

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012190.D
 Acq On : 26 Aug 2019 23:50
 Operator : SY/VA
 Sample : K4472-06
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S3-(2.5)

Quant Time: Aug 27 06:36:02 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

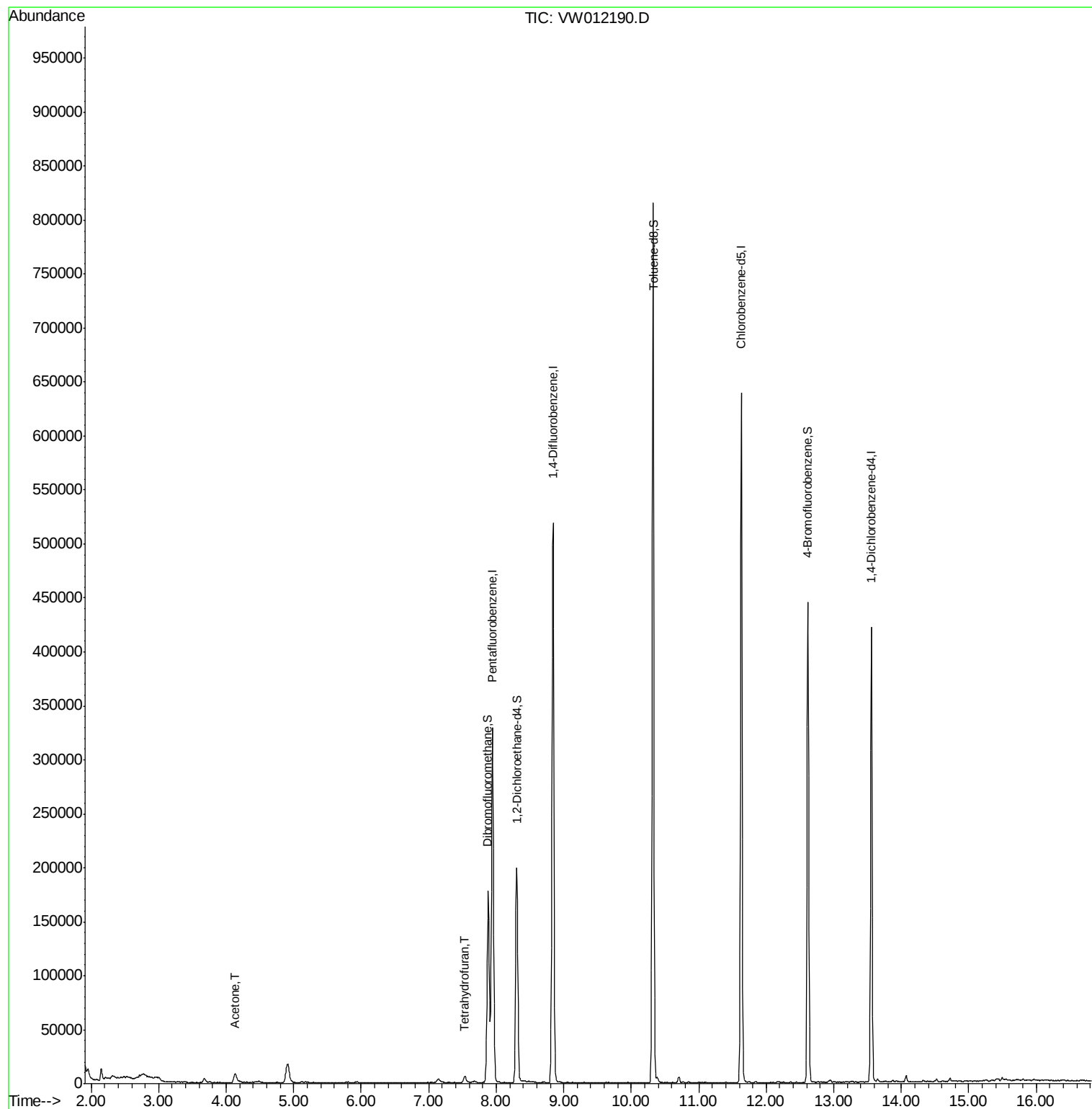
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	403872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	104372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	161062	56.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.46%	
35) Dibromofluoromethane	7.88	113	126720	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
50) Toluene-d8	10.32	98	504135	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.62	95	143932	41.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.54%	
Target Compounds						
16) Acetone	4.14	43	18182	25.051	ug/l	97
29) Tetrahydrofuran	7.54	42	5794	9.792	ug/l	98

