

Data File : VW012702.D
Acq On : 06 Sep 2019 20:49
Operator : SY/VA
Sample : K4581-15
Misc : 3.93G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T12-D4-(0)

Quant Time: Sep 07 06:39:42 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

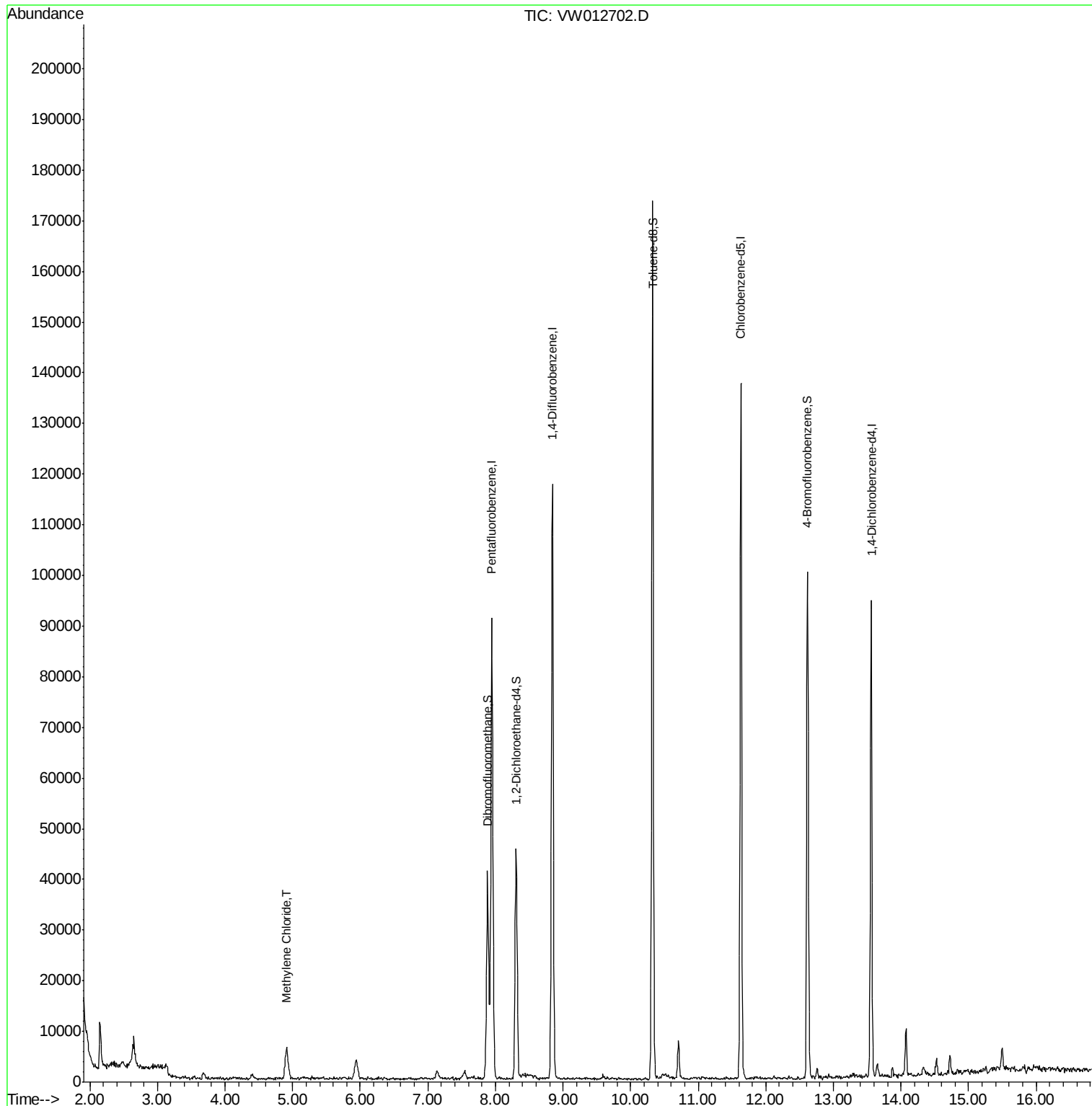
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	93555	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	75171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	25018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35836	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
35) Dibromofluoromethane	7.88	113	28629	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
50) Toluene-d8	10.32	98	109284	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	12.62	95	30242	37.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.78%	
Target Compounds						
20) Methylene Chloride	4.92	84	4074	5.309	ug/l #	Qvalue 81

