

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111318\
 Data File : VW006848.D
 Acq On : 13 Nov 2018 12:29
 Operator : SY/AP
 Sample : VW1113SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Nov 13 15:42:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	345877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	443212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	430613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	244533	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109058	43.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.26%	
35) Dibromofluoromethane	7.88	113	118227	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
50) Toluene-d8	10.33	98	494200	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
62) 4-Bromofluorobenzene	12.62	95	185633	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	

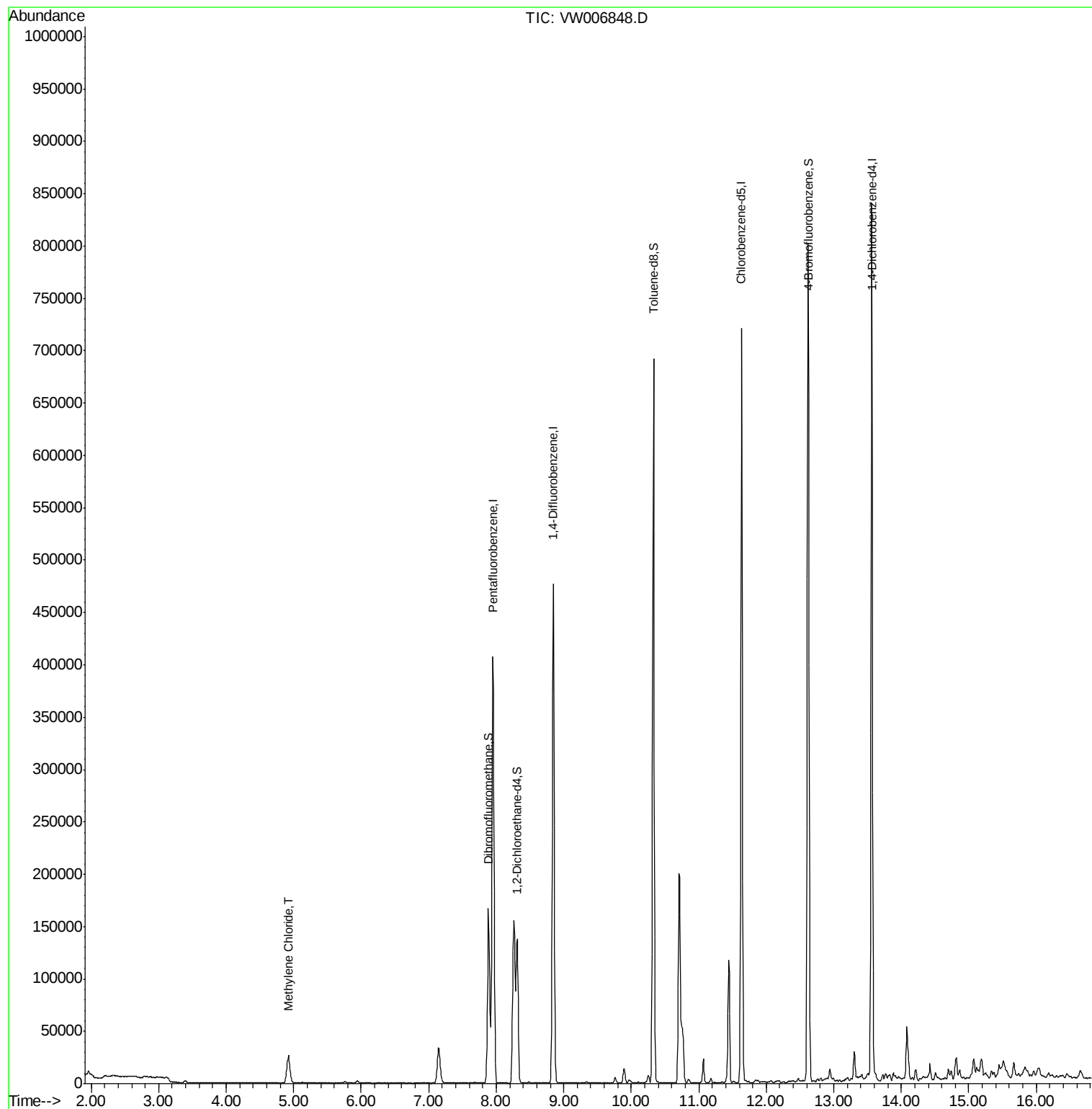
Target Compounds						Qvalue
20) Methylene Chloride	4.92	84	22776	1.89	ug/l	99

