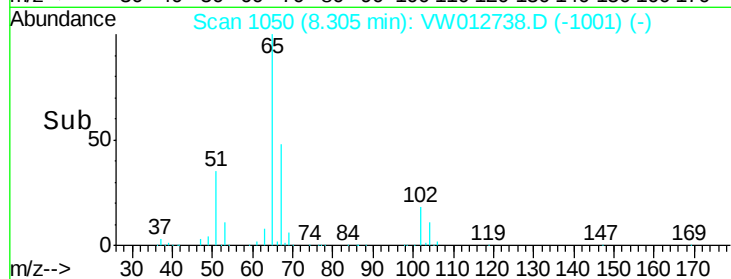
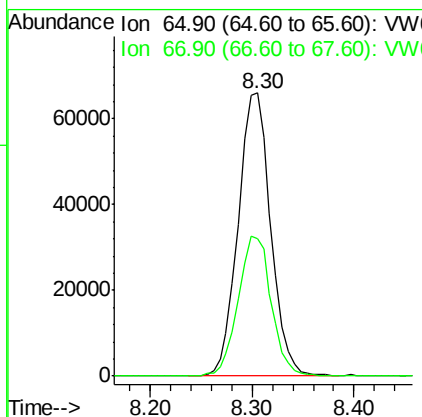
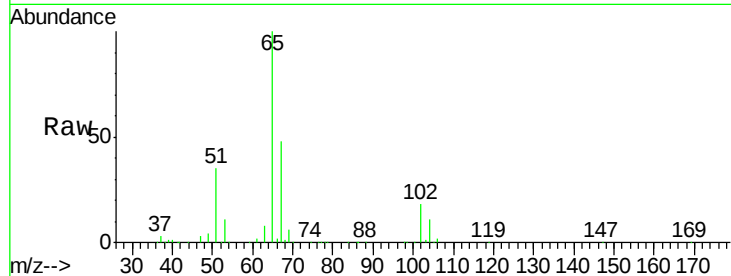




#33
 1,2-Dichloroethane-d4
 Concen: 52.275 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012738.D
 Acq: 07 Sep 2019 23:21

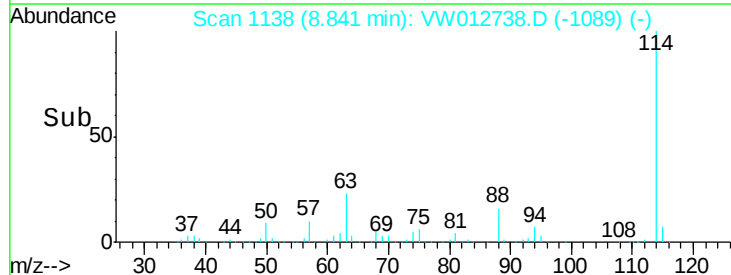
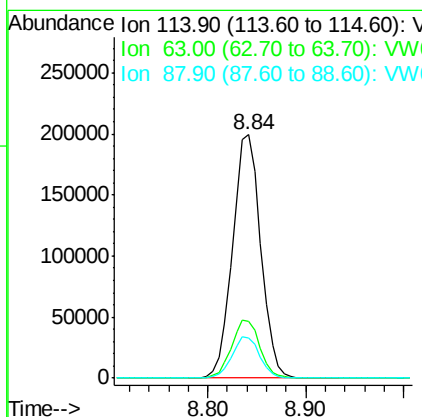
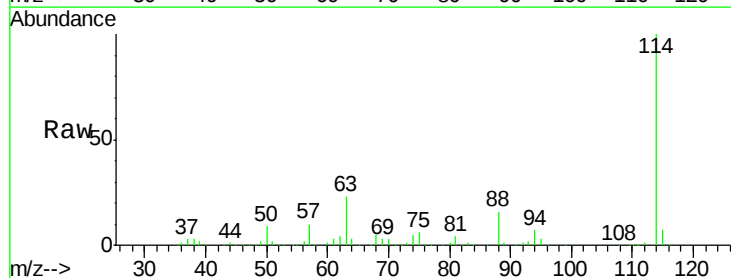
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-(0-2)