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

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Quant Title : SW846 8260
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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: VW012190.D

Acq: 26 Aug 2019 23:50

Instrument :

MSVOA_W

ClientSampleId :

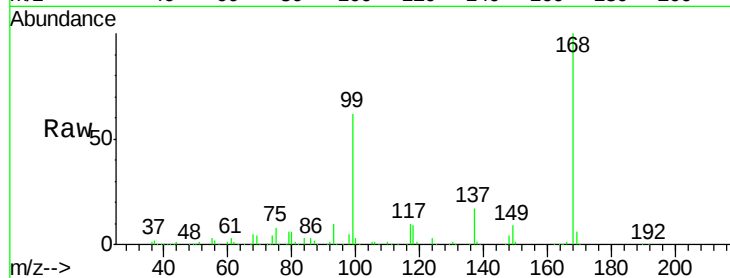
T1-S3-(2.5)

Tot Ion:168 Resp: 238847

Ion Ratio Lower Upper

168 100

99 62.0 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

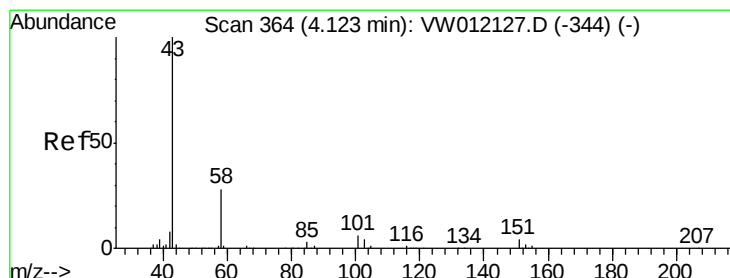
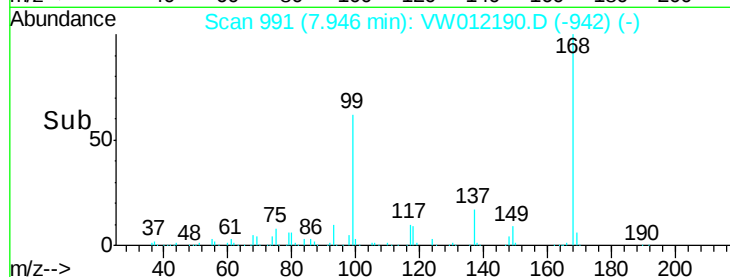
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 25.051 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012190.D

