

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012361.D
 Acq On : 30 Aug 2019 20:01
 Operator : SY/VA
 Sample : K4493-22
 Misc : 5.19G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-G4-(1.9)

Quant Time: Aug 31 04:16:46 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

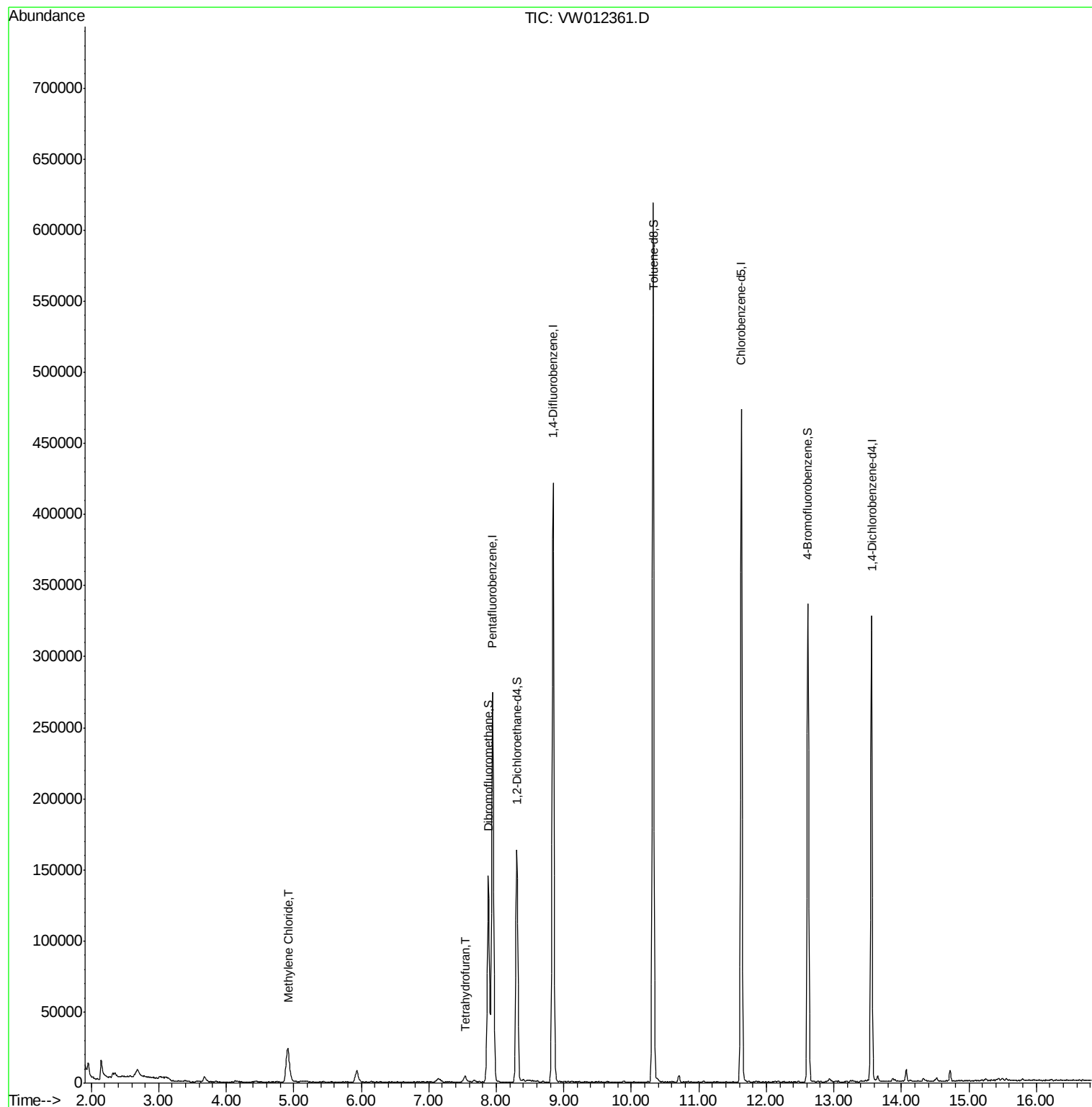
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	325644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	250232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	81988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128628	55.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.58%	
35) Dibromofluoromethane	7.88	113	100339	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
50) Toluene-d8	10.32	98	389346	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.62	95	107066	38.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.08%	
Target Compounds						
20) Methylene Chloride	4.92	84	18221	8.106	ug/l	89
29) Tetrahydrofuran	7.54	42	3893	8.030	ug/l	97

