

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008521.D
 Acq On : 06 Feb 2019 12:20
 Operator : SY/VA
 Sample : K1383-01
 Misc : 4.28G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C5B-SS1-0.0-0.5

Quant Time: Feb 07 02:05:24 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

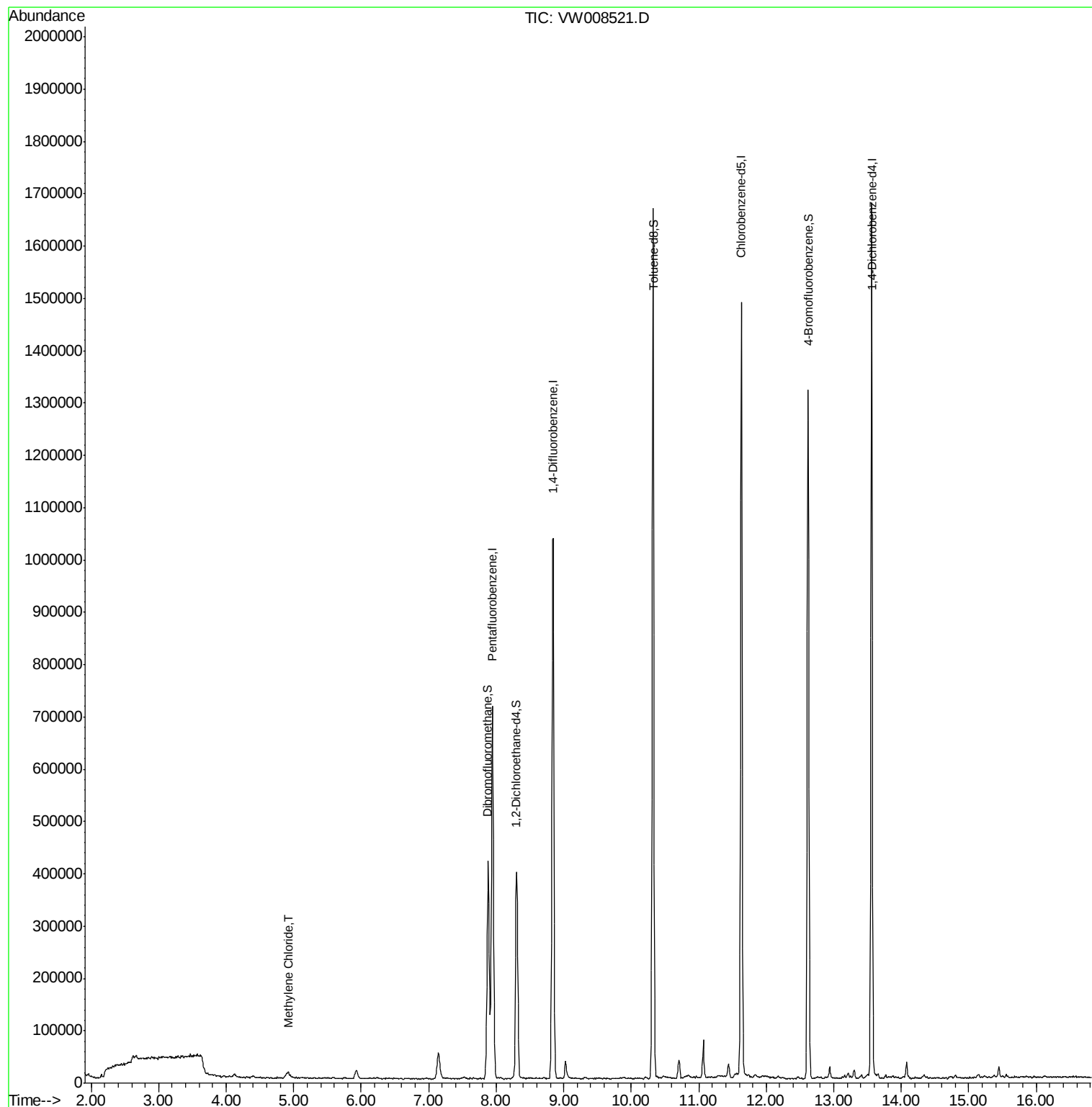
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	554831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	894354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	825246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	418546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	306436	56.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.44%	
35) Dibromofluoromethane	7.88	113	284289	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
50) Toluene-d8	10.32	98	1070809	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.62	95	410219	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
Target Compounds						
20) Methylene Chloride	4.92	84	11095	1.967	ug/l #	75

