

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004848.D
 Acq On : 21 Aug 2018 18:11
 Operator : SY/AP
 Sample : J4499-05RE
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 22 06:51:08 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	512877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	822281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	686079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	245902	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	301288	60.76	ug/l	0.00
Spiked Amount			Recovery	=	121.52%	
35) Dibromofluoromethane	7.89	113	275787	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
50) Toluene-d8	10.33	98	895792	43.66	ug/l	0.00
Spiked Amount			Recovery	=	87.32%	
62) 4-Bromofluorobenzene	12.62	95	248619	33.69	ug/l	0.00
Spiked Amount			Recovery	=	67.38%	

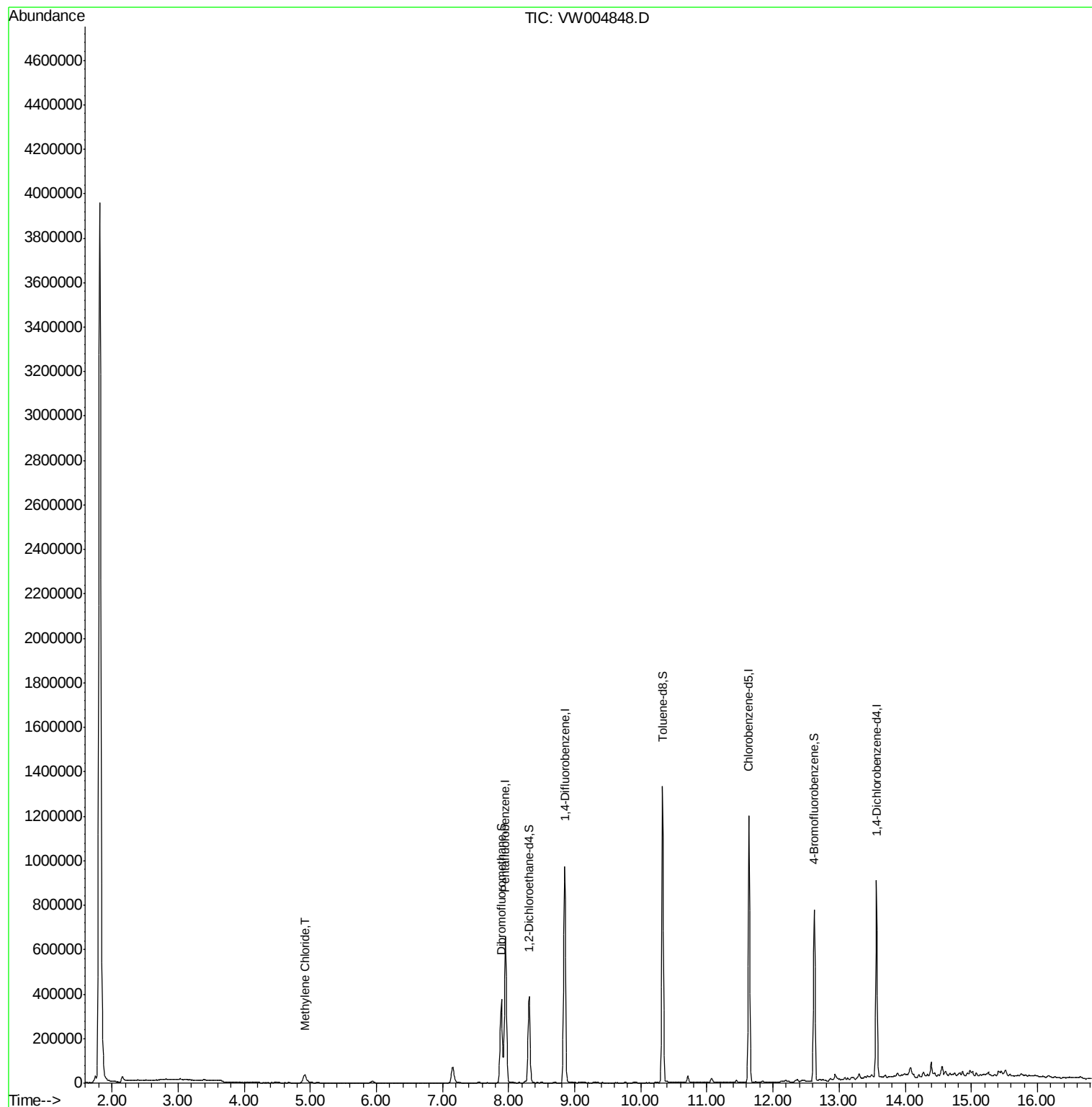
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	32715	1.47	ug/l	95