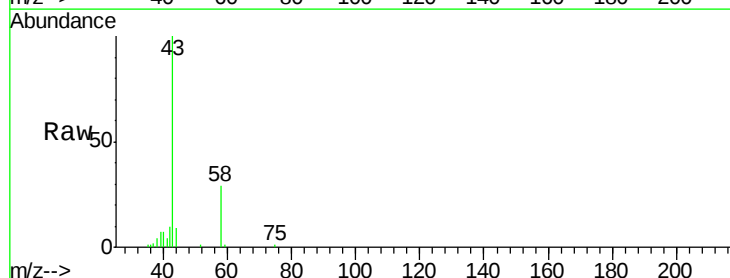
Acq: 26 Aug 2019 23:50

Tgt Ion: 43 Resp: 18182

Ion Ratio Lower Upper

43 100

58 29.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

5000

4000

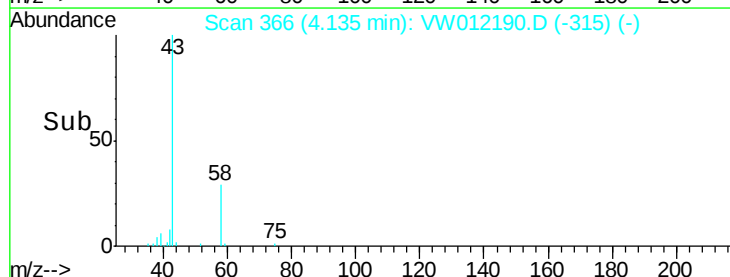
3000

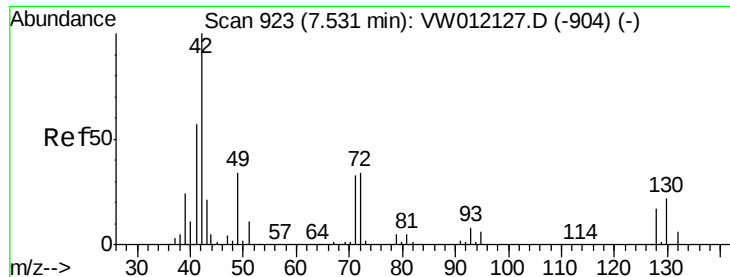
2000

1000

0

Time-->





#29

Tetrahydrofuran

Concen: 9.792 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012190.D

Acq: 26 Aug 2019 23:50

Instrument :

MSVOA_W

ClientSampled :

T1-S3-(2.5)

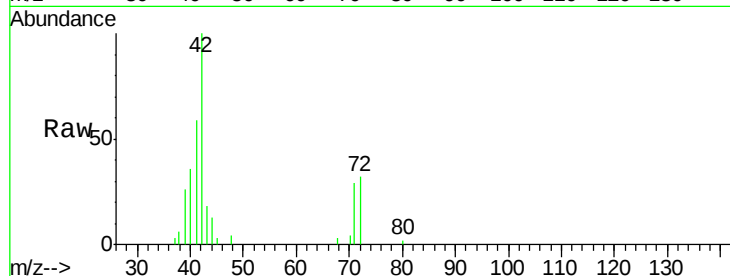
Tot Ion: 42 Resp: 5794

Ion Ratio Lower Upper

42 100

72 31.8 27.3 40.9

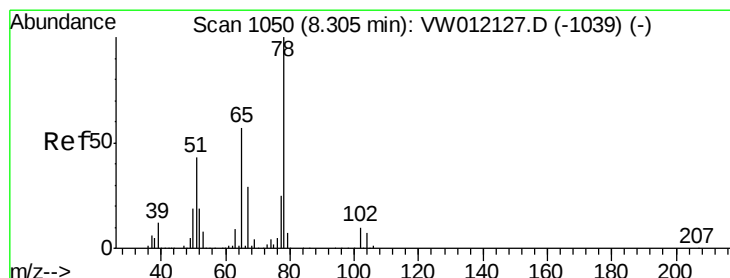
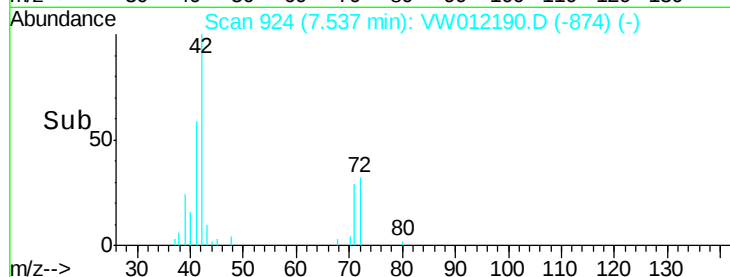
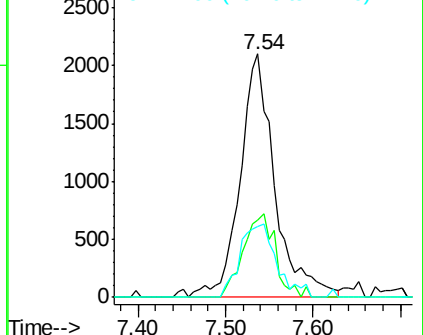
71 31.6 25.5 38.3



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: 56.726 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012190.D