(#) = 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: VW008521.D

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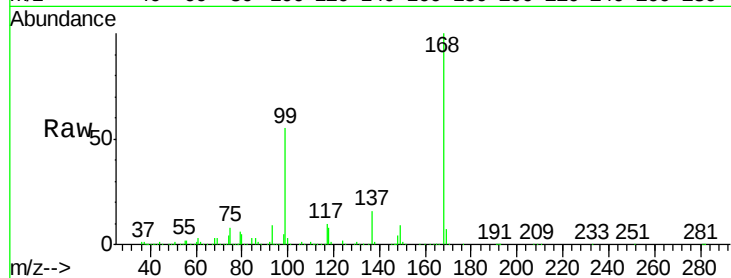
Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS1-0.0-0.5

Tot Ion:168 Resp: 554831

Ion Ratio Lower Upper

168 100

99 55.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

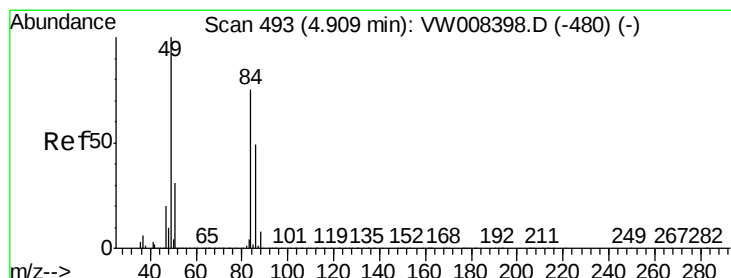
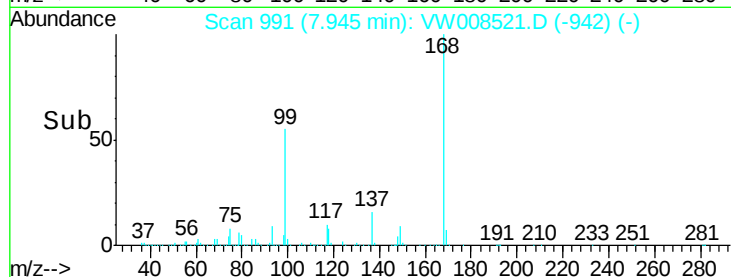
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 1.967 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW008521.D

