

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004800.D
 Acq On : 20 Aug 2018 19:10
 Operator : SY/AP
 Sample : J4499-04
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-04(0-1)

Quant Time: Aug 21 01:36:31 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	616080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	998824	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	865060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	363188	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	349050	58.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.20%	
35) Dibromofluoromethane	7.88	113	341235	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	10.33	98	1155725	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
62) 4-Bromofluorobenzene	12.62	95	342448	38.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.40%	

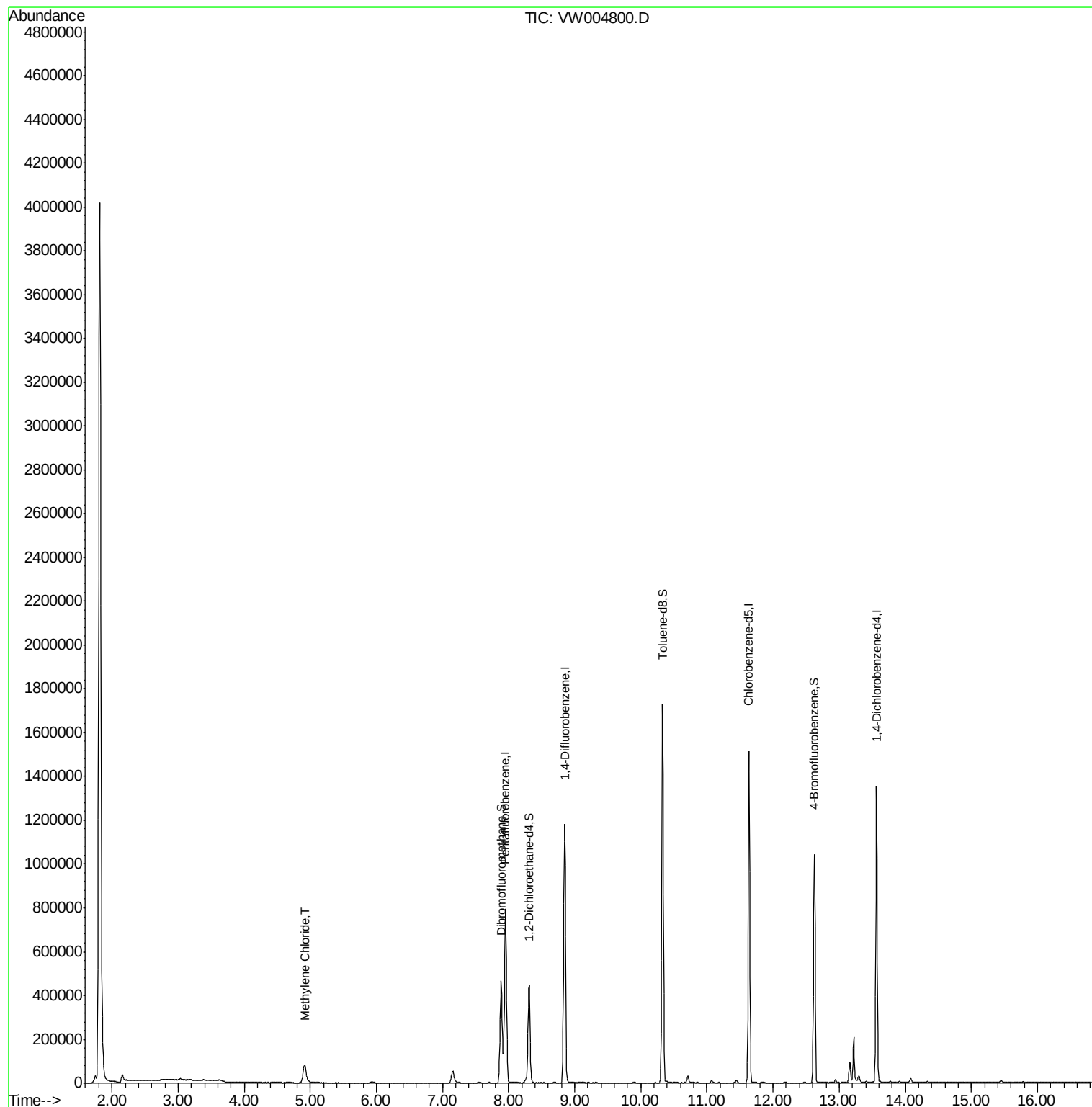
Target Compounds						Qvalue
20) Methylene Chloride	4.91	84	74010	6.94	ug/l	99