(#) = 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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Instrument :

MSVOA_W

ClientSampleId :

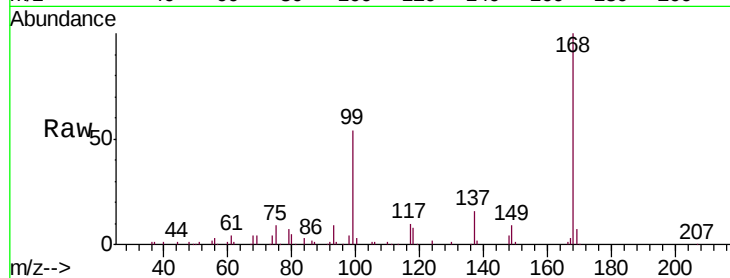
T12-D4-(0)

Tgt Ion:168 Resp: 66797

Ion Ratio Lower Upper

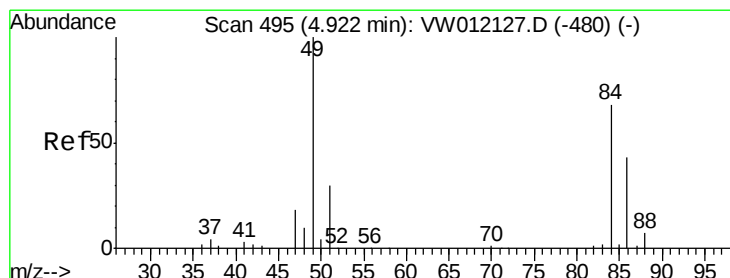
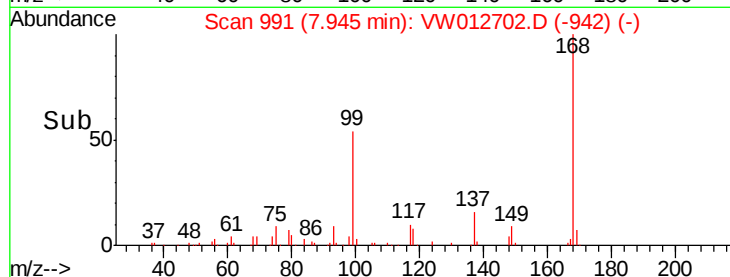
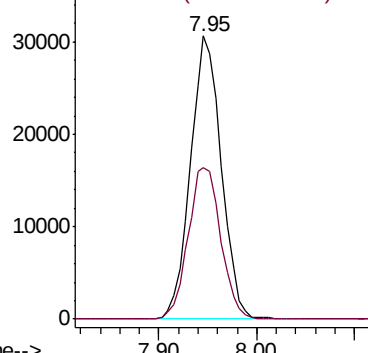
168 100

99 53.5 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: 5.309 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012702.D

