

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012257.D
 Acq On : 28 Aug 2019 16:32
 Operator : SY/VA
 Sample : K4509-09
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-45-7.5-8.0

Quant Time: Aug 28 18:45:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

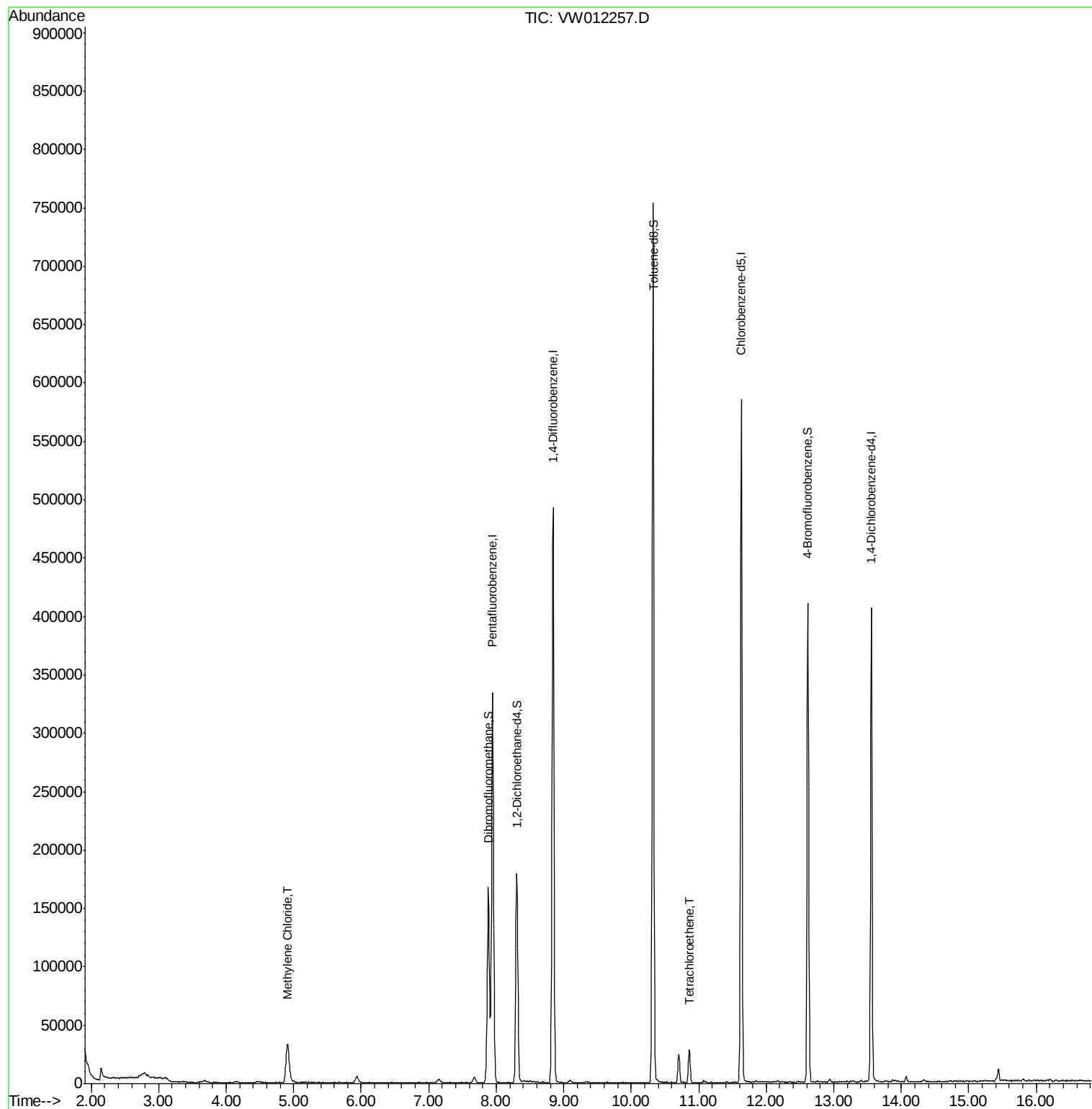
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	101602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	139519	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	7.88	113	117793	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	10.32	98	474914	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.62	95	132721	39.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.24%	
Target Compounds						
20) Methylene Chloride	4.92	84	24373	8.761	ug/l	92
64) Tetrachloroethene	10.87	164	6380	3.242	ug/l	90