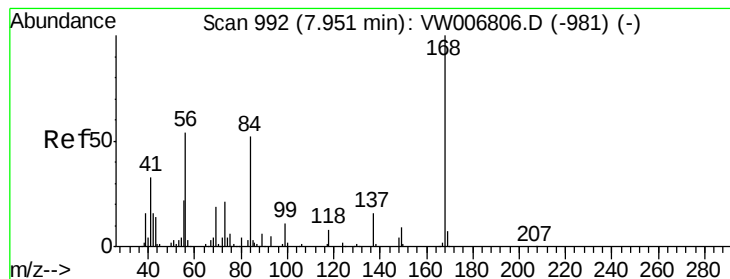
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006848.D

Acq: 13 Nov 2018 12:29

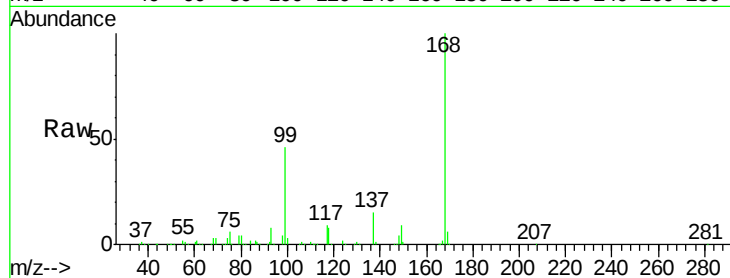
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 345877

Ion Ratio Lower Upper

168 100

99 46.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60):

Ion 98.90 (98.60 to 99.60): VW

7.95

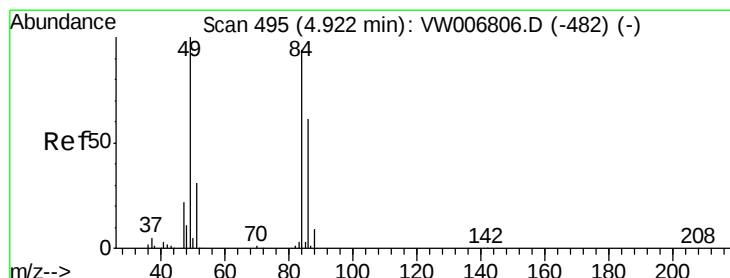
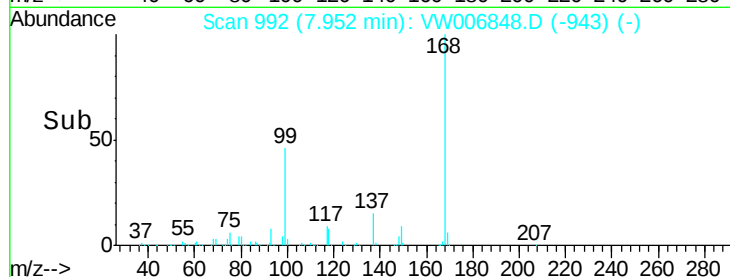
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 1.89 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006848.D