Acq: 06 Feb 2019 12:20

Tgt Ion: 84 Resp: 11095

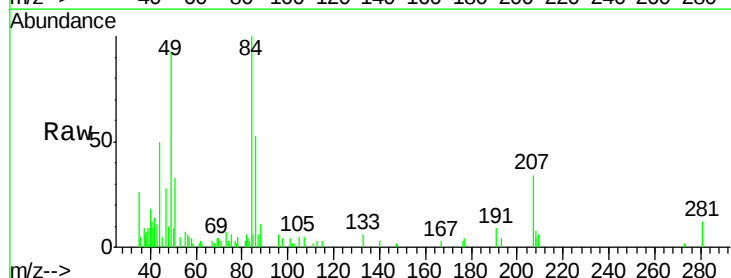
Ion Ratio Lower Upper

84 100

49 93.2 106.8 160.2#

51 33.5 32.9 49.3

86 53.3 52.2 78.2



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

4.92

5000

4000

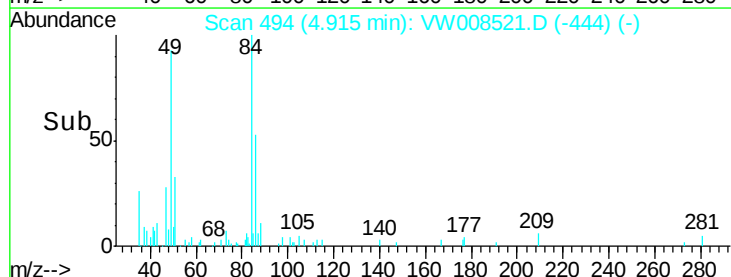
3000

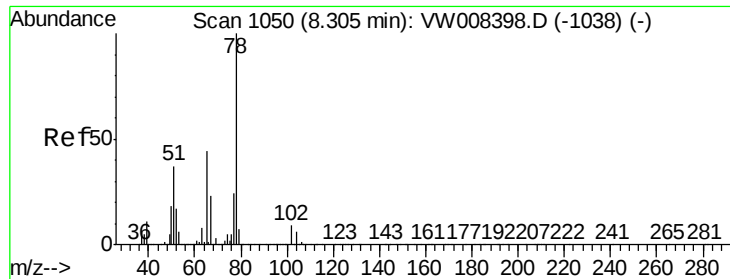
2000

1000

0

Time--> 4.80 4.90 5.00

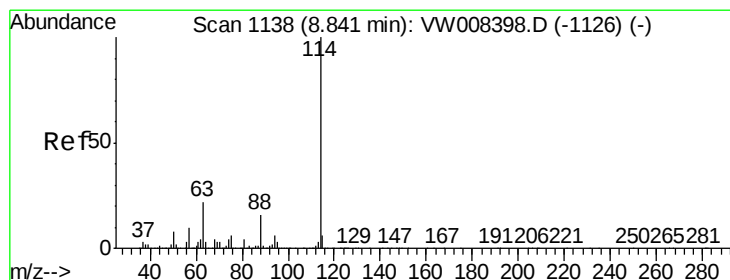
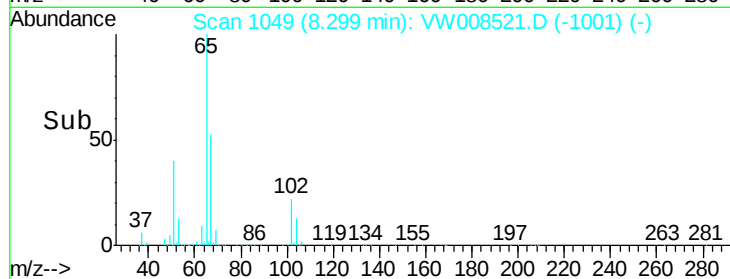
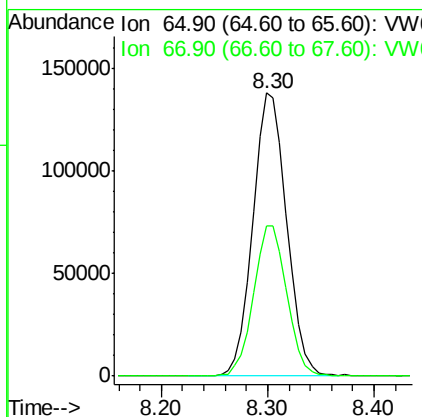
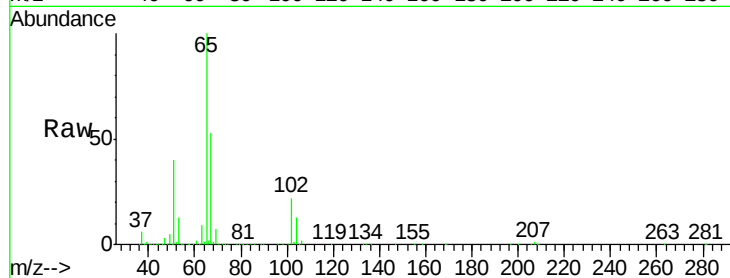