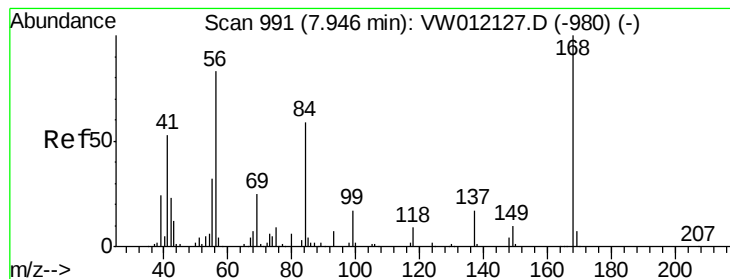
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012257.D

Acq: 28 Aug 2019 16:32

Instrument :

MSVOA_W

ClientSampleId :

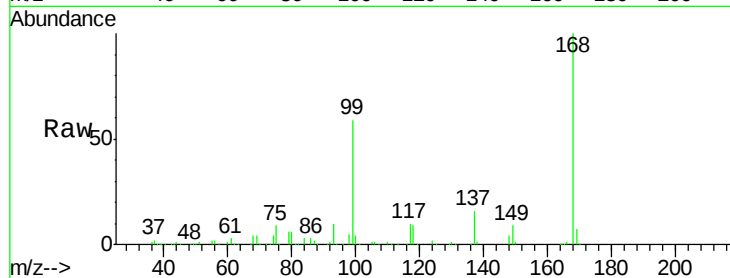
SB-45-7.5-8.0

Tot Ion:168 Resp: 242165

Ion Ratio Lower Upper

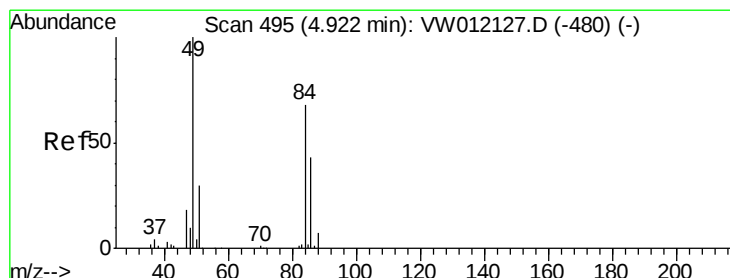
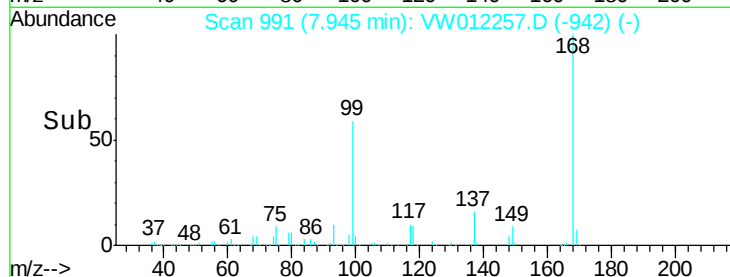
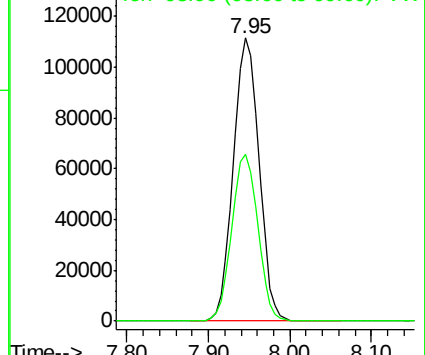
168 100

