

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004801.D
 Acq On : 20 Aug 2018 19:36
 Operator : SY/AP
 Sample : J4499-05
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-05(0-1)

Quant Time: Aug 21 01:42:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

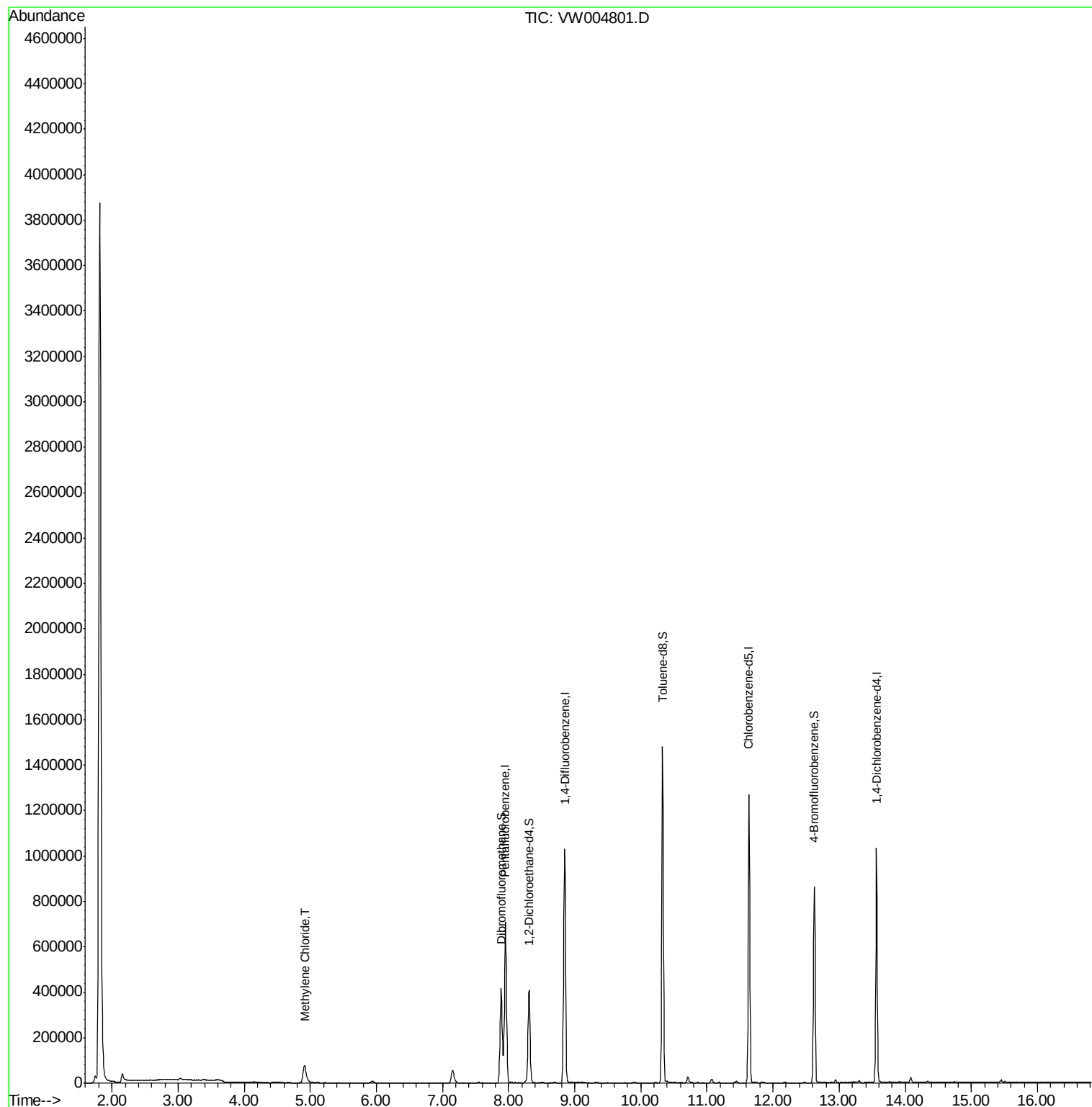
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	538994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	865605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	735381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	276115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	319217	61.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.52%	
35) Dibromofluoromethane	7.88	113	304103	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
50) Toluene-d8	10.33	98	986873	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	12.63	95	283048	36.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.86%	
Target Compounds						
20) Methylene Chloride	4.92	84	68819	7.68	ug/l	Qvalue 95

