

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012288.D
 Acq On : 29 Aug 2019 07:37
 Operator : SY/VA
 Sample : K4510-13
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11-10.5-11.0

Quant Time: Aug 29 08:32:45 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

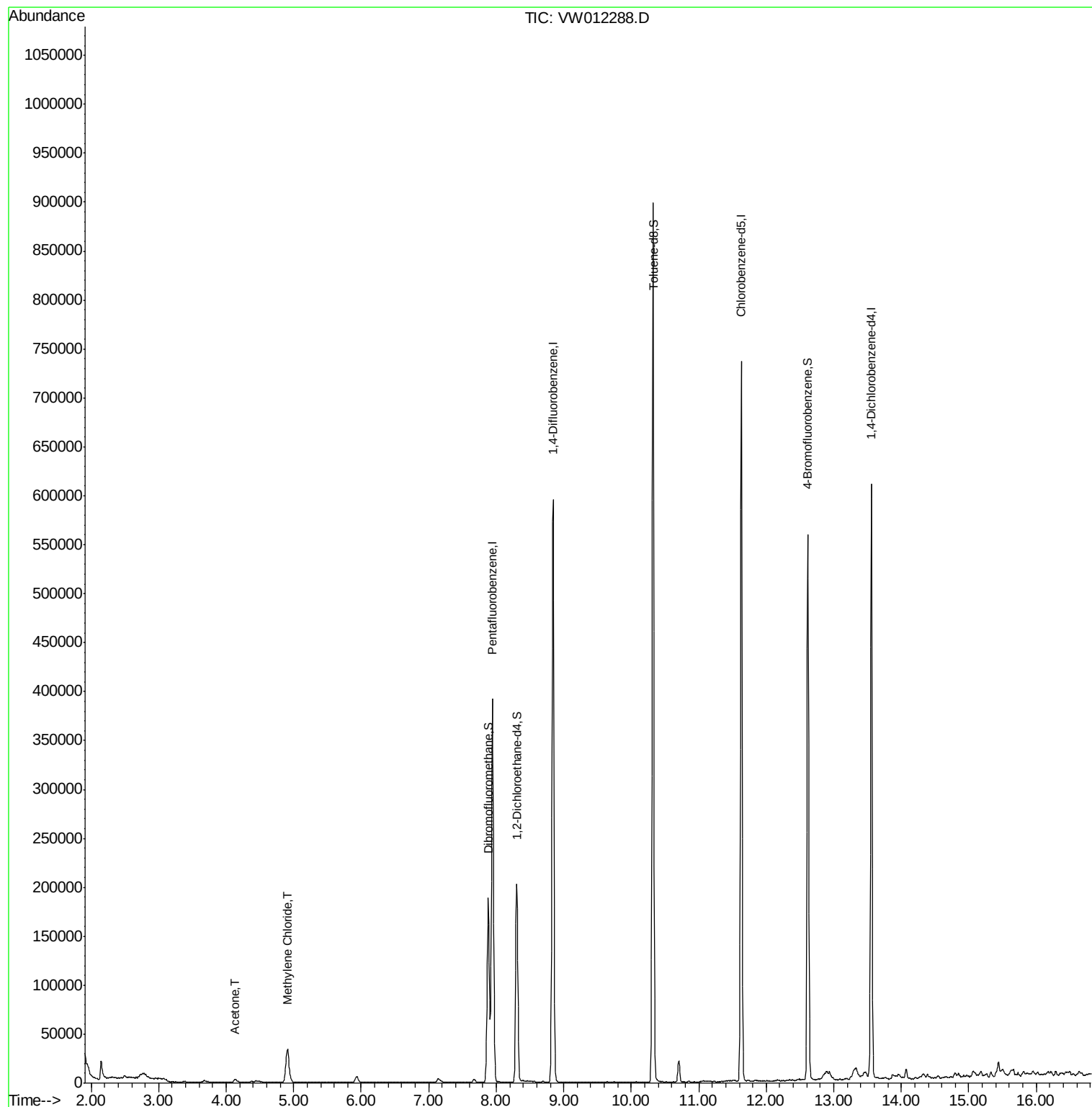
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	287447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	472353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	165945	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
35) Dibromofluoromethane	7.88	113	137116	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	10.32	98	576223	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.62	95	182009	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
Target Compounds						
16) Acetone	4.14	43	6892	7.890	ug/l	93
20) Methylene Chloride	4.91	84	24938	7.552	ug/l	98

