

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020119\
 Data File : VW008481.D
 Acq On : 01 Feb 2019 15:05
 Operator : SY/VA
 Sample : K1297-01
 Misc : 2.57G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1

Quant Time: Feb 02 01:57:42 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

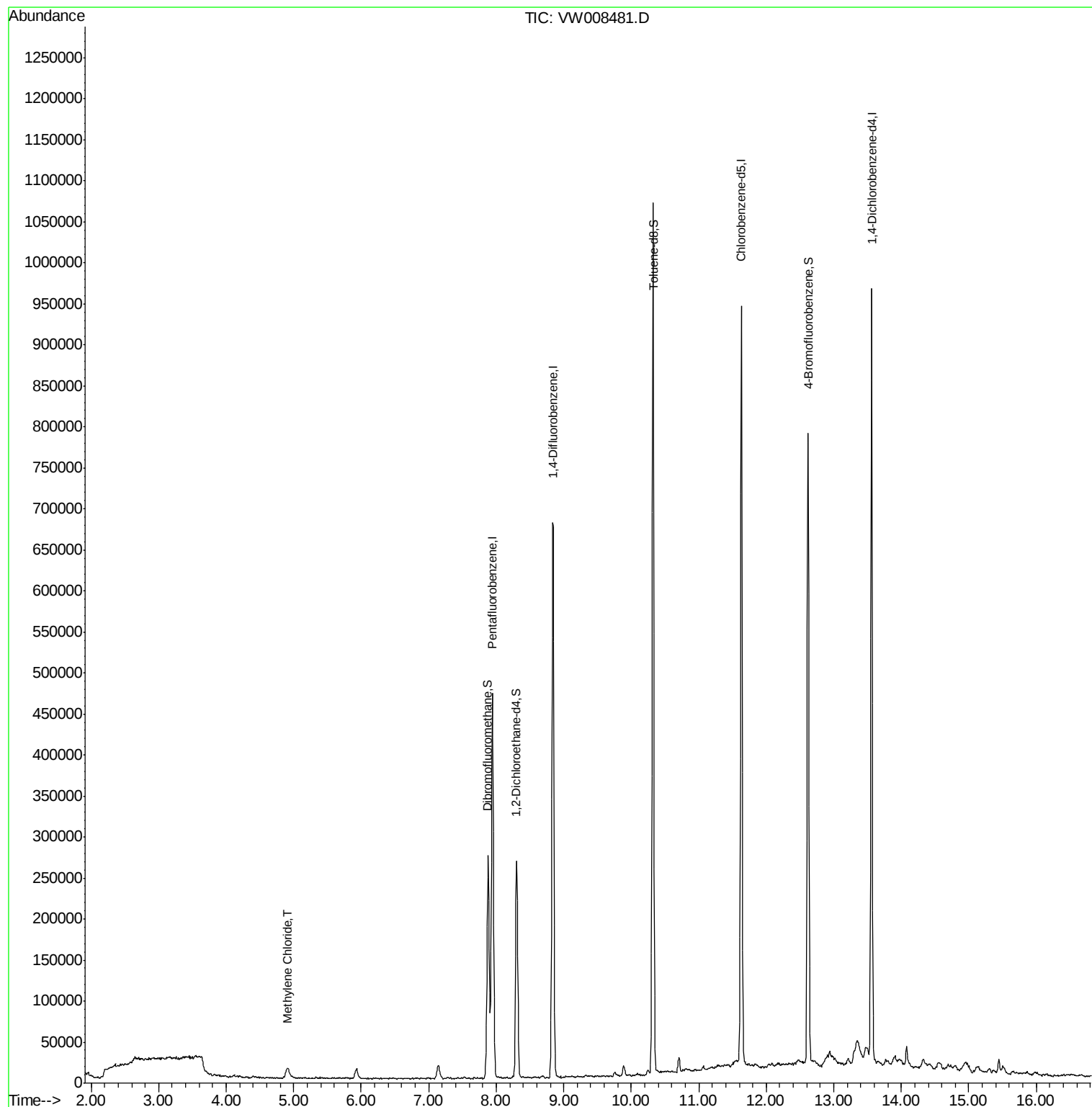
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	373010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	590565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	521330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	242938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	201020	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
35) Dibromofluoromethane	7.88	113	187157	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
50) Toluene-d8	10.32	98	691476	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	251289	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
Target Compounds						
20) Methylene Chloride	4.91	84	11554	3.046	ug/l #	Qvalue 85

