

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013206.D
 Acq On : 21 Sep 2019 02:12
 Operator : SY/VA
 Sample : K4925-01
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SS-1

Quant Time: Sep 21 06:15:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

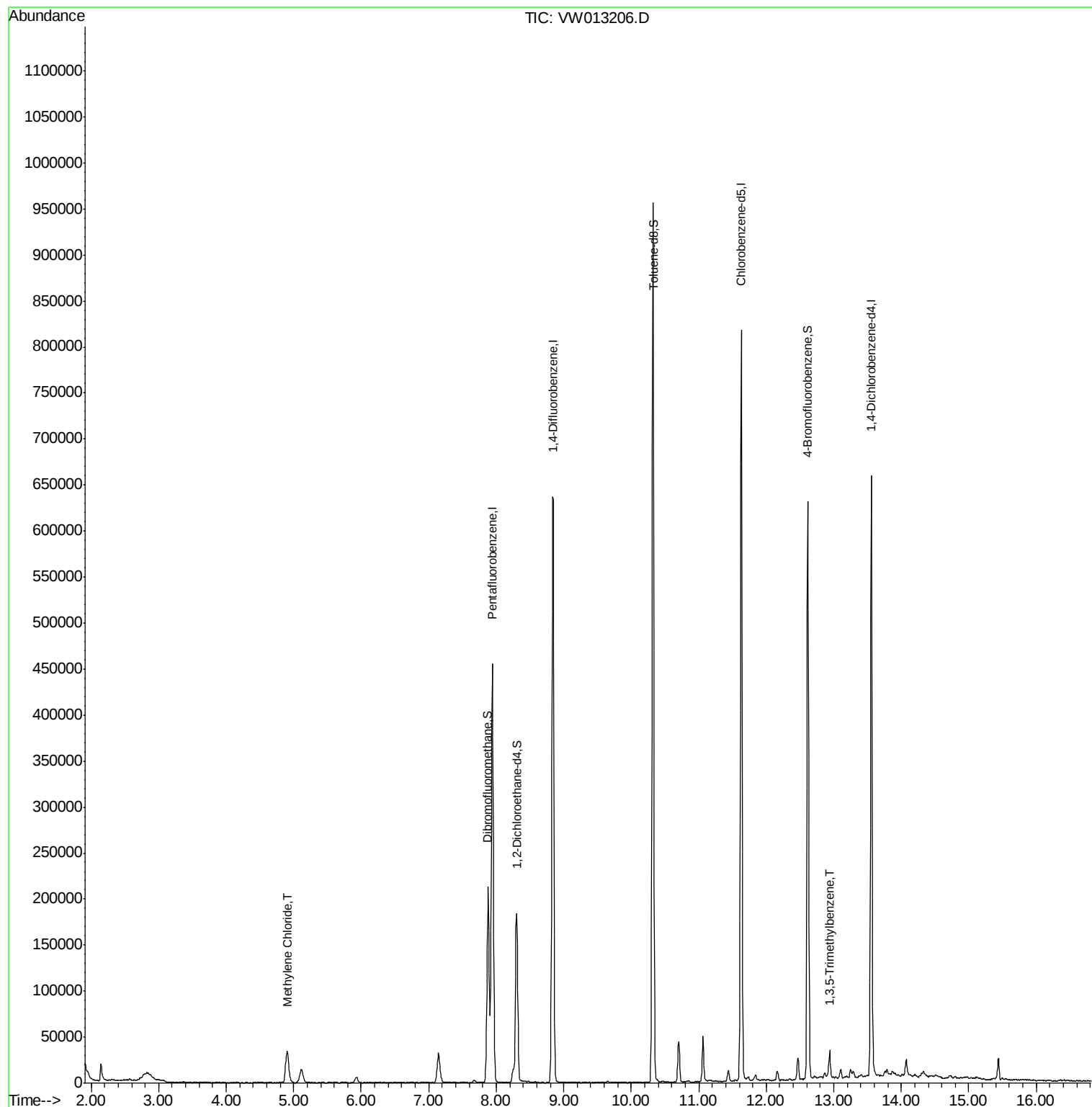
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	379078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	568842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	477383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	180047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	149460	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
35) Dibromofluoromethane	7.88	113	153624	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	10.32	98	667915	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.62	95	196517	43.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.88%	
Target Compounds						
20) Methylene Chloride	4.90	84	28299	5.336	ug/l	94
80) 1,3,5-Trimethylbenzene	12.94	105	11430	1.022	ug/l	99