Acq: 06 Sep 2019 20:49

Tgt Ion: 84 Resp: 4074

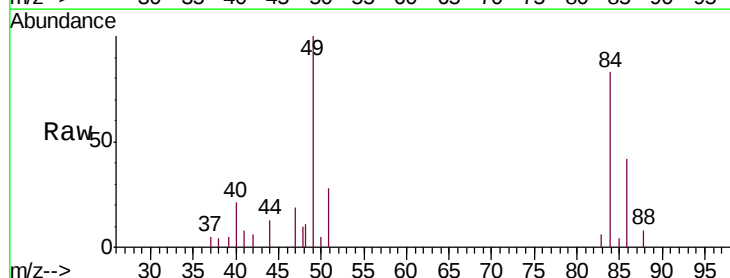
Ion Ratio Lower Upper

84 100

49 120.7 117.8 176.8

51 33.7 35.6 53.4#

86 50.4 51.2 76.8#

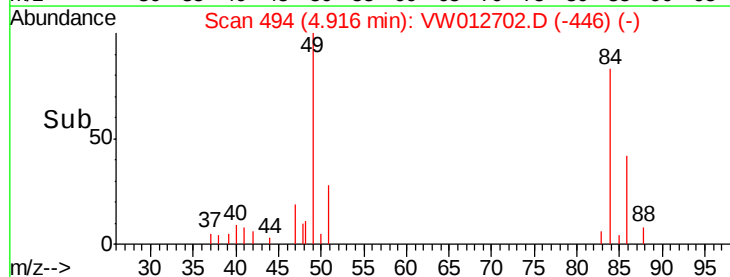
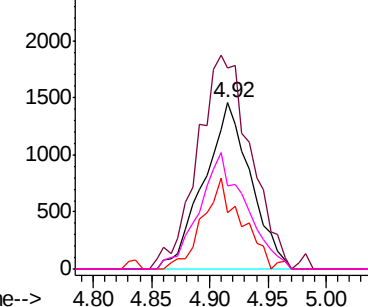


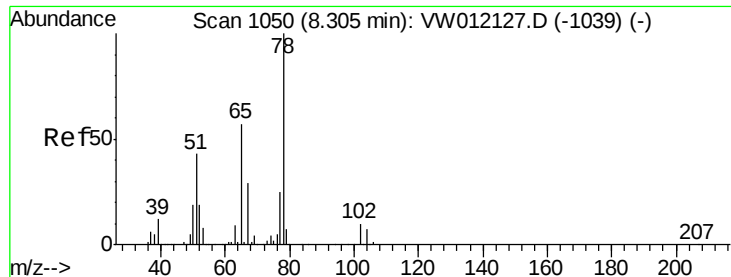
Abundance Ion 83.90 (83.60 to 84.60): VW

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

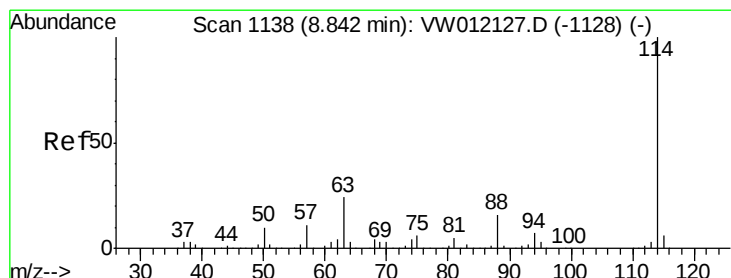
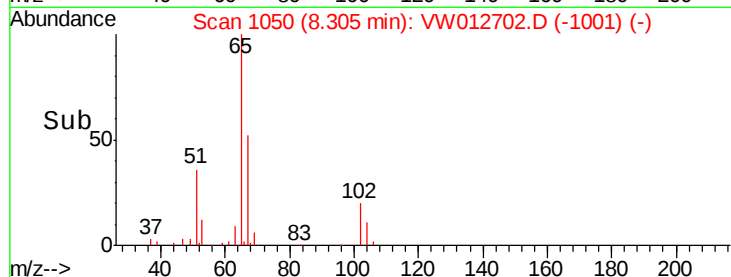
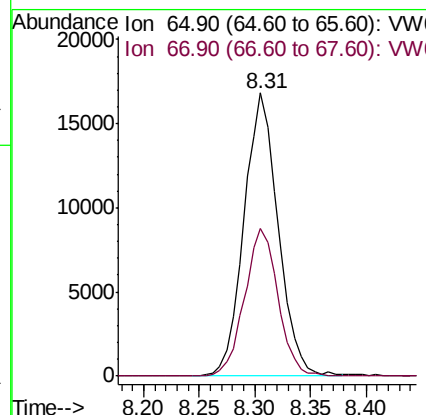
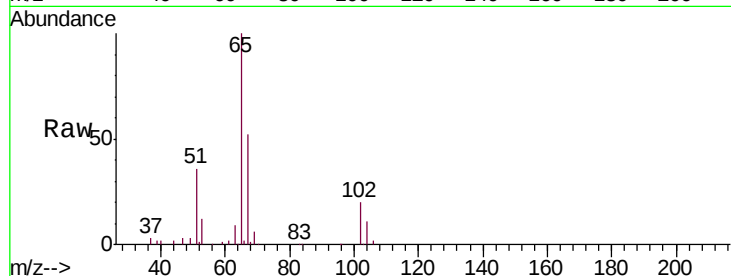