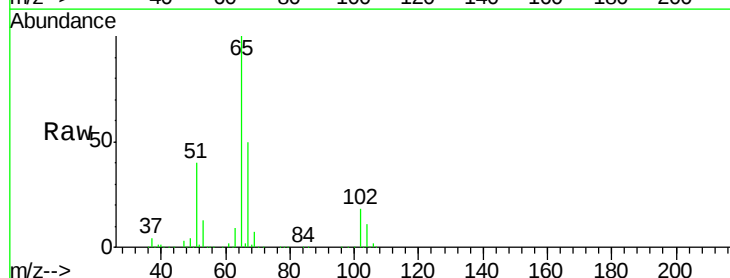
Acq: 26 Aug 2019 23:50

Tgt Ion: 65 Resp: 161062

Ion Ratio Lower Upper

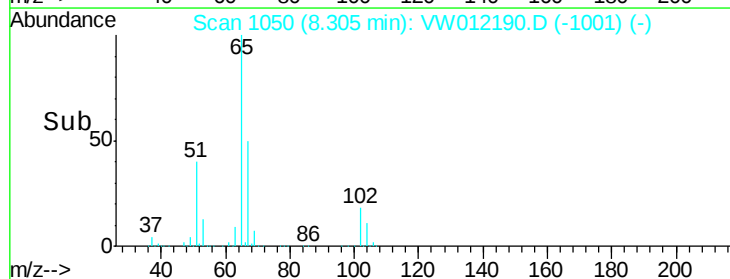
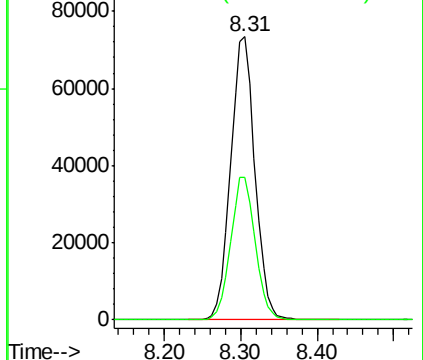
65 100

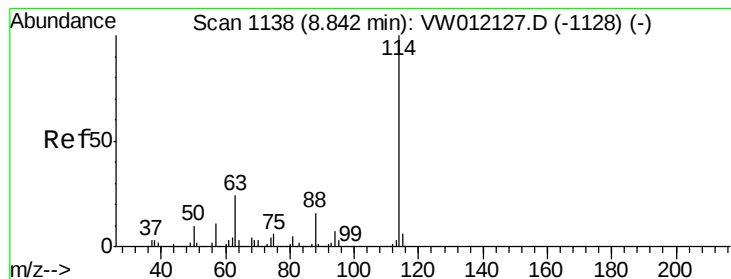
67 51.1 0.0 102.6



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: VW012190.D

Acq: 26 Aug 2019 23:50

Instrument :

MSVOA_W

ClientSampleId :

T1-S3-(2.5)