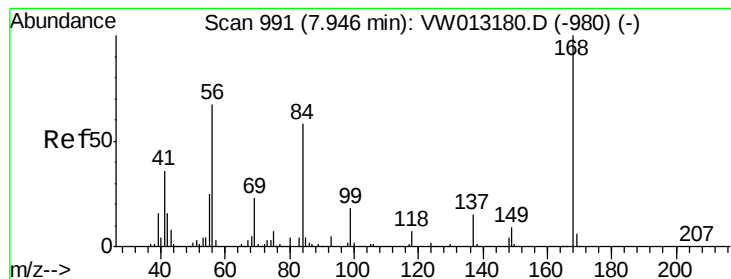
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
Data File : VW013206.D
Acq On : 21 Sep 2019 02:12
Operator : SY/VA
Sample : K4925-01
Misc : 5.03G/5ML/MSVOA W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SS-1

Quant Time: Sep 21 06:15:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013206.D

Acq: 21 Sep 2019 02:12

Instrument :

MSVOA_W

ClientSampled :

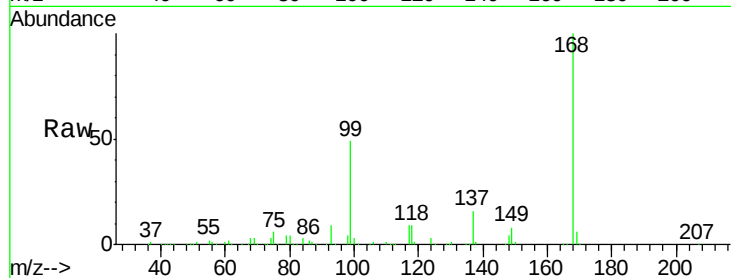
SS-1

Tot Ion:168 Resp: 379078

Ion Ratio Lower Upper

168 100

99 49.0 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

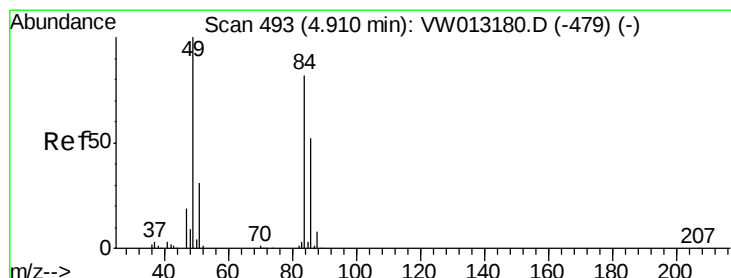
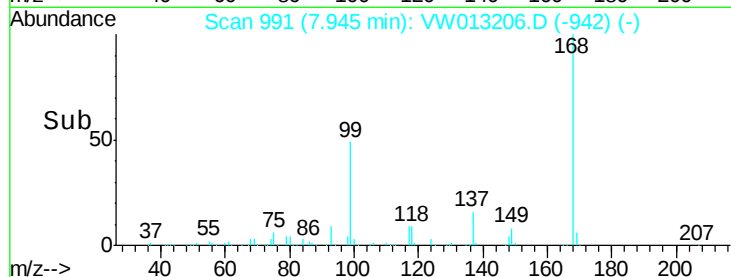
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.336 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW013206.D