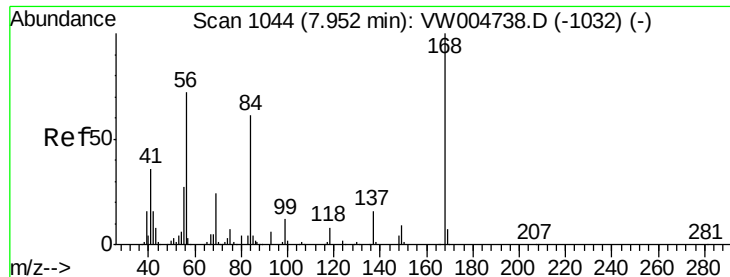
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004801.D

Acq: 20 Aug 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

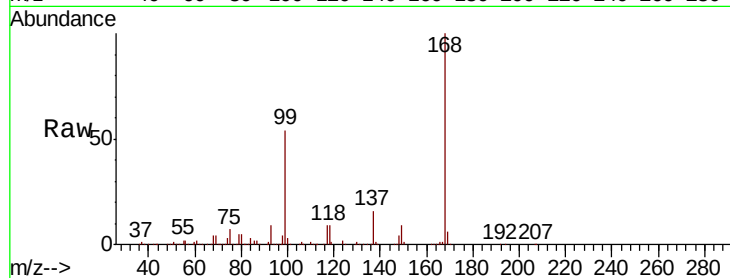
LSB-05(0-1)

Tot Ion:168 Resp: 538994

Ion Ratio Lower Upper

168 100

99 54.1 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

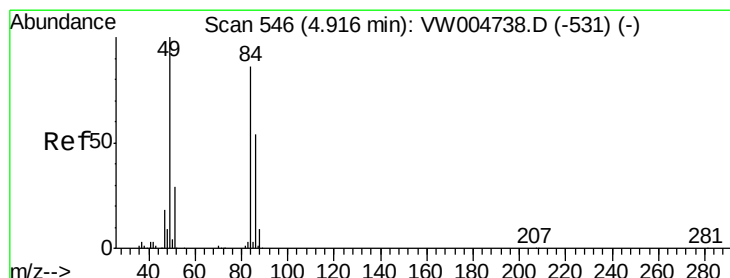
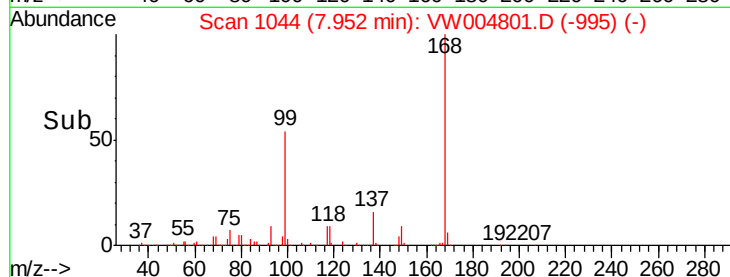
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 7.68 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.00 min

