

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004799.D
 Acq On : 20 Aug 2018 18:45
 Operator : SY/AP
 Sample : J4499-03
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-03(0-1)

Quant Time: Aug 21 02:17:36 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	588358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	961534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	844733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	326953	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	334009	58.72	ug/l	0.00
Spiked Amount			Recovery	=	117.44%	
35) Dibromofluoromethane	7.88	113	323485	52.64	ug/l	0.00
Spiked Amount			Recovery	=	105.28%	
50) Toluene-d8	10.33	98	1085612	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	
62) 4-Bromofluorobenzene	12.63	95	327918	38.00	ug/l	0.00
Spiked Amount			Recovery	=	76.00%	

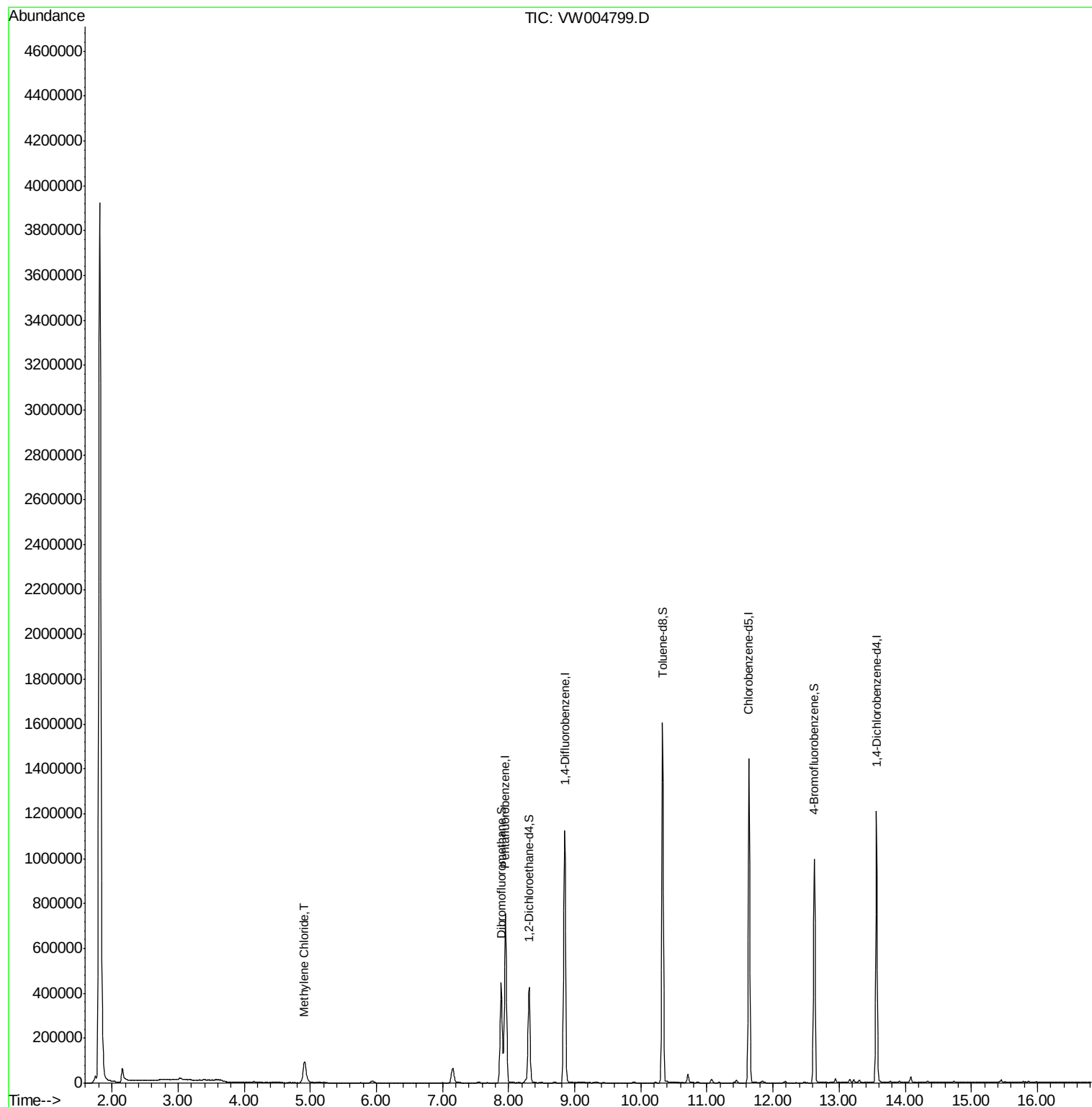
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	83425	9.05	ug/l	97