Acq: 21 Sep 2019 02:12

Tgt Ion: 84 Resp: 28299

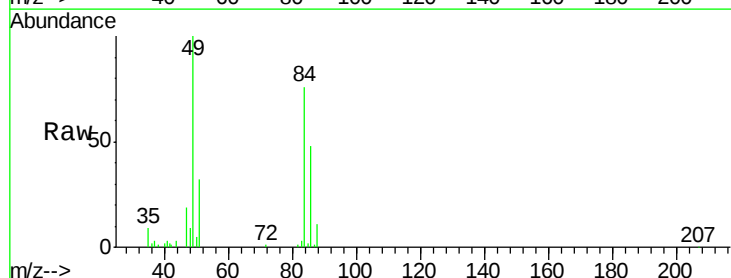
Ion Ratio Lower Upper

84 100

49 131.1 97.6 146.4

51 42.6 30.2 45.2

86 62.9 50.6 76.0



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

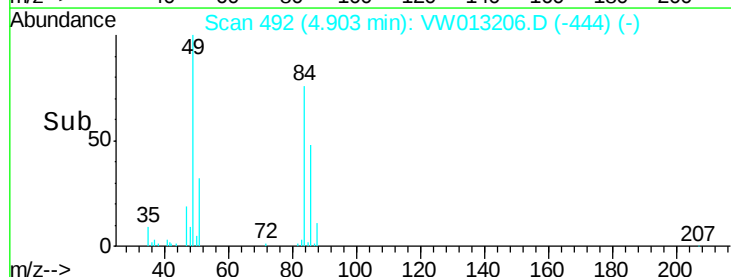
15000

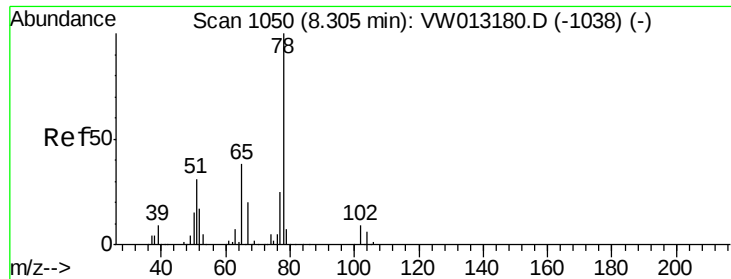
10000

5000

0

Time-->

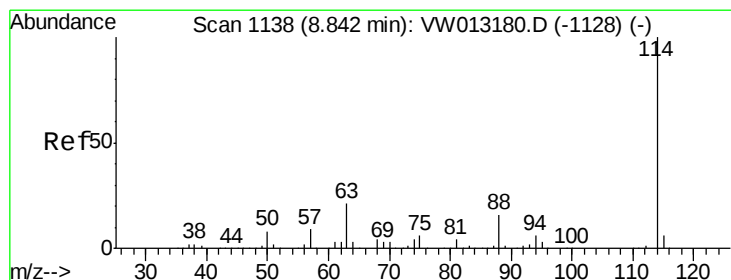
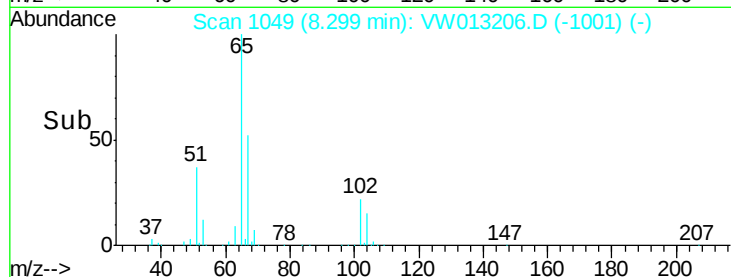
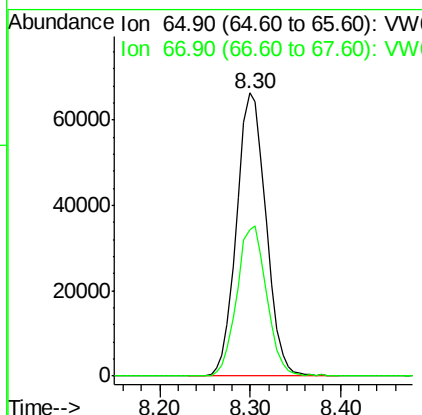
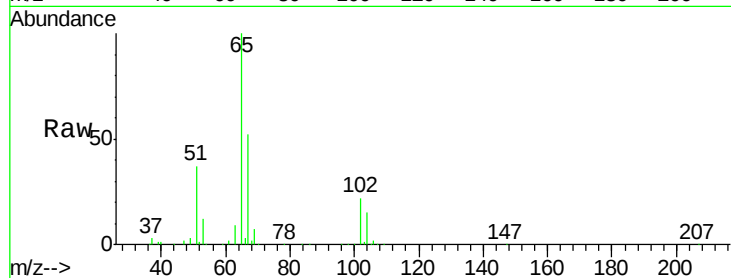




#33
 1,2-Dichloroethane-d4
 Concen: 48.309 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013206.D
 Acq: 21 Sep 2019 02:12