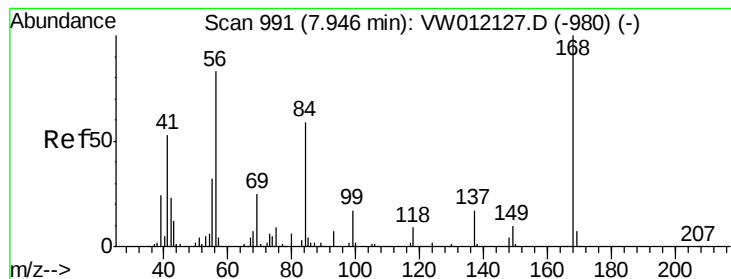
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW012361.D

Acq: 30 Aug 2019 20:01

Instrument :

MSVOA_W

ClientSampleId :

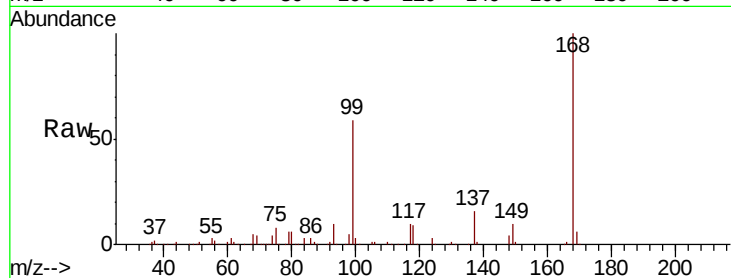
T9-12-13-G4-(1.9)

Tot Ion:168 Resp: 195687

Ion Ratio Lower Upper

168 100

99 58.9 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

100000

80000

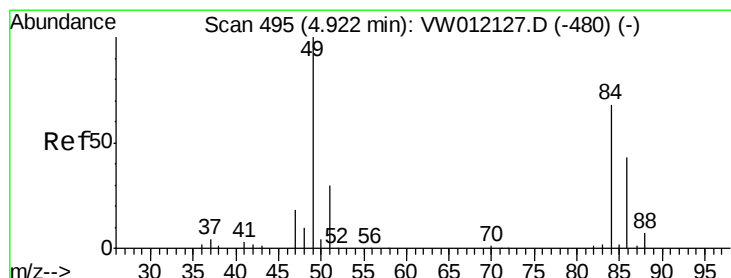
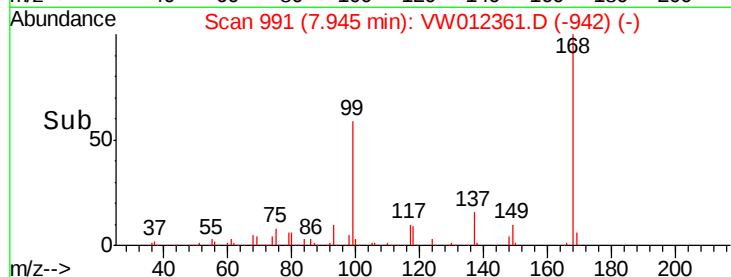
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 8.106 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012361.D

