

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004797.D
 Acq On : 20 Aug 2018 17:53
 Operator : SY/AP
 Sample : J4499-01
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-01(0-1)

Quant Time: Aug 21 01:27:04 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	630720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1026847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	897717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	373600	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	341930	56.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.14%	
35) Dibromofluoromethane	7.89	113	333544	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	10.33	98	1158241	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.42%	
62) 4-Bromofluorobenzene	12.63	95	350774	38.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.12%	

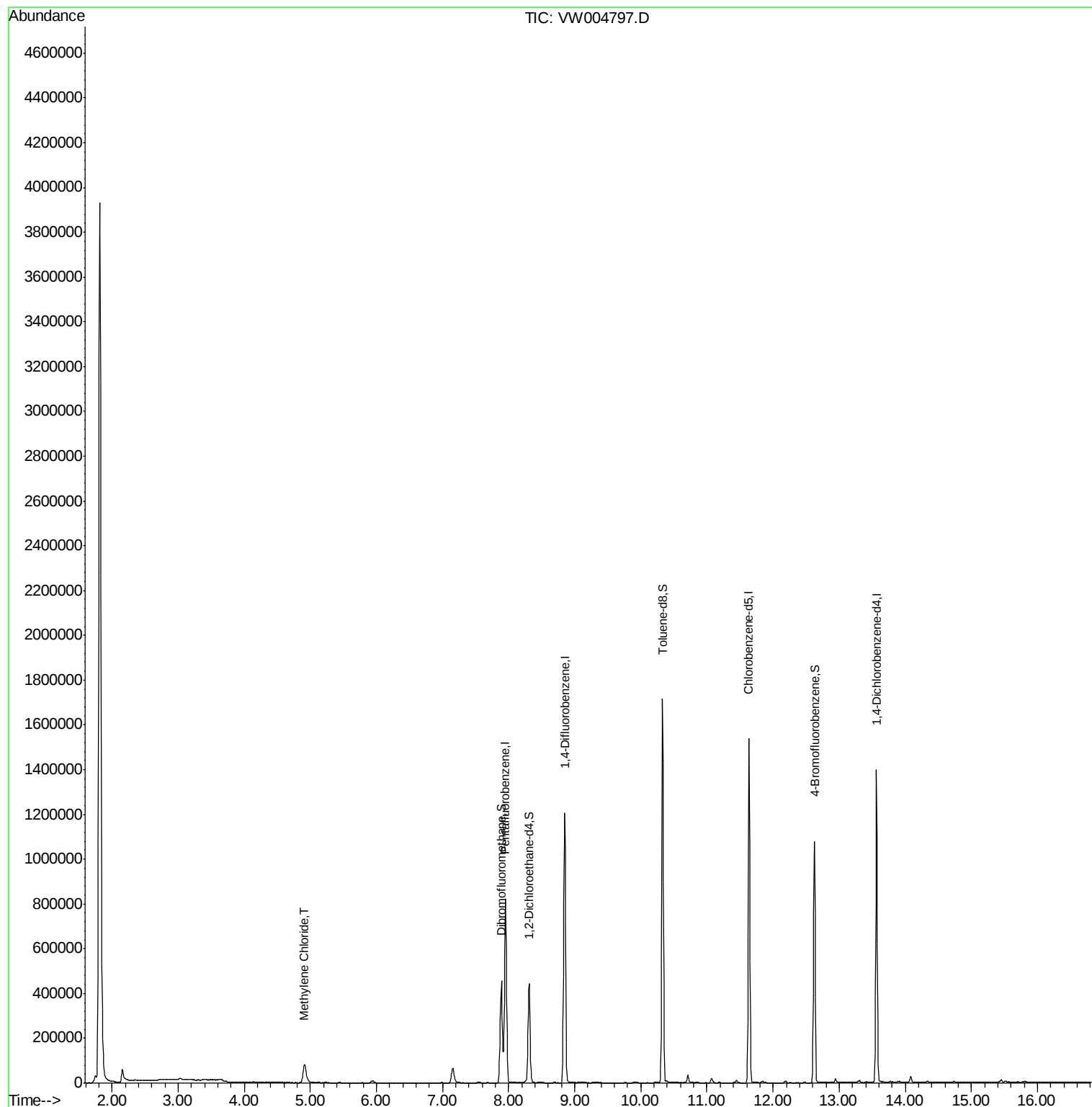
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	72603	6.46	ug/l	98