99 59.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 8.761 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012257.D

Acq: 28 Aug 2019 16:32

Tgt Ion: 84 Resp: 24373

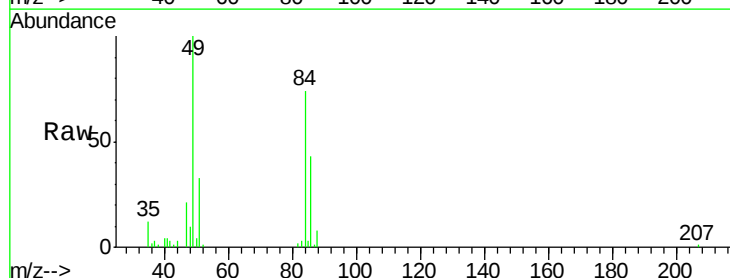
Ion Ratio Lower Upper

84 100

49 134.9 117.8 176.8

51 45.1 35.6 53.4

86 58.4 51.2 76.8

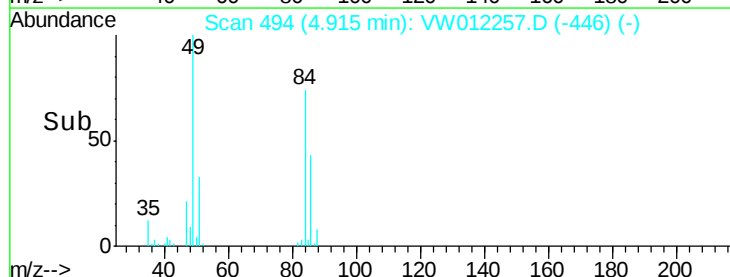
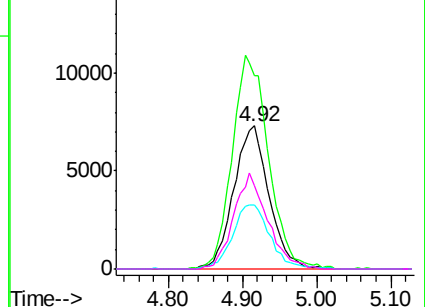


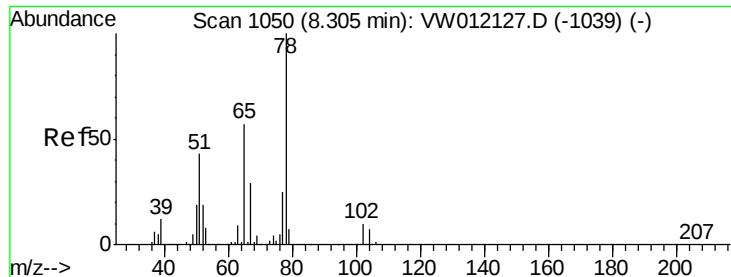
Abundance Ion 83.90 (83.60 to 84.60): VW