Acq: 30 Aug 2019 20:01

Tgt Ion: 84 Resp: 18221

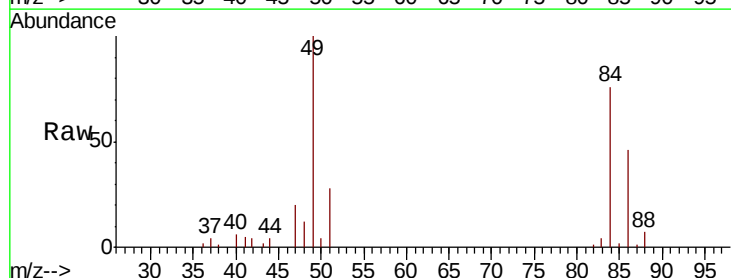
Ion Ratio Lower Upper

84 100

49 131.1 117.8 176.8

51 36.1 35.6 53.4

86 59.9 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

12000

10000

8000

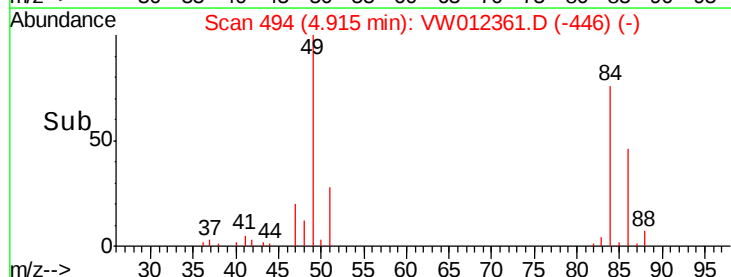
6000

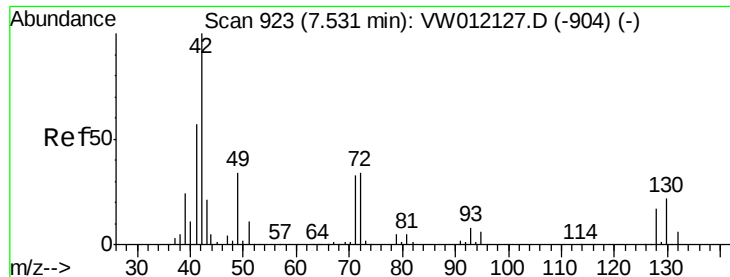
4000

2000

0

Time--> 4.80 4.90 5.00





#29

Tetrahydrofuran

Concen: 8.030 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012361.D

Acq: 30 Aug 2019 20:01

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-G4-(1.9)

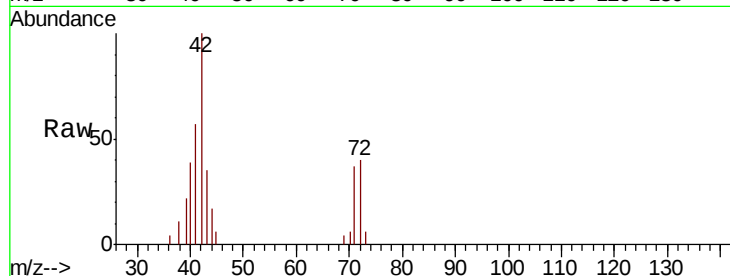
Tot Ion: 42 Resp: 3893

Ion Ratio Lower Upper

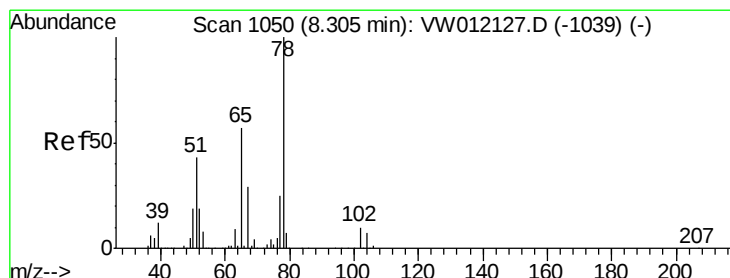
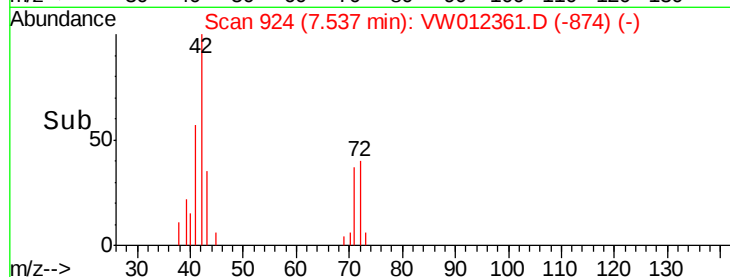
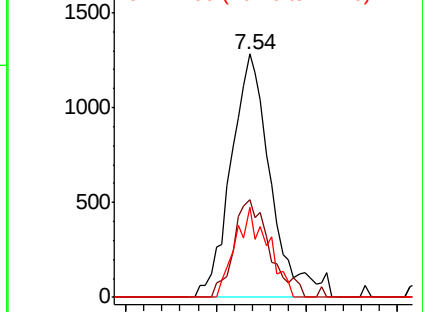
42 100

72 36.2 27.3 40.9

71 30.9 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 55.294 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012361.D

