

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008585.D
 Acq On : 08 Feb 2019 21:00
 Operator : SY/VA
 Sample : K1390-05RE
 Misc : 5.19G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04(13-14)RE

Quant Time: Feb 09 01:39:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

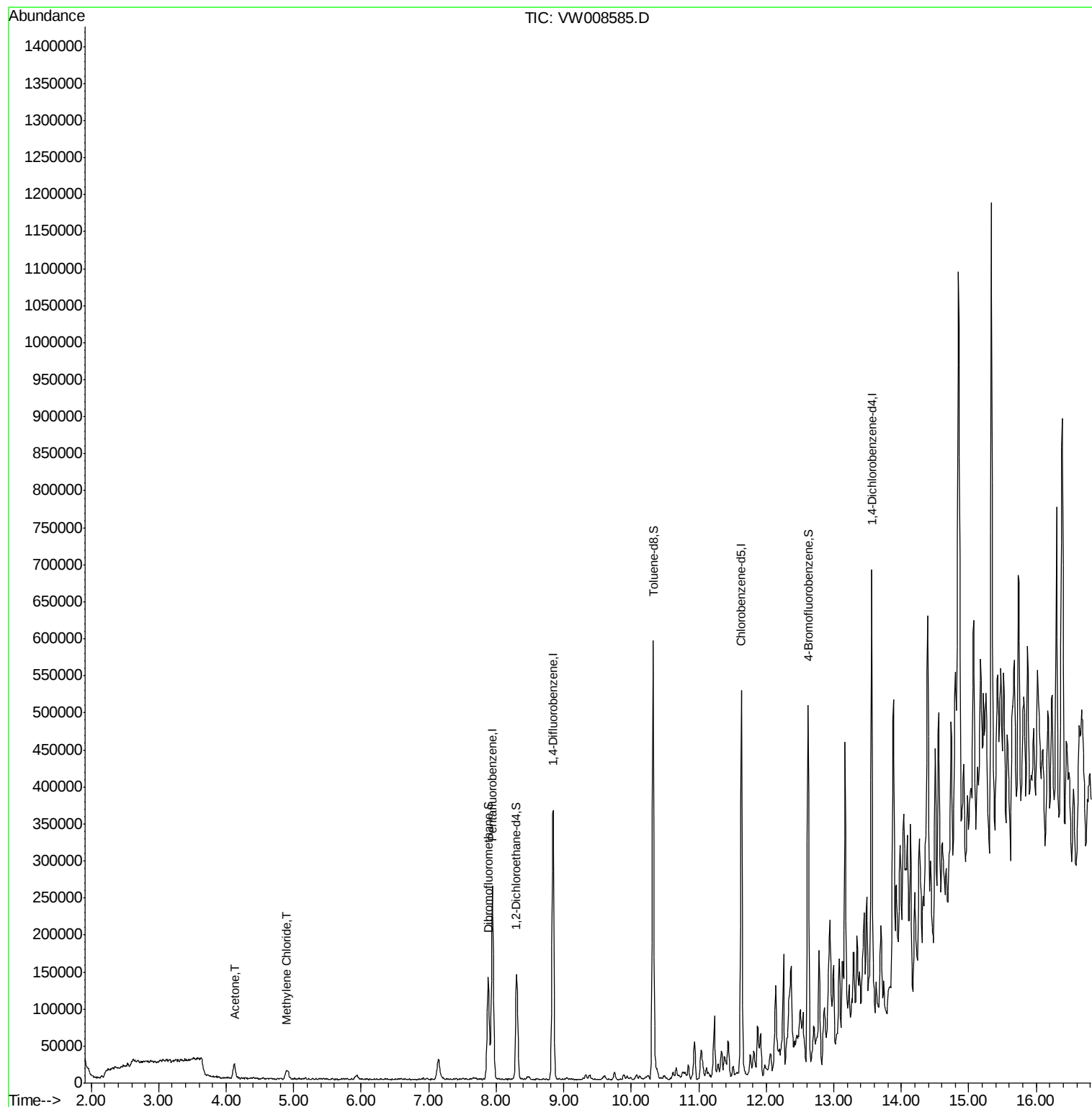
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	316130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	106424	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
35) Dibromofluoromethane	7.88	113	95847	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.32	98	377133	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.62	95	140650	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
Target Compounds						
16) Acetone	4.12	43	33141	75.870	ug/l	99
20) Methylene Chloride	4.90	84	8151	4.049	ug/l	86

