

Data File : VW012704.D
Acq On : 06 Sep 2019 21:40
Operator : SY/VA
Sample : K4581-17
Misc : 3.06G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T12-D2-(3.5)

Quant Time: Sep 07 06:42:51 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

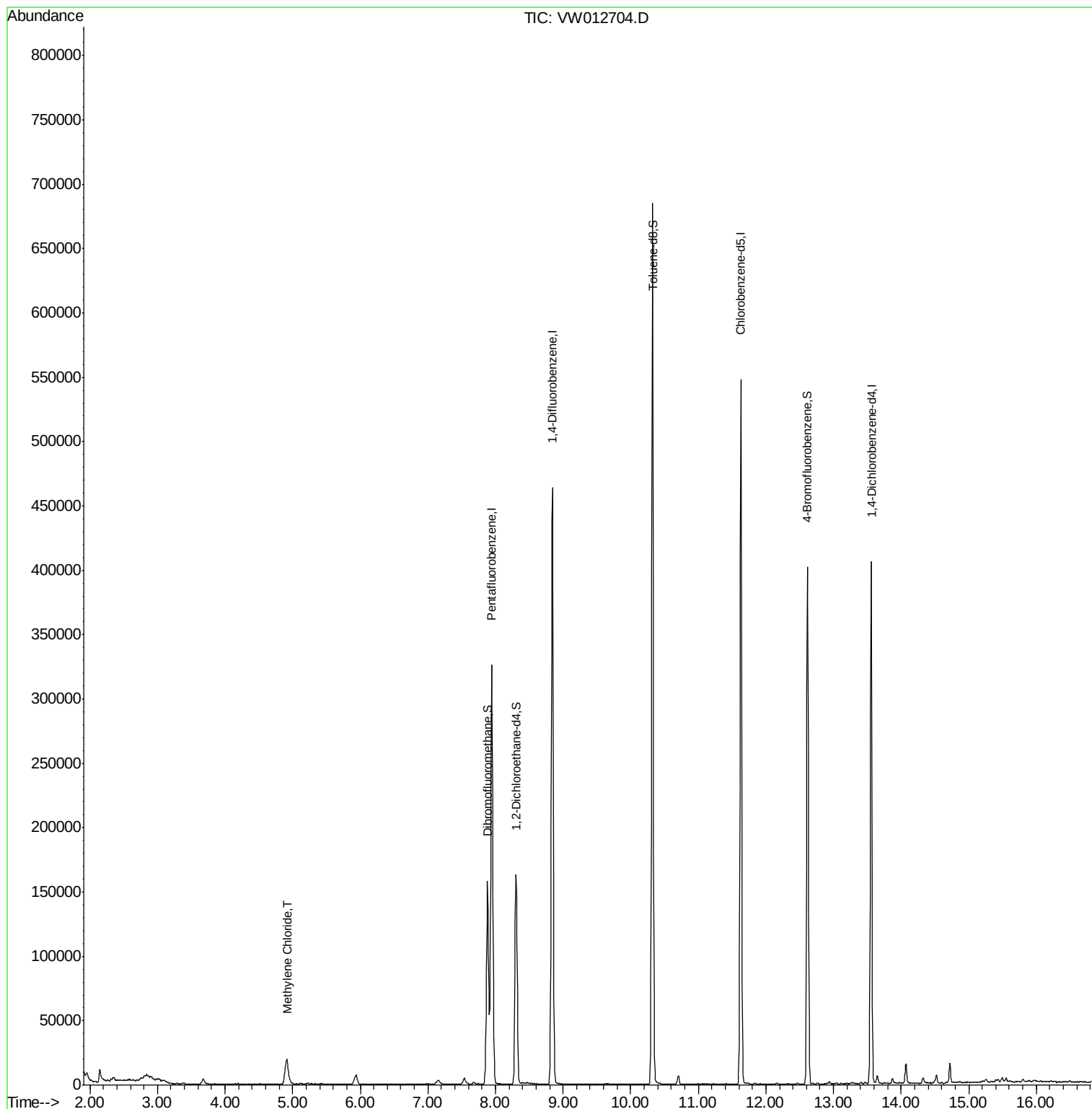
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	373237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138451	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
35) Dibromofluoromethane	7.88	113	109771	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	10.32	98	432661	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.62	95	125642	39.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.92%	
Target Compounds						
20) Methylene Chloride	4.91	84	15054	5.371	ug/l	Qvalue 96