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

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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: VW004848.D

Acq: 21 Aug 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

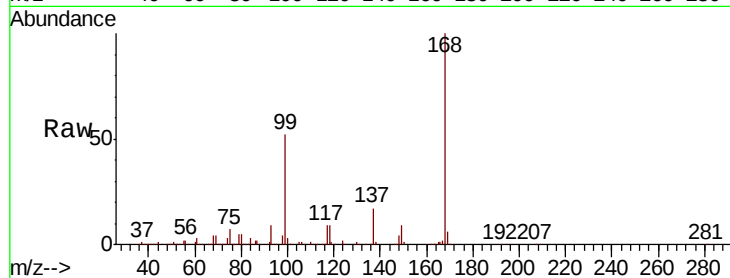
LSB-05(0-1)RE

Tot Ion:168 Resp: 512877

Ion Ratio Lower Upper

168 100

99 52.3 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

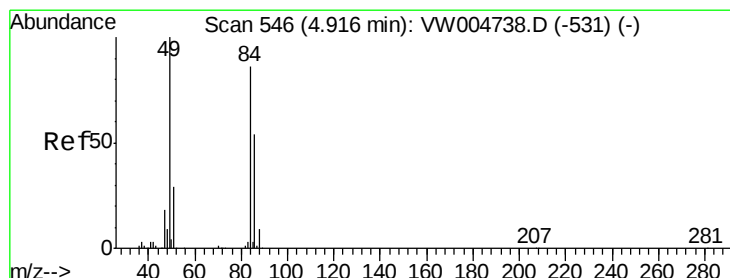
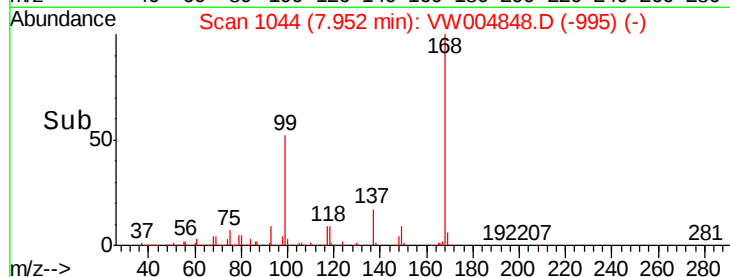
50000