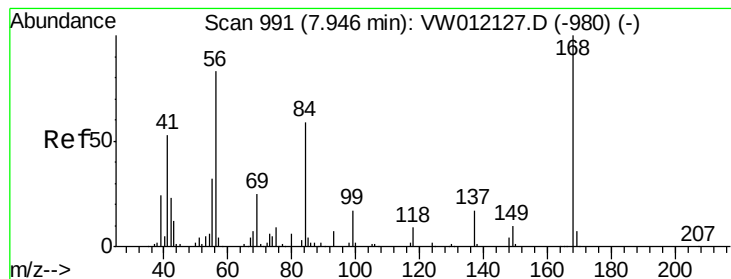
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012288.D

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MSVOA_W

ClientSampleId :

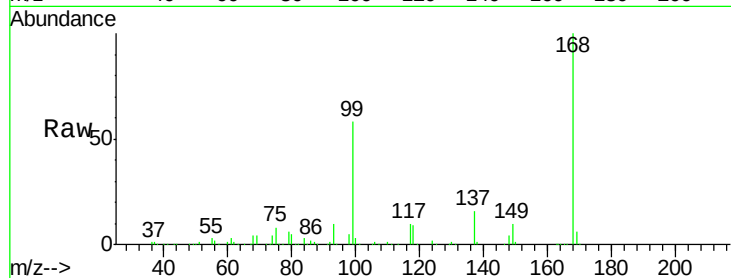
SB-11-10.5-11.0

Tot Ion:168 Resp: 287447

Ion Ratio Lower Upper

168 100

99 58.2 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

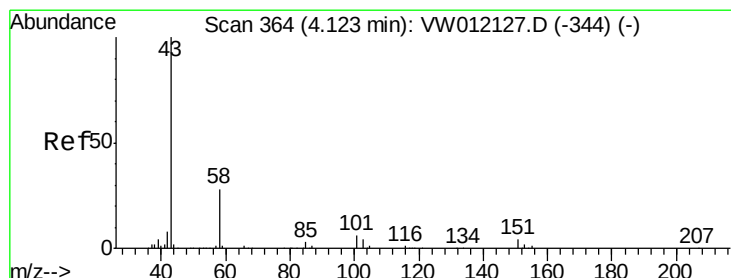
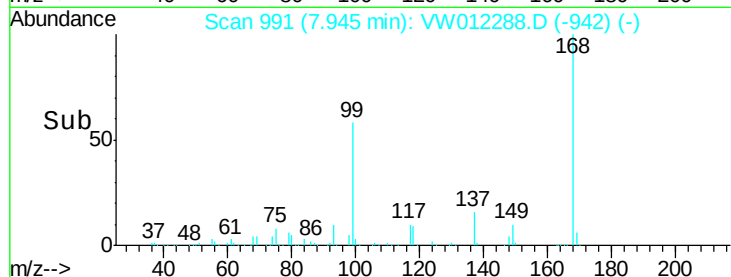
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 7.890 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012288.D