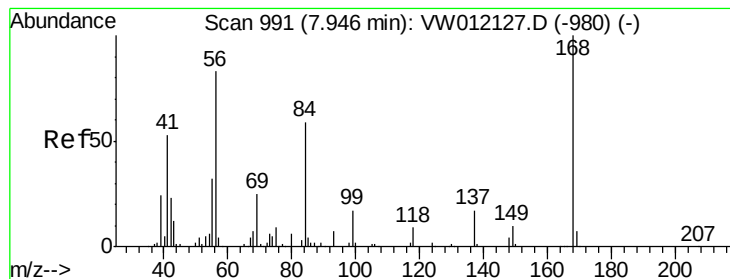
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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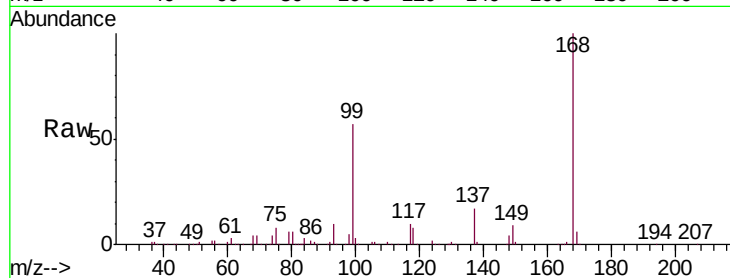
T12-D2-(3.5)

Tgt Ion:168 Resp: 243989

Ion Ratio Lower Upper

168 100

99 57.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

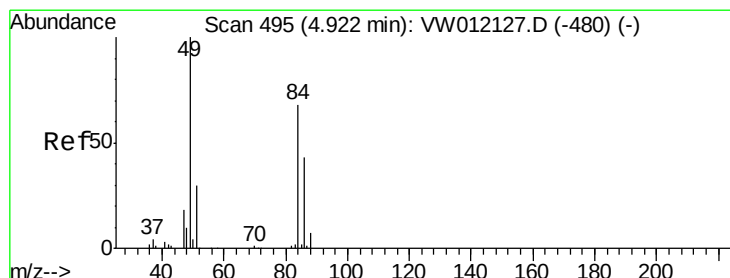
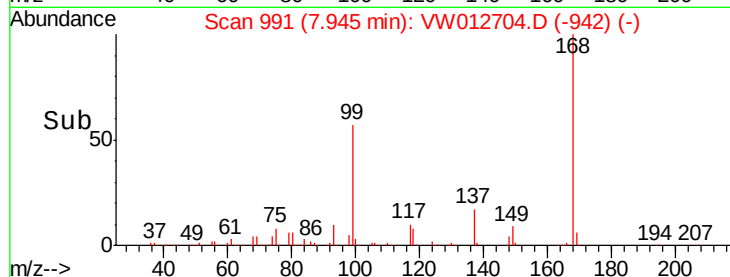
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.371 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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Acq: 06 Sep 2019 21:40