#33
 1,2-Dichloroethane-d4
 Concen: 45.130 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012702.D
 Acq: 06 Sep 2019 20:49

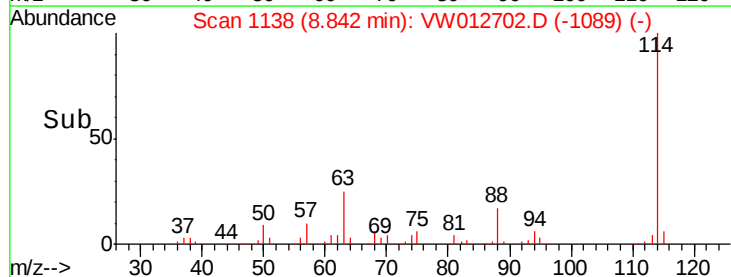
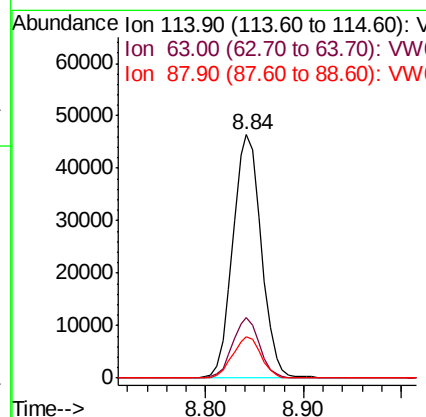
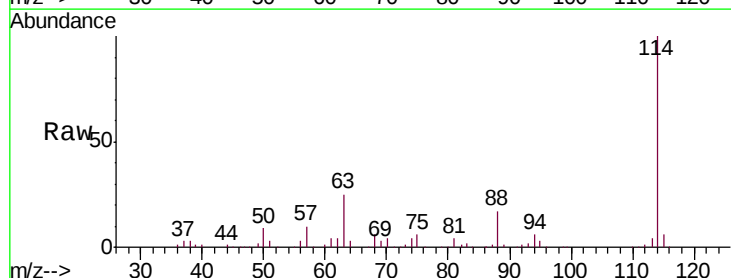
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-D4-(0)

Tgt Ion: 65 Resp: 35836
 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
 Lab File: VW012702.D
 Acq: 06 Sep 2019 20:49

Tgt Ion: 114 Resp: 93555
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 48.6
 88 16.8 0.0 32.2