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

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Quant Title : SW846 8260
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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: VW004797.D

Acq: 20 Aug 2018 17:53

Instrument :

MSVOA_W

ClientSampleId :

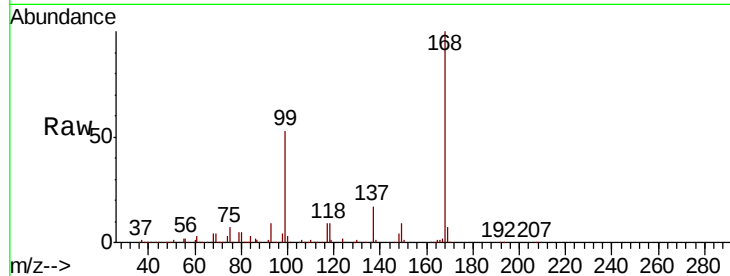
LSB-01(0-1)

Tot Ion:168 Resp: 630720

Ion Ratio Lower Upper

168 100

99 53.4 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

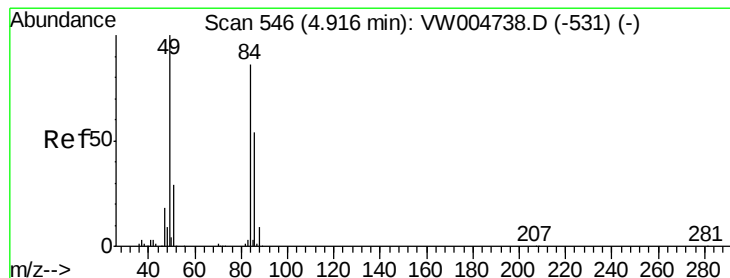
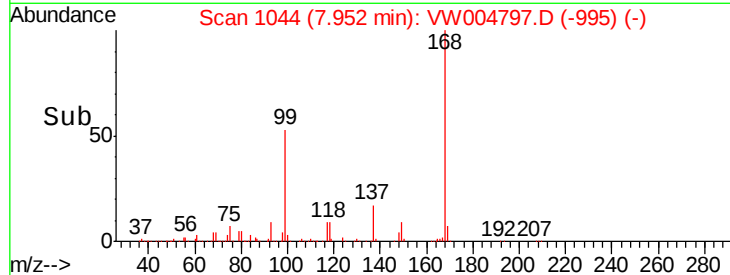
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.46 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004797.D