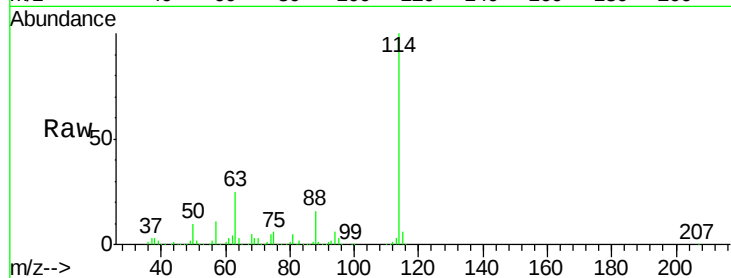
Tot Ion:114 Resp: 403872

Ion Ratio Lower Upper

114 100

63 25.1 0.0 48.6

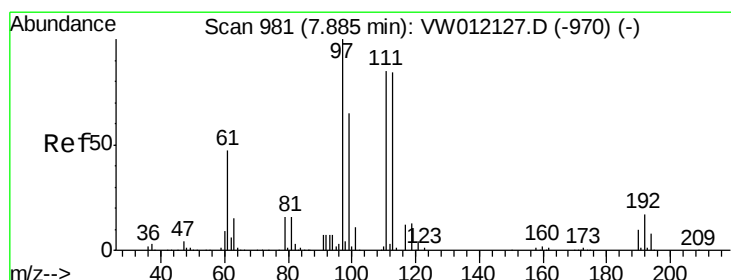
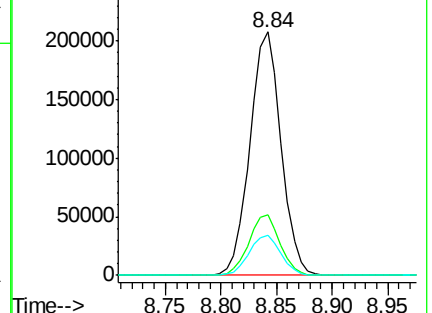
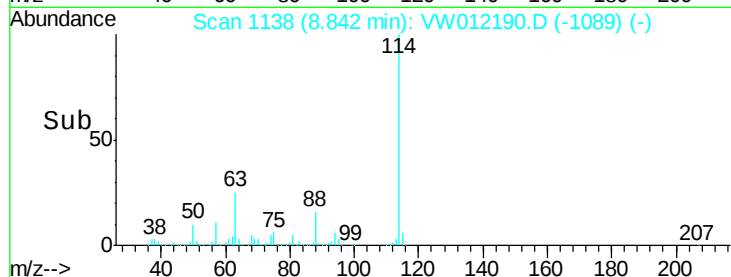
88 16.2 0.0 32.2



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: 52.565 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012190.D

Acq: 26 Aug 2019 23:50

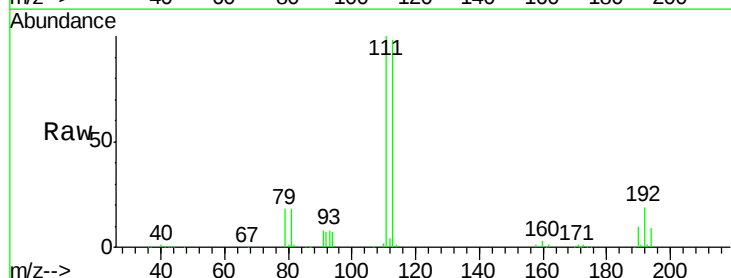
Tgt Ion:113 Resp: 126720

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

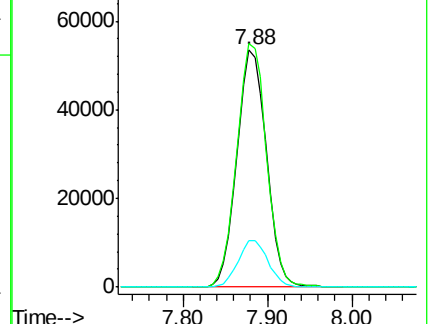
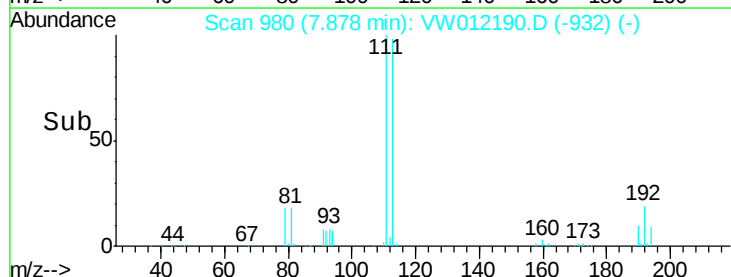
192 20.0 16.2 24.2

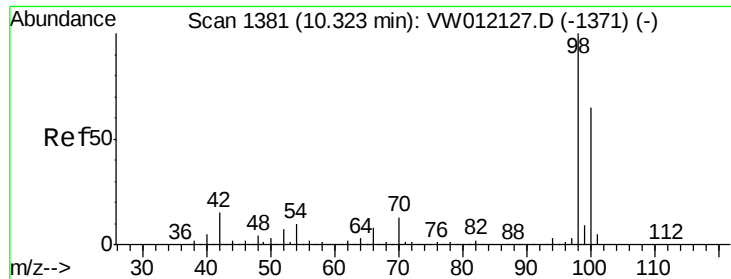


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.575 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012190.D

Acq: 26 Aug 2019 23:50

Instrument :

MSVOA_W

ClientSampleId :