Lab File: VW004801.D

Acq: 20 Aug 2018 19:36

Tgt Ion: 84 Resp: 68819

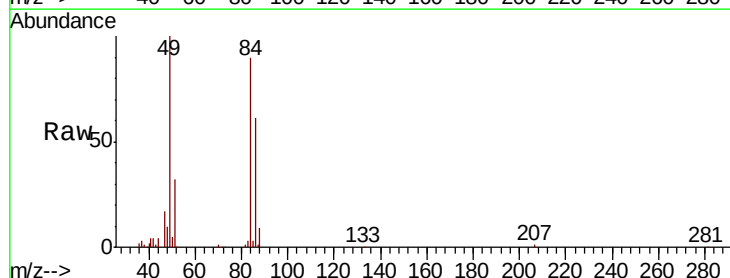
Ion Ratio Lower Upper

84 100

49 110.7 93.2 139.8

51 35.1 27.4 41.0

86 67.3 50.6 75.8



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

4.92

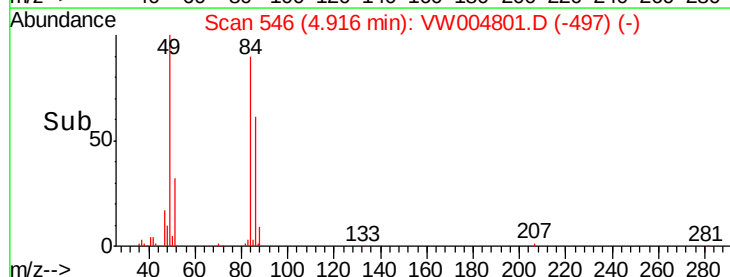
30000

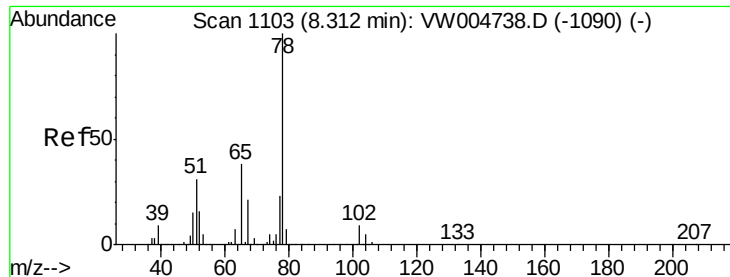
20000

10000

0

Time--> 4.80 4.90 5.00 5.10

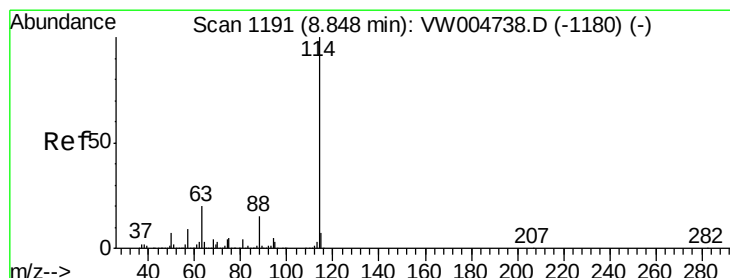
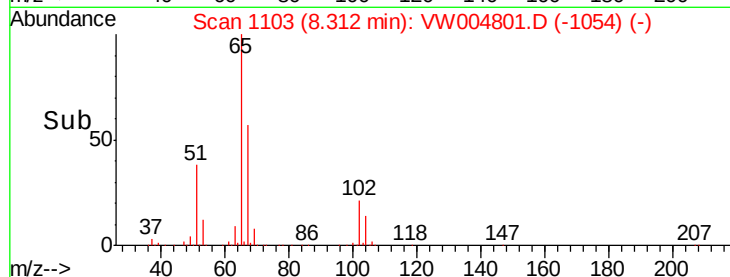
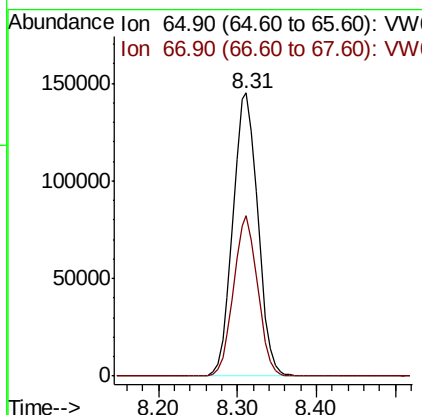
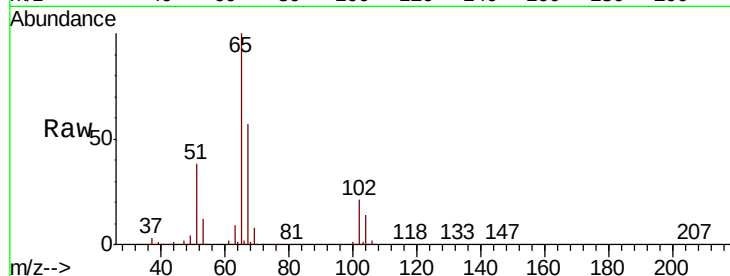