Acq: 20 Aug 2018 17:53

Tgt Ion: 84 Resp: 72603

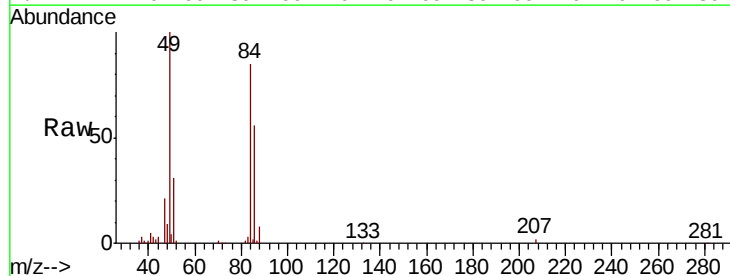
Ion Ratio Lower Upper

84 100

49 118.0 93.2 139.8

51 36.5 27.4 41.0

86 65.9 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

4.91

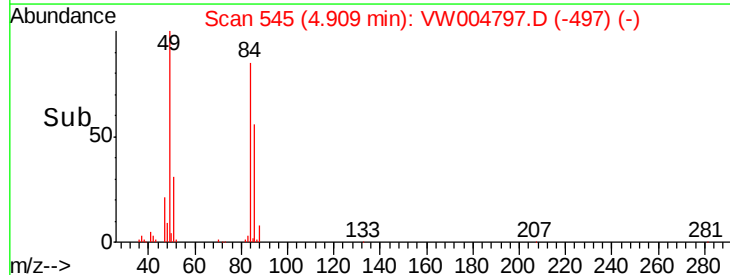
30000

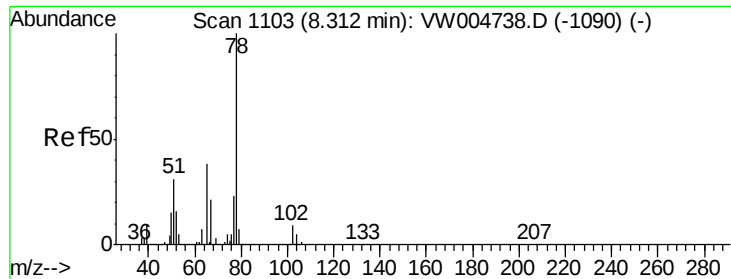
20000

10000

0

Time--> 4.80 4.90 5.00 5.10

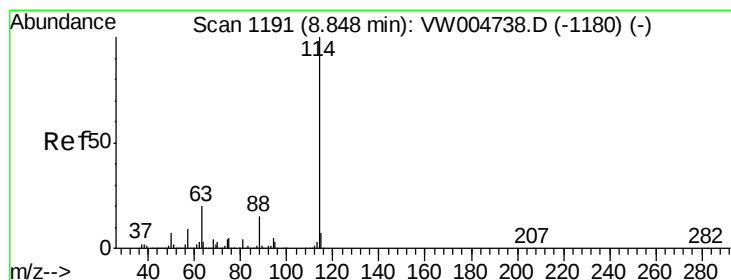
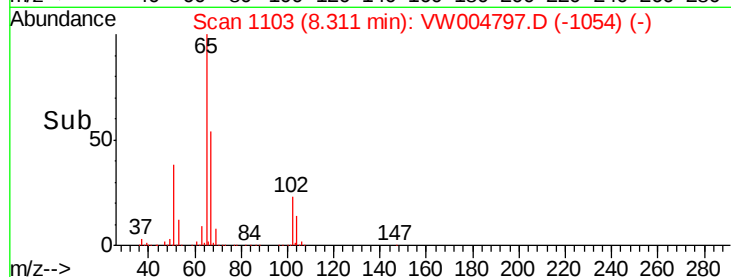
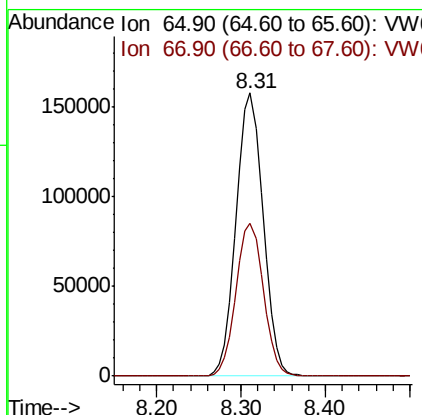
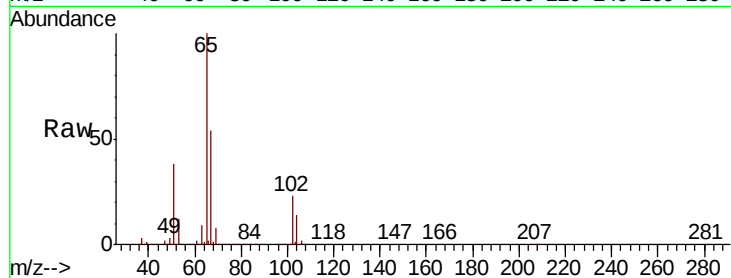