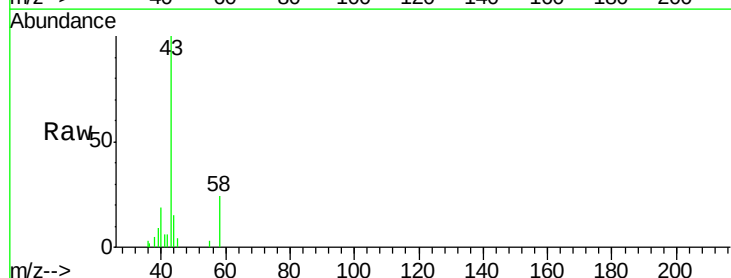
Acq: 29 Aug 2019 07:37

Tgt Ion: 43 Resp: 6892

Ion Ratio Lower Upper

43 100

58 24.2 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

2000

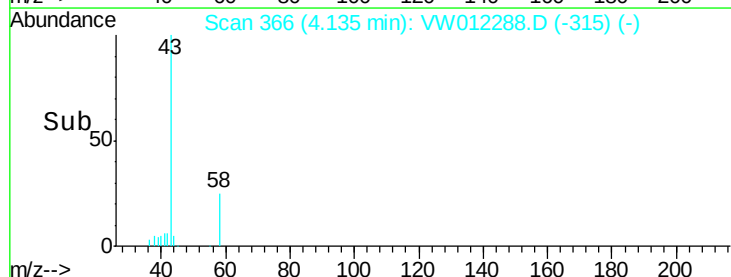
1500

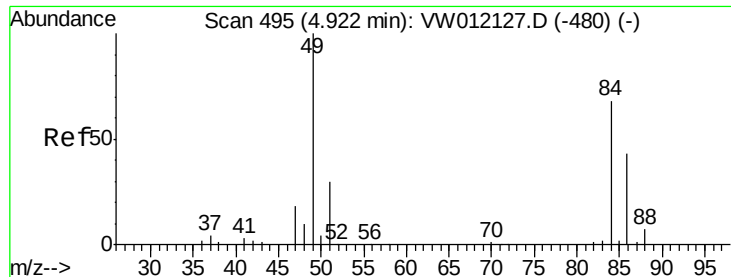
1000

500

0

Time--> 4.00 4.10 4.20

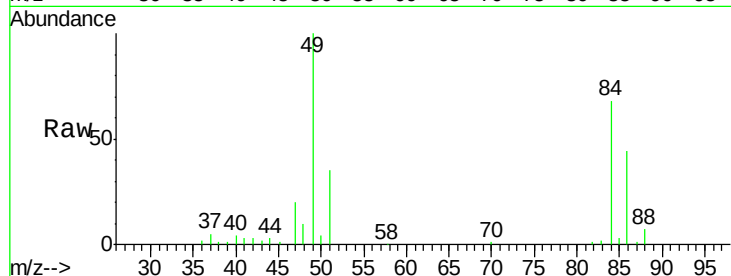




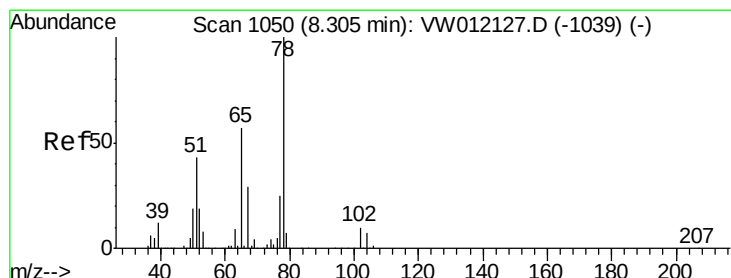
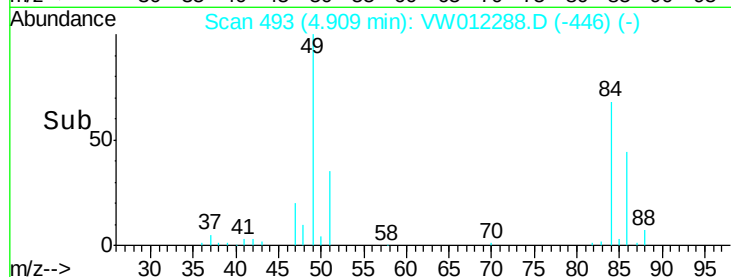
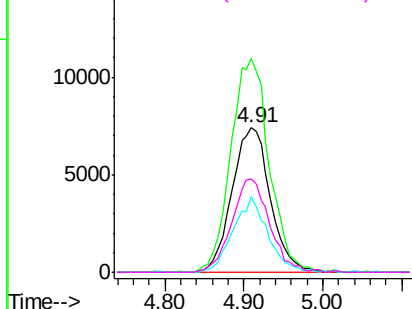
#20
Methylene Chloride
Concen: 7.552 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012288.D
Acq: 29 Aug 2019 07:37

Instrument :
MSVOA_W
ClientSampleId :
SB-11-10.5-11.0

Tot Ion: 84 Resp: 24938
Ion Ratio Lower Upper
84 100
49 147.7 117.8 176.8
51 52.0 35.6 53.4
86 64.7 51.2 76.8