Tgt Ion: 84 Resp: 15054

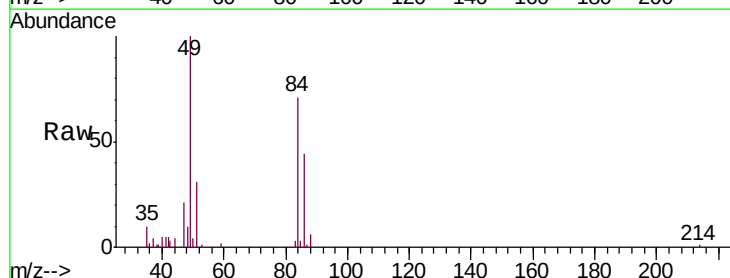
Ion Ratio Lower Upper

84 100

49 140.5 117.8 176.8

51 44.3 35.6 53.4

86 61.8 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

8000

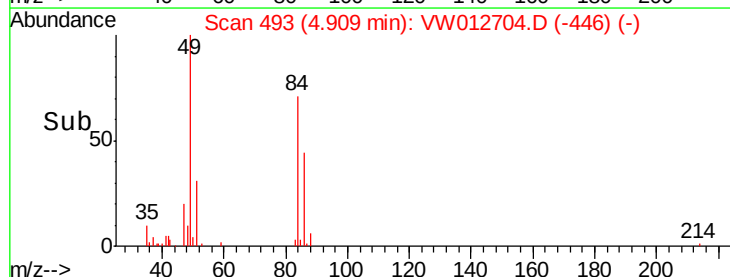
6000

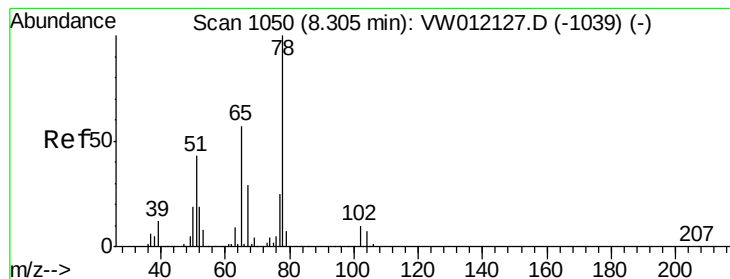
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.735 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

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ClientSampleId :

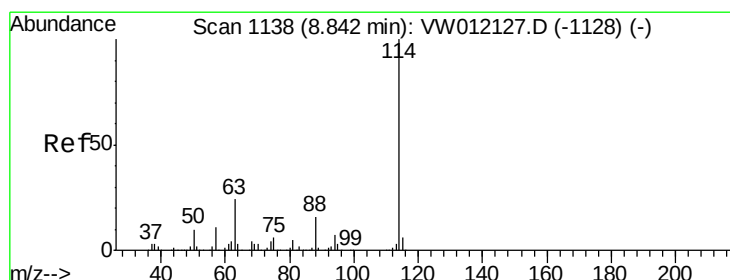
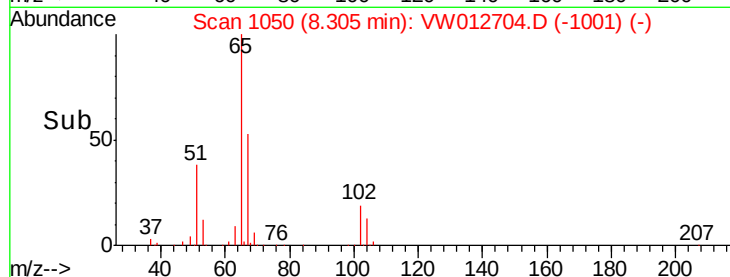
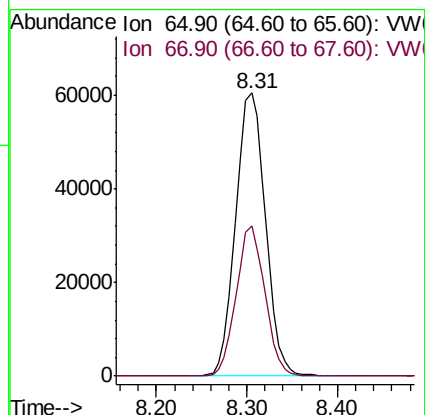
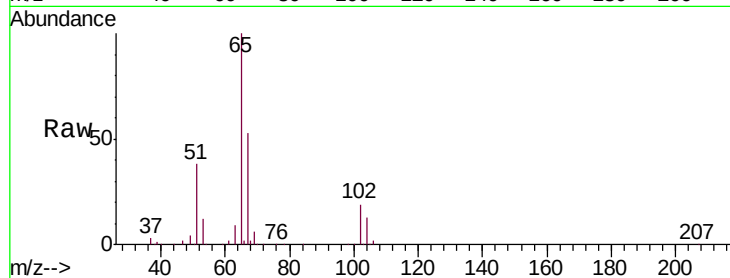
T12-D2-(3.5)