(#) = 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: VW008481.D

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Instrument :

MSVOA_W

ClientSampleId :

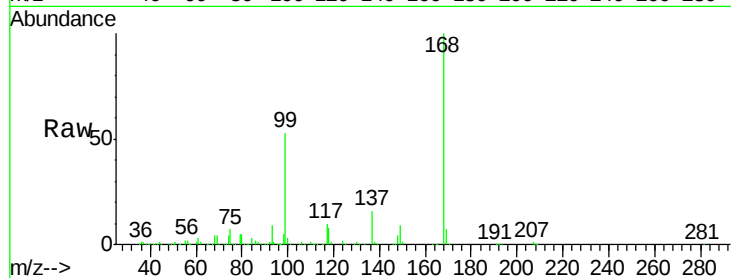
A0C17-SS1

Tot Ion:168 Resp: 373010

Ion Ratio Lower Upper

168 100

99 53.2 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

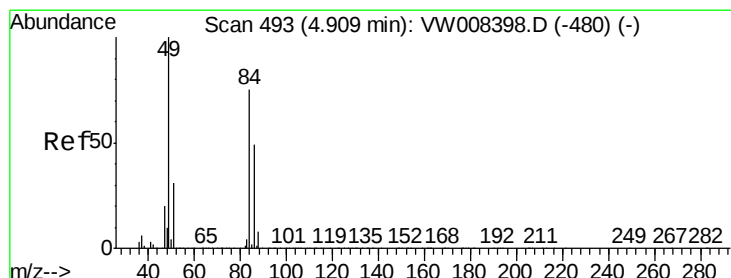
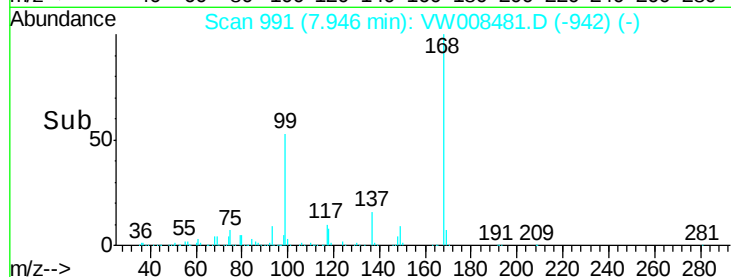
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 3.046 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008481.D