#33
 1,2-Dichloroethane-d4
 Concen: 56.220 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008521.D
 Acq: 06 Feb 2019 12:20

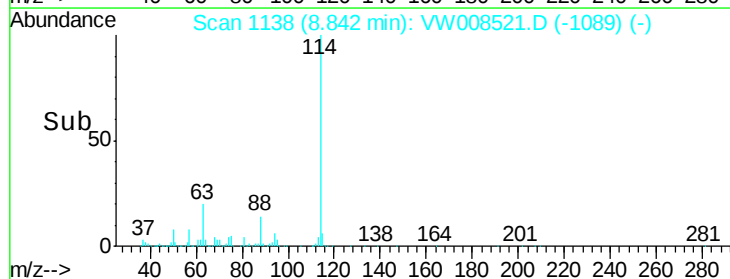
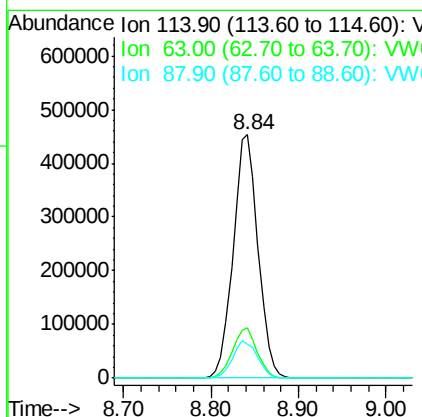
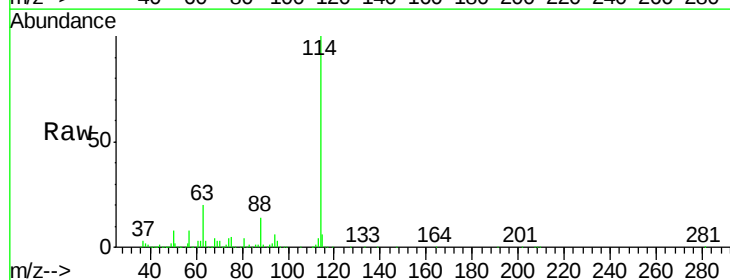
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C5B-SS1-0.0-0.5

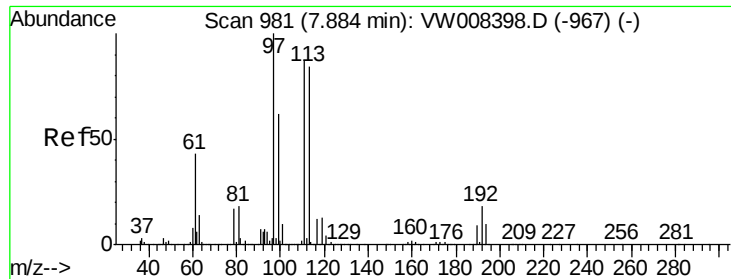
Tot Ion: 65 Resp: 306436
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008521.D
 Acq: 06 Feb 2019 12:20

Tgt Ion: 114 Resp: 894354
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.6
 88 14.0 0.0 31.8