Acq: 13 Nov 2018 12:29

Tgt Ion: 84 Resp: 22776

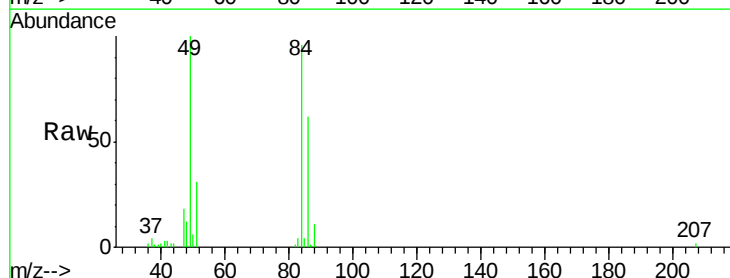
Ion Ratio Lower Upper

84 100

49 104.1 84.8 127.2

51 32.3 26.2 39.4

86 64.9 51.8 77.8



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

10000

8000

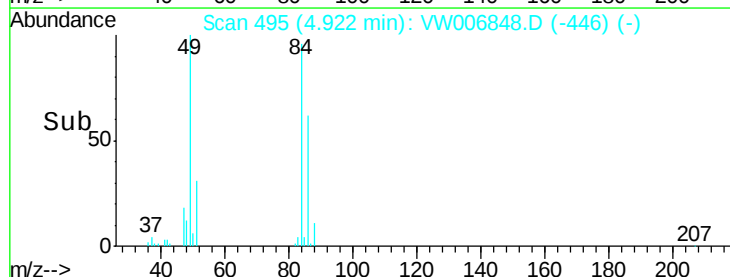
6000

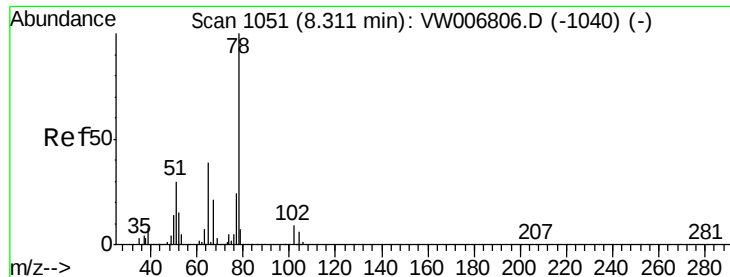
4000

2000

0

Time--> 4.80 4.90 5.00

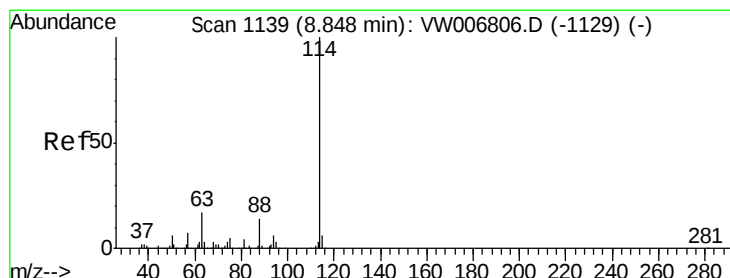
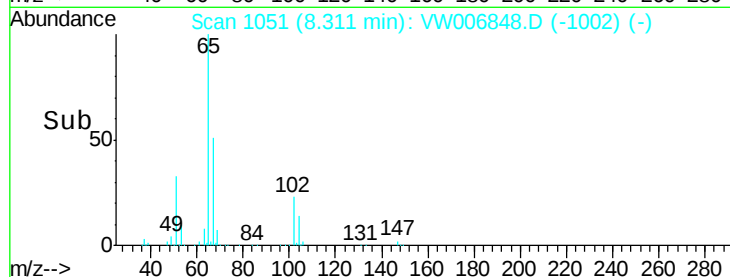
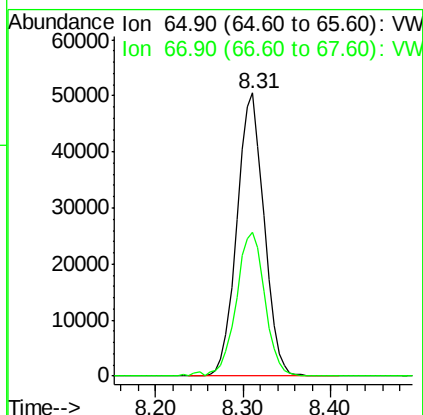
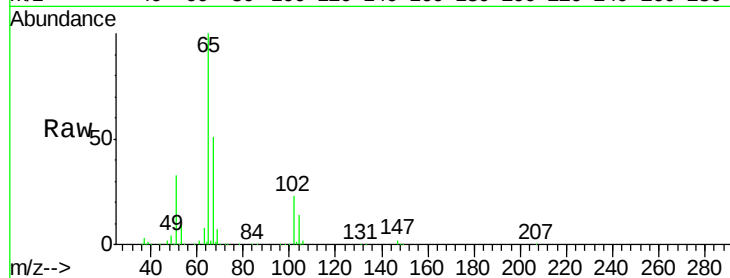