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

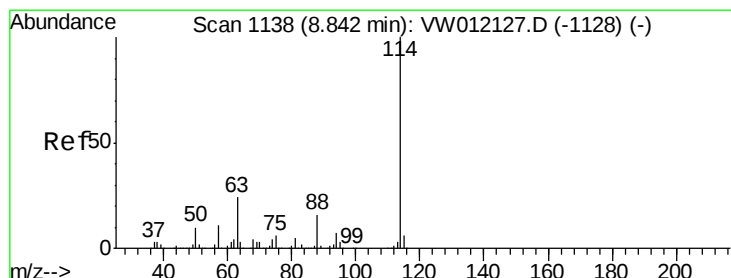
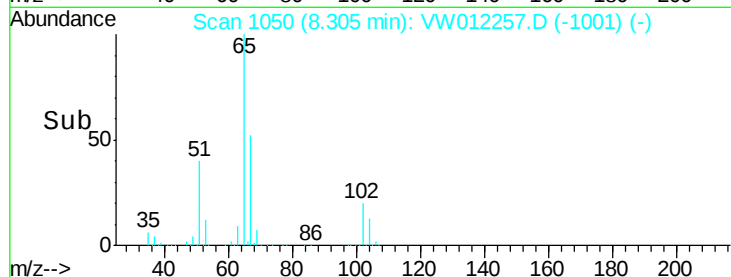
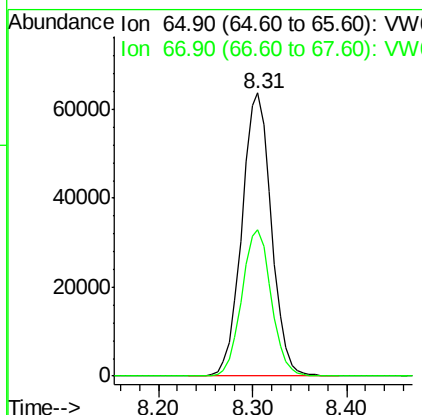
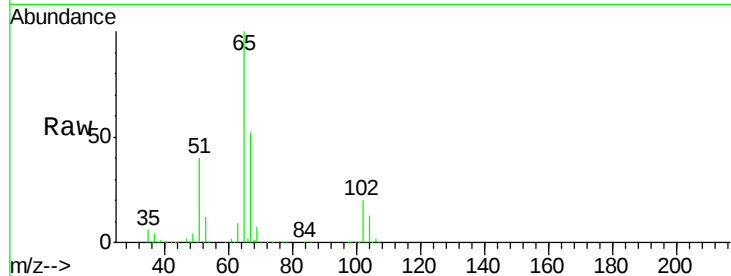




#33
 1,2-Dichloroethane-d4
 Concen: 48.465 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012257.D
 Acq: 28 Aug 2019 16:32

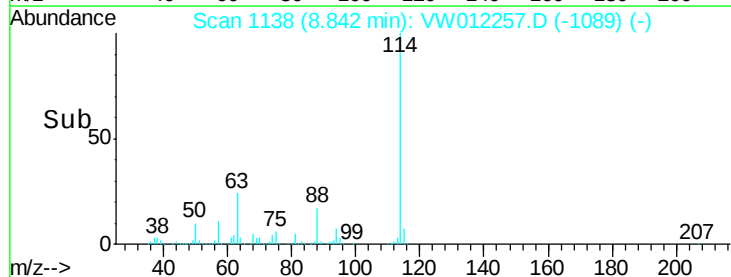
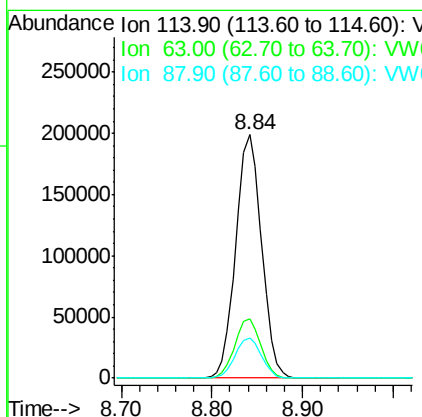
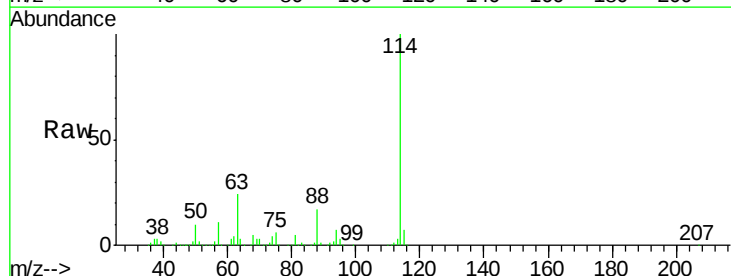
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-45-7.5-8.0