#33
 1,2-Dichloroethane-d4
 Concen: 56.07 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004797.D
 Acq: 20 Aug 2018 17:53

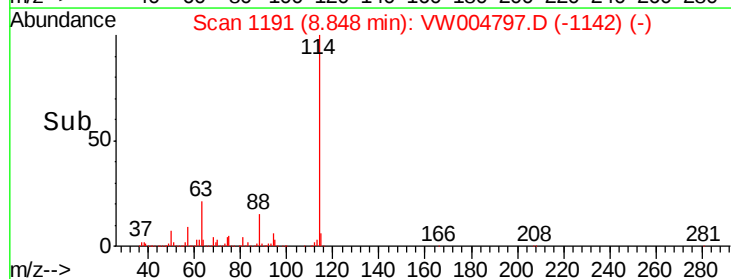
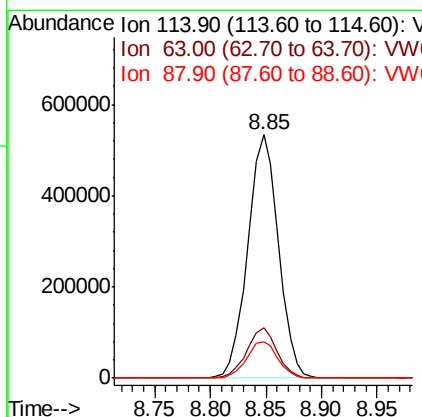
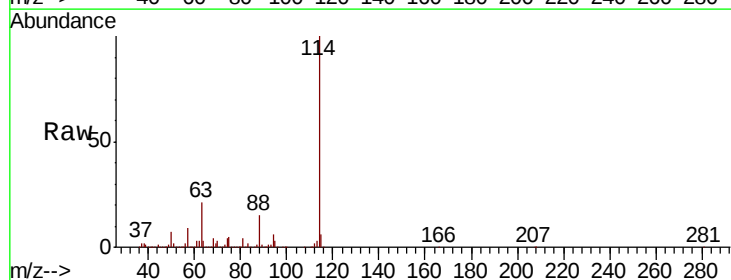
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-01(0-1)

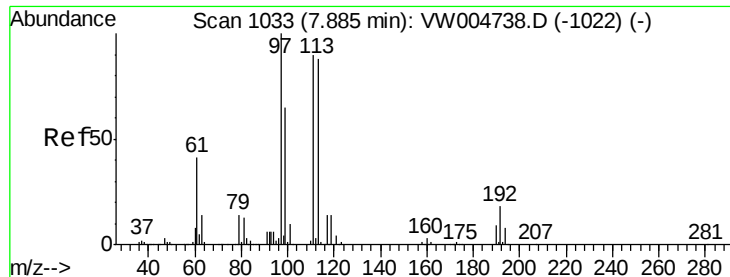
Tot Ion: 65 Resp: 341930
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004797.D
 Acq: 20 Aug 2018 17:53

Tgt Ion: 114 Resp: 1026847
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.0
 88 15.1 0.0 30.0