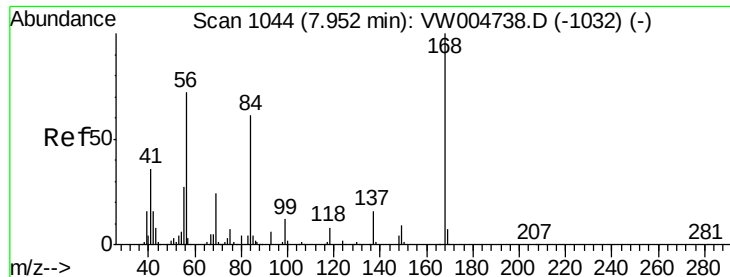
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004800.D

Acq: 20 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

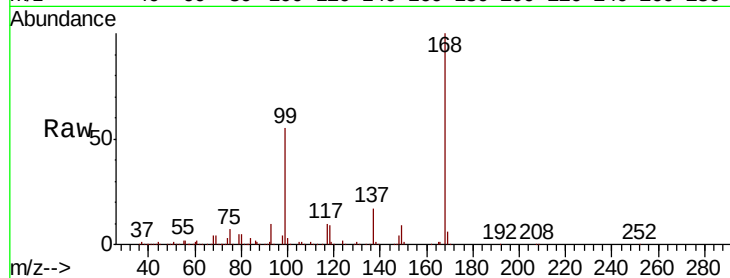
LSB-04(0-1)

Tot Ion:168 Resp: 616080

Ion Ratio Lower Upper

168 100

99 54.6 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

300000

250000

200000

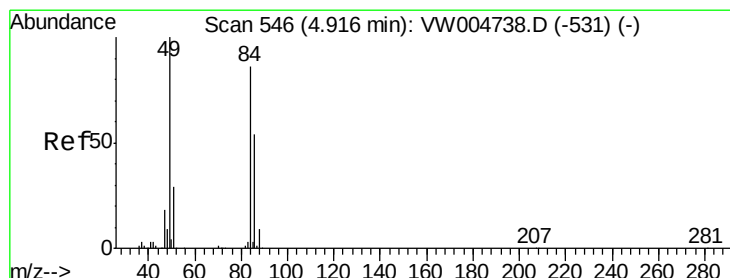
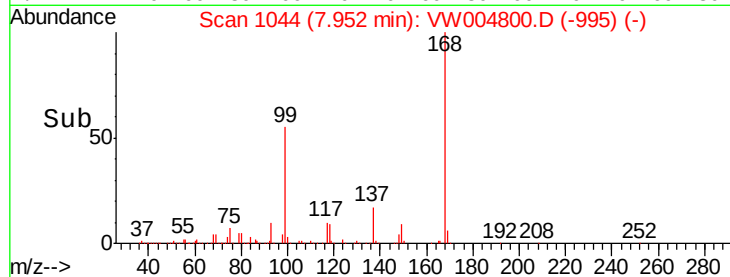
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.94 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004800.D