Acq: 01 Feb 2019 15:05

Tgt Ion: 84 Resp: 11554

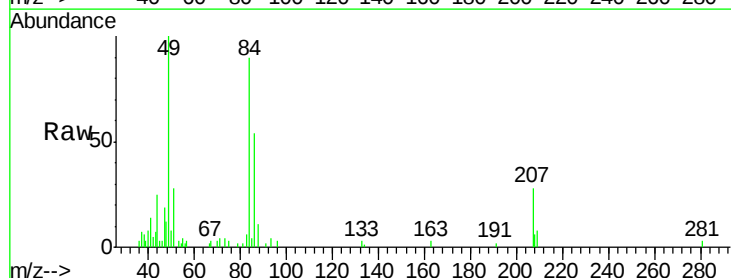
Ion Ratio Lower Upper

84 100

49 111.7 106.8 160.2

51 31.1 32.9 49.3#

86 60.5 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

4.91

5000

4000

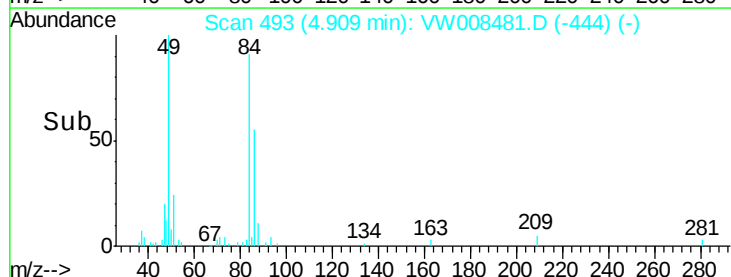
3000

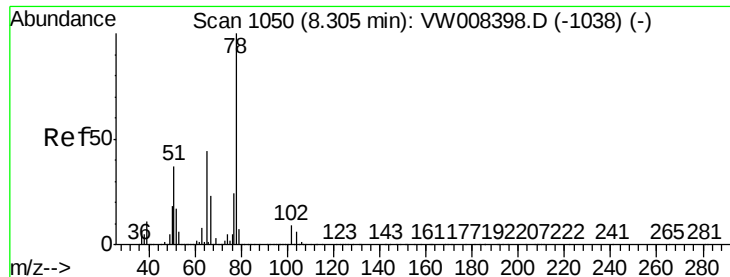
2000

1000

0

Time--> 4.80 4.90 5.00

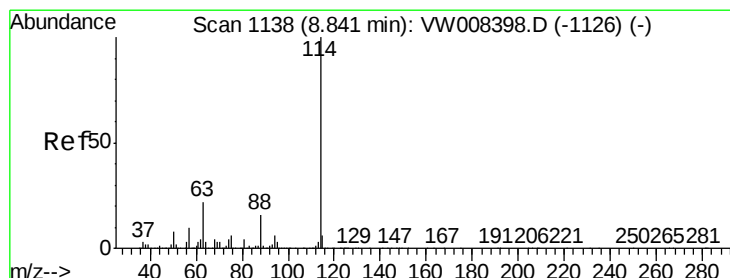
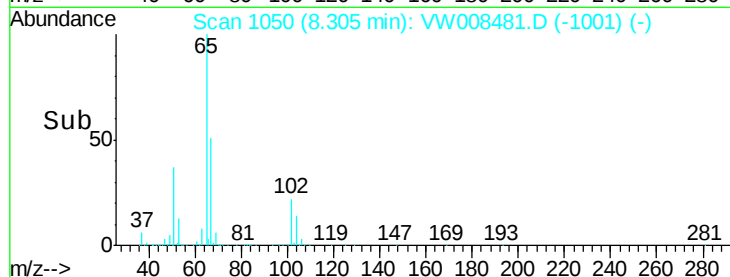
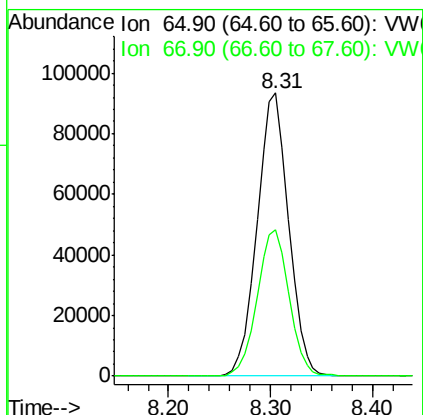
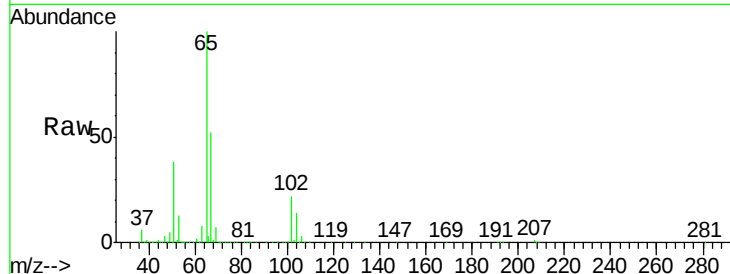




#33
 1,2-Dichloroethane-d4
 Concen: 54.856 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008481.D
 Acq: 01 Feb 2019 15:05

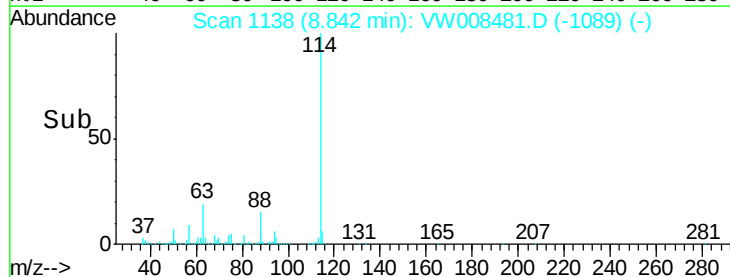
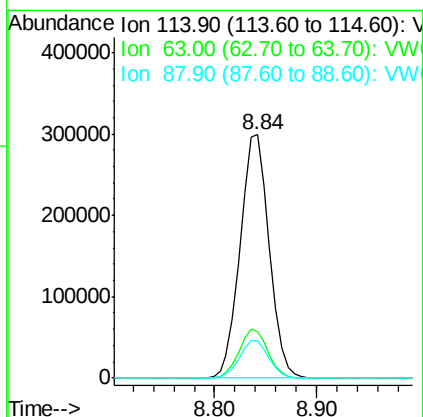
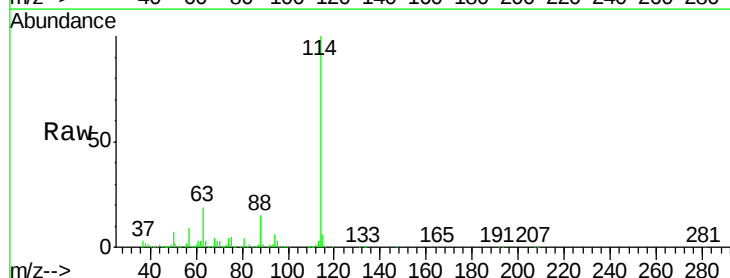
Instrument :
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 A0C17-SS1