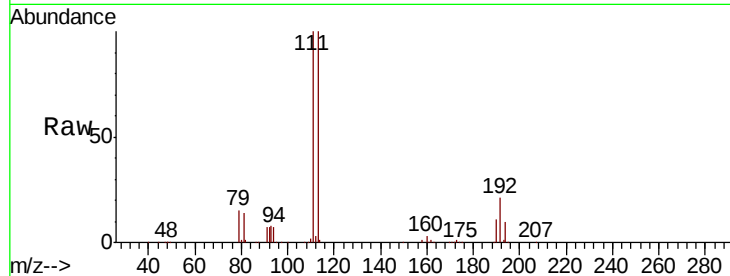




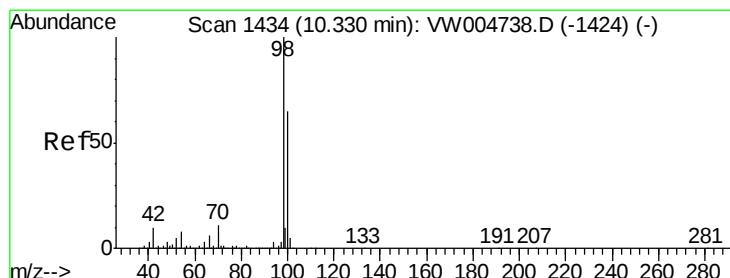
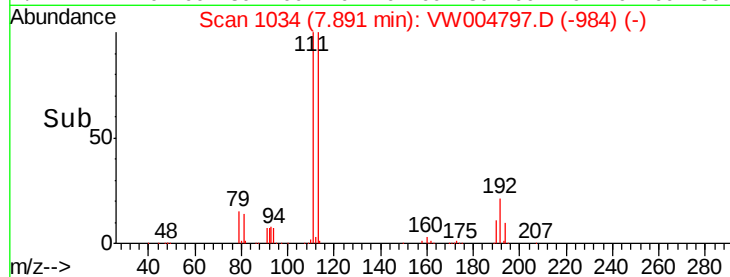
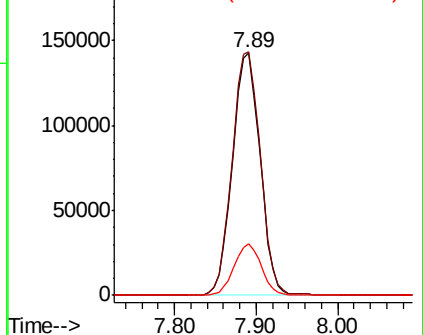
#35
 Dibromofluoromethane
 Concen: 50.82 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004797.D
 Acq: 20 Aug 2018 17:53

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-01(0-1)

Tot Ion:113 Resp: 333544
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 21.0 16.7 25.1

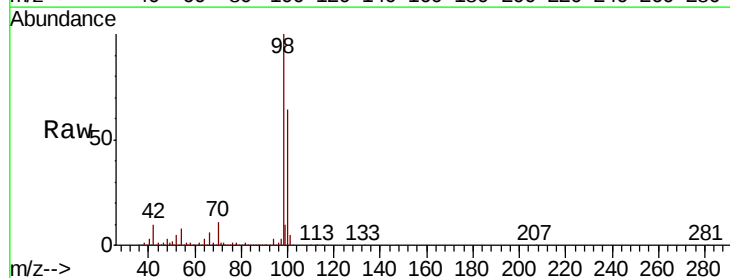


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

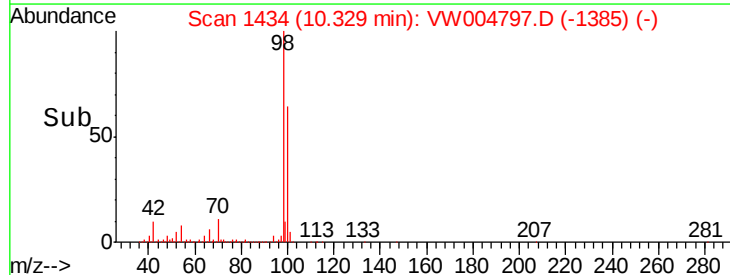
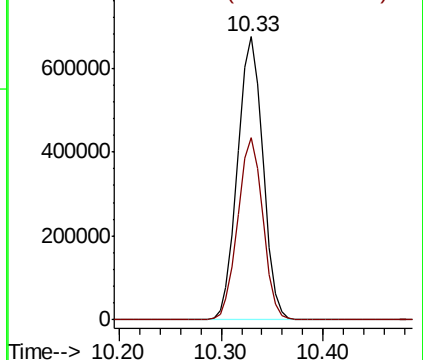