Acq: 20 Aug 2018 19:10

Tgt Ion: 84 Resp: 74010

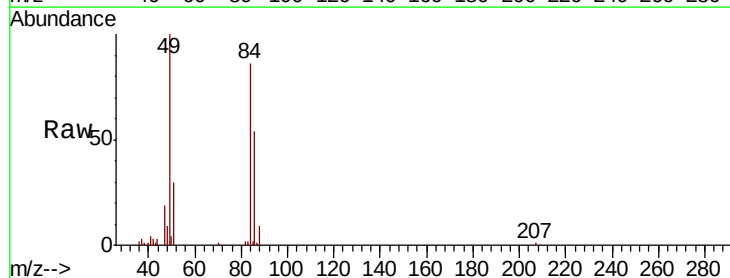
Ion Ratio Lower Upper

84 100

49 115.8 93.2 139.8

51 35.3 27.4 41.0

86 62.1 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

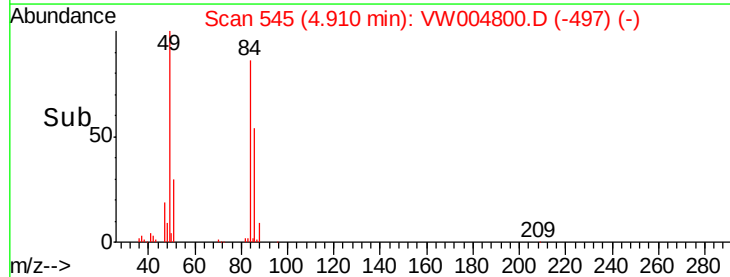
30000

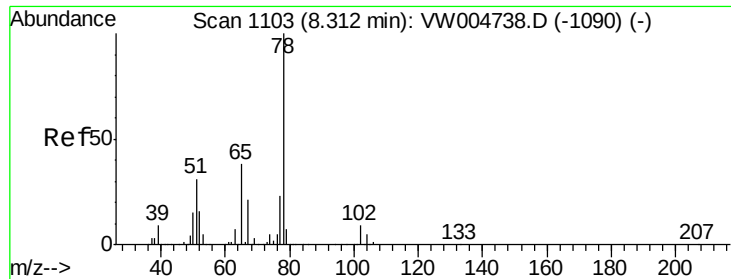
20000

10000

0

Time-->

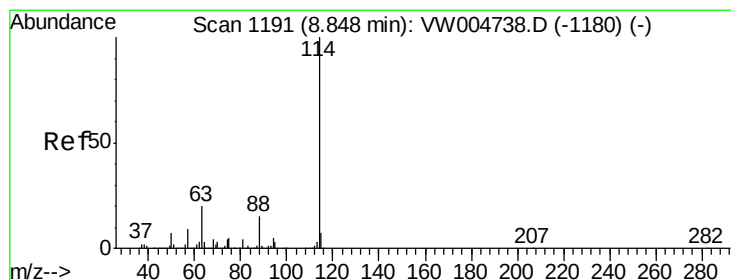
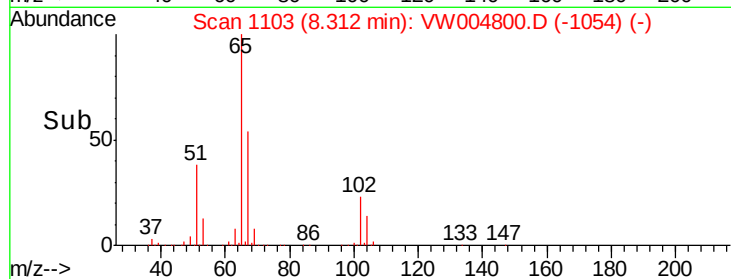
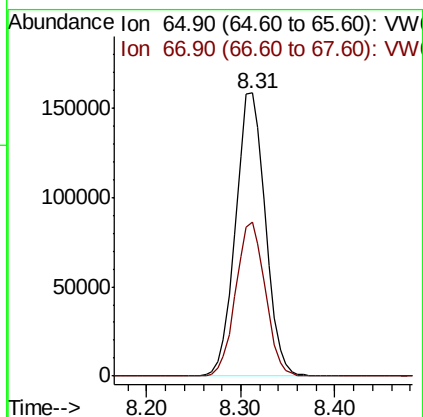
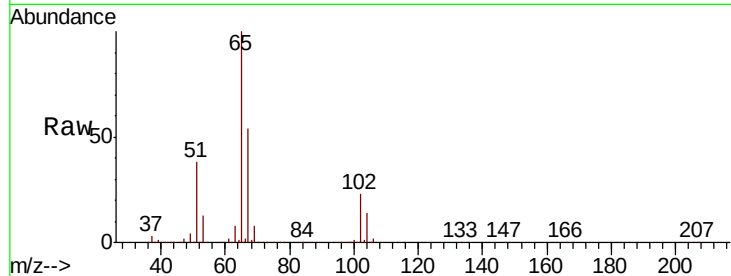