Tgt Ion: 65 Resp: 138451

Ion Ratio Lower Upper

65 100

67 51.0 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

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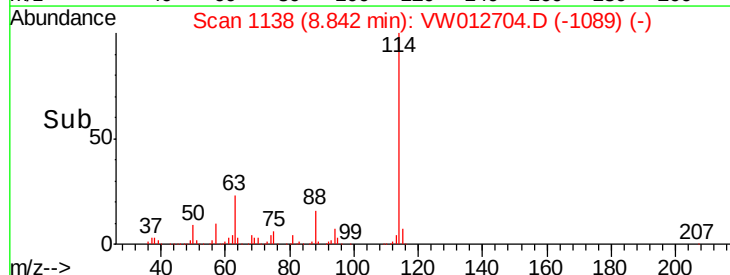
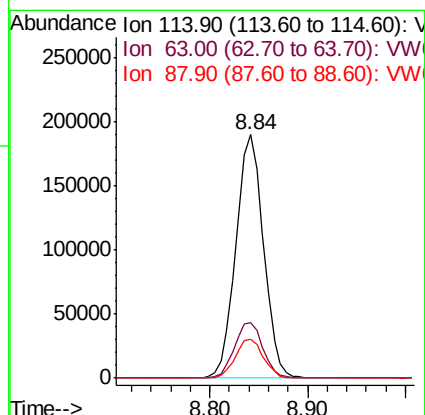
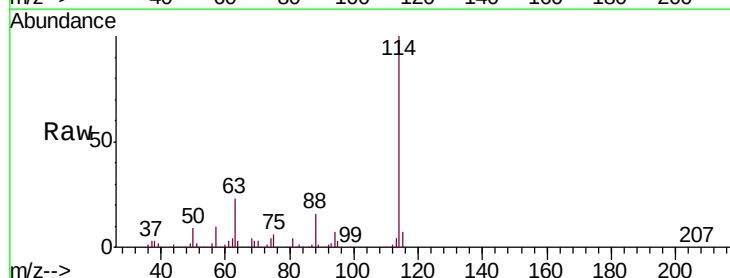
Tgt Ion: 114 Resp: 373237

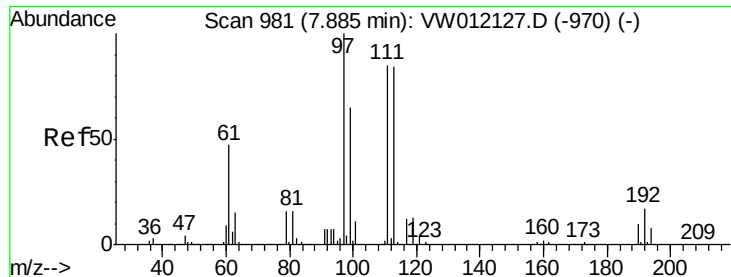
Ion Ratio Lower Upper

114 100

63 23.0 0.0 48.6

88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.272 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

T12-D2-(3.5)