#33
 1,2-Dichloroethane-d4
 Concen: 61.26 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004801.D
 Acq: 20 Aug 2018 19:36

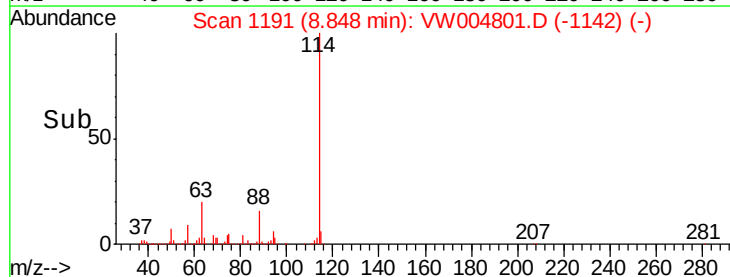
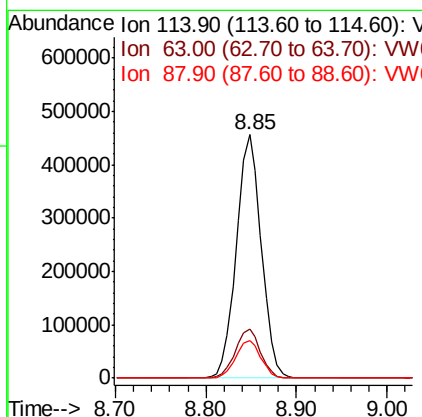
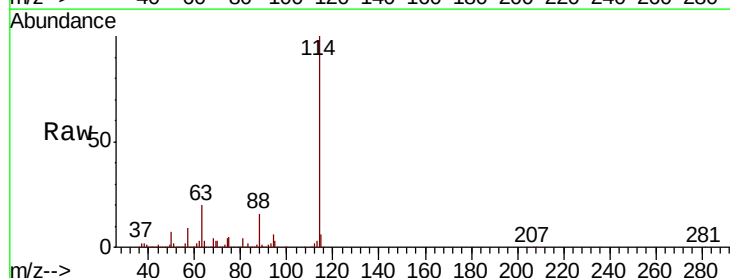
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-05(0-1)

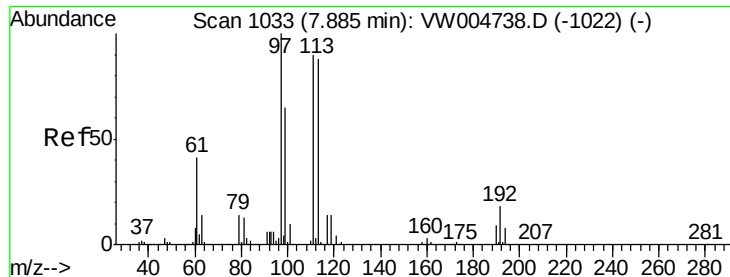
Tot Ion: 65 Resp: 319217
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004801.D
 Acq: 20 Aug 2018 19:36

Tgt Ion: 114 Resp: 865605
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.6 0.0 30.0