0

7.90

8.00

Time-->



#20

Methylene Chloride

Concen: 1.47 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.00 min

Lab File: VW004848.D

Acq: 21 Aug 2018 18:11

Tgt Ion: 84 Resp: 32715

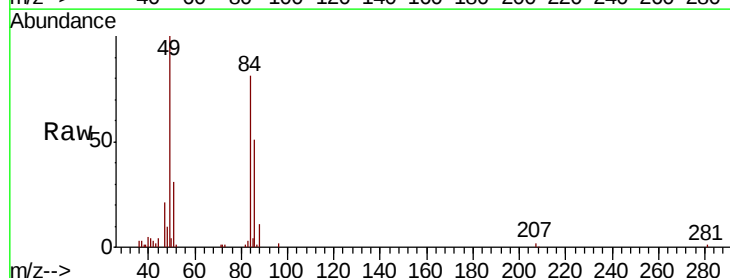
Ion Ratio Lower Upper

84 100

49 123.9 93.2 139.8

51 38.4 27.4 41.0

86 62.7 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

15000

10000

5000

0

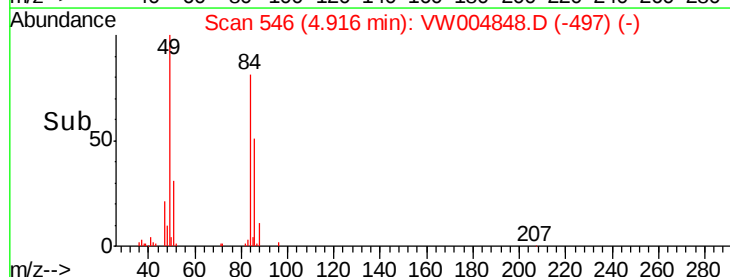
4.80

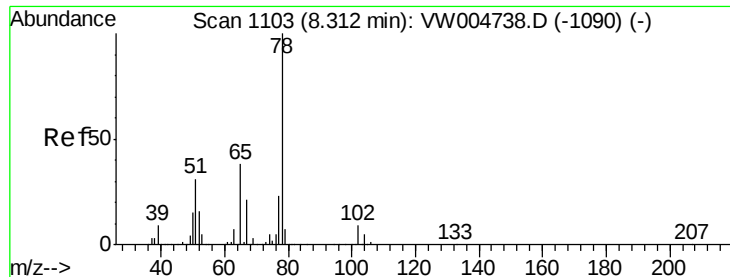
4.90

5.00

5.10

Time-->

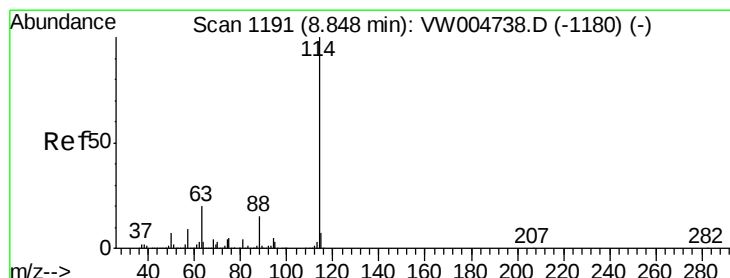
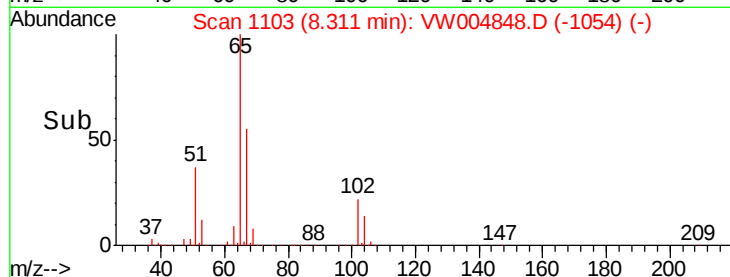
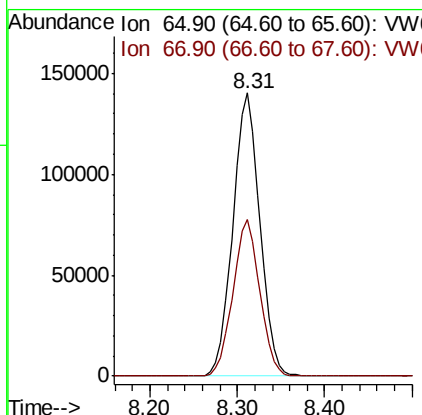
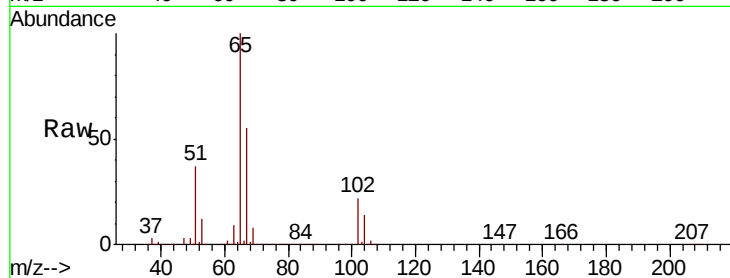