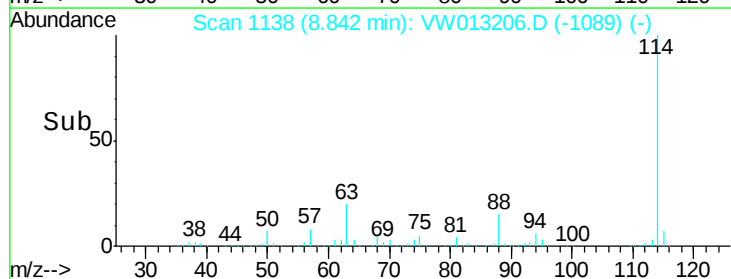
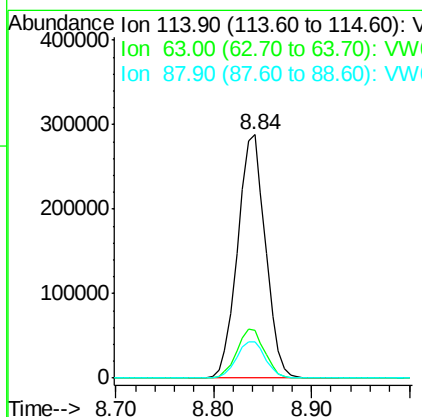
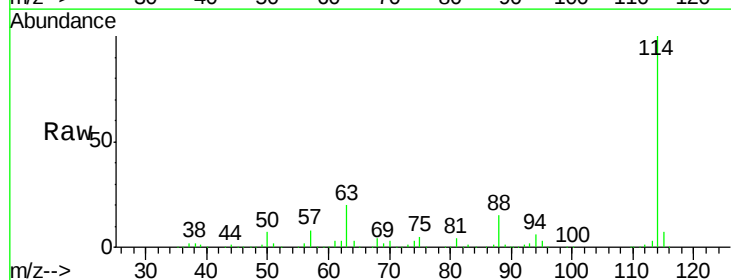
Instrument :
 MSVOA_W
 ClientSampleId :
 SS-1

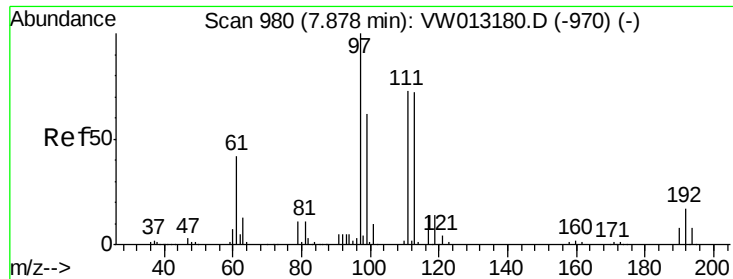
Tot Ion: 65 Resp: 149460
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013206.D
 Acq: 21 Sep 2019 02:12

Tgt Ion: 114 Resp: 568842
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 14.8 0.0 32.0

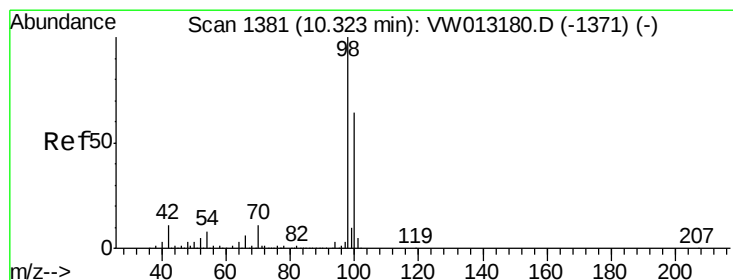
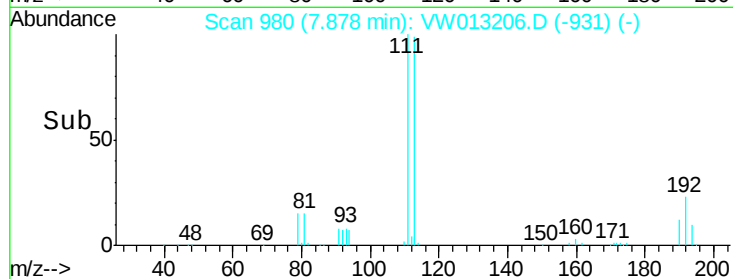
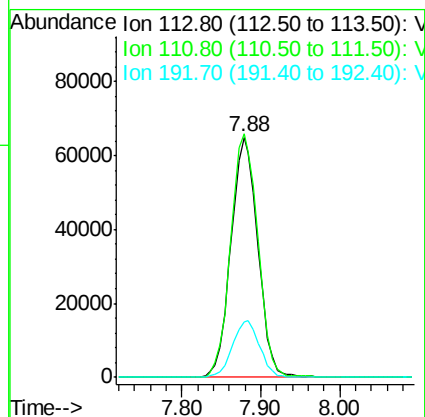
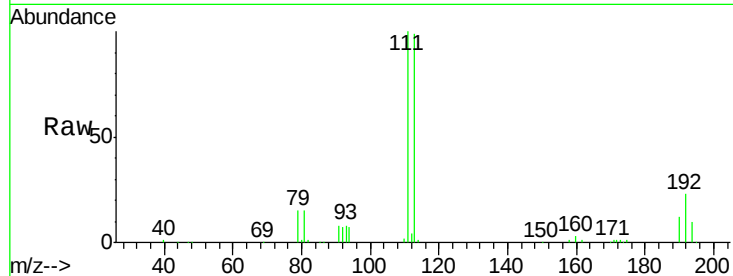