#33
 1,2-Dichloroethane-d4
 Concen: 58.60 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004800.D
 Acq: 20 Aug 2018 19:10

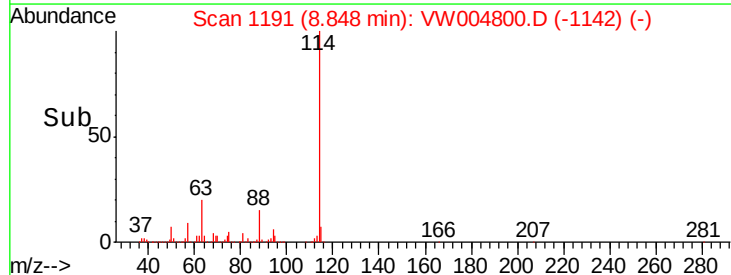
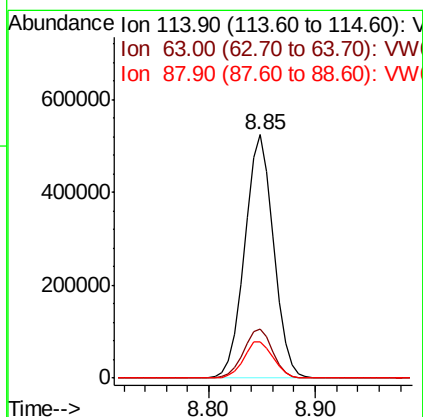
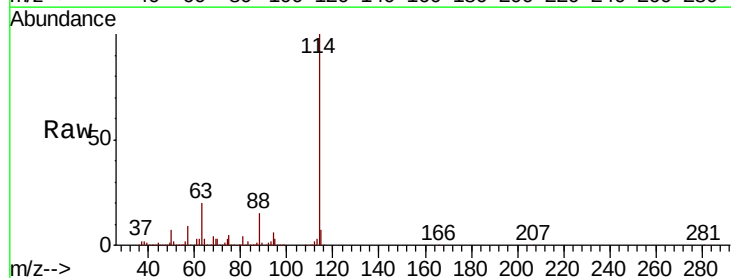
Instrument :
 MSVOA_W
 ClientSampled :
 LSB-04(0-1)

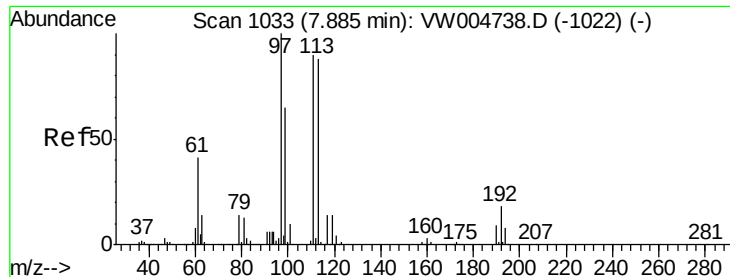
Tot Ion: 65 Resp: 349050
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004800.D
 Acq: 20 Aug 2018 19:10

Tgt Ion: 114 Resp: 998824
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 14.8 0.0 30.0