#33
 1,2-Dichloroethane-d4
 Concen: 43.13 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006848.D
 Acq: 13 Nov 2018 12:29

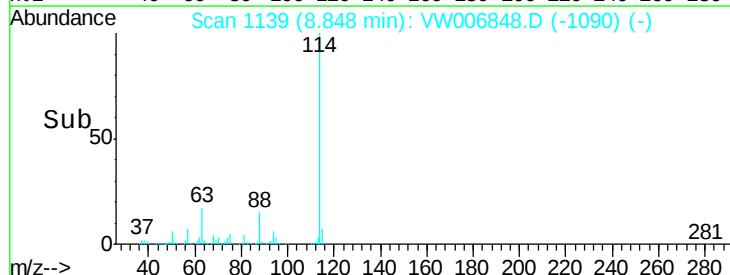
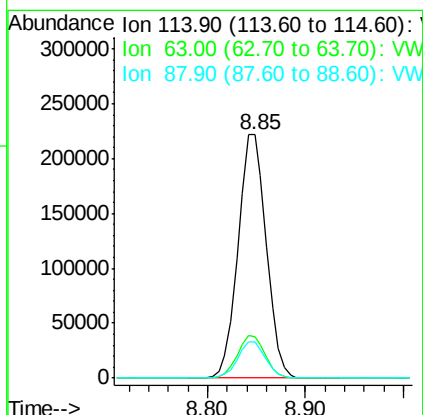
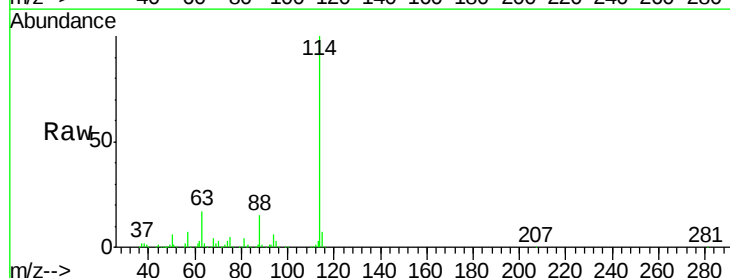
Instrument :
 MSVOA_F
 ClientSampleId :

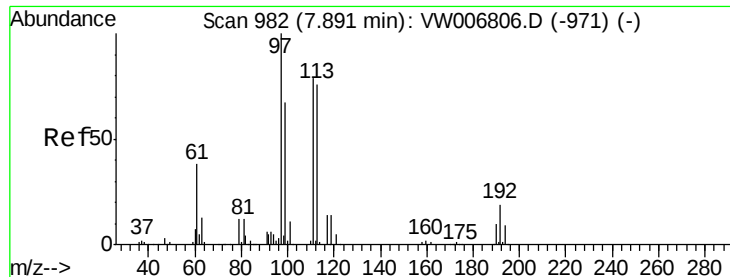
Tot Ion: 65 Resp: 109058
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006848.D
 Acq: 13 Nov 2018 12:29