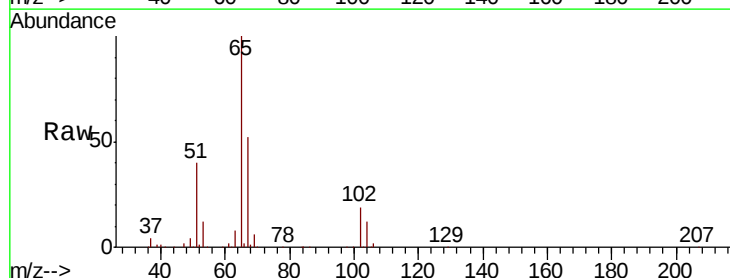
Acq: 30 Aug 2019 20:01

Tgt Ion: 65 Resp: 128628

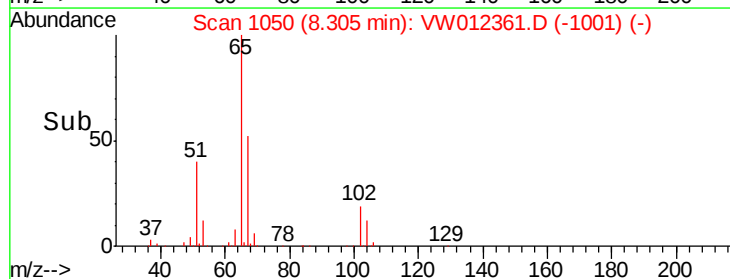
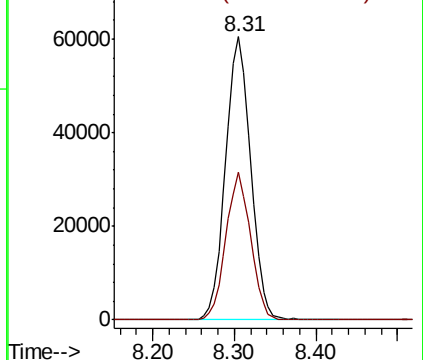
Ion Ratio Lower Upper

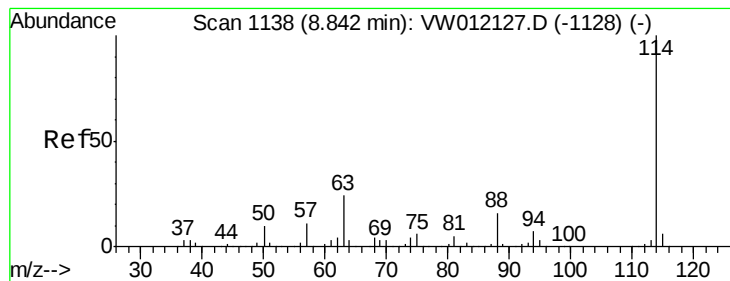
65 100

67 51.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012361.D

Acq: 30 Aug 2019 20:01

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-G4-(1.9)