#33
 1,2-Dichloroethane-d4
 Concen: 60.76 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004848.D
 Acq: 21 Aug 2018 18:11

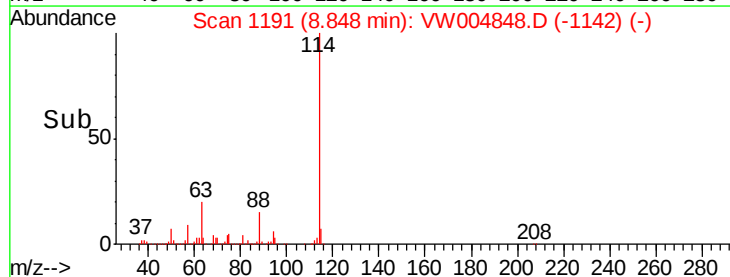
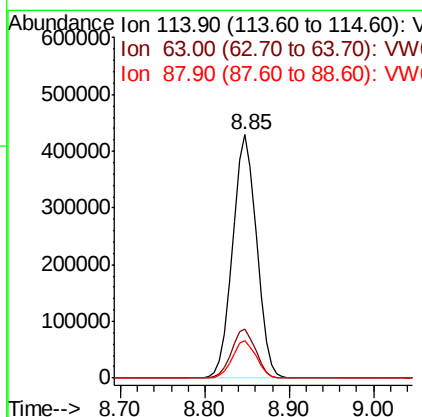
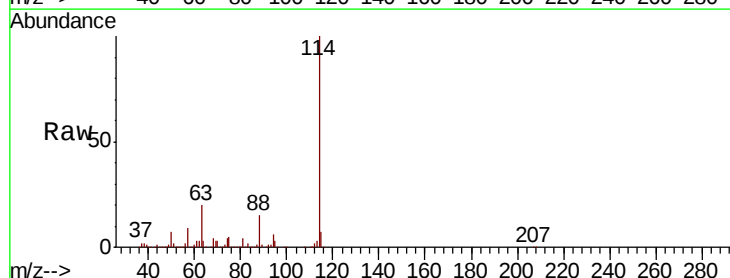
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-05(0-1)RE

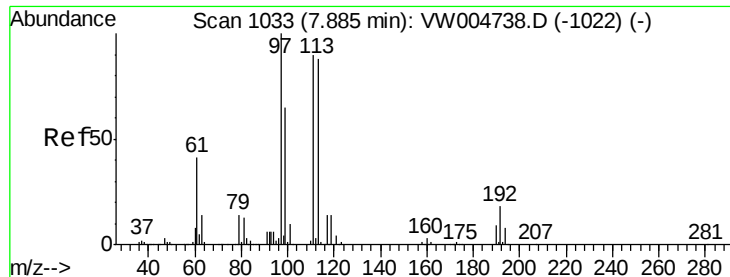
Tot Ion: 65 Resp: 301288
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004848.D
 Acq: 21 Aug 2018 18:11

Tgt Ion: 114 Resp: 822281
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.48 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004848.D