(#) = 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: VW008585.D

Acq: 08 Feb 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

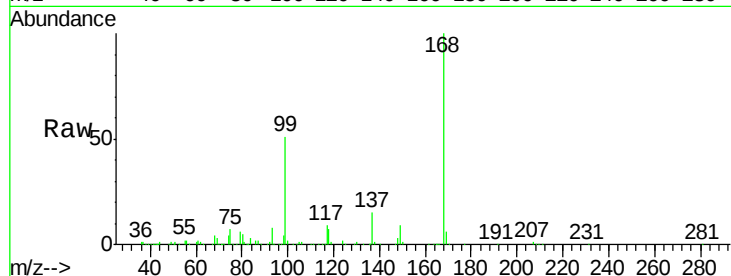
SB-04(13-14)RE

Tot Ion:168 Resp: 197998

Ion Ratio Lower Upper

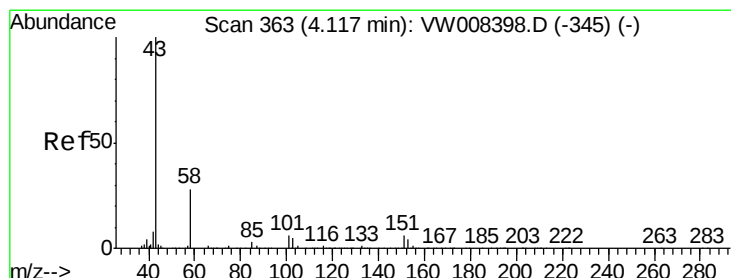
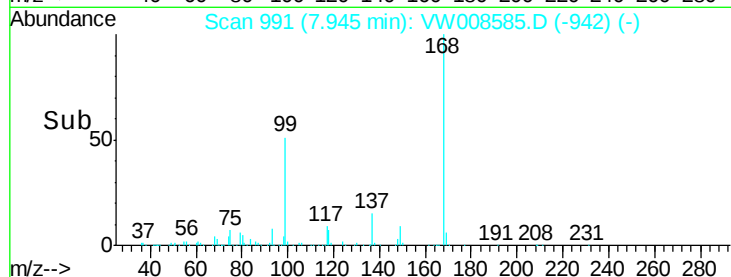
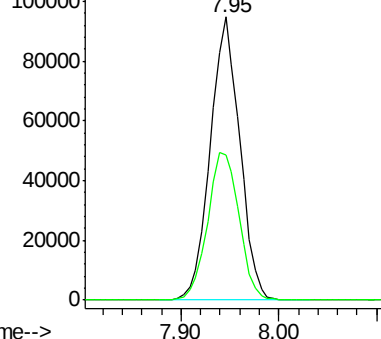
168 100

99 51.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 75.870 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008585.D

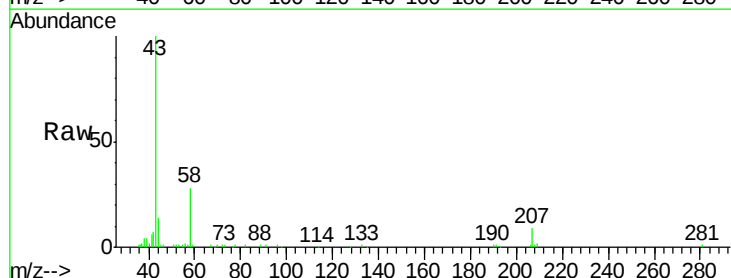
Acq: 08 Feb 2019 21:00

Tgt Ion: 43 Resp: 33141

Ion Ratio Lower Upper

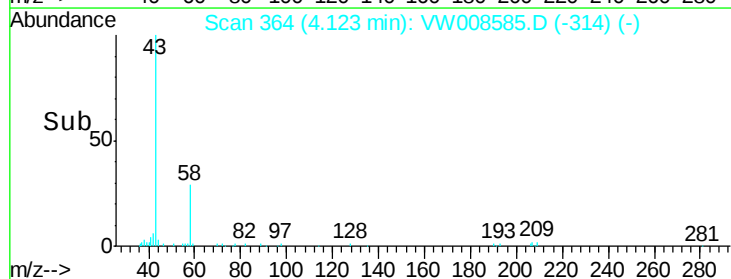
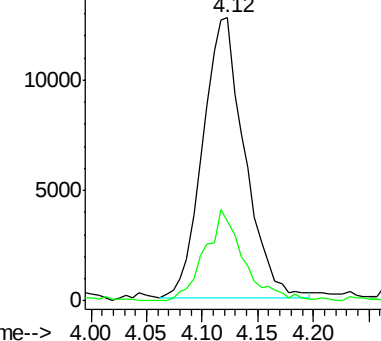
43 100