#35
 Dibromofluoromethane
 Concen: 49.103 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013206.D
 Acq: 21 Sep 2019 02:12

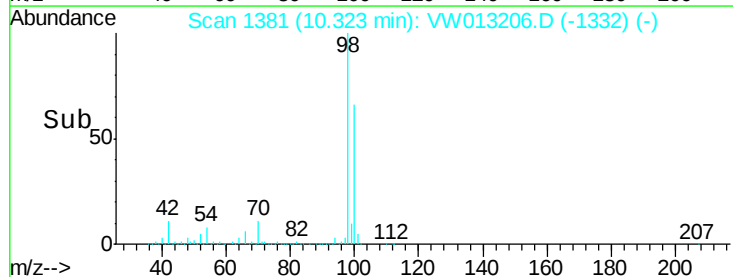
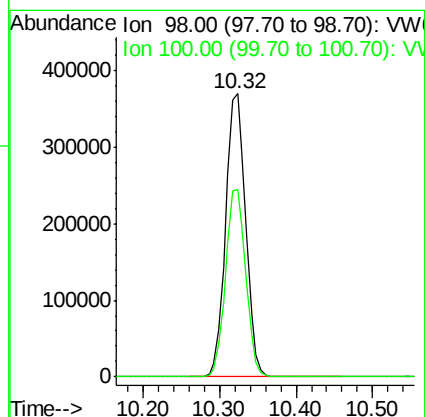
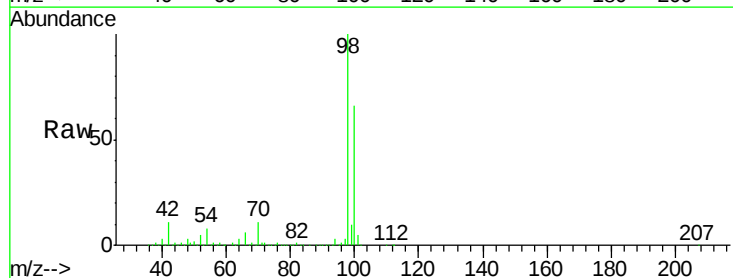
Instrument :
 MSVOA_W
 ClientSampleId :
 SS-1

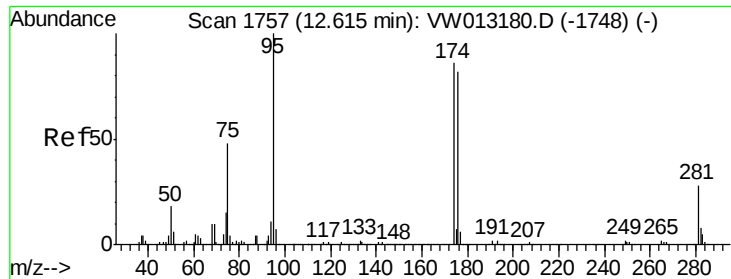
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	23.7	19.1	28.7



#50
 Toluene-d8
 Concen: 51.010 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013206.D
 Acq: 21 Sep 2019 02:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 43.937 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013206.D

Acq: 21 Sep 2019 02:12

Instrument :

MSVOA_W

ClientSampleId :