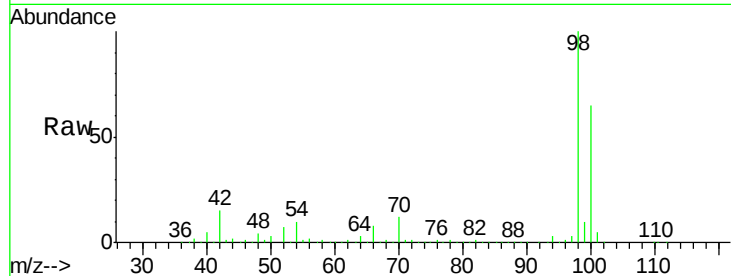
T1-S3-(2.5)

Tot Ion: 98 Resp: 504135

Ion Ratio Lower Upper

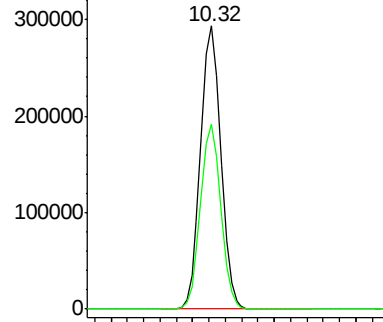
98 100

100 65.2 52.4 78.6

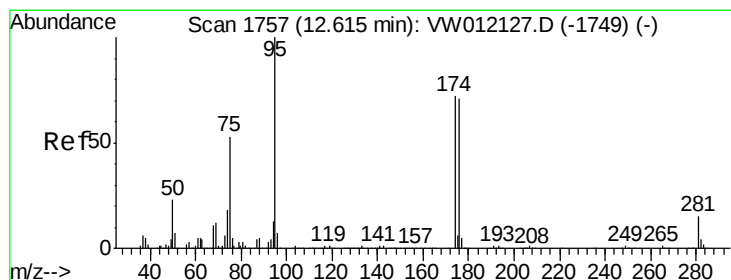
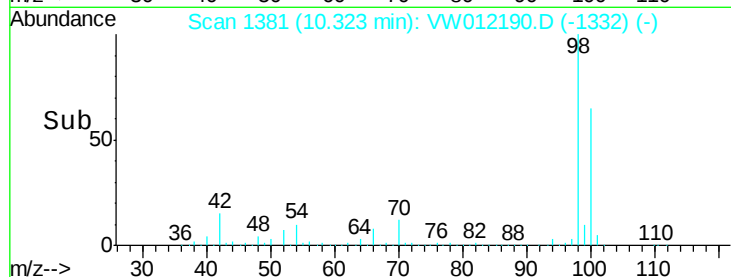


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 41.773 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012190.D

Acq: 26 Aug 2019 23:50

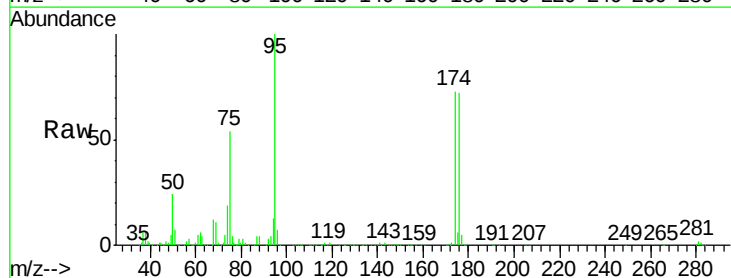
Tgt Ion: 95 Resp: 143932

Ion Ratio Lower Upper

95 100

174 74.2 0.0 150.8

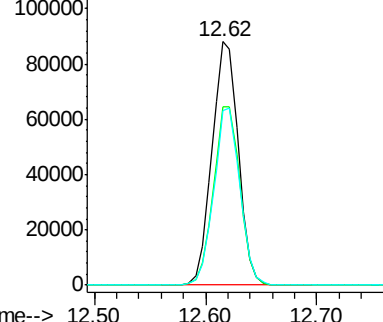
176 72.1 0.0 148.6



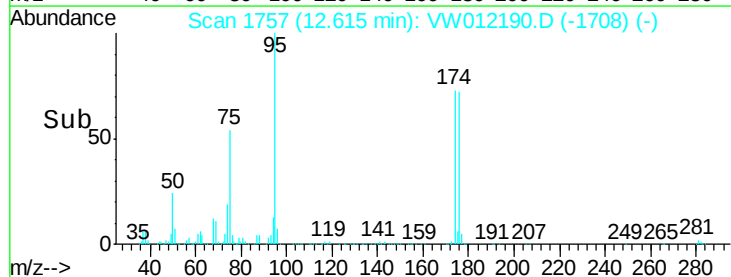
Abundance Ion 94.90 (94.60 to 95.60): VW