Tgt Ion: 114 Resp: 443212
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 33.6
 88 14.7 0.0 28.4

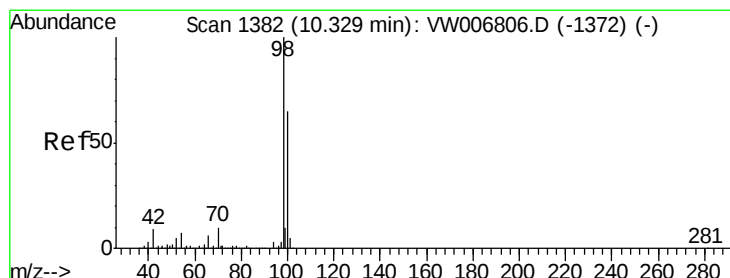
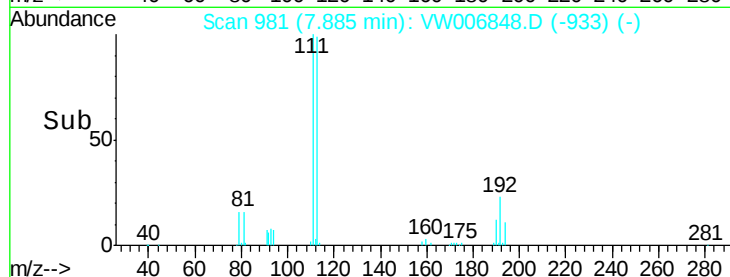
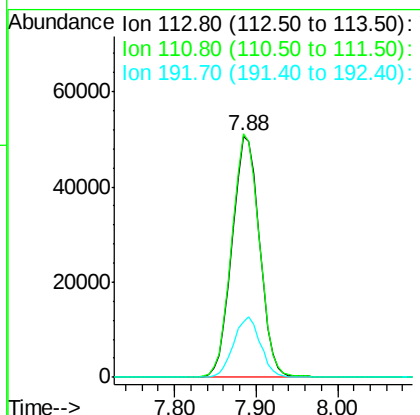
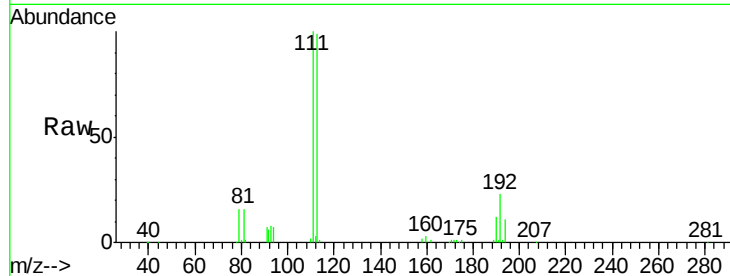




#35
 Dibromofluoromethane
 Concen: 44.80 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006848.D
 Acq: 13 Nov 2018 12:29

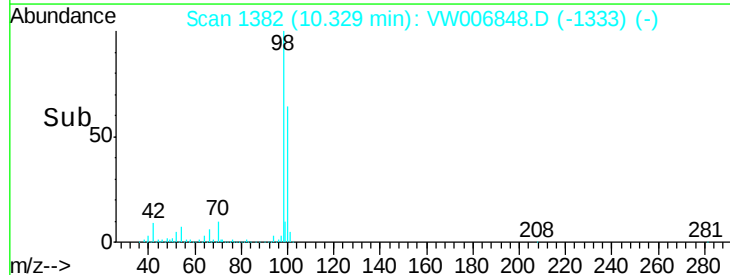
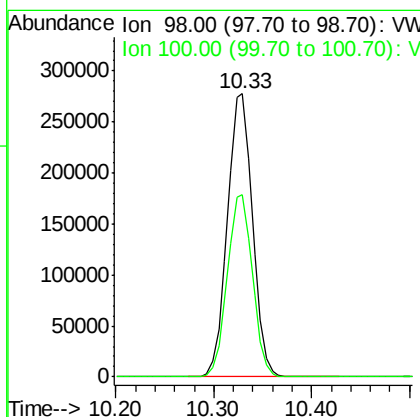
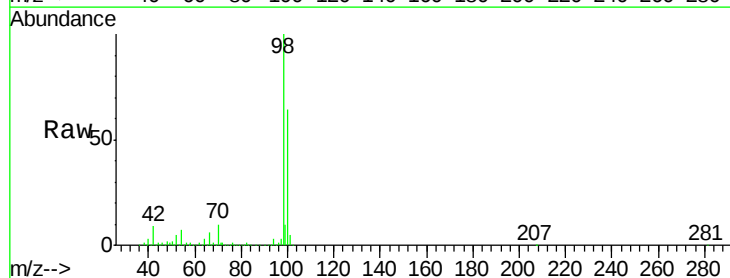
Instrument :
 MSVOA_F
 ClientSampleId :