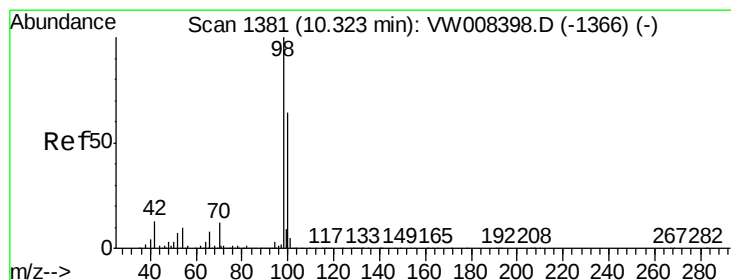
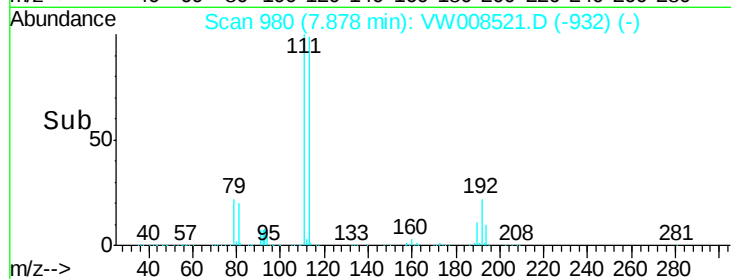
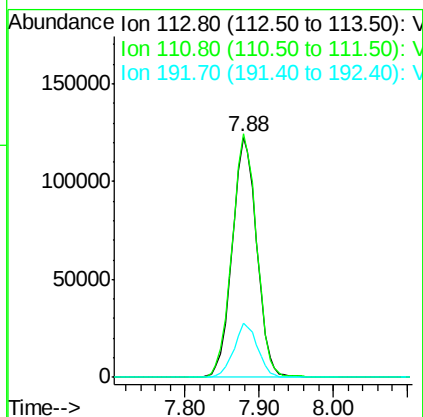
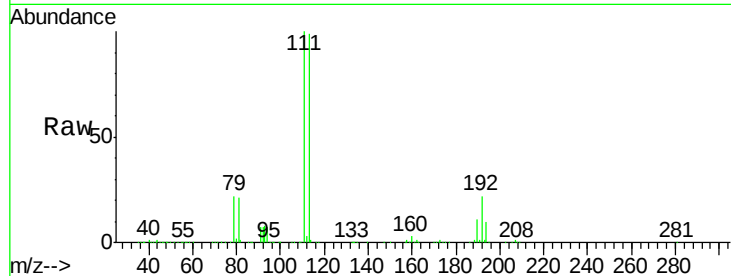




#35
 Dibromofluoromethane
 Concen: 54.362 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008521.D
 Acq: 06 Feb 2019 12:20

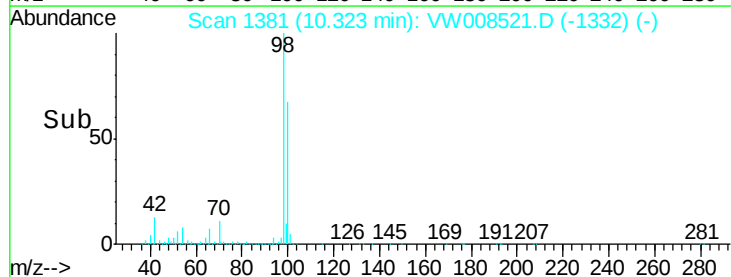
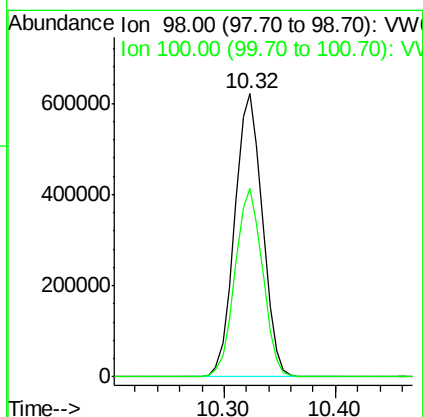
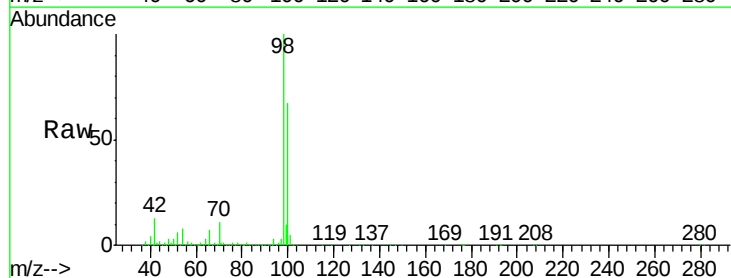
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C5B-SS1-0.0-0.5