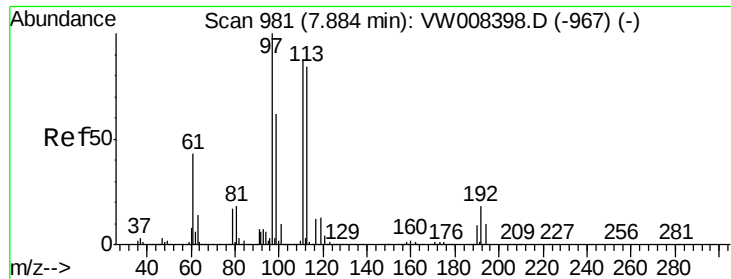
Tot Ion: 65 Resp: 201020
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008481.D
 Acq: 01 Feb 2019 15:05

Tgt Ion: 114 Resp: 590565
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 43.6
 88 15.3 0.0 31.8

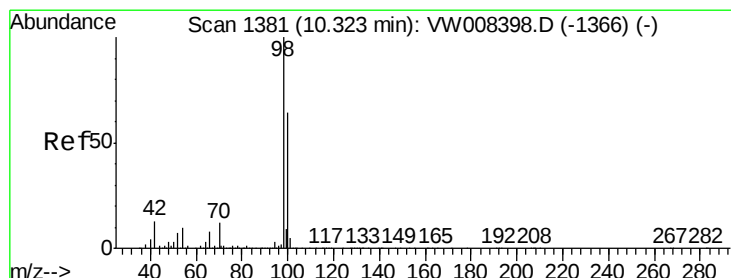
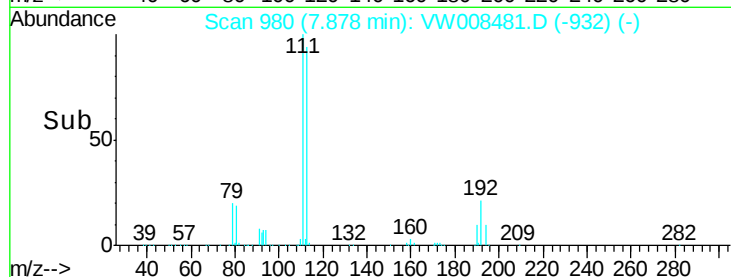
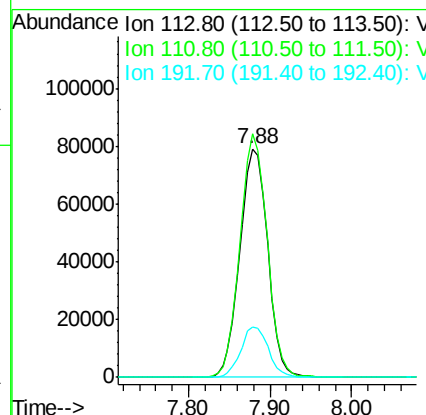
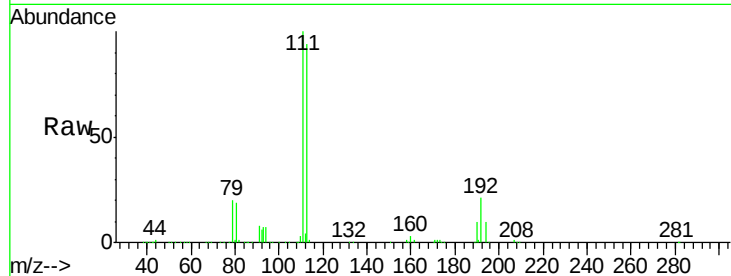




#35
 Dibromofluoromethane
 Concen: 54.198 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008481.D
 Acq: 01 Feb 2019 15:05