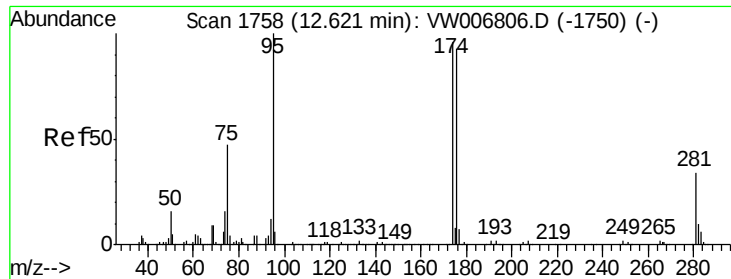
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.0	121.6
192	24.4	19.0	28.6



#50
 Toluene-d8
 Concen: 45.18 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006848.D
 Acq: 13 Nov 2018 12:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.2





#62

4-Bromofluorobenzene

Concen: 46.07 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006848.D

Acq: 13 Nov 2018 12:29

Instrument :

MSVOA_F

ClientSampleId :

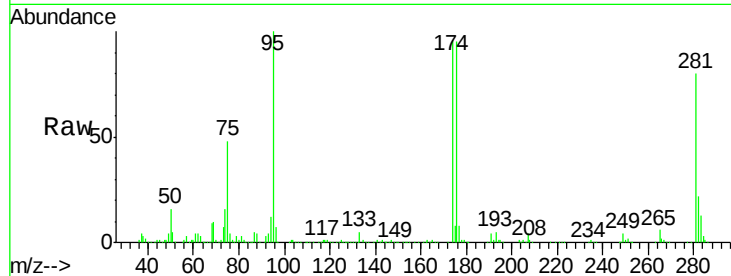
Tot Ion: 95 Resp: 185633

Ion Ratio Lower Upper

95 100

174 98.3 0.0 196.6

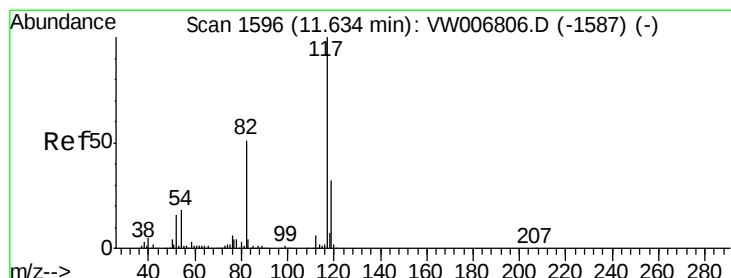
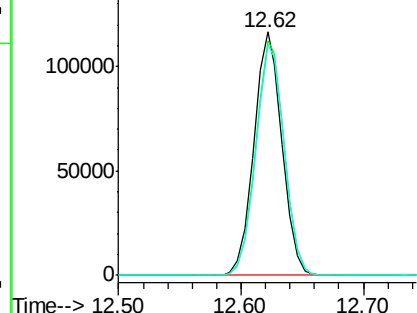
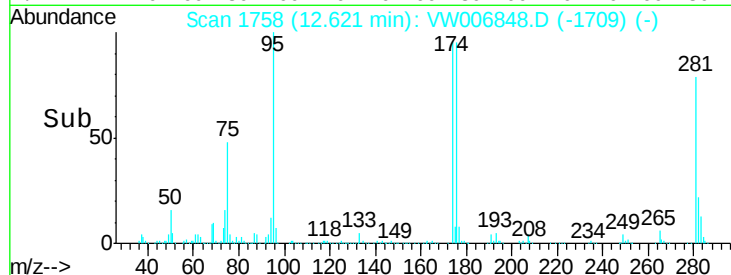
176 96.4 0.0 191.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50):