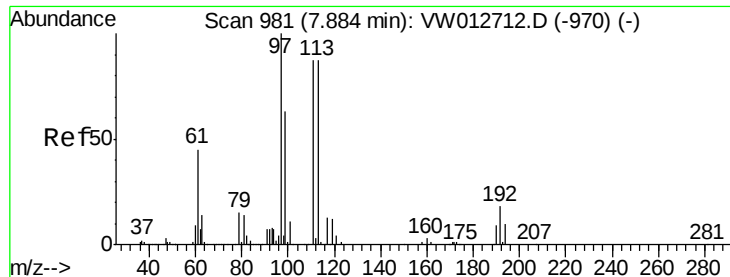
Tot Ion: 65 Resp: 146330
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012738.D
 Acq: 07 Sep 2019 23:21

Tgt Ion: 114 Resp: 397982
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.2
 88 16.4 0.0 34.0

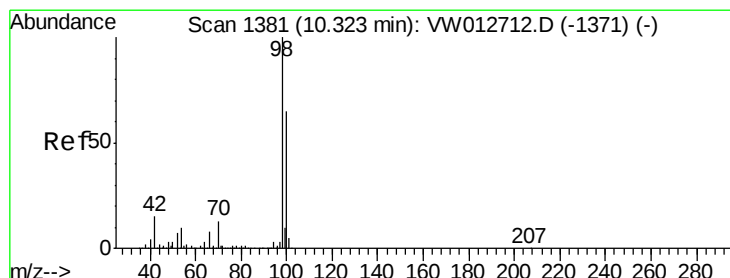
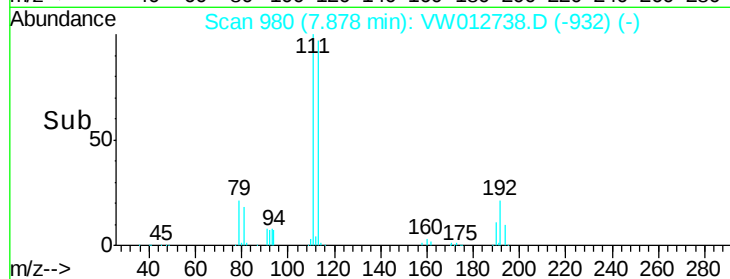
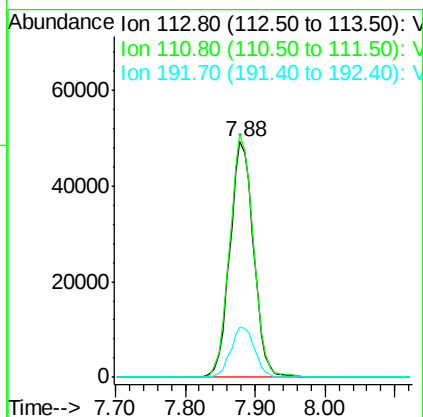
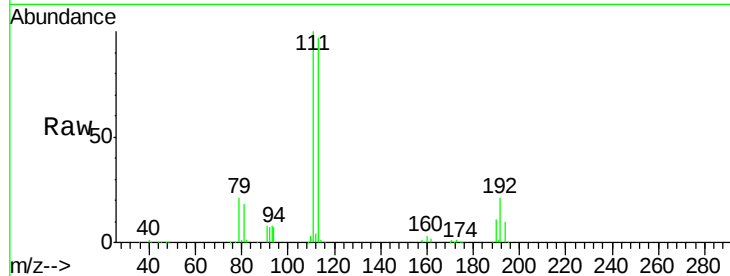




#35
 Dibromofluoromethane
 Concen: 48.933 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012738.D
 Acq: 07 Sep 2019 23:21

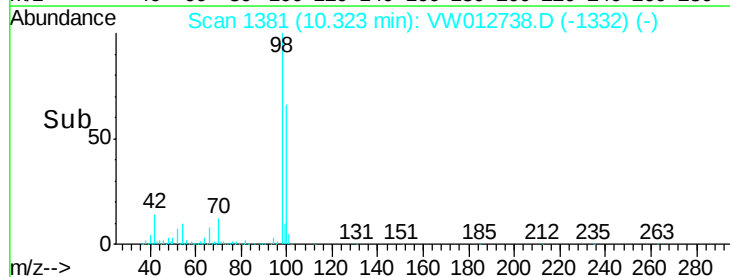
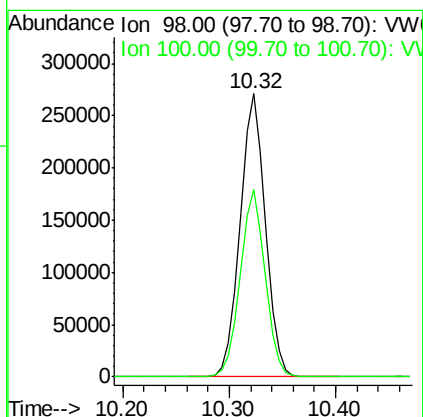
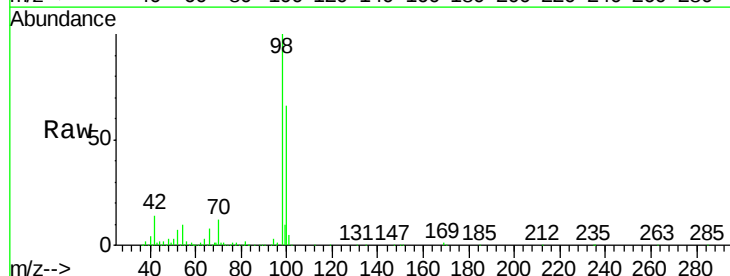
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-(0-2)