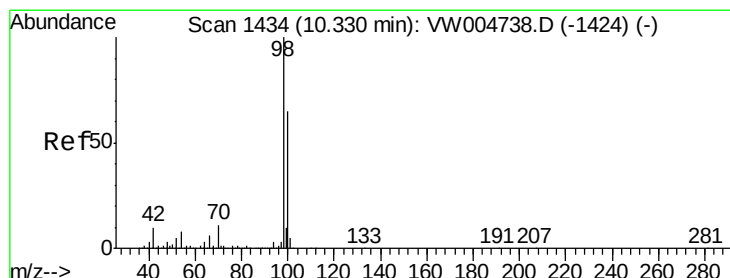
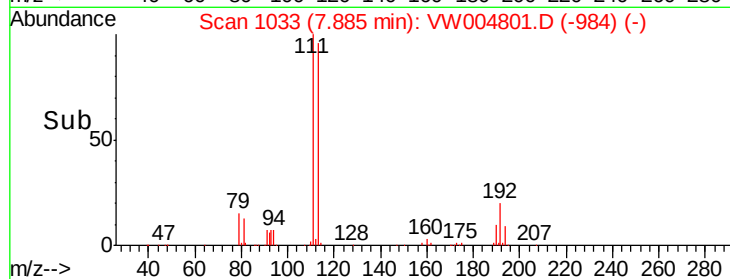
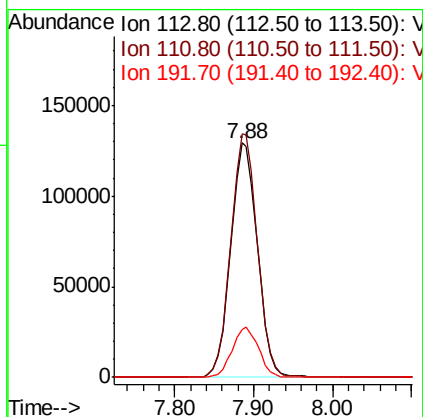
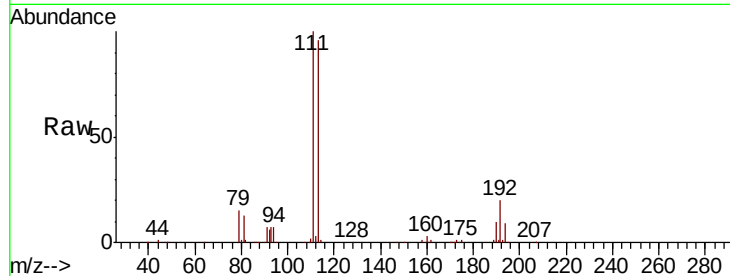




#35
 Dibromofluoromethane
 Concen: 54.97 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004801.D
 Acq: 20 Aug 2018 19:36

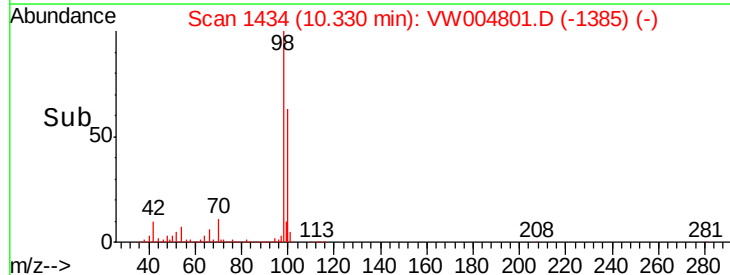
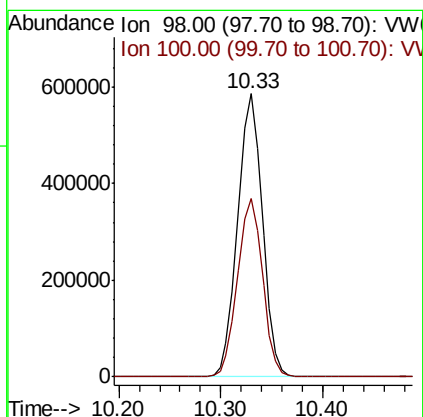
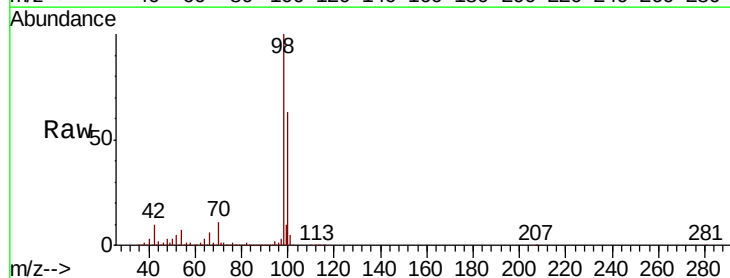
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-05(0-1)