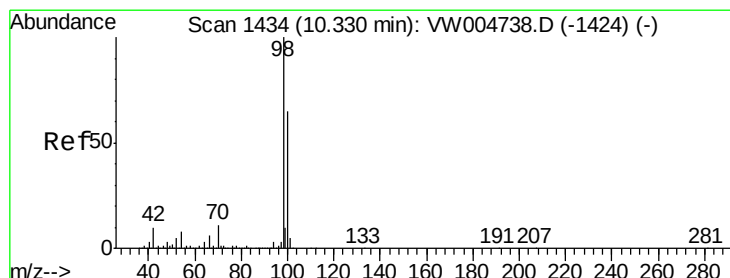
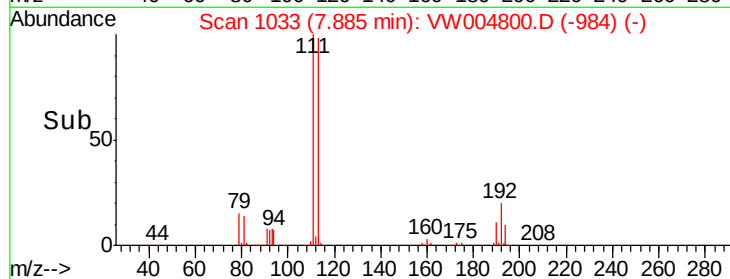
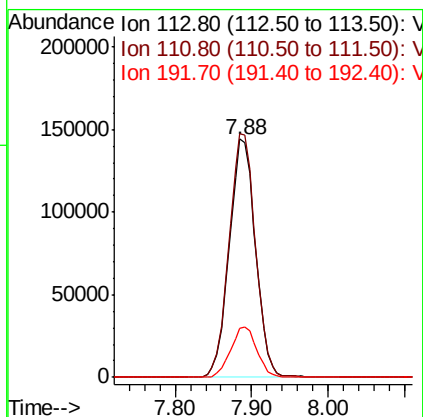
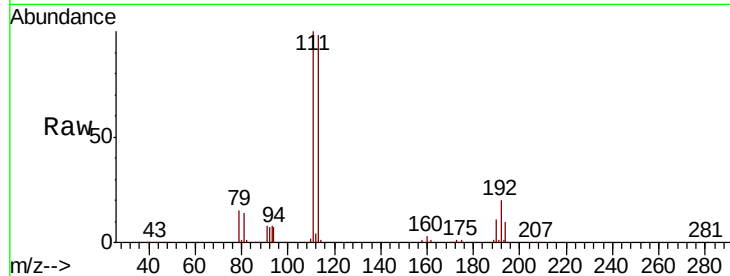




#35
 Dibromofluoromethane
 Concen: 53.45 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004800.D
 Acq: 20 Aug 2018 19:10

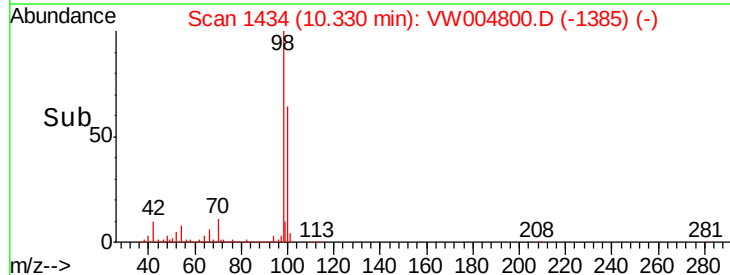
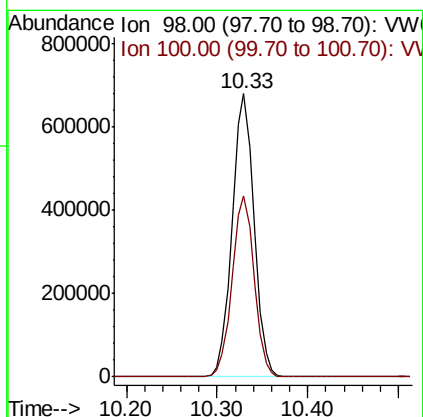
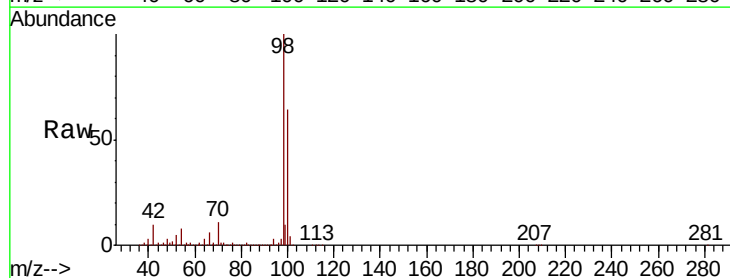
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-04(0-1)