SS-1

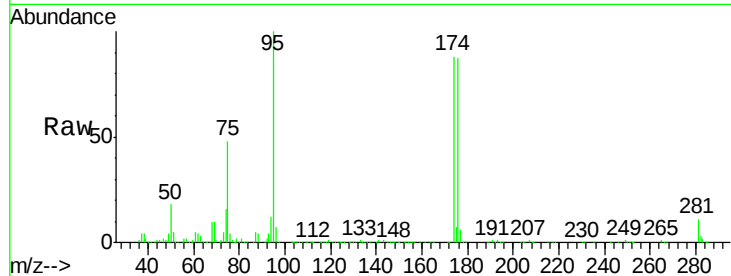
Tot Ion: 95 Resp: 196517

Ion Ratio Lower Upper

95 100

174 89.0 0.0 178.4

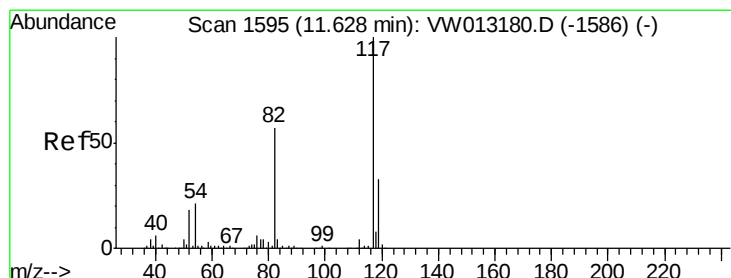
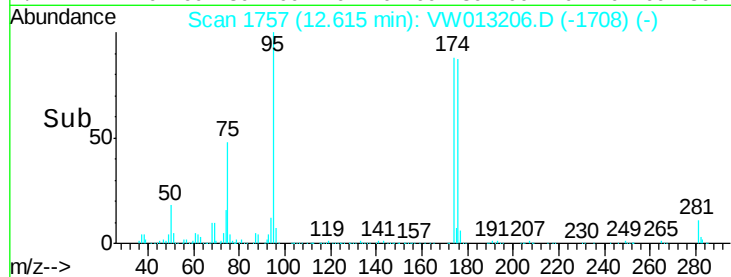
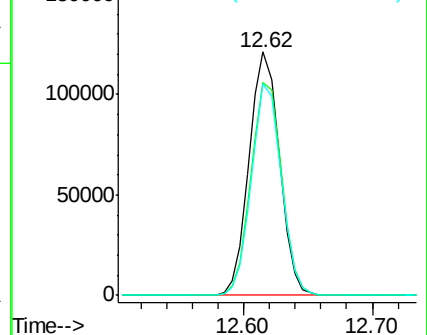
176 85.9 0.0 172.2



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# 1595

Delta R.T. -0.00 min

Lab File: VW013206.D

Acq: 21 Sep 2019 02:12

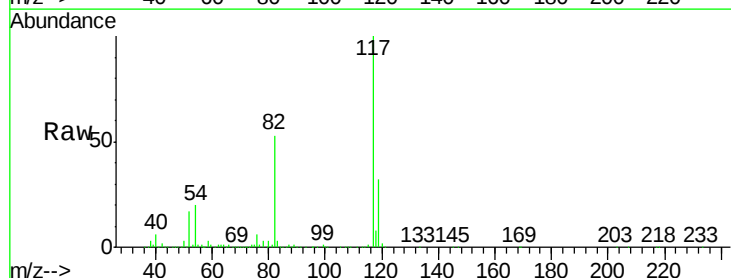
Tgt Ion: 117 Resp: 477383

Ion Ratio Lower Upper

117 100

82 53.4 45.9 68.9

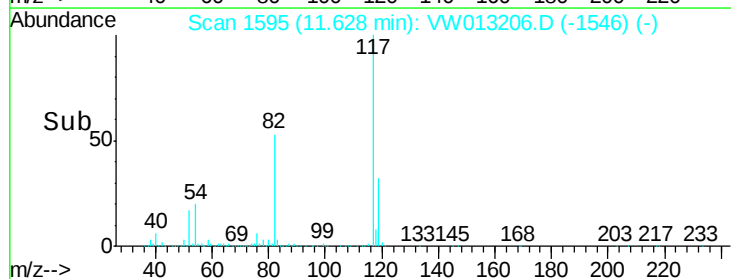
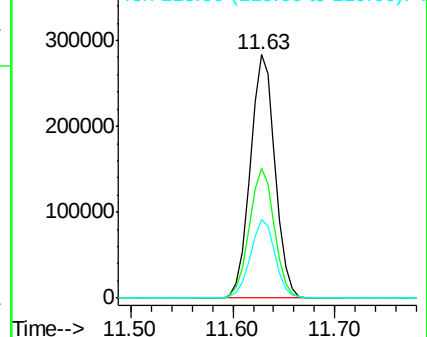
119 32.4 26.2 39.2