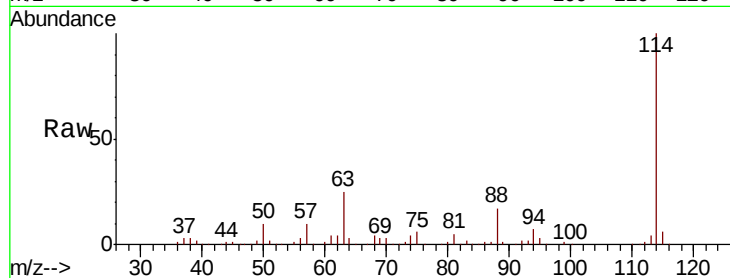
Tot Ion:114 Resp: 325644

Ion Ratio Lower Upper

114 100

63 24.5 0.0 48.6

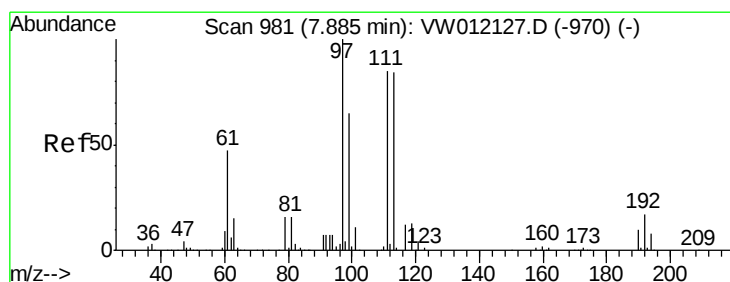
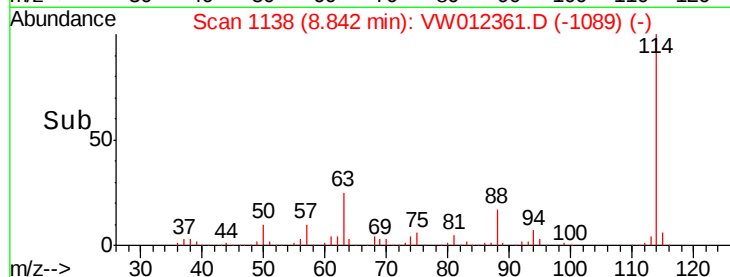
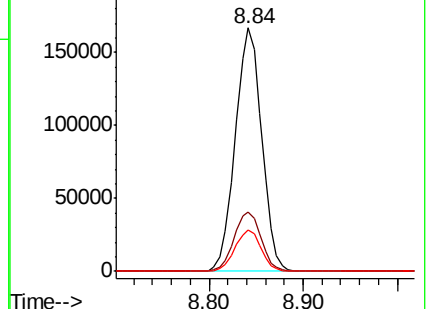
88 16.7 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 51.621 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012361.D

Acq: 30 Aug 2019 20:01

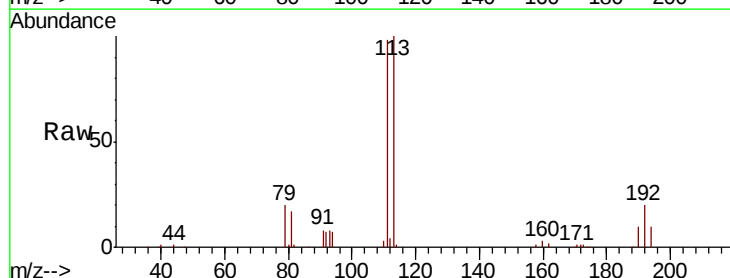
Tgt Ion:113 Resp: 100339

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

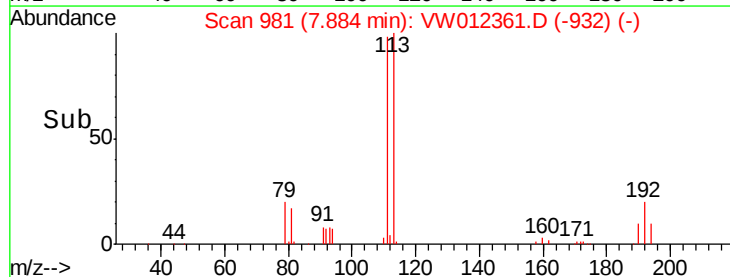
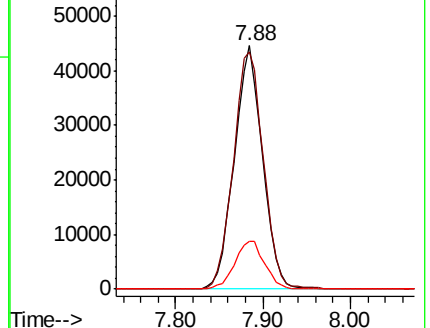
192 20.7 16.2 24.2