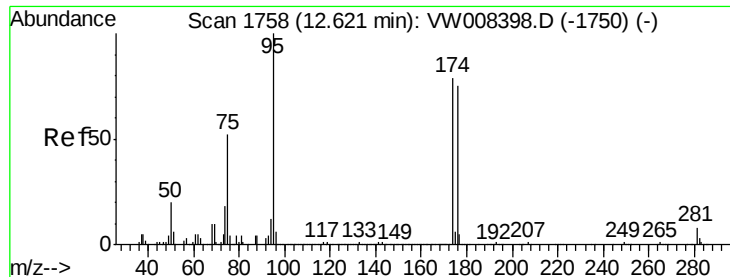
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.0	121.4
192	21.7	16.8	25.2



#50
 Toluene-d8
 Concen: 51.062 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008521.D
 Acq: 06 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 50.890 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008521.D

Acq: 06 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

A0C5B-SS1-0.0-0.5

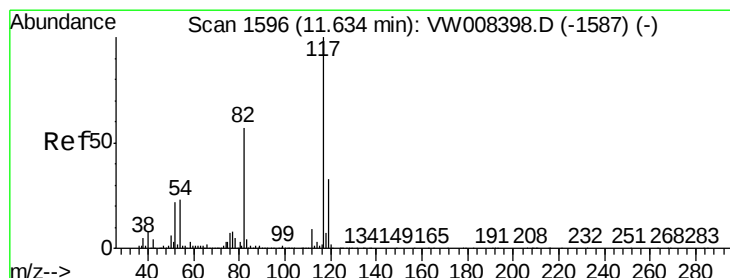
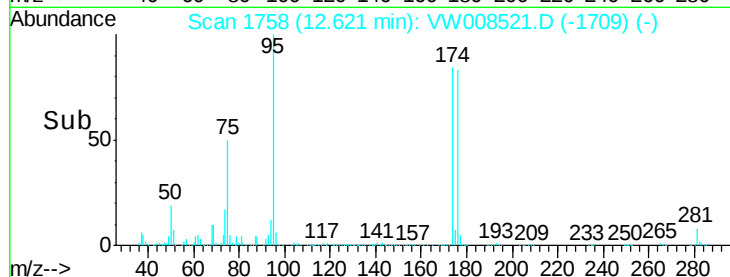
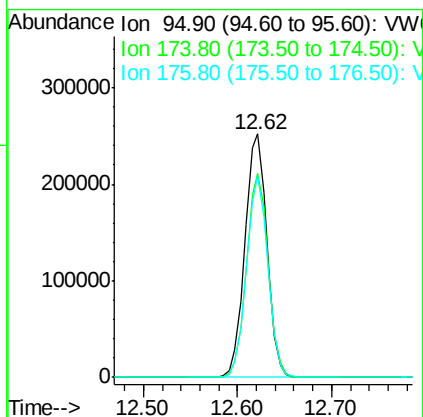
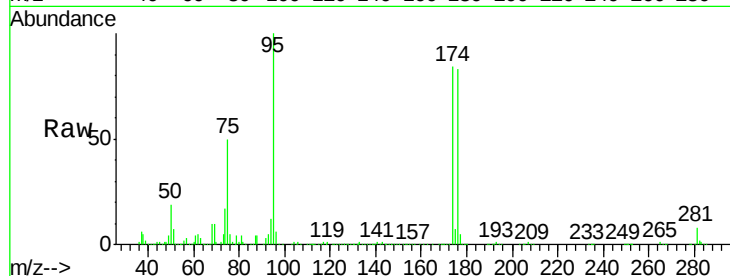
Tot Ion: 95 Resp: 410219