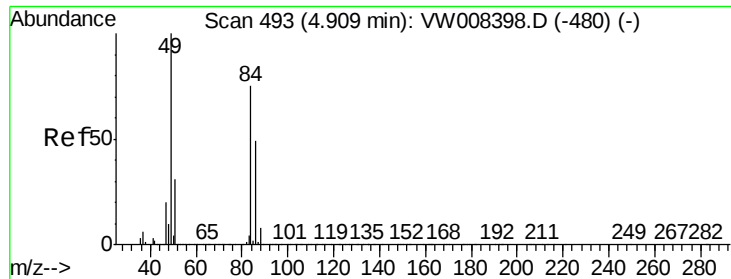
58 28.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

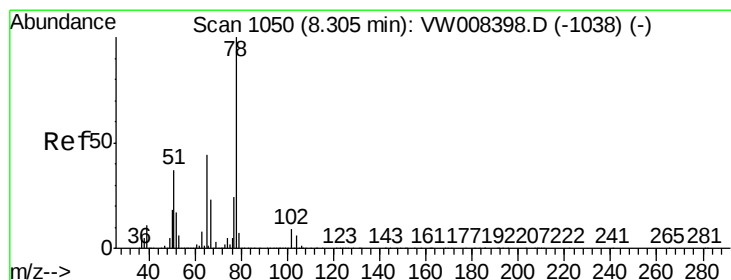
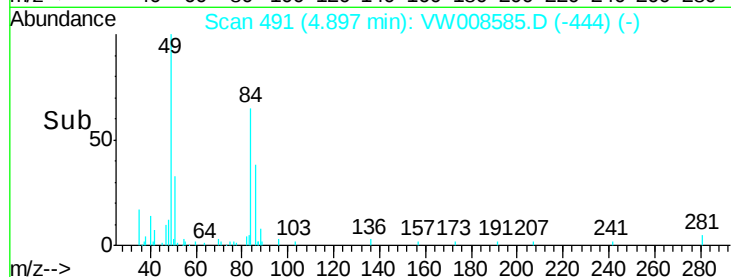
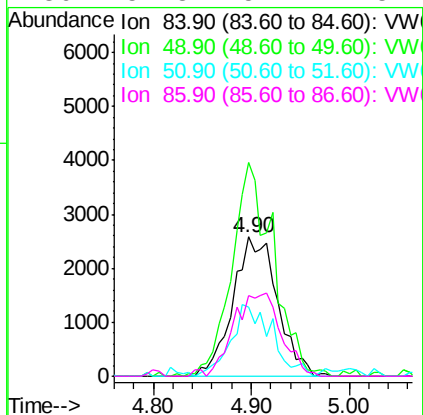
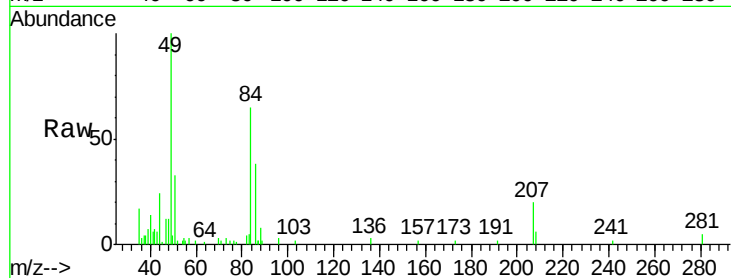




#20
Methylene Chloride
Concen: 4.049 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008585.D
Acq: 08 Feb 2019 21:00