Acq: 21 Aug 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

LSB-05(0-1)RE

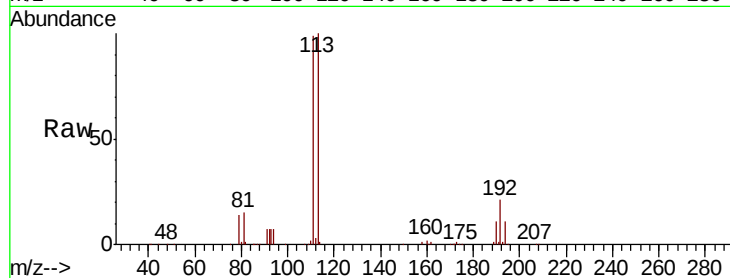
Tot Ion:113 Resp: 275787

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

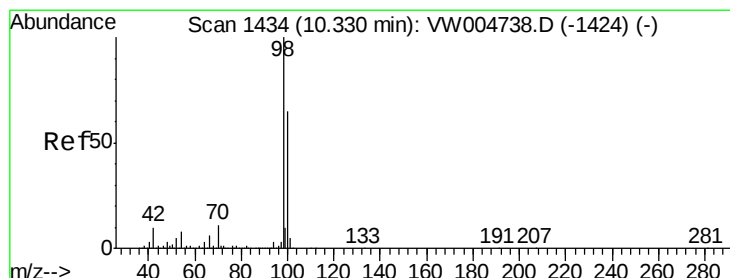
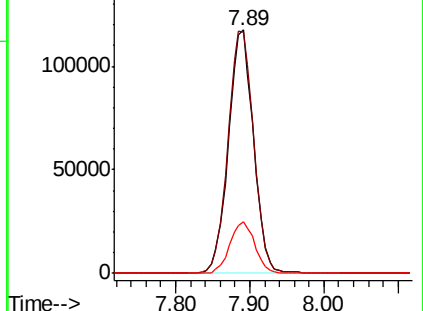
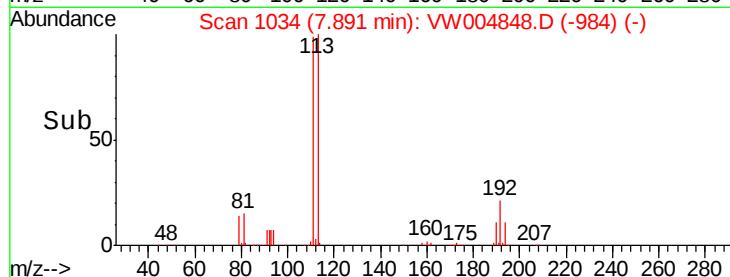
192 21.0 16.7 25.1



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: 43.66 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004848.D

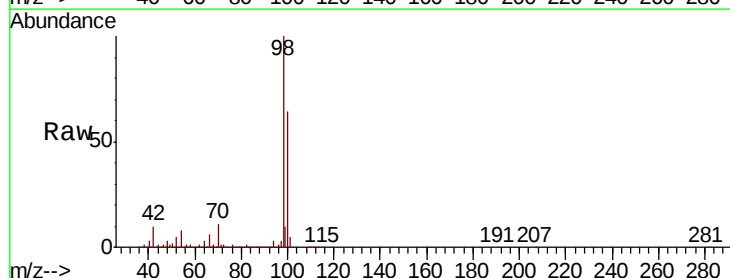
Acq: 21 Aug 2018 18:11

Tgt Ion: 98 Resp: 895792

Ion Ratio Lower Upper

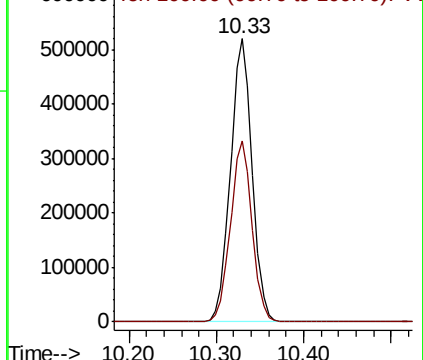
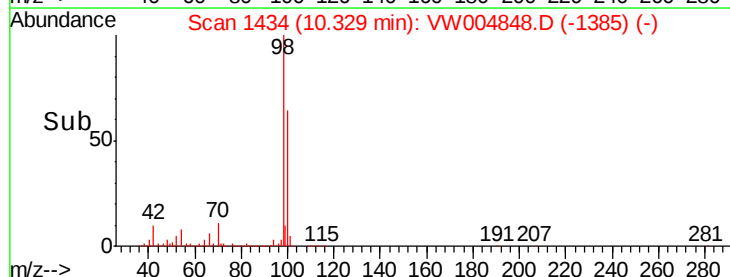
98 100