Ion Ratio Lower Upper

95 100

174 82.8 0.0 157.6

176 80.7 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: VW008521.D

Acq: 06 Feb 2019 12:20

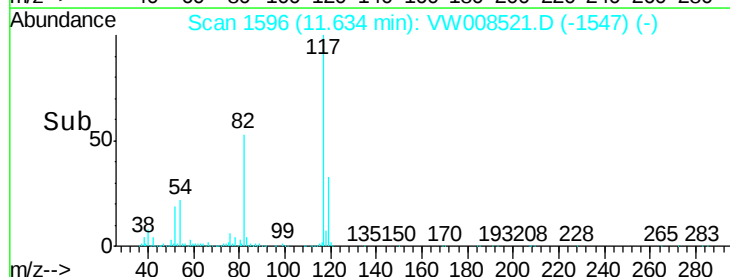
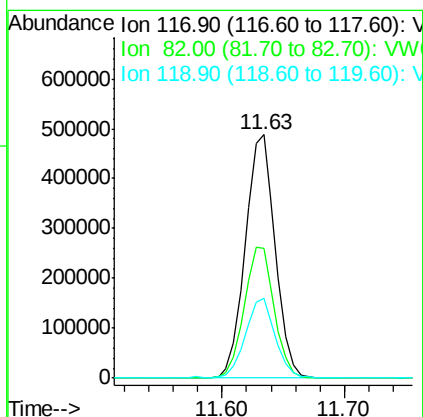
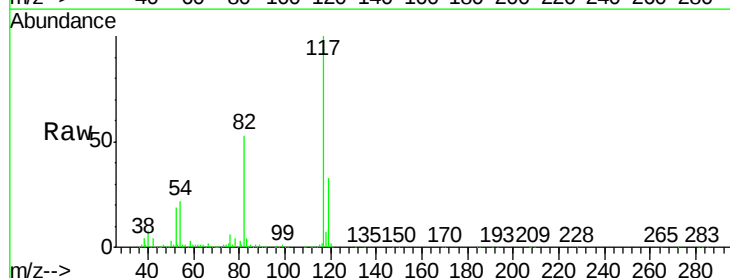
Tgt Ion: 117 Resp: 825246

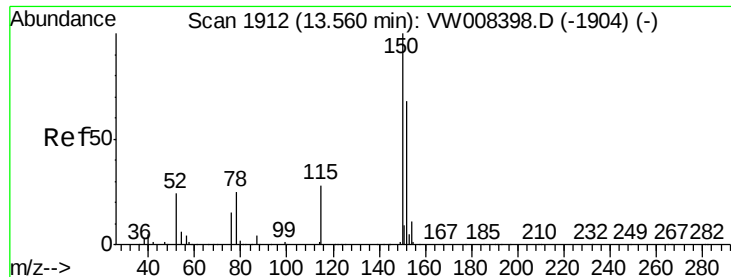
Ion Ratio Lower Upper

117 100

82 53.1 45.4 68.0

119 32.5 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008521.D

Acq: 06 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

A0C5B-SS1-0.0-0.5

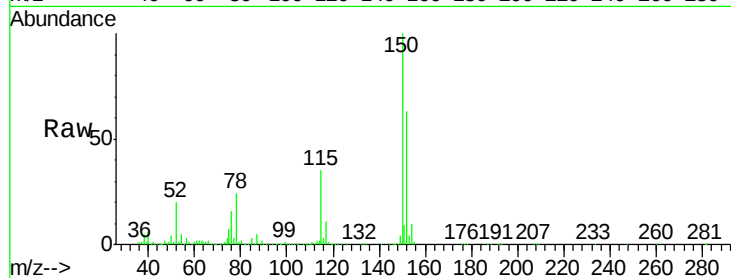
Tot Ion:152 Resp: 418546

Ion Ratio Lower Upper

152 100

115 58.0 29.9 89.7

150 158.5 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