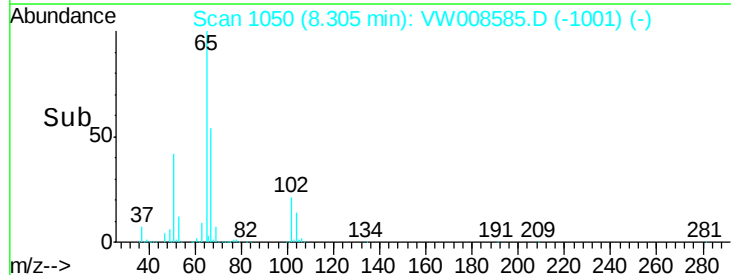
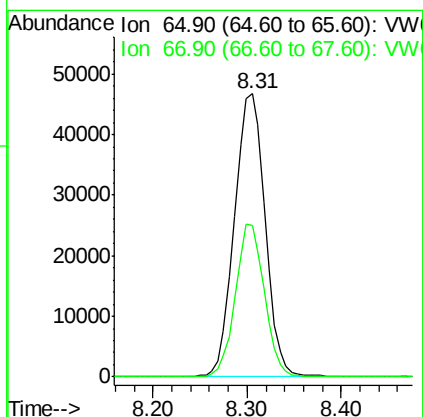
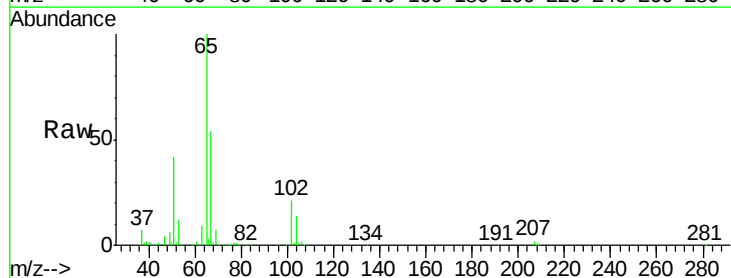
Instrument :
MSVOA_W
ClientSampleId :
SB-04(13-14)RE

Tot Ion:	84	Resp:	8151
Ion	Ratio	Lower	Upper
84	100		
49	153.6	106.8	160.2
51	47.3	32.9	49.3
86	57.8	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 54.713 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008585.D
Acq: 08 Feb 2019 21:00

Tgt Ion:	65	Resp:	106424
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008585.D

Acq: 08 Feb 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

SB-04(13-14)RE

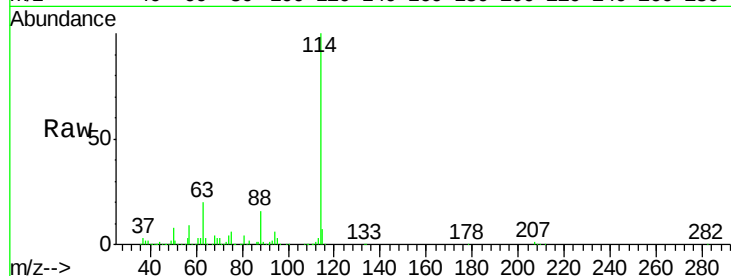
Tot Ion:114 Resp: 316130

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.6

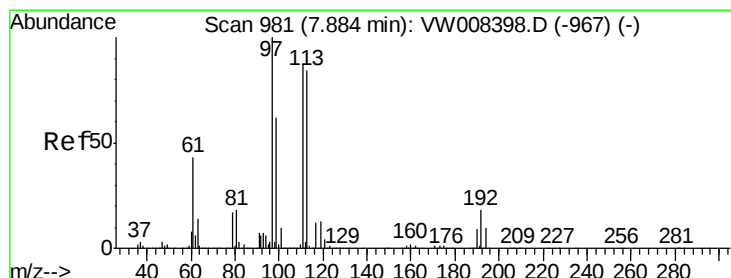
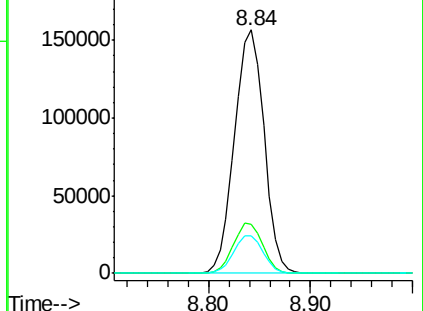
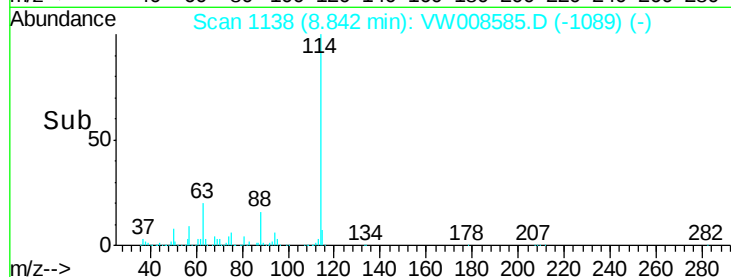
88 15.7 0.0 31.8