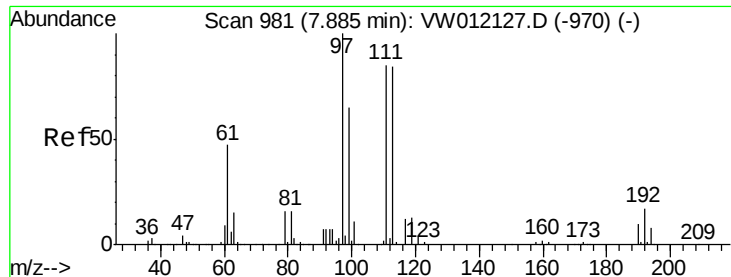
Tot Ion: 65 Resp: 139519
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012257.D
 Acq: 28 Aug 2019 16:32

Tgt Ion: 114 Resp: 392630
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.6
 88 16.6 0.0 32.2

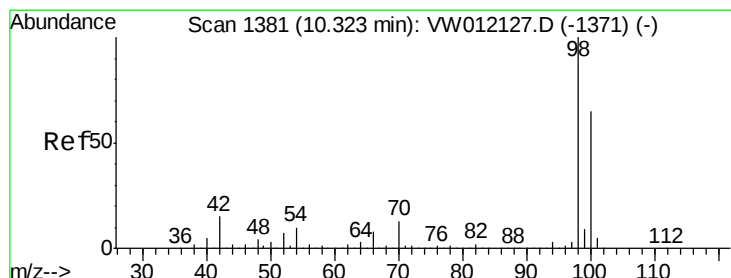
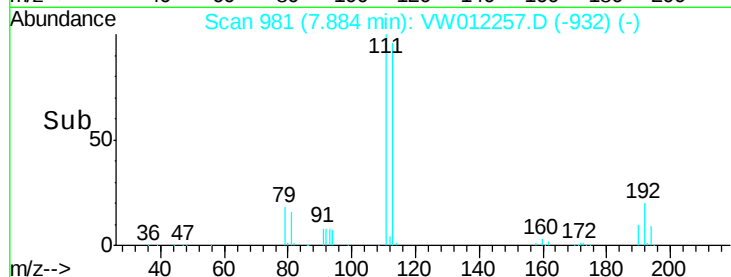
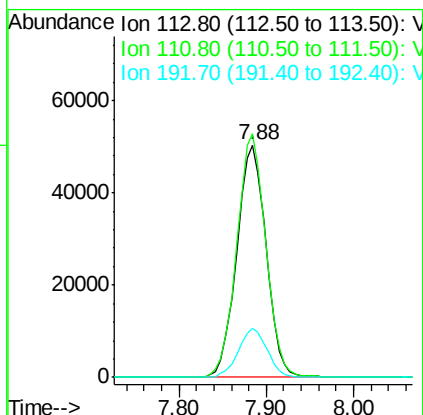
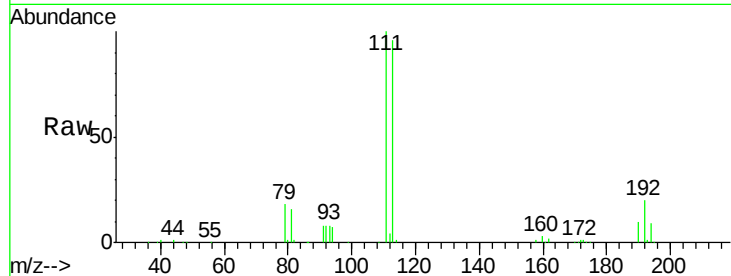




#35
Dibromofluoromethane
Concen: 50.261 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012257.D
Acq: 28 Aug 2019 16:32