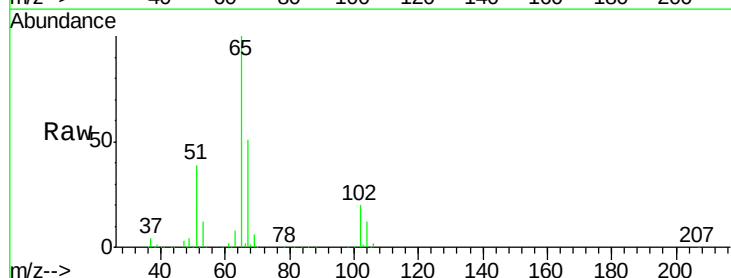


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

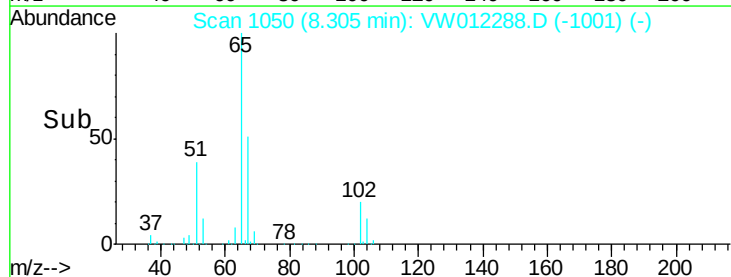
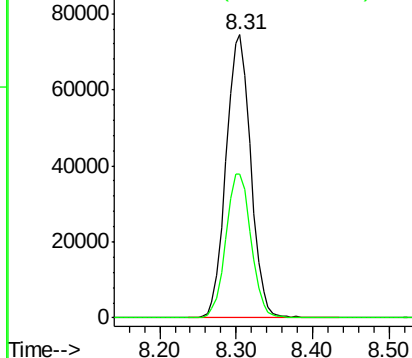


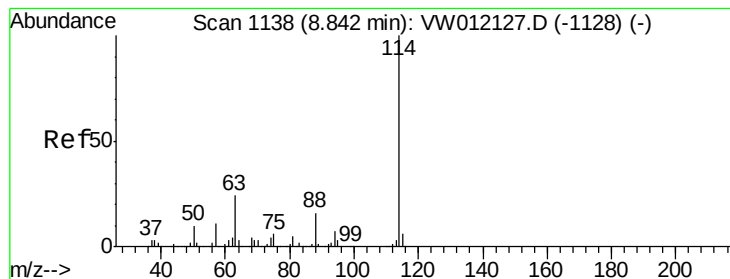
#33
1,2-Dichloroethane-d4
Concen: 48.564 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012288.D
Acq: 29 Aug 2019 07:37

Tgt Ion: 65 Resp: 165945
Ion Ratio Lower Upper
65 100
67 51.8 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: VW012288.D

Acq: 29 Aug 2019 07:37

Instrument :

MSVOA_W

ClientSampleId :

SB-11-10.5-11.0

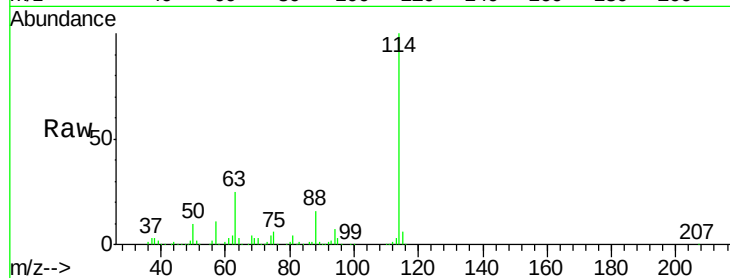
Tot Ion:114 Resp: 472353

Ion Ratio Lower Upper

114 100

63 25.0 0.0 48.6

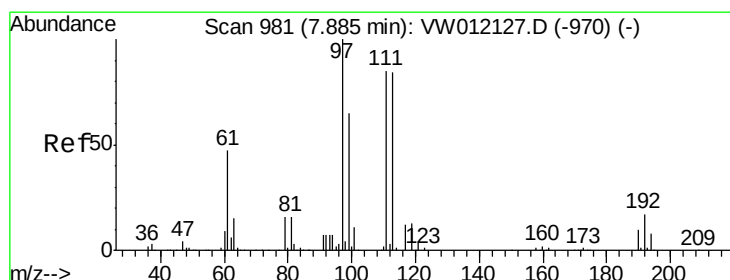
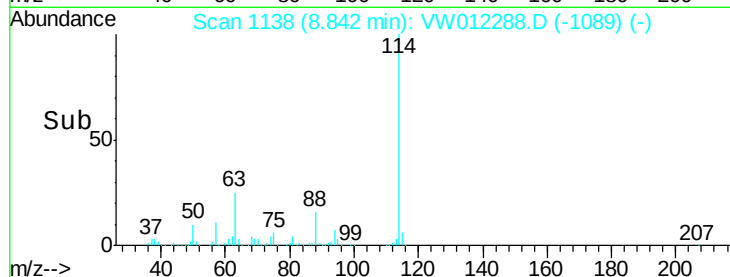
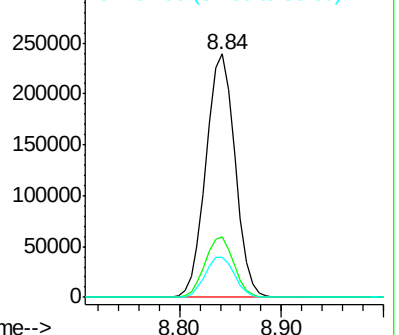
88 16.5 0.0 32.2