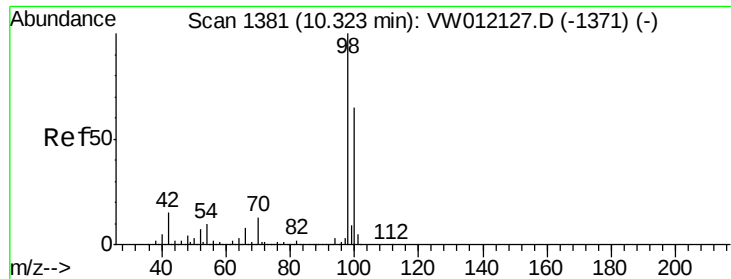


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

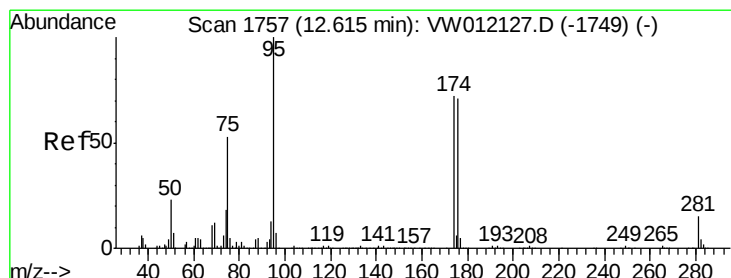
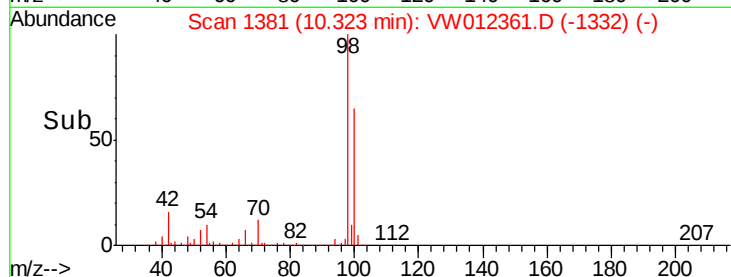
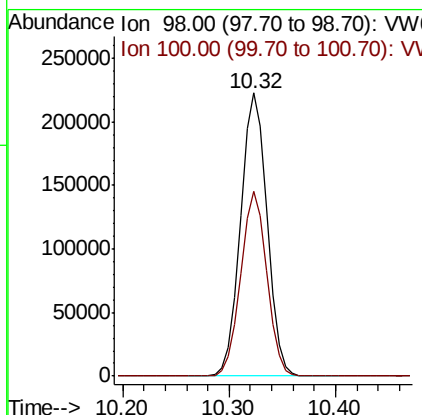
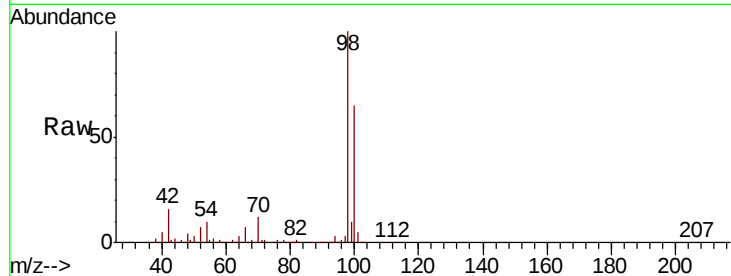




#50
Toluene-d8
Concen: 49.400 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012361.D
Acq: 30 Aug 2019 20:01

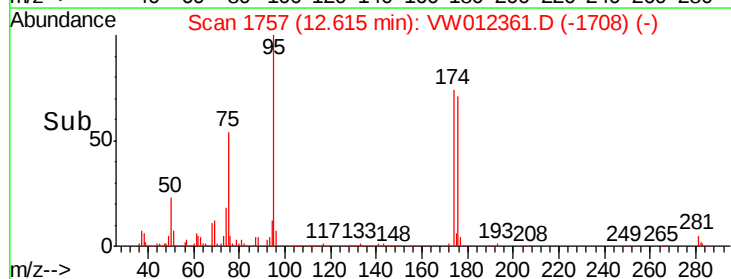
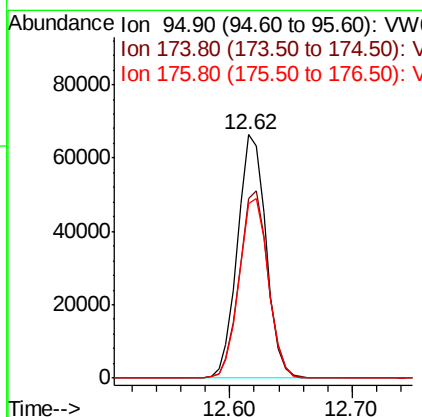
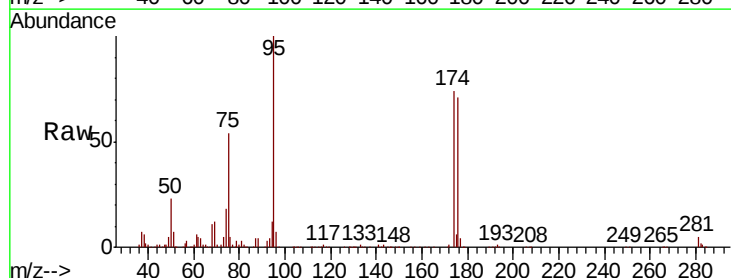
Instrument :
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T9-12-13-G4-(1.9)