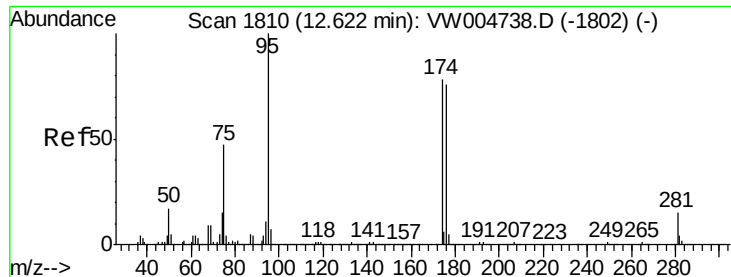
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	21.2	16.7	25.1



#50
 Toluene-d8
 Concen: 46.38 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004800.D
 Acq: 20 Aug 2018 19:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.8	77.8

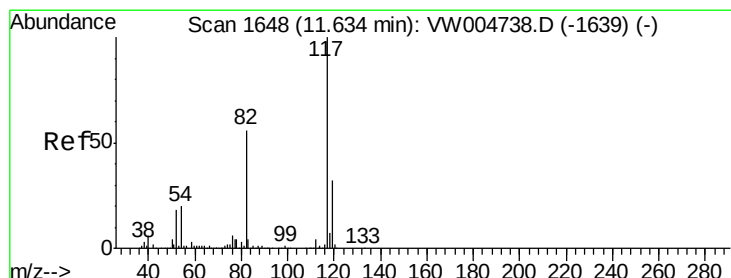
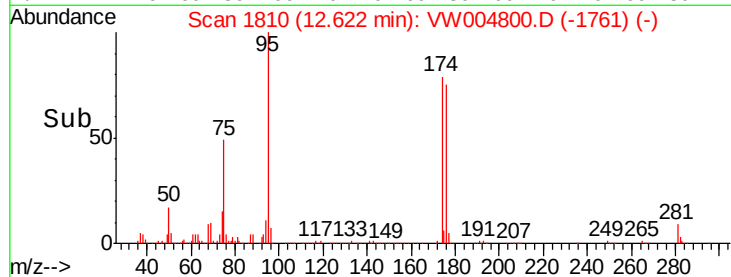
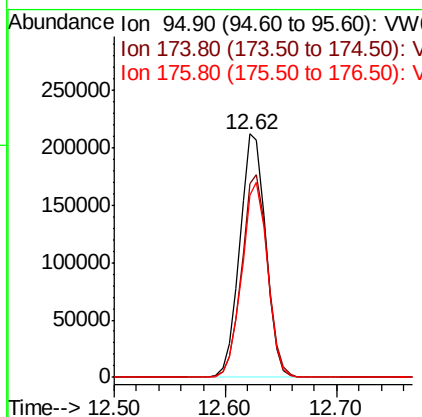
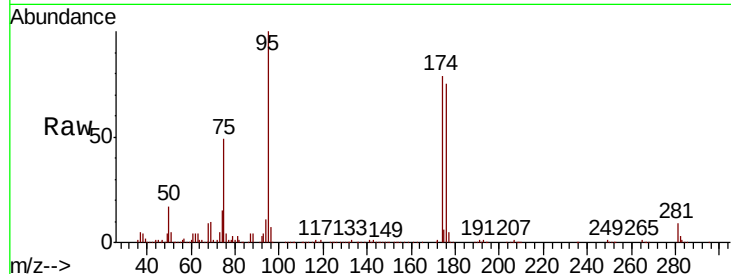