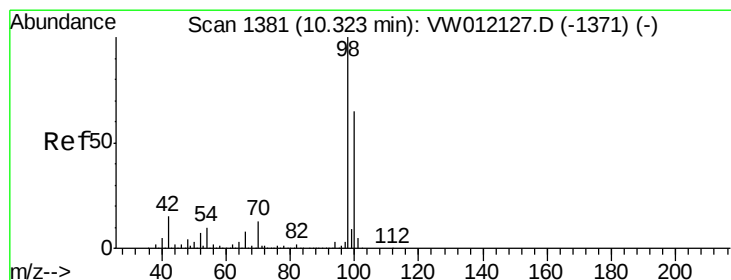
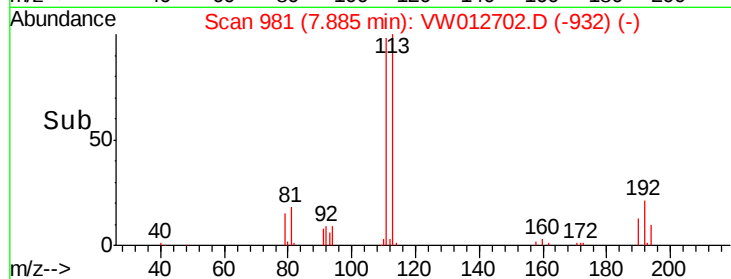
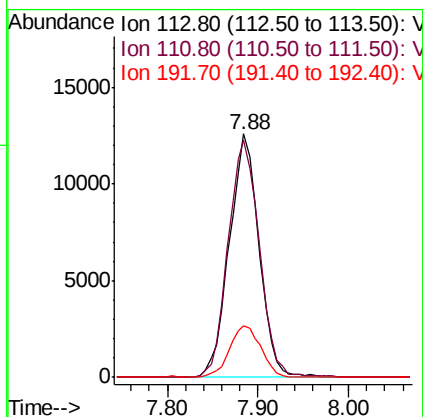
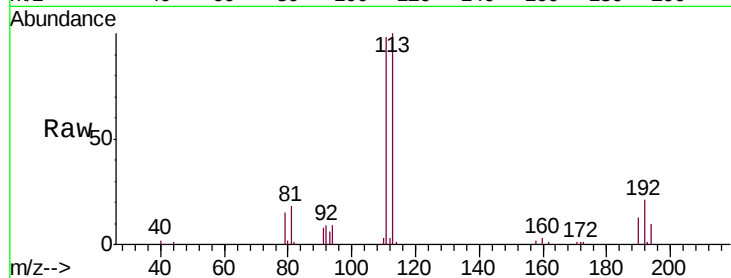




#35
 Dibromofluoromethane
 Concen: 51.267 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012702.D
 Acq: 06 Sep 2019 20:49

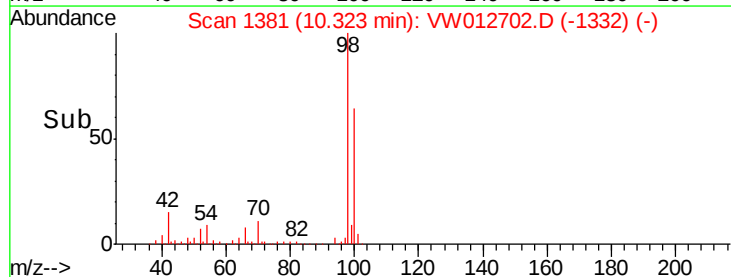
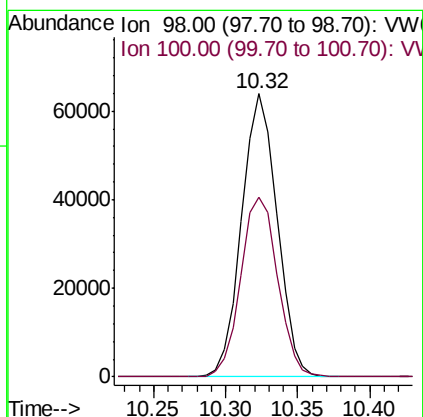
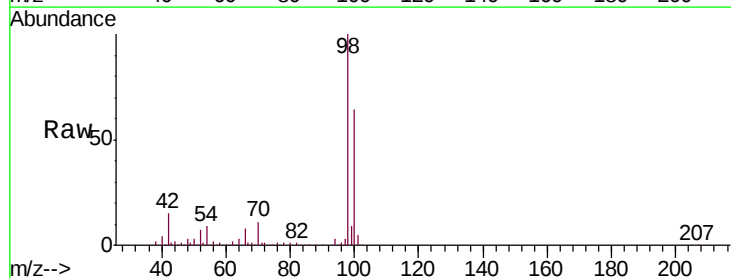
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-D4-(0)