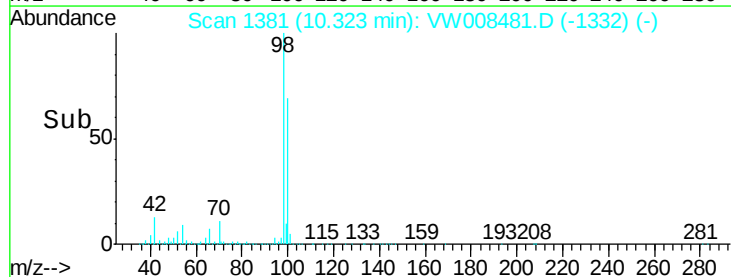
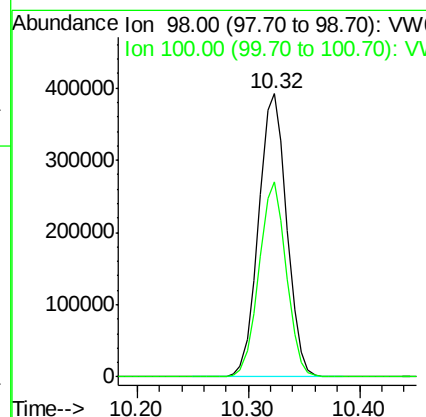
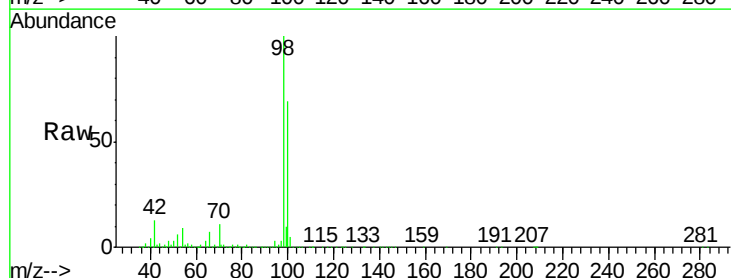
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1

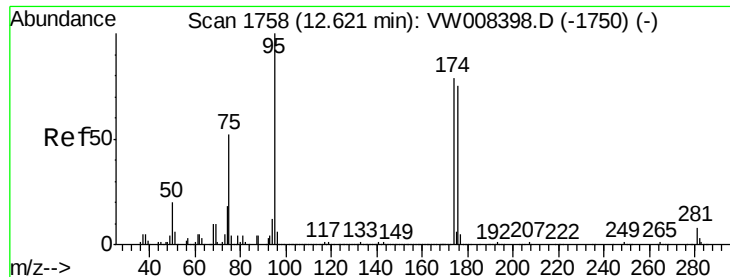
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.0	121.4
192	22.0	16.8	25.2



#50
 Toluene-d8
 Concen: 49.935 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008481.D
 Acq: 01 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 47.210 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008481.D

Acq: 01 Feb 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1

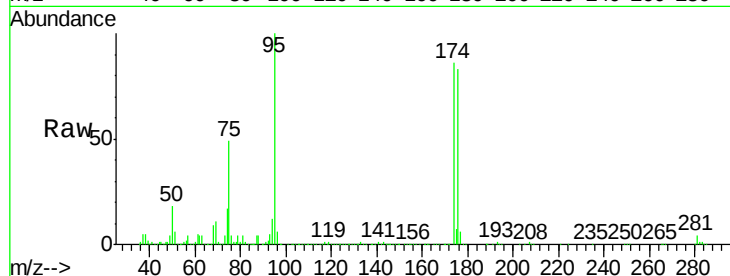
Tot Ion: 95 Resp: 251289

Ion Ratio Lower Upper

95 100

174 83.8 0.0 157.6

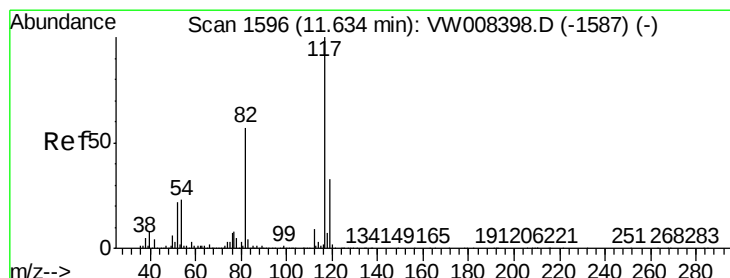
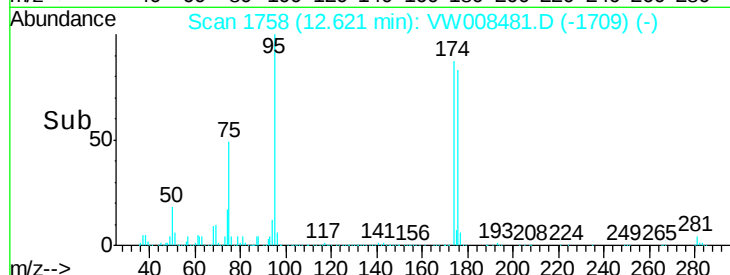
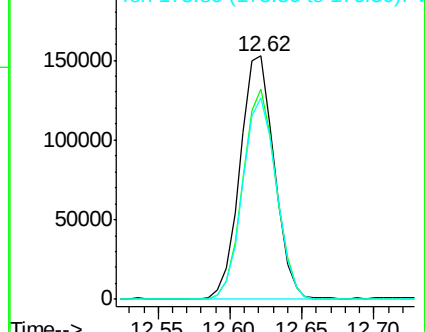
176 81.4 0.0 151.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008481.D