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: 51.851 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008585.D

Acq: 08 Feb 2019 21:00

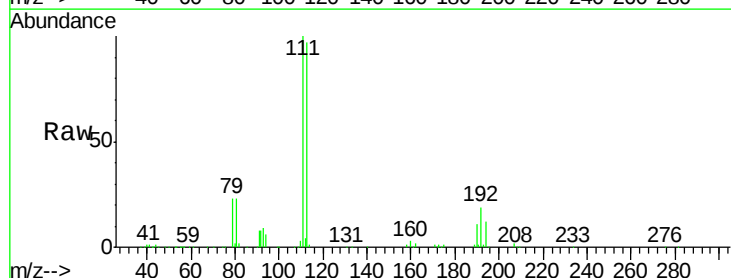
Tgt Ion:113 Resp: 95847

Ion Ratio Lower Upper

113 100

111 102.1 81.0 121.4

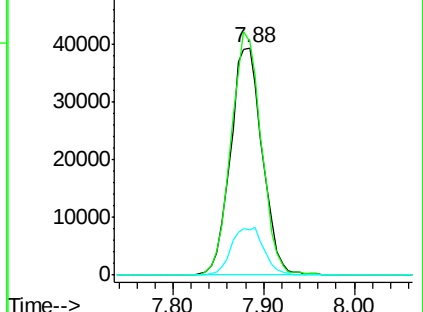
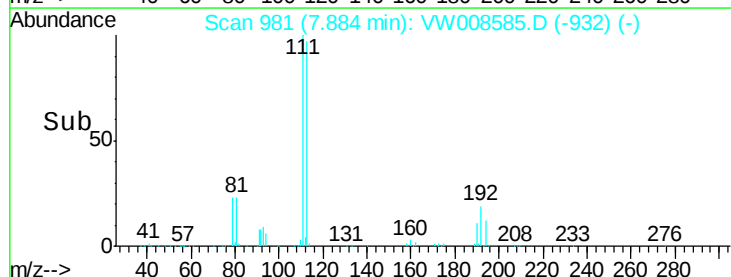
192 21.4 16.8 25.2

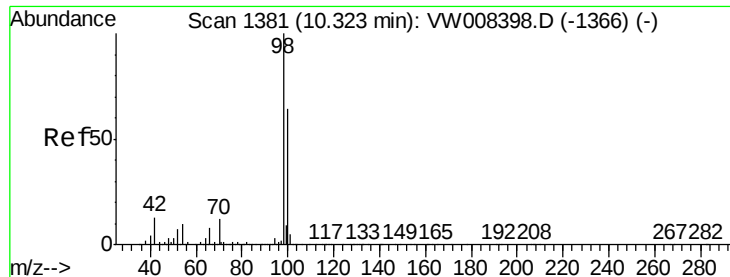


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.877 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008585.D