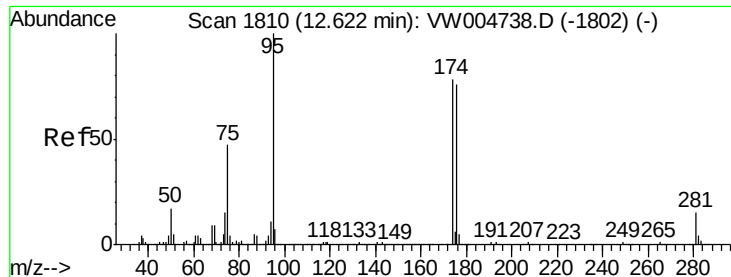
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	21.2	16.7	25.1



#50
 Toluene-d8
 Concen: 45.70 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004801.D
 Acq: 20 Aug 2018 19:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.8	77.8

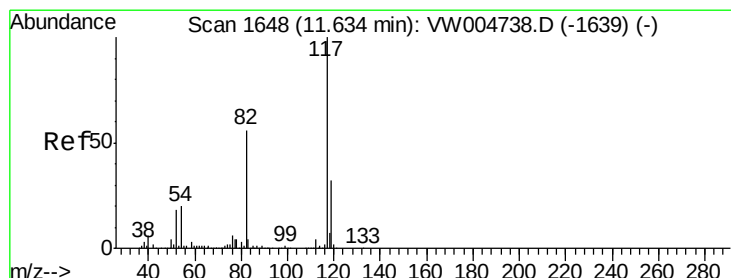
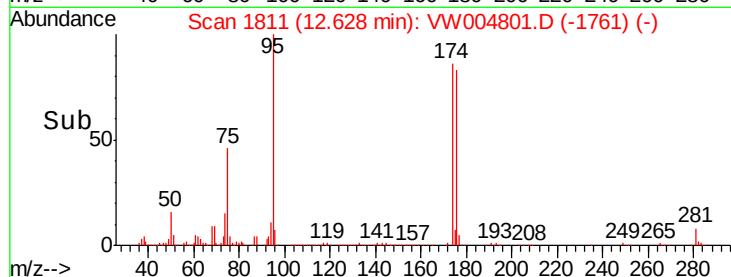
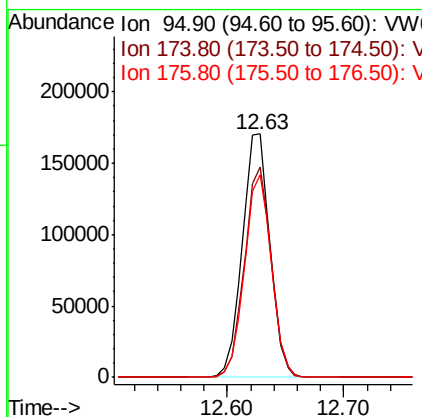
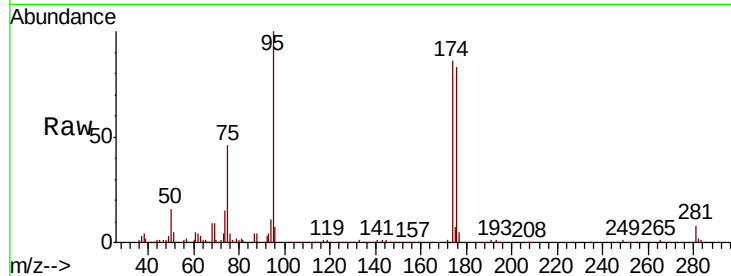