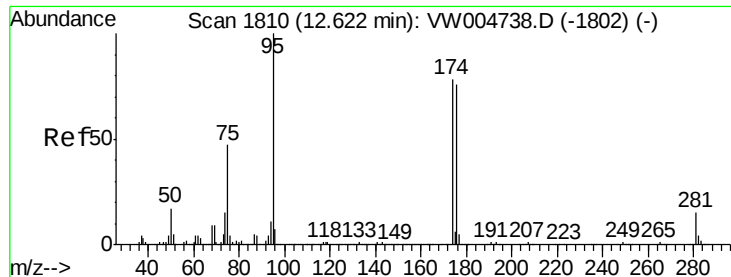
100 63.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

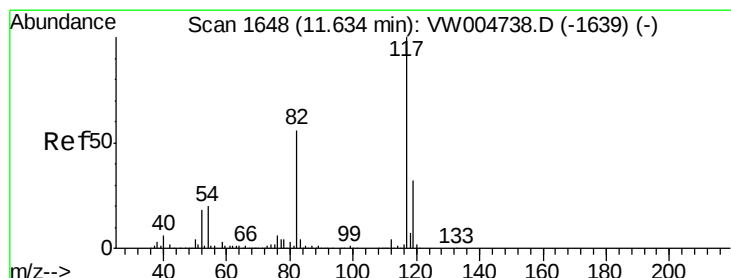
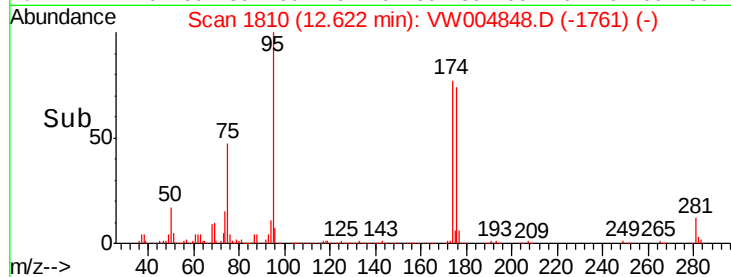
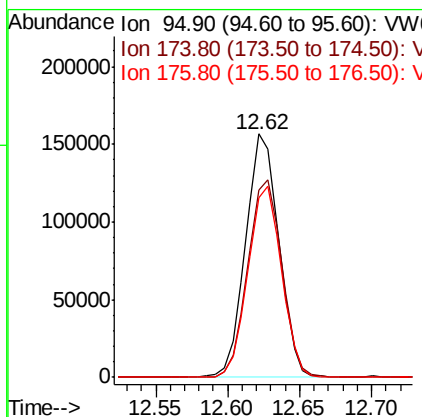
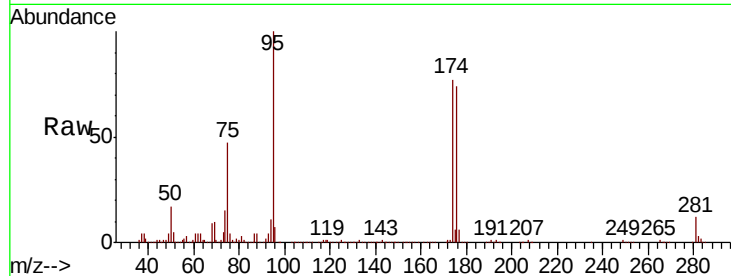




#62
4-Bromofluorobenzene
Concen: 33.69 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004848.D
Acq: 21 Aug 2018 18:11