Acq: 08 Feb 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

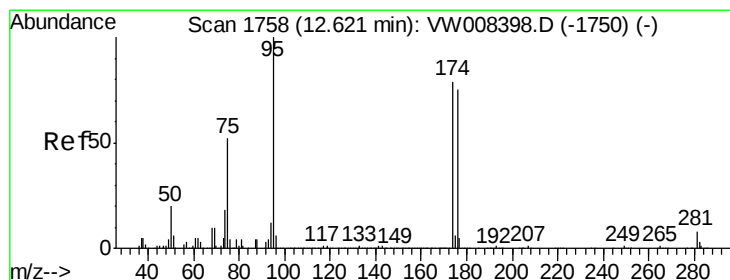
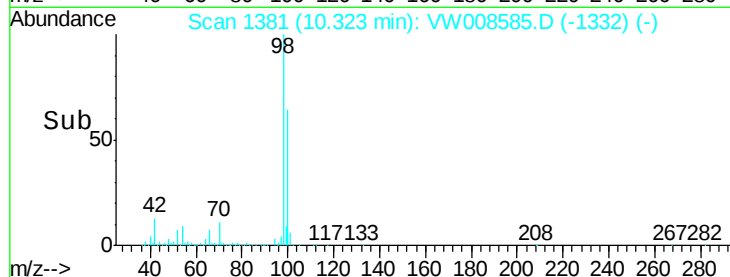
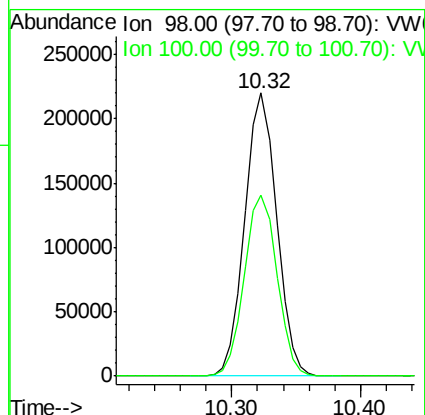
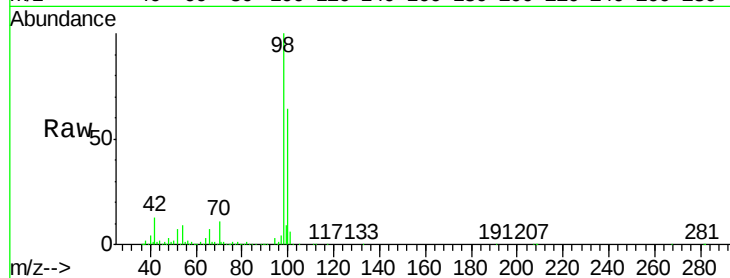
SB-04(13-14)RE

Tot Ion: 98 Resp: 377133

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 49.363 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008585.D

Acq: 08 Feb 2019 21:00

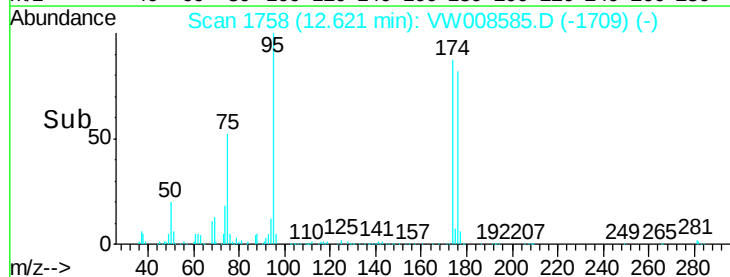
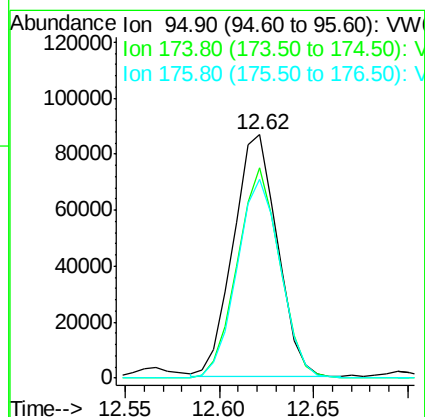
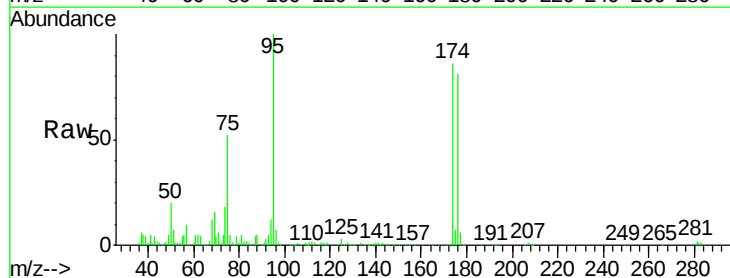
Tgt Ion: 95 Resp: 140650