Ion 175.80 (175.50 to 176.50):



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006848.D

Acq: 13 Nov 2018 12:29

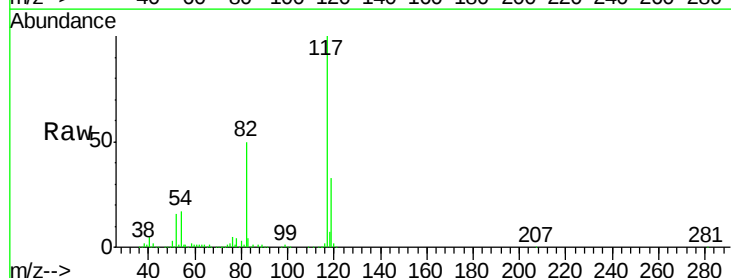
Tgt Ion: 117 Resp: 430613

Ion Ratio Lower Upper

117 100

82 50.0 40.6 61.0

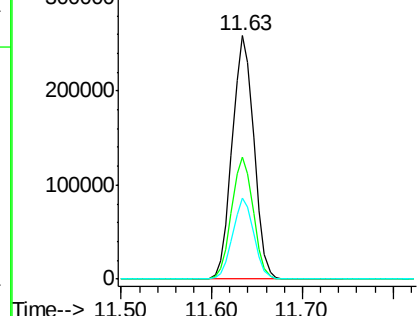
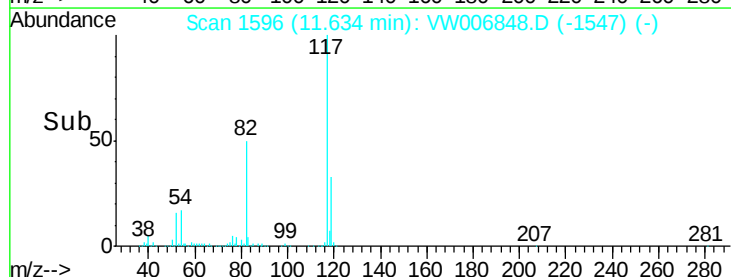
119 33.1 25.5 38.3

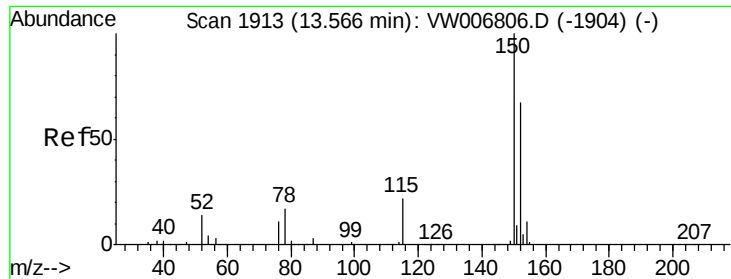


Abundance Ion 116.90 (116.60 to 117.60):

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60):





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006848.D

Acq: 13 Nov 2018 12:29

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:152 Resp: 244533

Ion Ratio Lower Upper

152 100

115 53.8 27.3 81.8

150 156.5 0.0 353.0