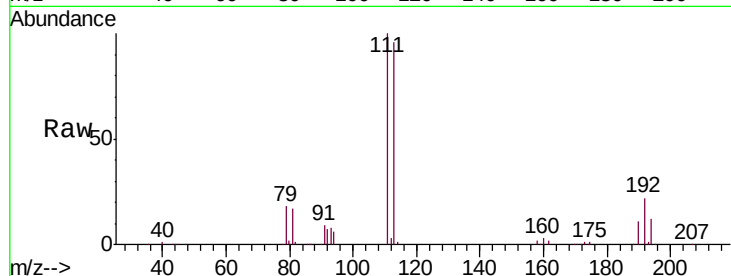
Tgt Ion:113 Resp: 109771

Ion Ratio Lower Upper

113 100

111 102.2 82.7 124.1

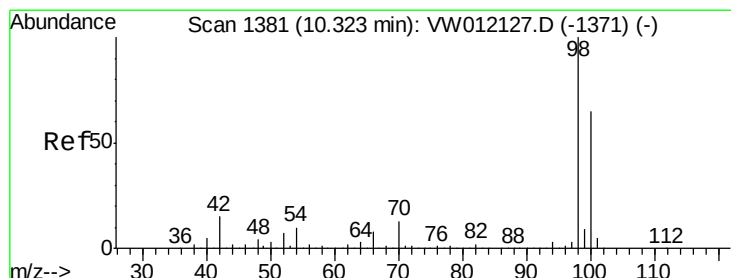
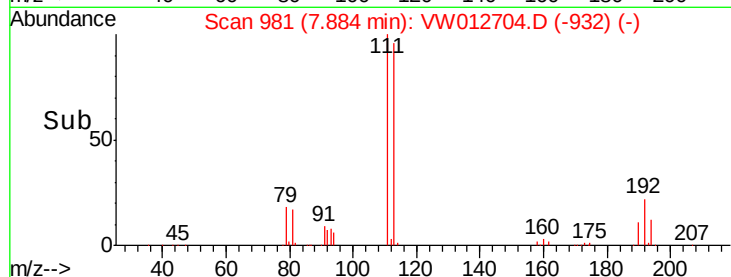
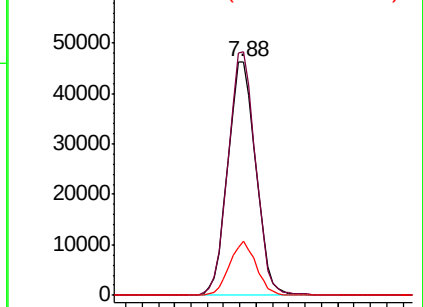
192 21.9 16.2 24.2



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: 47.896 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012704.D

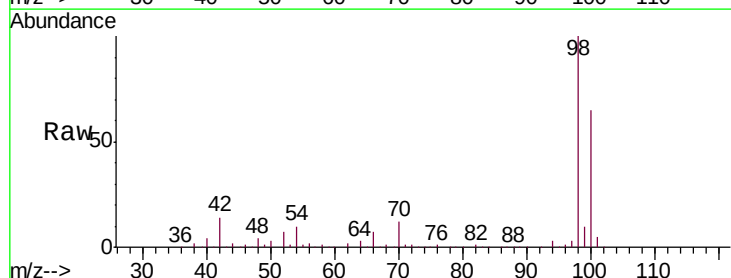
Acq: 06 Sep 2019 21:40

Tgt Ion: 98 Resp: 432661

Ion Ratio Lower Upper

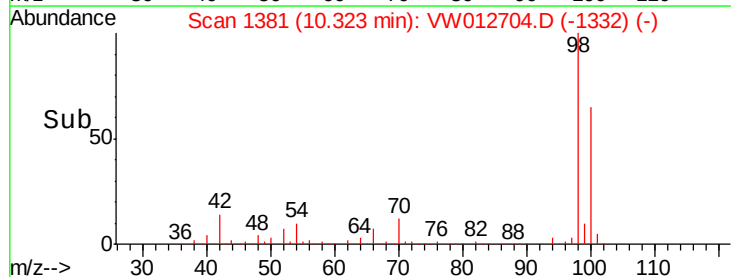
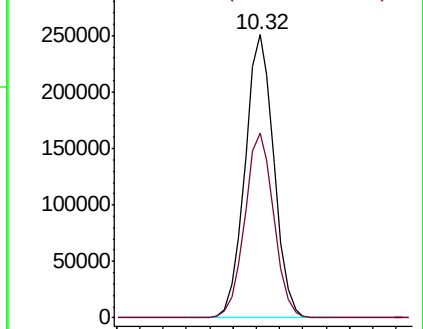
98 100