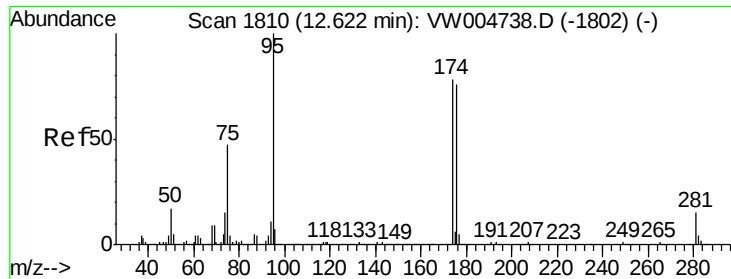
#50
 Toluene-d8
 Concen: 45.21 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004797.D
 Acq: 20 Aug 2018 17:53

Tgt Ion: 98 Resp: 1158241
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

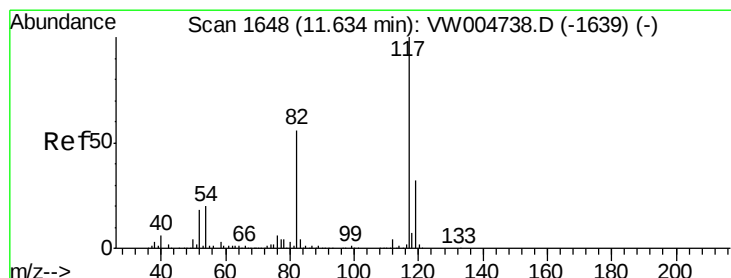
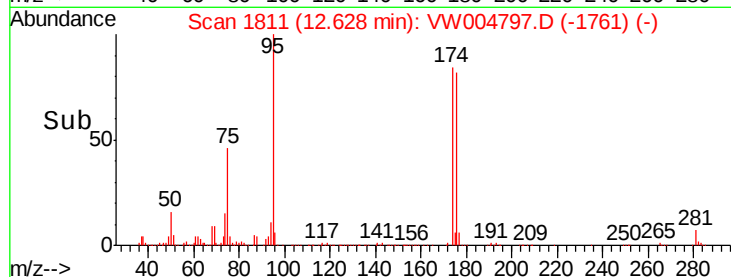
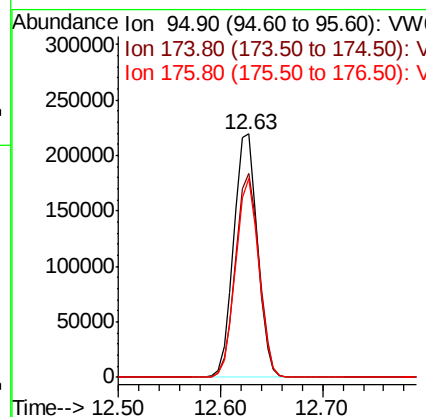
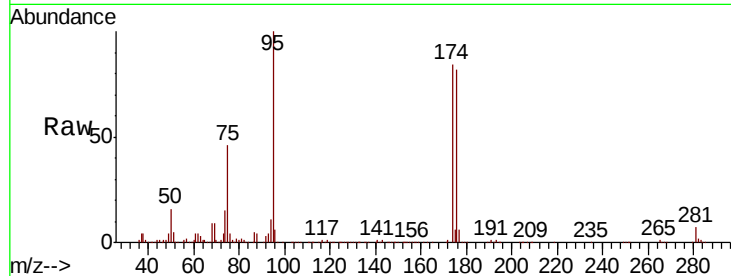




#62
4-Bromofluorobenzene
Concen: 38.06 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004797.D
Acq: 20 Aug 2018 17:53