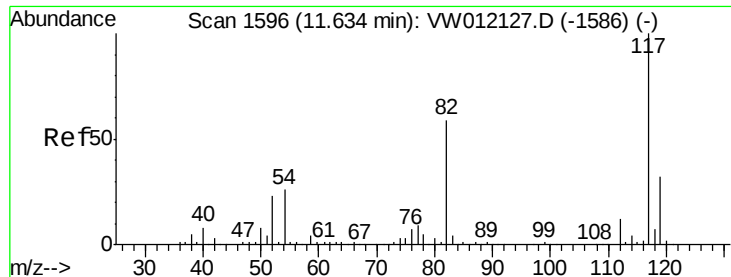
Tot Ion: 98 Resp: 389346
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 38.538 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012361.D
Acq: 30 Aug 2019 20:01

Tgt Ion: 95 Resp: 107066
Ion Ratio Lower Upper
95 100
174 77.7 0.0 150.8
176 75.7 0.0 148.6

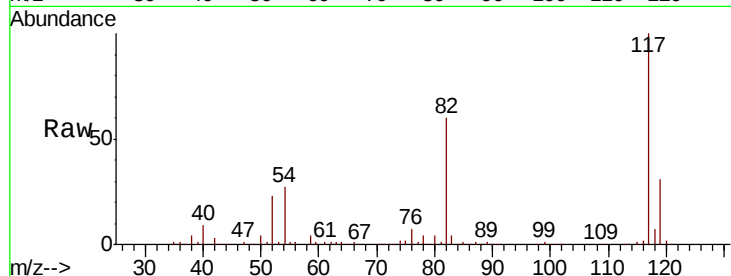




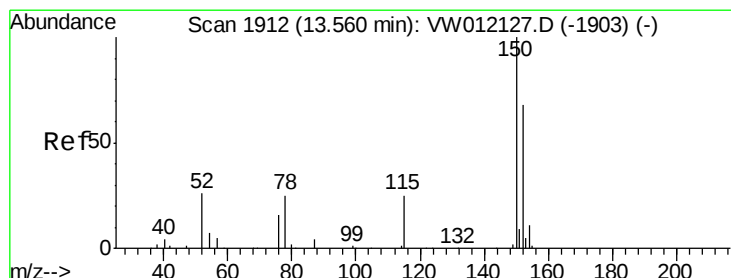
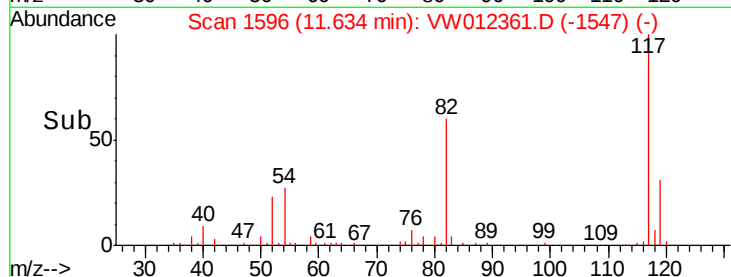
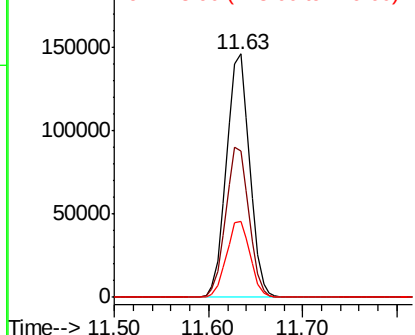
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012361.D
Acq: 30 Aug 2019 20:01

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-G4-(1.9)

Tot Ion:117 Resp: 250232
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 31.3 25.4 38.2

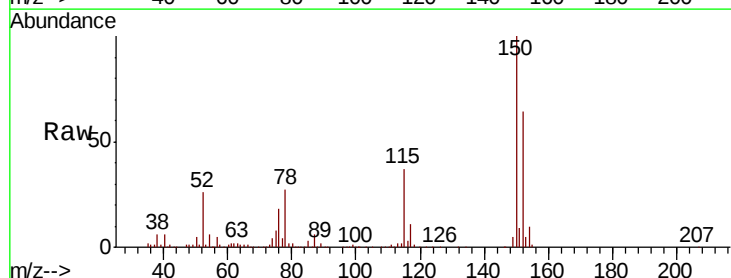


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012361.D
Acq: 30 Aug 2019 20:01

Tgt Ion:152 Resp: 81988
Ion Ratio Lower Upper
152 100
115 61.0 30.1 90.3
150 156.9 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