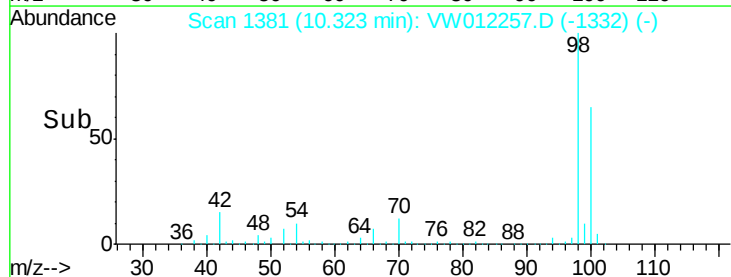
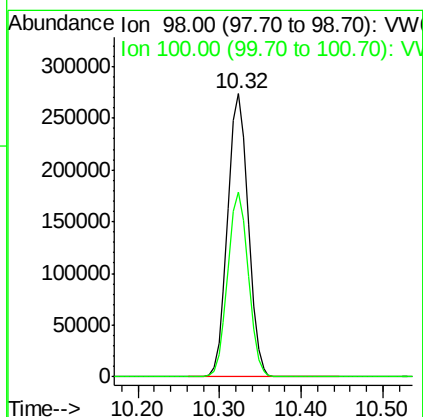
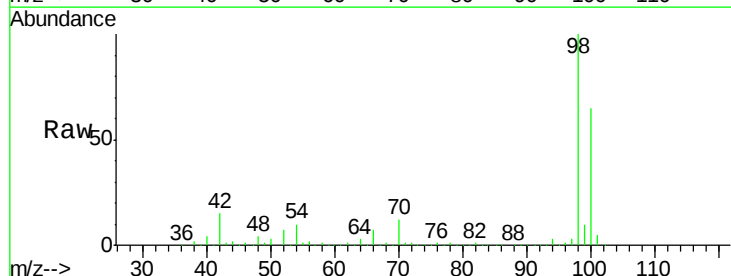
Instrument :
MSVOA_W
ClientSampleId :
SB-45-7.5-8.0

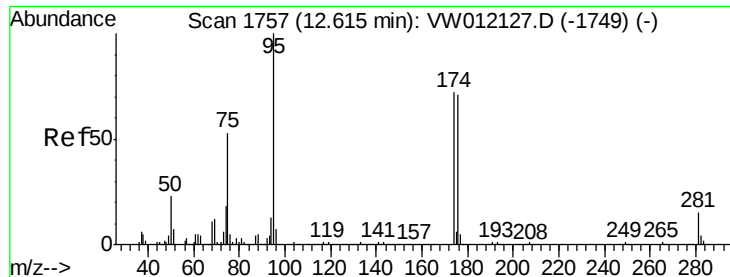
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.7	124.1
192	20.6	16.2	24.2



#50
Toluene-d8
Concen: 49.977 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012257.D
Acq: 28 Aug 2019 16:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 39.622 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012257.D

Acq: 28 Aug 2019 16:32

Instrument :

MSVOA_W

ClientSampleId :