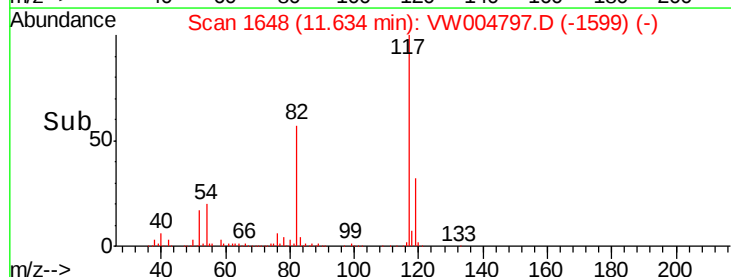
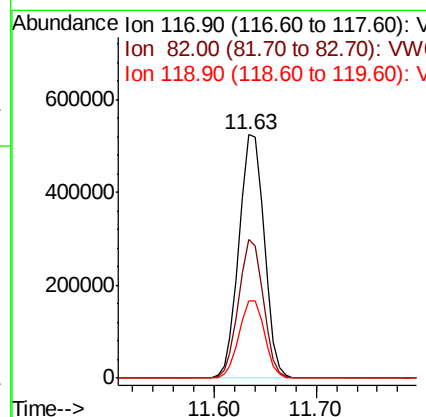
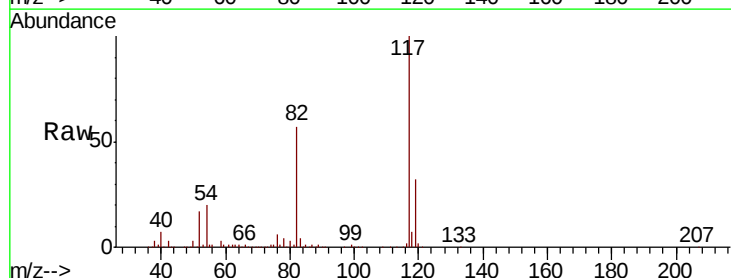
Instrument :
MSVOA_W
ClientSampleId :
LSB-01(0-1)

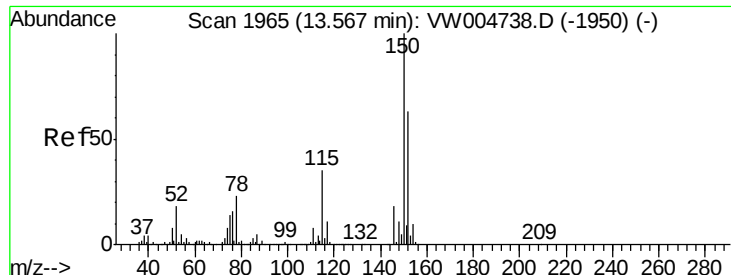
Tot Ion: 95 Resp: 350774
Ion Ratio Lower Upper
95 100
174 83.6 0.0 165.8
176 80.0 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004797.D
Acq: 20 Aug 2018 17:53

Tgt Ion: 117 Resp: 897717
Ion Ratio Lower Upper
117 100
82 57.0 44.6 67.0
119 31.7 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: VW004797.D

Acq: 20 Aug 2018 17:53

Instrument :

MSVOA_W

ClientSampleId :

LSB-01(0-1)

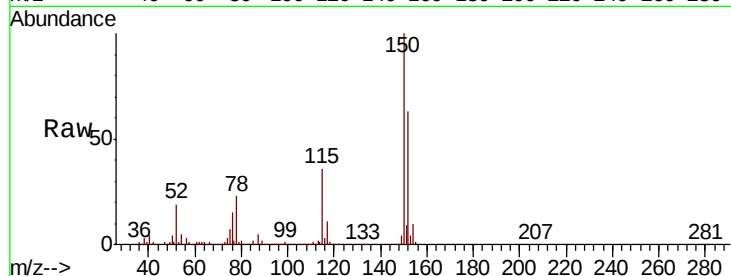
Tot Ion:152 Resp: 373600

Ion Ratio Lower Upper

152 100

115 57.7 28.5 85.5

150 158.7 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