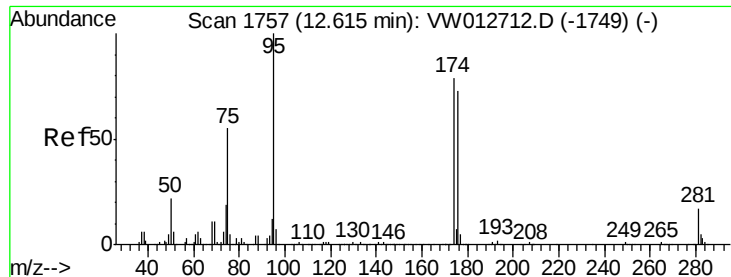
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.2	120.4
192	21.6	17.3	25.9



#50
 Toluene-d8
 Concen: 48.910 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012738.D
 Acq: 07 Sep 2019 23:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4





#62

4-Bromofluorobenzene

Concen: 39.345 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012738.D

Acq: 07 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampled :

SB-4-(0-2)

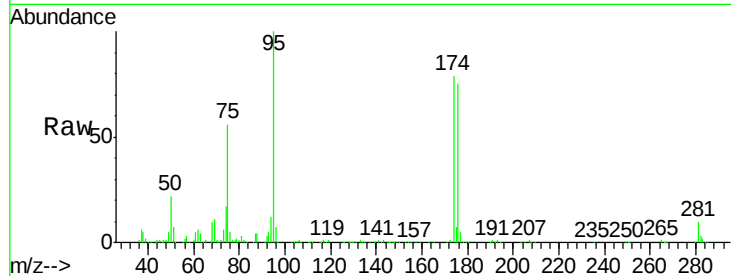
Tot Ion: 95 Resp: 132406

Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.0

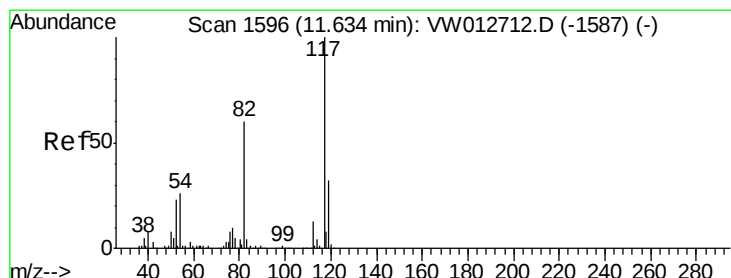
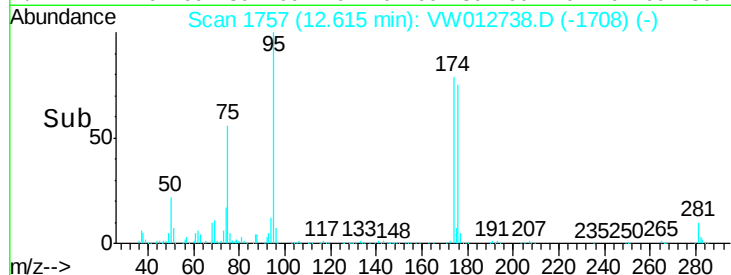
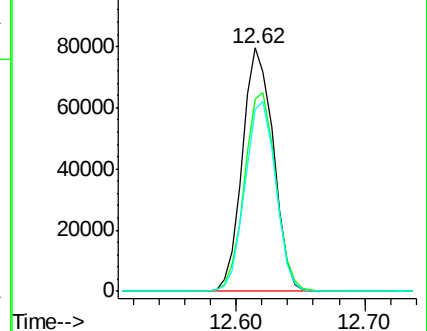
176 77.2 0.0 156.4