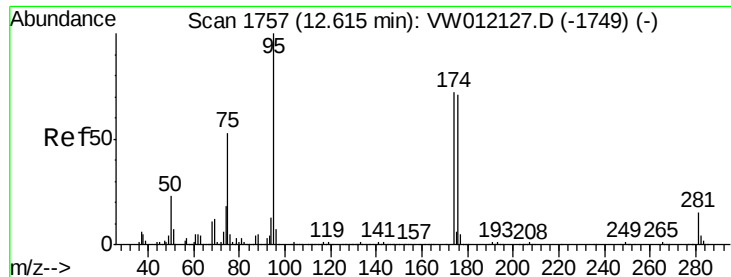
Tgt Ion:113 Resp: 28629
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.7 124.1
 192 22.2 16.2 24.2



#50
 Toluene-d8
 Concen: 48.264 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012702.D
 Acq: 06 Sep 2019 20:49

Tgt Ion: 98 Resp: 109284
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 37.890 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012702.D

Acq: 06 Sep 2019 20:49

Instrument :

MSVOA_W

ClientSampleId :

T12-D4-(0)

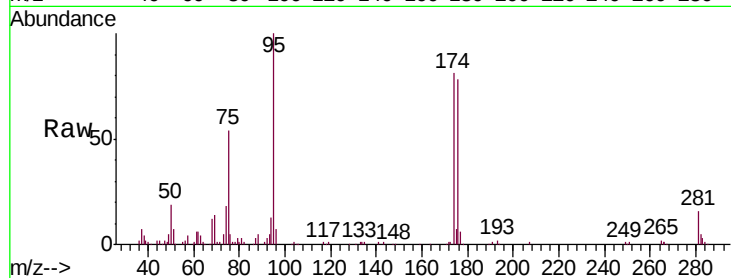
Tgt Ion: 95 Resp: 30242

Ion Ratio Lower Upper

95 100

174 84.7 0.0 150.8

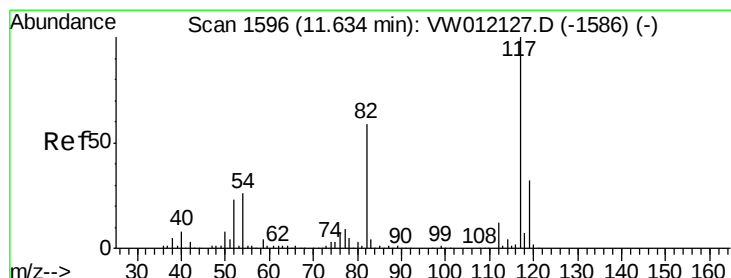
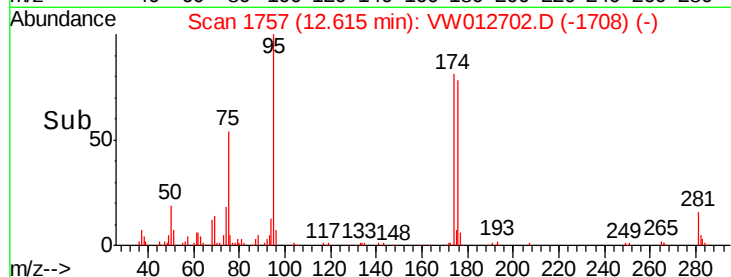
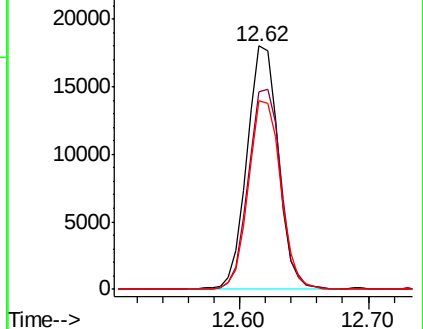
176 79.6 0.0 148.6