#62
4-Bromofluorobenzene
Concen: 38.20 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004800.D
Acq: 20 Aug 2018 19:10

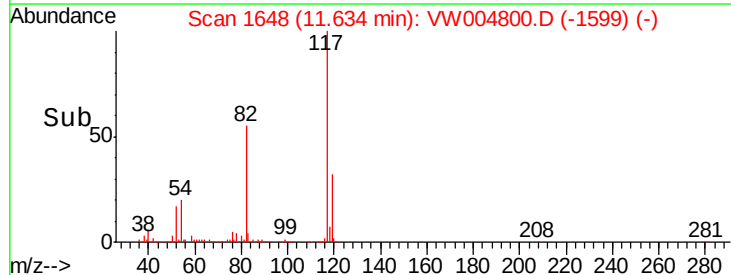
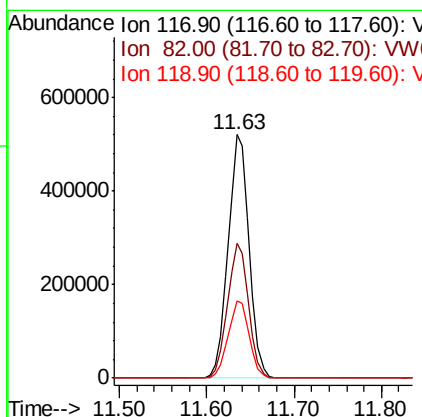
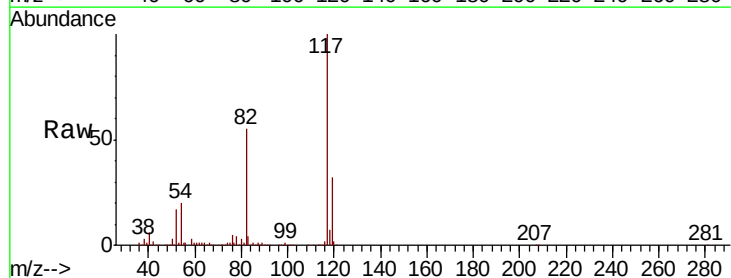
Instrument :
MSVOA_W
ClientSampled :
LSB-04(0-1)

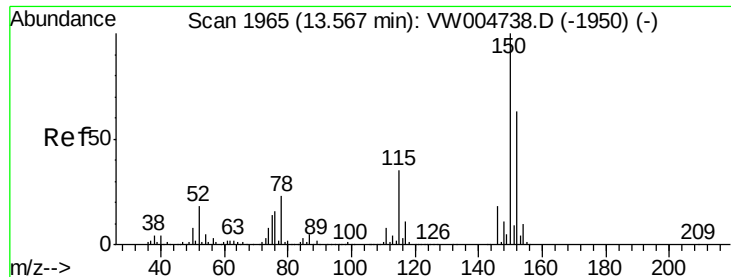
Tot Ion: 95 Resp: 342448
Ion Ratio Lower Upper
95 100
174 83.0 0.0 165.8
176 79.4 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004800.D
Acq: 20 Aug 2018 19:10

Tgt Ion: 117 Resp: 865060
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 32.0 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: VW004800.D

Acq: 20 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

LSB-04(0-1)

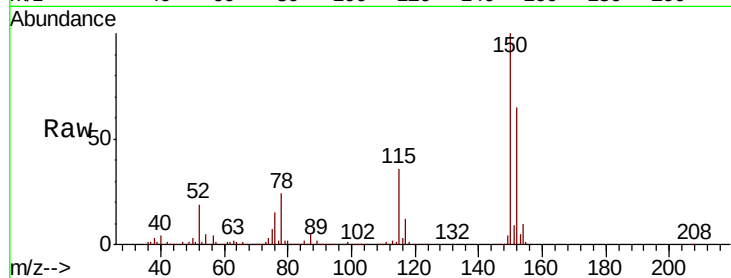
Tot Ion:152 Resp: 363188

Ion Ratio Lower Upper

152 100

115 57.6 28.5 85.5

150 156.6 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