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: VW012738.D

Acq: 07 Sep 2019 23:21

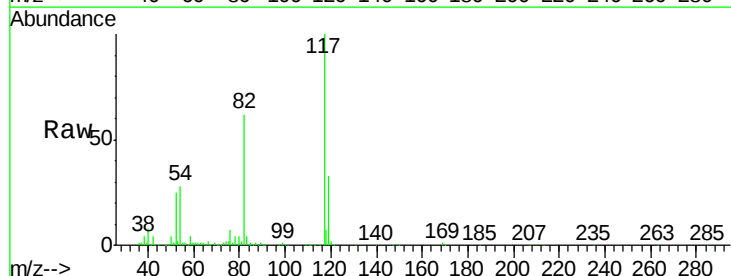
Tgt Ion: 117 Resp: 313983

Ion Ratio Lower Upper

117 100

82 62.1 48.2 72.4

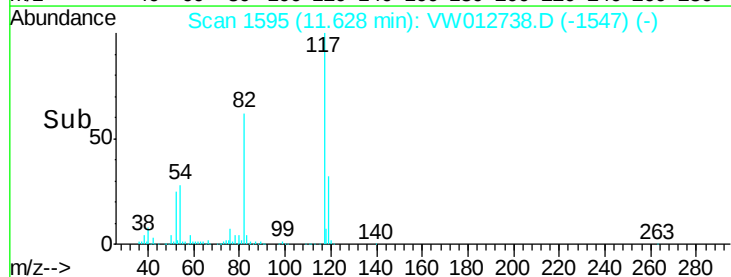
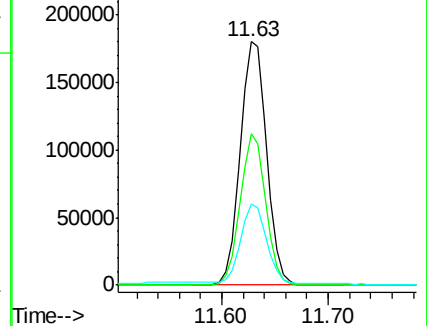
119 32.9 25.8 38.6

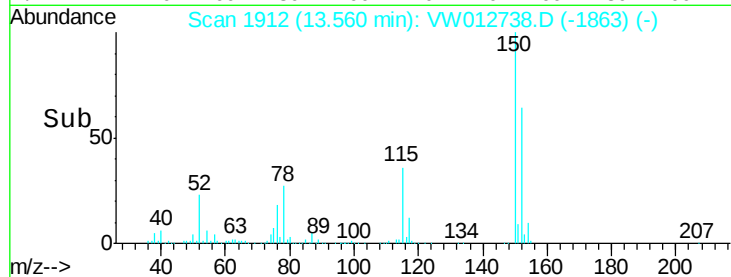
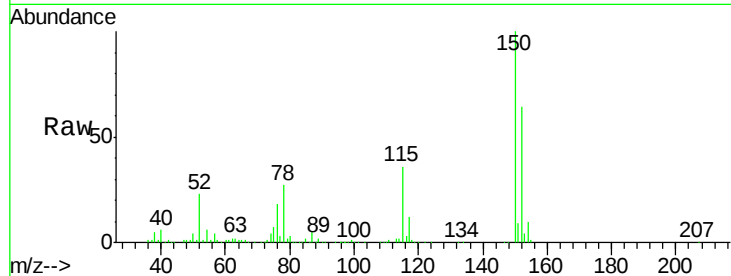
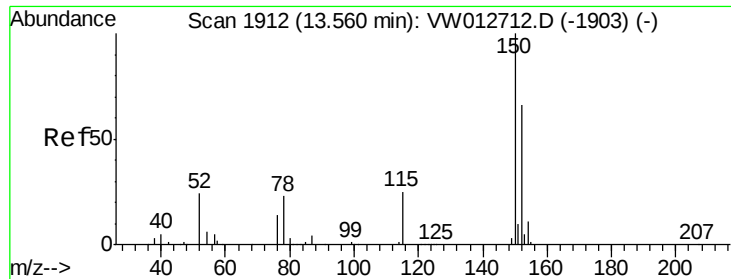


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012738.D

Acq: 07 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

SB-4-(0-2)

Tot Ion:152 Resp: 106768

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.1

150 159.6 0.0 349.0