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: 48.631 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012288.D

Acq: 29 Aug 2019 07:37

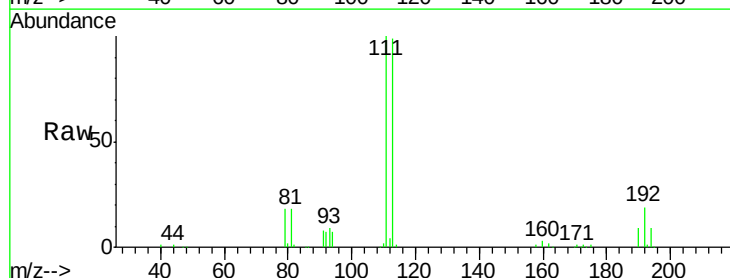
Tgt Ion:113 Resp: 137116

Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

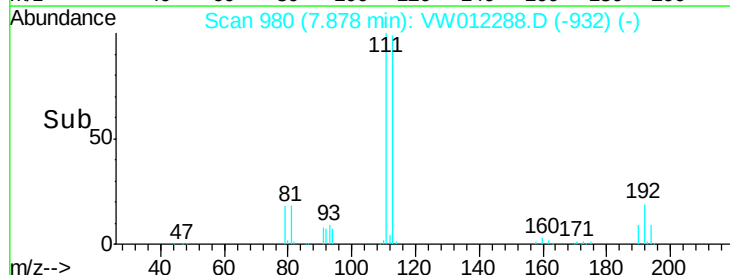
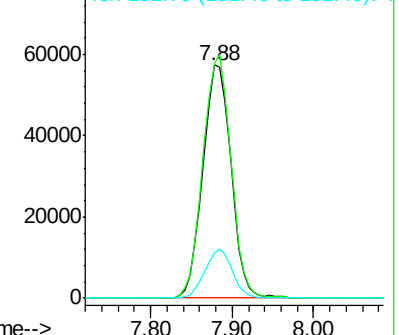
192 20.4 16.2 24.2