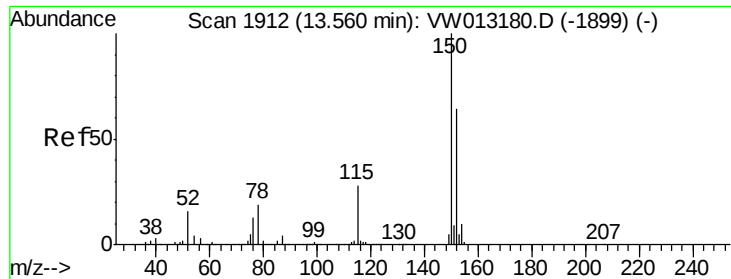


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



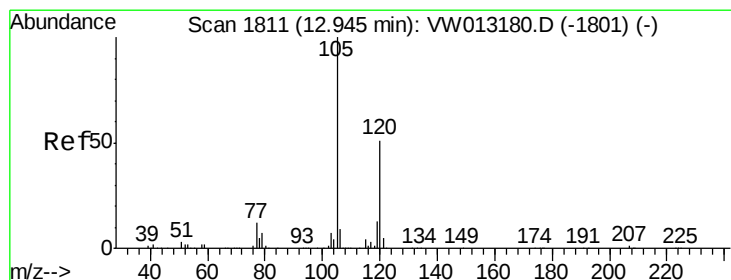
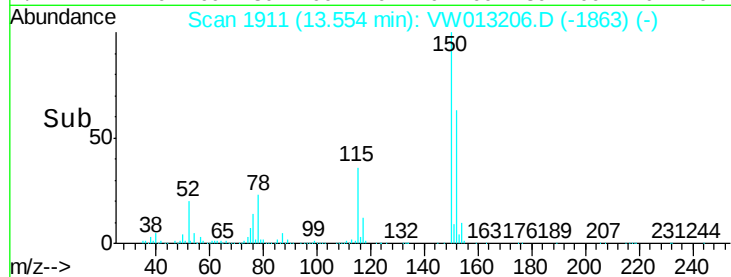
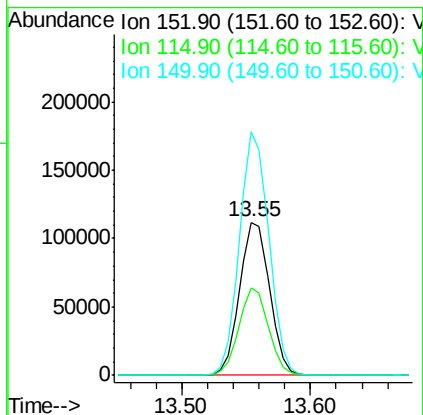
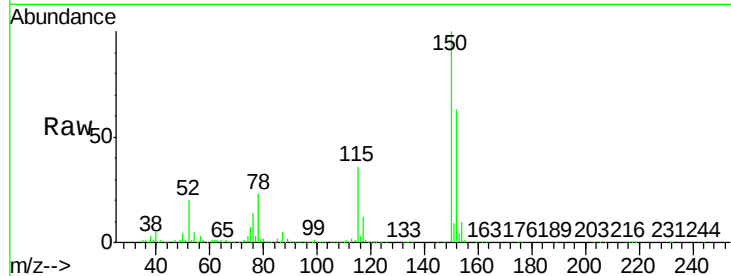


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013206.D
Acq: 21 Sep 2019 02:12

Instrument :
MSVOA_W
ClientSampled :
SS-1

Tot Ion:152 Resp: 180047
Ion Ratio Lower Upper
152 100
115 56.3 27.3 81.9
150 156.2 0.0 349.0



#80

1,3,5-Trimethylbenzene
Concen: 1.022 ug/l
RT: 12.94 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW013206.D
Acq: 21 Sep 2019 02:12

Tgt Ion:105 Resp: 11430
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.8