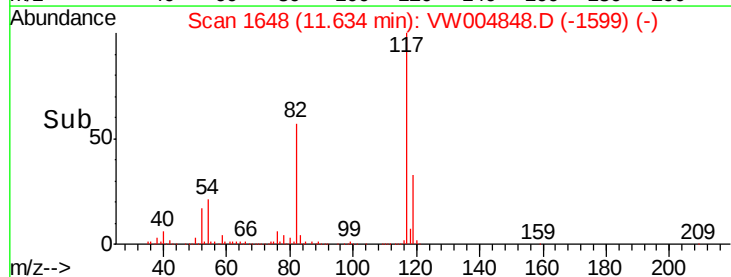
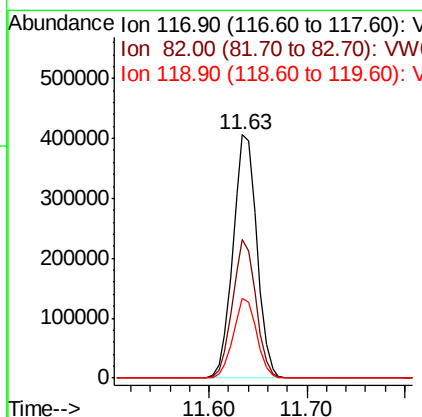
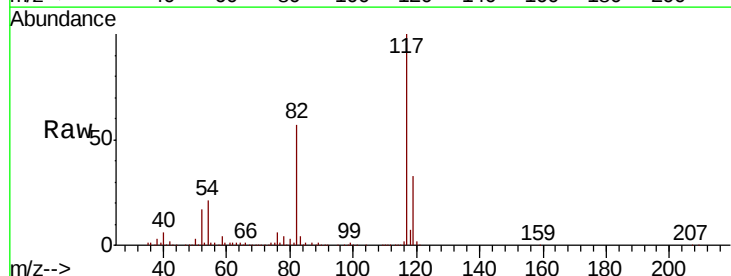
Instrument :
MSVOA_W
ClientSampleId :
LSB-05(0-1)RE

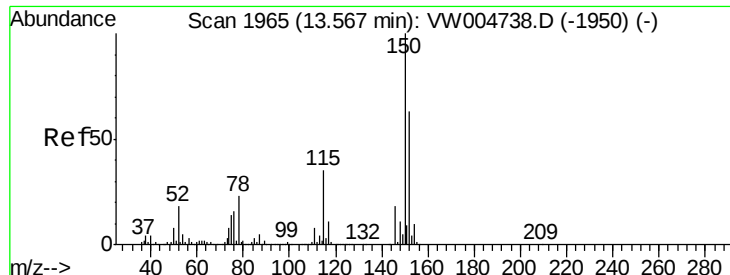
Tot Ion	95	Resp	248619
Ion Ratio	Lower	Upper	
95	100		
174	83.6	0.0	165.8
176	79.8	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004848.D
Acq: 21 Aug 2018 18:11

Tgt Ion	117	Resp	686079
Ion Ratio	Lower	Upper	
117	100		
82	56.9	44.6	67.0
119	32.7	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: VW004848.D

Acq: 21 Aug 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

LSB-05(0-1)RE

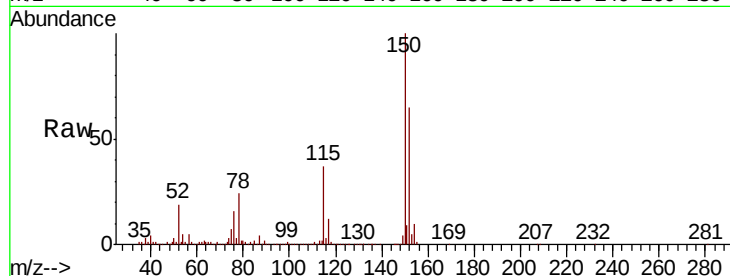
Tot Ion:152 Resp: 245902

Ion Ratio Lower Upper

152 100

115 56.7 28.5 85.5

150 155.4 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