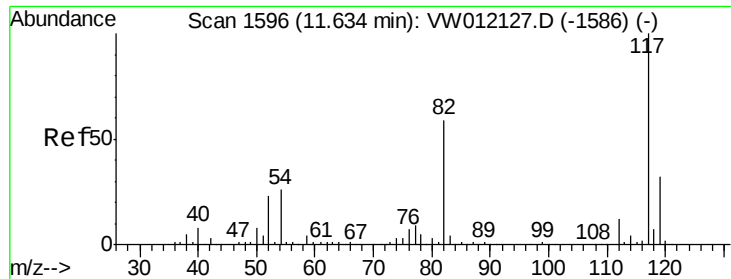
Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



Time-->

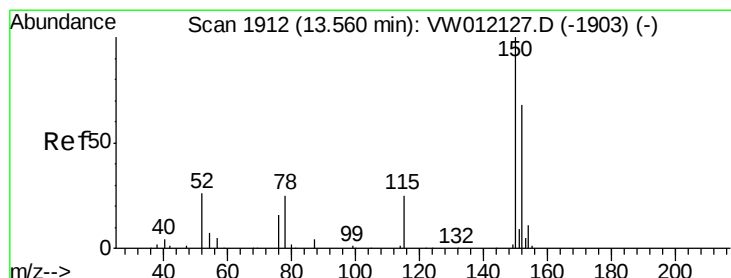
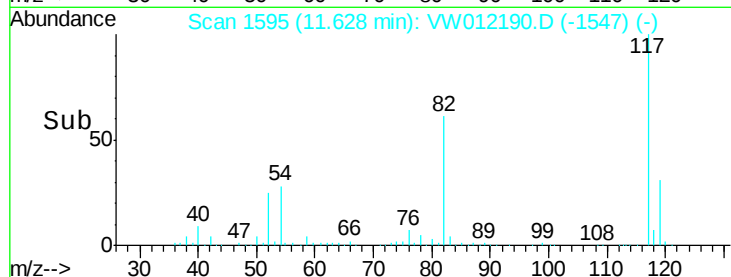
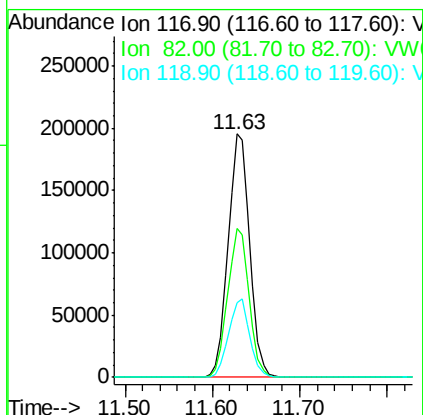
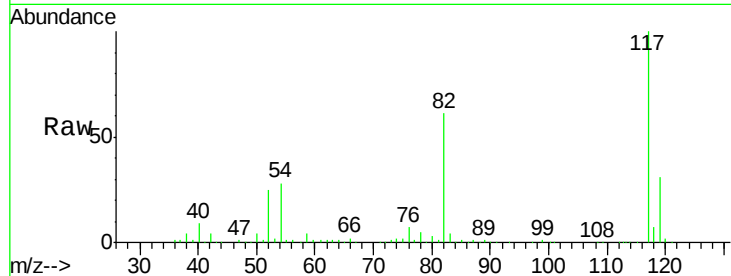




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012190.D
Acq: 26 Aug 2019 23:50

Instrument :
MSVOA_W
ClientSampleId :
T1-S3-(2.5)

Tot Ion:117 Resp: 334152
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 30.8 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: VW012190.D
Acq: 26 Aug 2019 23:50

Tgt Ion:152 Resp: 104372
Ion Ratio Lower Upper
152 100
115 61.4 30.1 90.3
150 156.2 0.0 345.8