#62
4-Bromofluorobenzene
Concen: 36.43 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004801.D
Acq: 20 Aug 2018 19:36

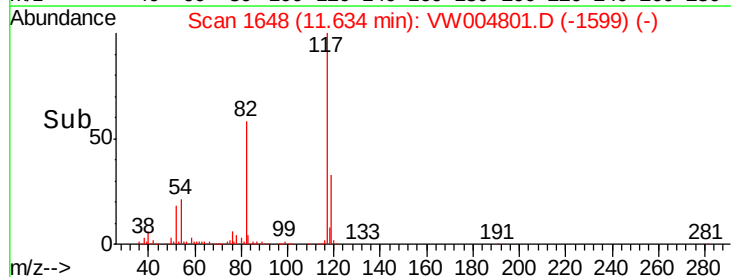
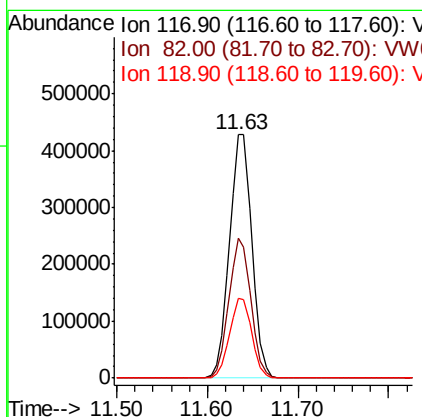
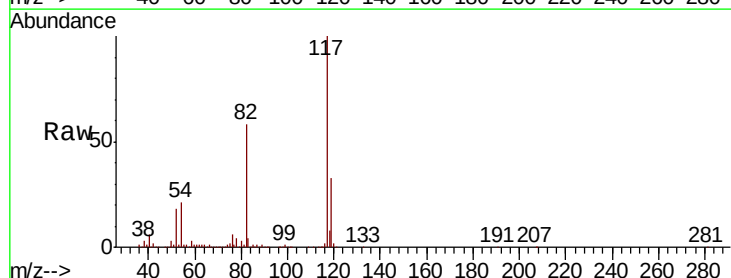
Instrument :
MSVOA_W
ClientSampleId :
LSB-05(0-1)

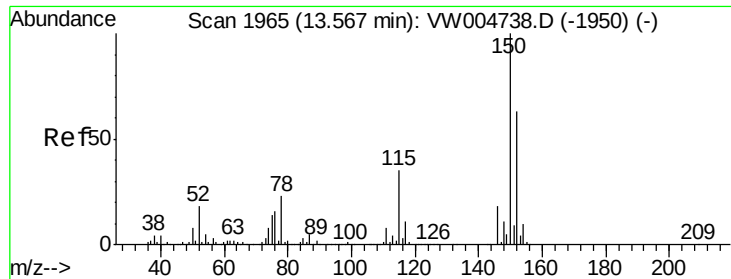
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	165.8
176	80.9	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004801.D
Acq: 20 Aug 2018 19:36

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.6	67.0
119	32.9	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004801.D

Acq: 20 Aug 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

LSB-05(0-1)

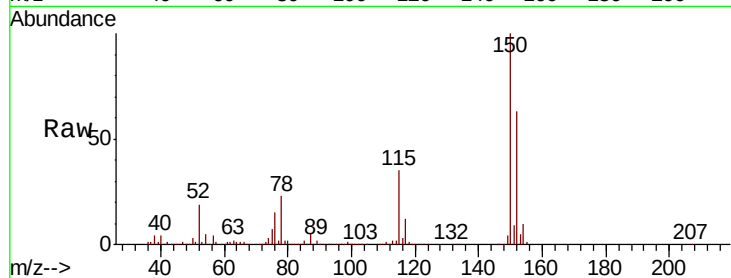
Tot Ion:152 Resp: 276115

Ion Ratio Lower Upper

152 100

115 56.4 28.5 85.5

150 157.7 0.0 344.8



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