SB-45-7.5-8.0

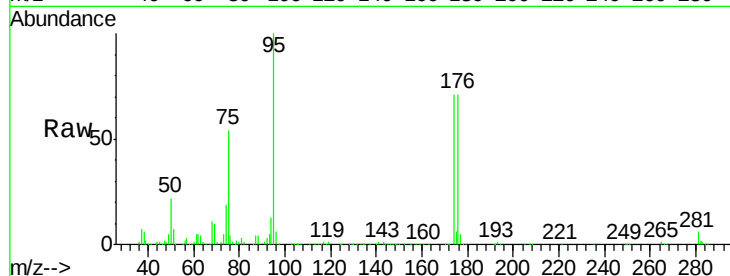
Tot Ion: 95 Resp: 132721

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.8

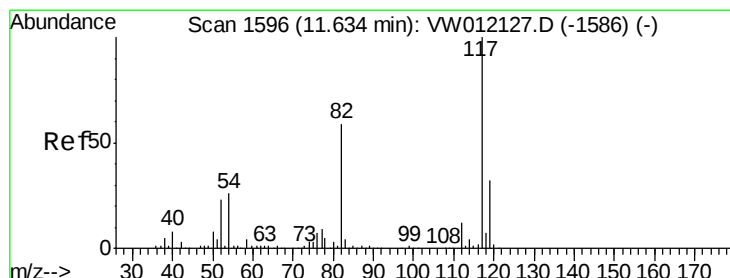
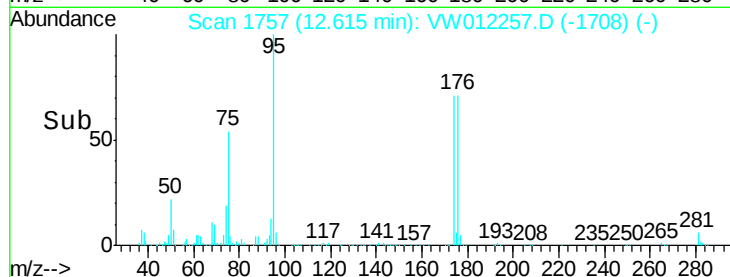
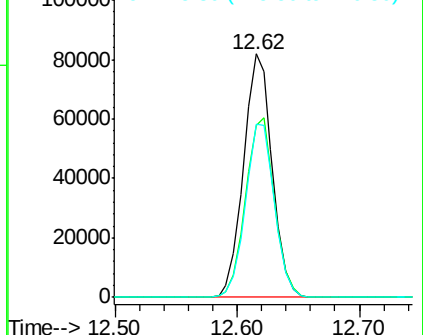
176 72.4 0.0 148.6



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: VW012257.D

Acq: 28 Aug 2019 16:32

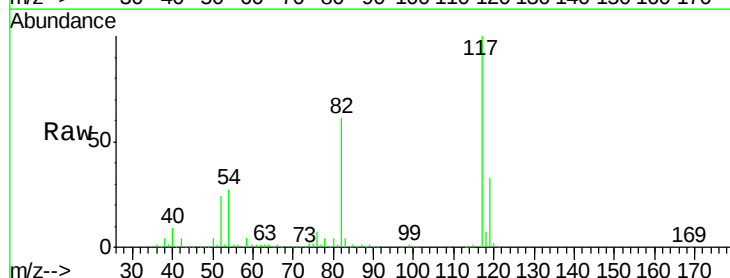
Tgt Ion: 117 Resp: 303545

Ion Ratio Lower Upper

117 100

82 60.9 47.4 71.2

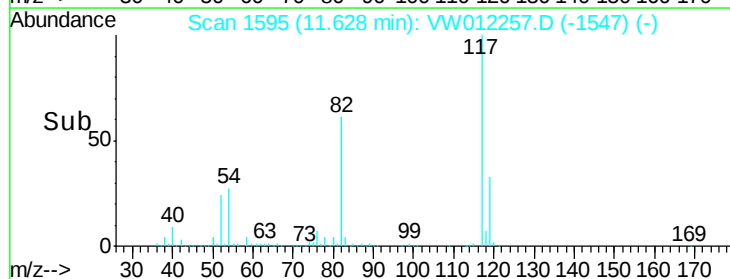
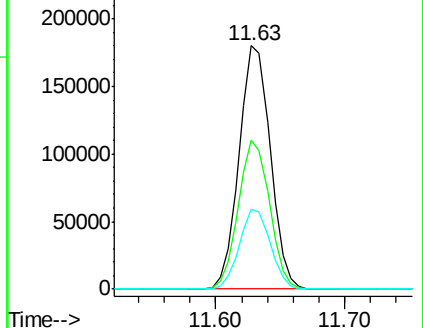
119 32.8 25.4 38.2