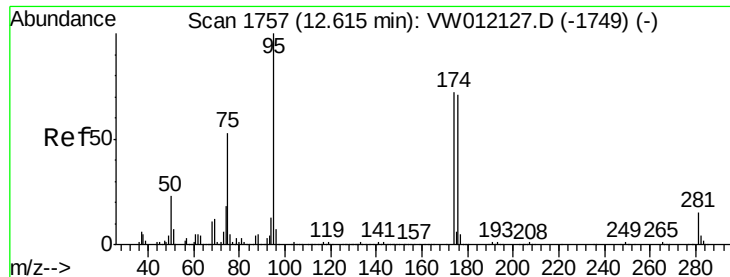
100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

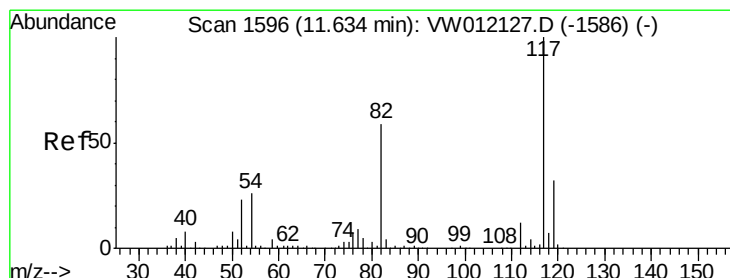
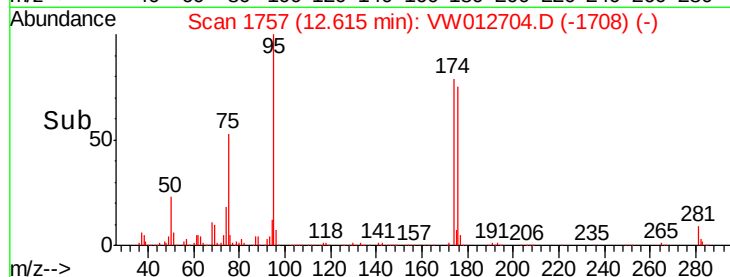
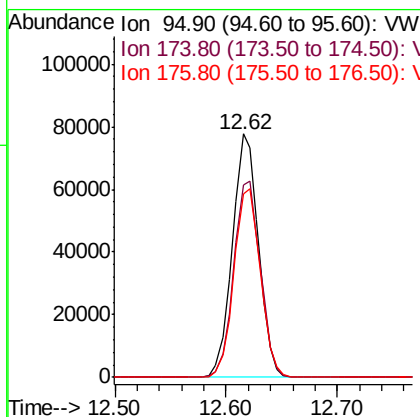
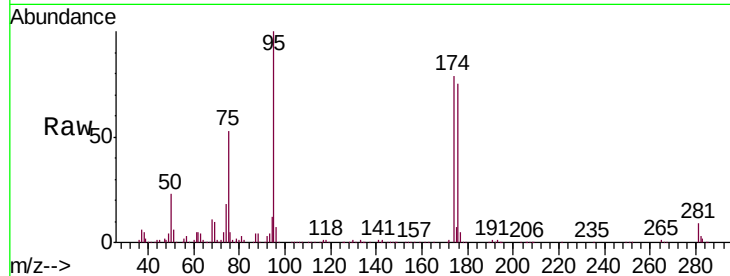




#62
4-Bromofluorobenzene
Concen: 39.457 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012704.D
Acq: 06 Sep 2019 21:40