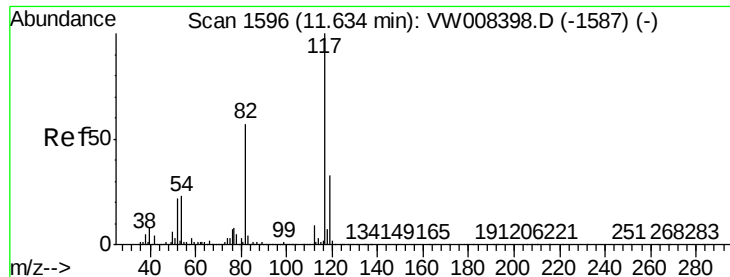
Ion Ratio Lower Upper

95 100

174 83.4 0.0 157.6

176 81.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008585.D

Acq: 08 Feb 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

SB-04(13-14)RE

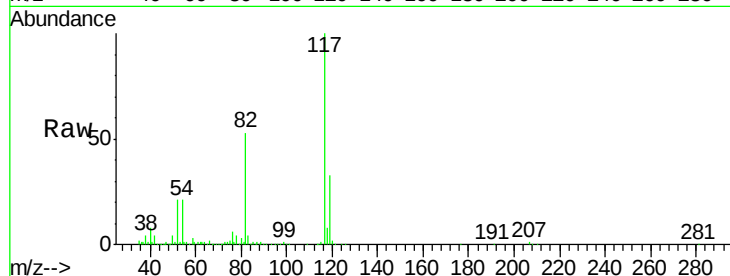
Tot Ion:117 Resp: 285802

Ion Ratio Lower Upper

117 100

82 52.5 45.4 68.0

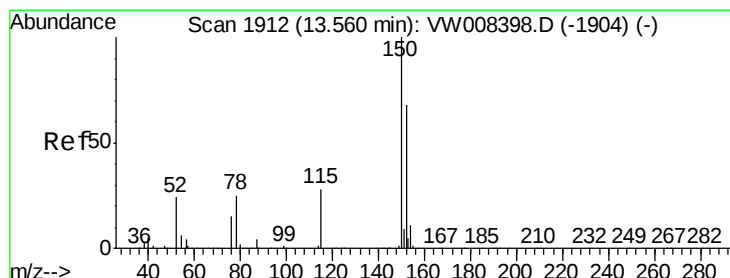
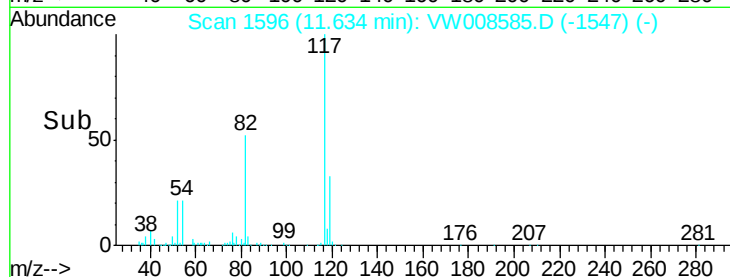
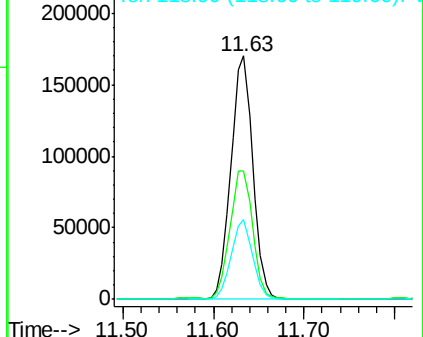
119 32.9 26.2 39.4



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: VW008585.D

Acq: 08 Feb 2019 21:00

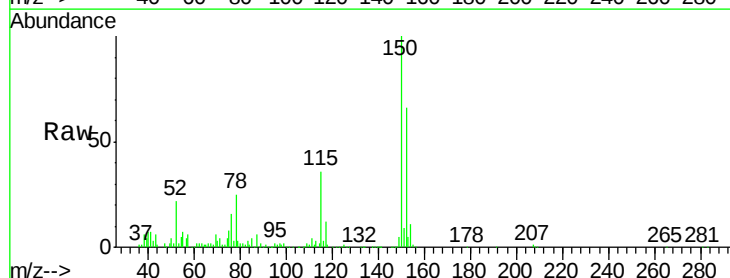
Tgt Ion:152 Resp: 147040

Ion Ratio Lower Upper

152 100

115 55.2 29.9 89.7

150 151.9 0.0 351.4



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