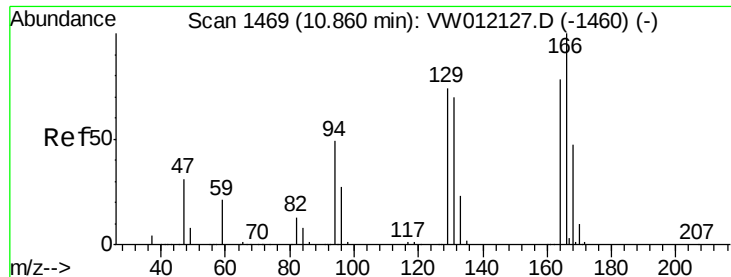


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

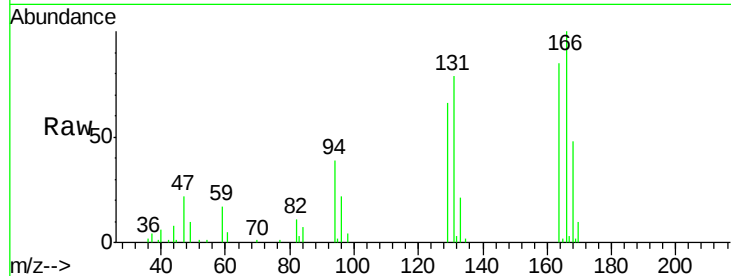




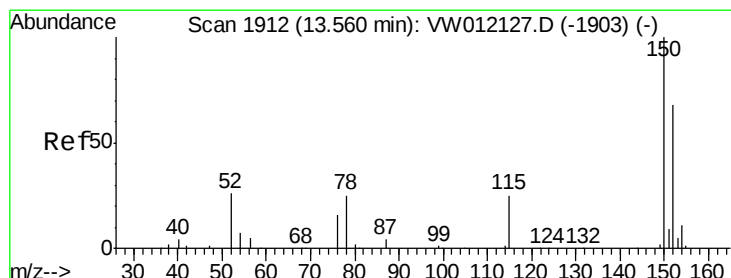
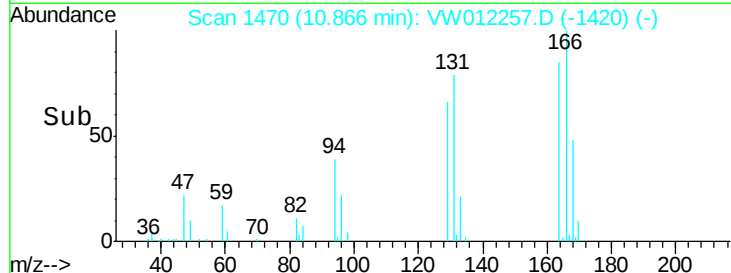
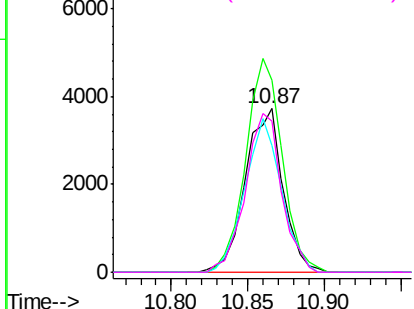
#64
Tetrachloroethene
Concen: 3.242 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW012257.D
Acq: 28 Aug 2019 16:32

Instrument :
MSVOA_W
ClientSampleId :
SB-45-7.5-8.0

Tot Ion:164 Resp: 6380
Ion Ratio Lower Upper
164 100
166 117.3 102.4 153.6
129 77.5 75.8 113.6
131 92.6 71.4 107.2

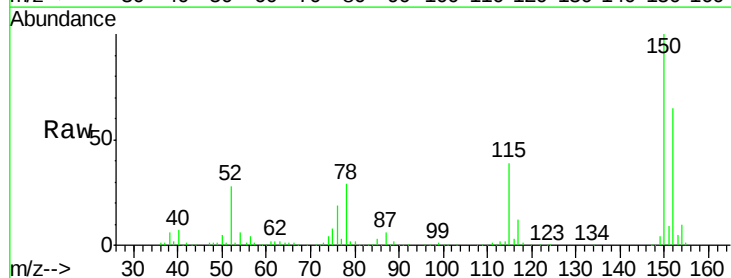


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012257.D
Acq: 28 Aug 2019 16:32

Tgt Ion:152 Resp: 101602
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.3
150 158.4 0.0 345.8



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