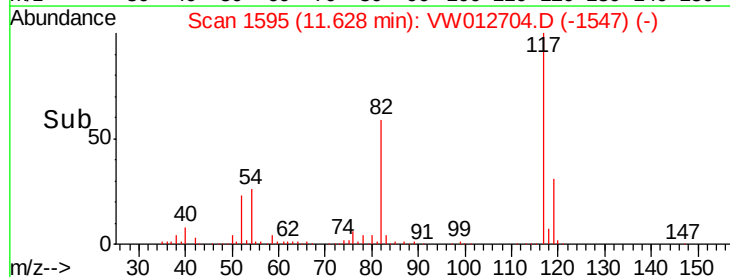
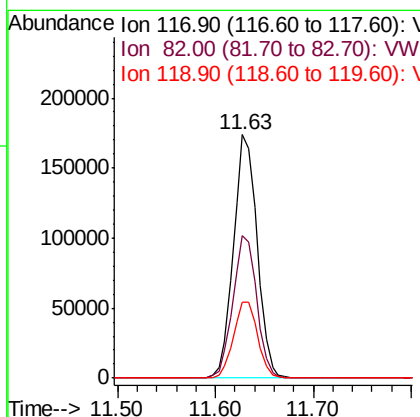
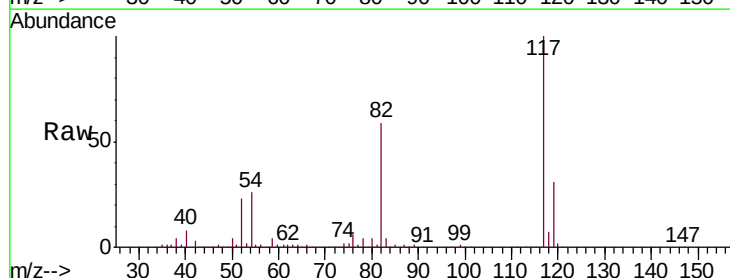
Instrument :
MSVOA_W
ClientSampleId :
T12-D2-(3.5)

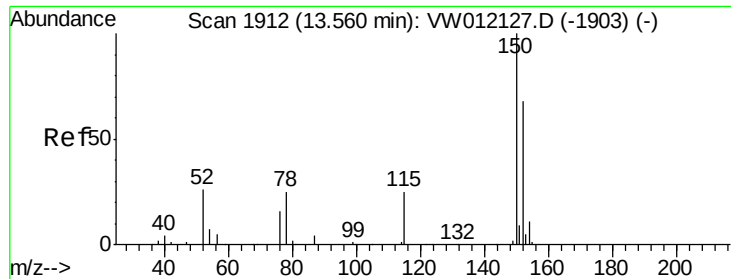
Tgt Ion: 95 Resp: 125642
Ion Ratio Lower Upper
95 100
174 82.3 0.0 150.8
176 78.8 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012704.D
Acq: 06 Sep 2019 21:40

Tgt Ion: 117 Resp: 292089
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012704.D

Acq: 06 Sep 2019 21:40

Instrument :

MSVOA_W

ClientSampleId :

T12-D2-(3.5)

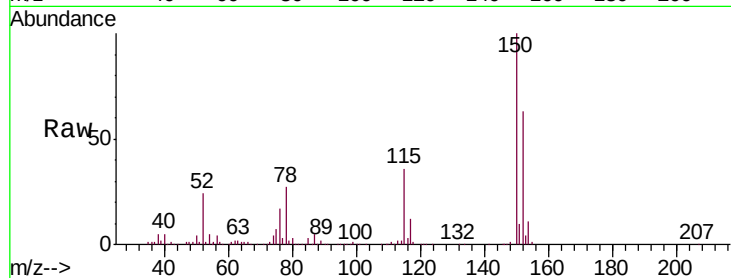
Tgt Ion:152 Resp: 105220

Ion Ratio Lower Upper

152 100

115 58.2 30.1 90.3

150 157.3 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