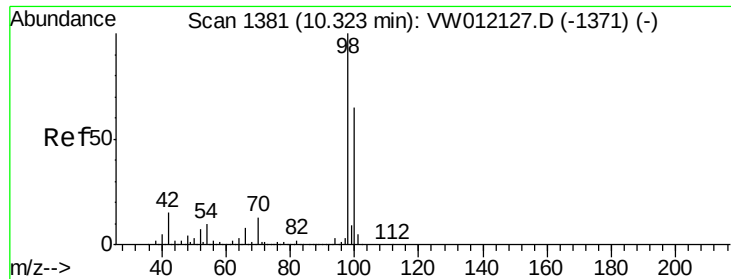


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

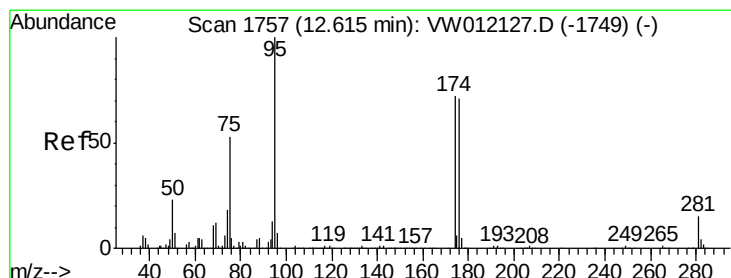
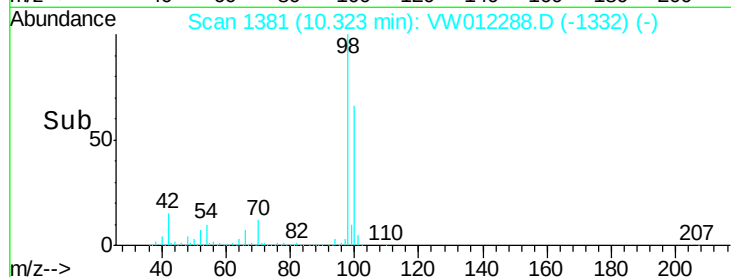
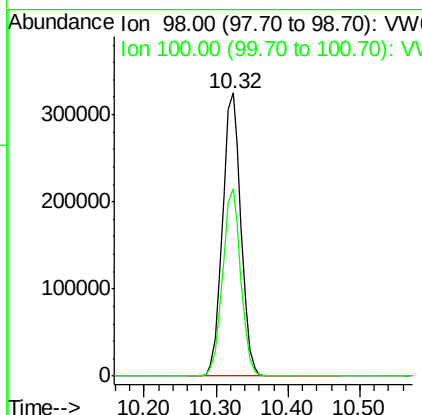
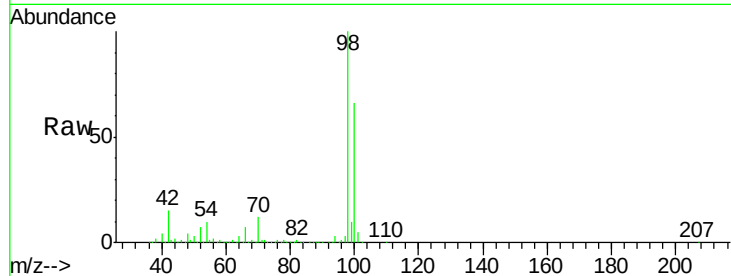




#50
Toluene-d8
Concen: 50.403 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012288.D
Acq: 29 Aug 2019 07:37

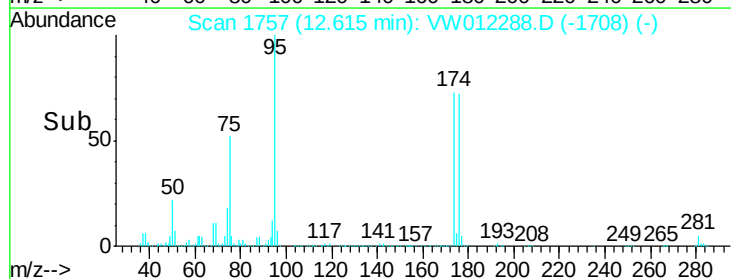
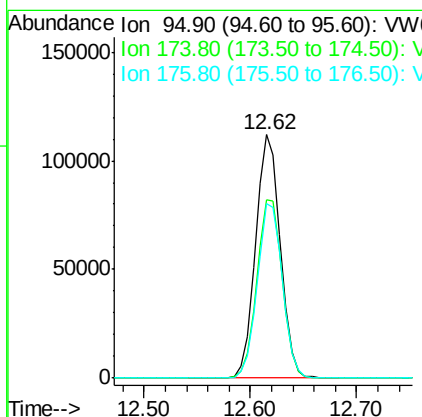
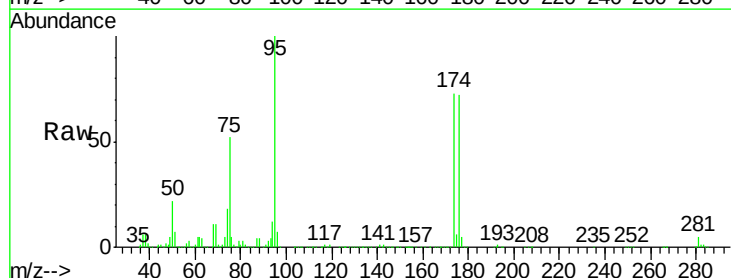
Instrument :
MSVOA_W
ClientSampleId :
SB-11-10.5-11.0