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# 1596

Delta R.T. -0.00 min

Lab File: VW012702.D

Acq: 06 Sep 2019 20:49

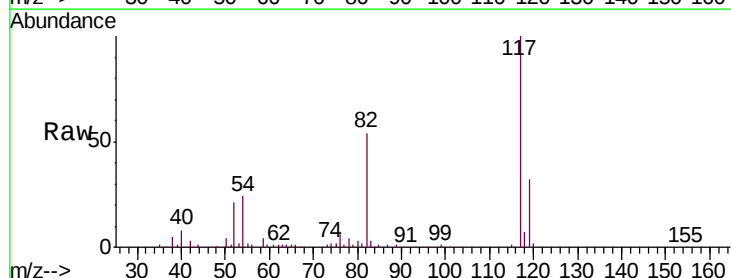
Tgt Ion: 117 Resp: 75171

Ion Ratio Lower Upper

117 100

82 54.3 47.4 71.2

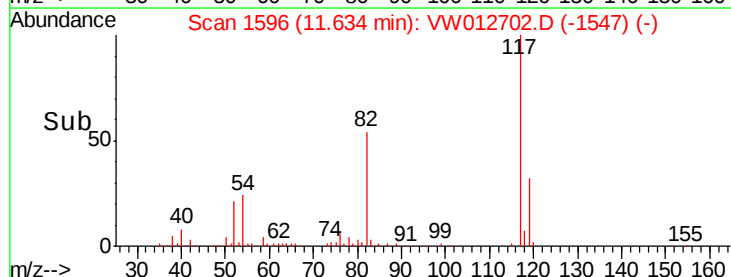
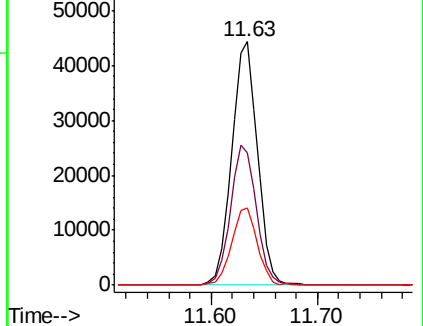
119 31.5 25.4 38.2

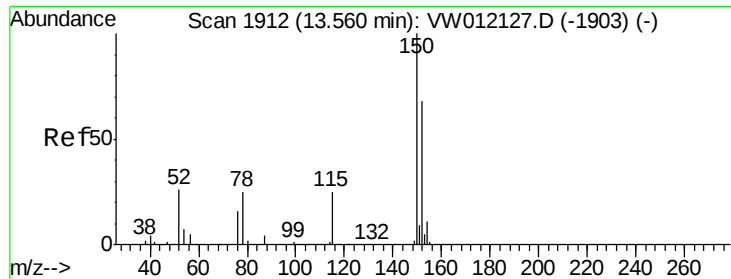


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012702.D

Acq: 06 Sep 2019 20:49

Instrument :

MSVOA_W

ClientSampleId :

T12-D4-(0)

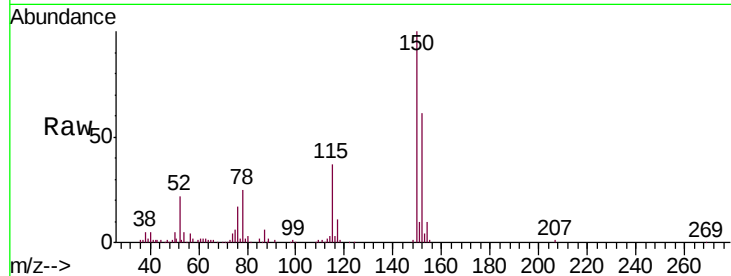
Tgt Ion:152 Resp: 25018

Ion Ratio Lower Upper

152 100

115 57.0 30.1 90.3

150 155.0 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