Acq: 01 Feb 2019 15:05

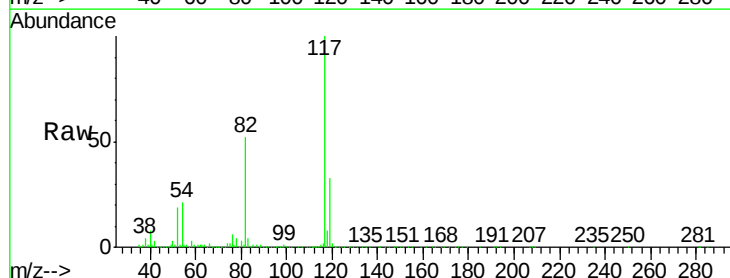
Tgt Ion: 117 Resp: 521330

Ion Ratio Lower Upper

117 100

82 52.0 45.4 68.0

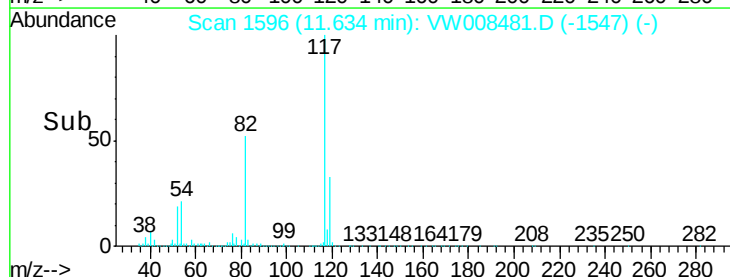
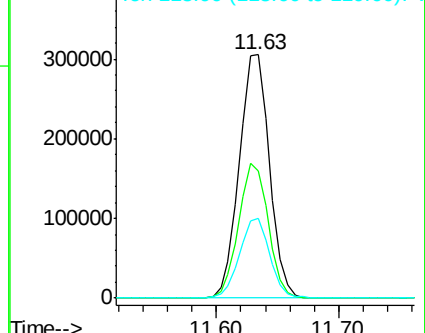
119 32.6 26.2 39.4

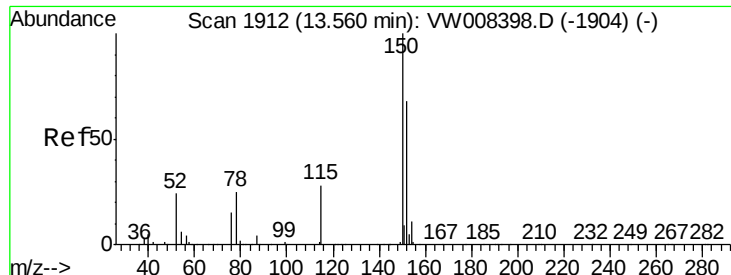


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008481.D

Acq: 01 Feb 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1

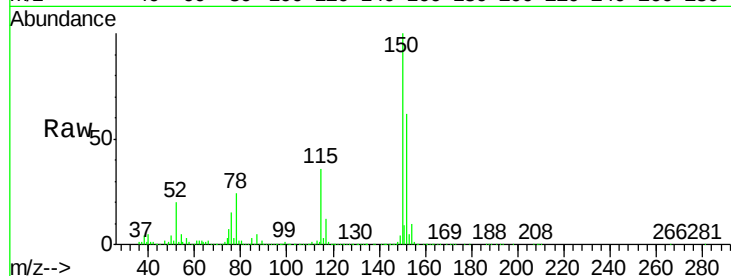
Tot Ion:152 Resp: 242938

Ion Ratio Lower Upper

152 100

115 57.5 29.9 89.7

150 157.6 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