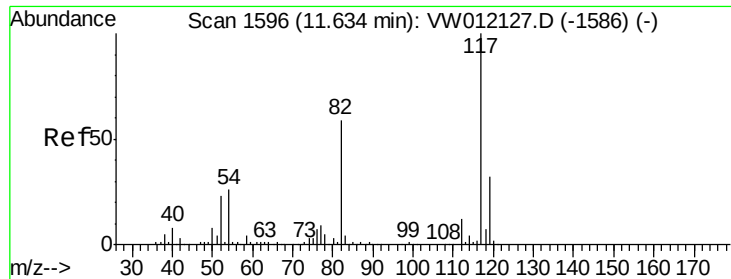
Tot Ion: 98 Resp: 576223
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.165 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012288.D
Acq: 29 Aug 2019 07:37

Tgt Ion: 95 Resp: 182009
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.8
176 73.2 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: VW012288.D

Acq: 29 Aug 2019 07:37

Instrument :

MSVOA_W

ClientSampleId :

SB-11-10.5-11.0

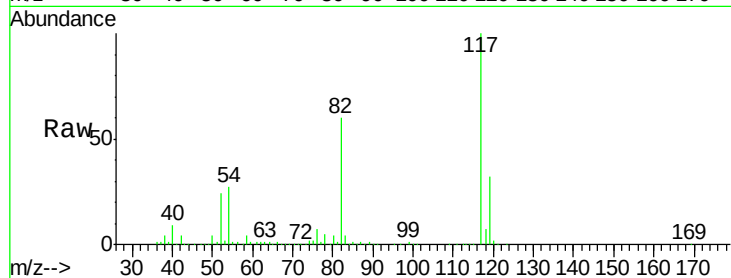
Tot Ion:117 Resp: 388557

Ion Ratio Lower Upper

117 100

82 60.1 47.4 71.2

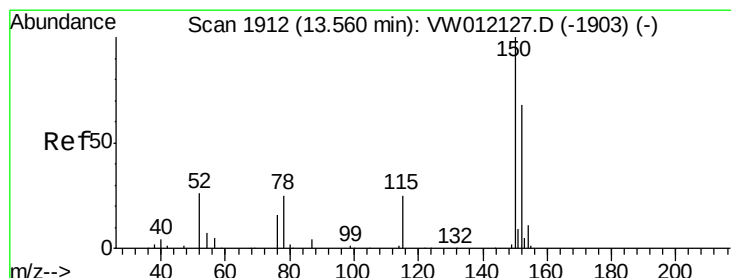
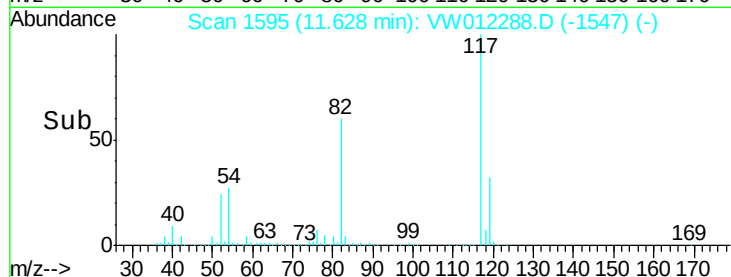
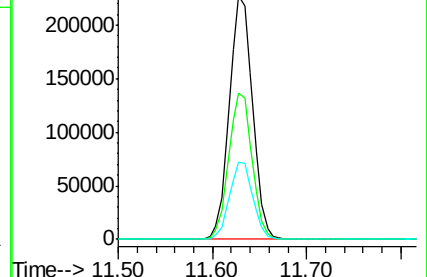
119 31.6 25.4 38.2



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: VW012288.D

Acq: 29 Aug 2019 07:37

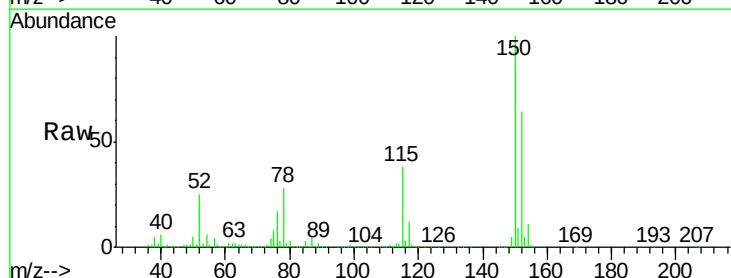
Tgt Ion:152 Resp: 153780

Ion Ratio Lower Upper

152 100

115 60.6 30.1 90.3

150 157.2 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