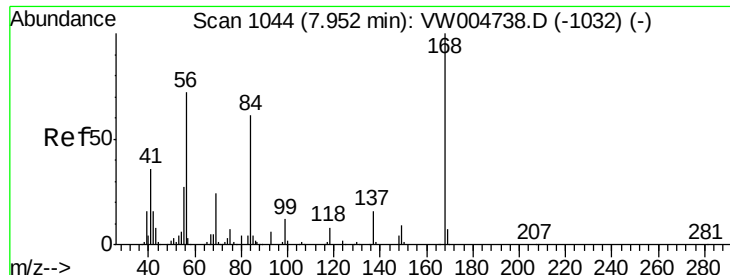
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VW004799.D

Acq: 20 Aug 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

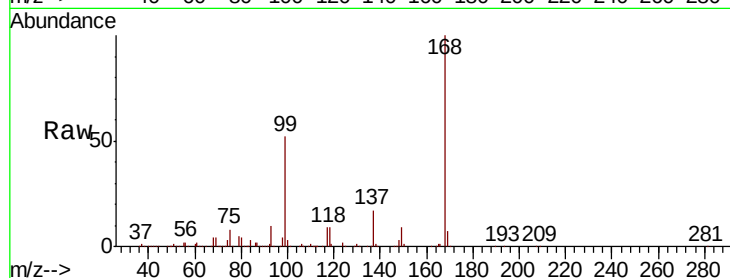
LSB-03(0-1)

Tot Ion:168 Resp: 588358

Ion Ratio Lower Upper

168 100

99 52.2 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

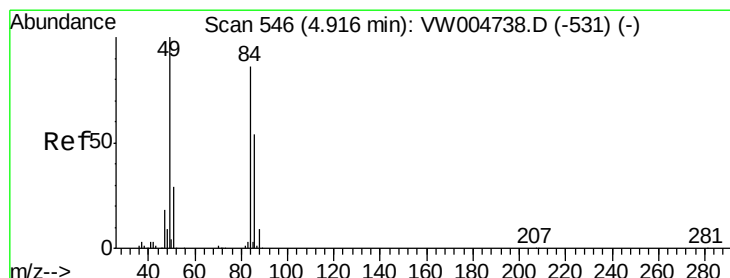
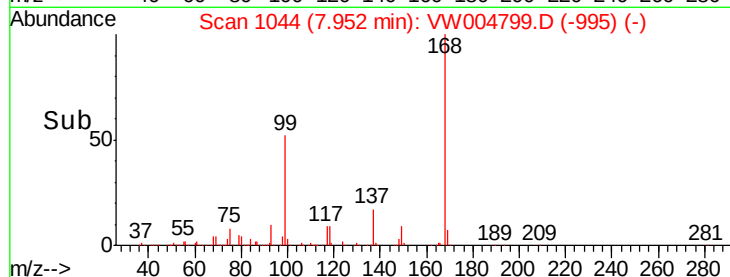
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 9.05 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004799.D

Acq: 20 Aug 2018 18:45

Tgt Ion: 84 Resp: 83425

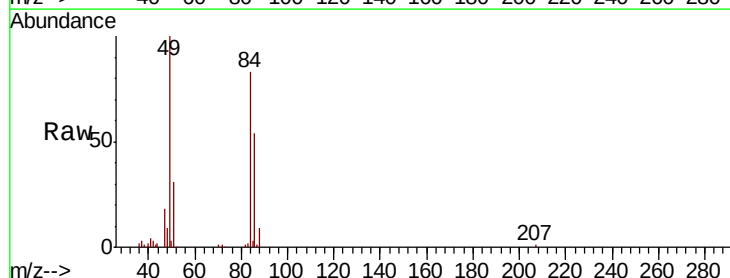
Ion Ratio Lower Upper

84 100

49 120.1 93.2 139.8

51 36.8 27.4 41.0

86 65.0 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

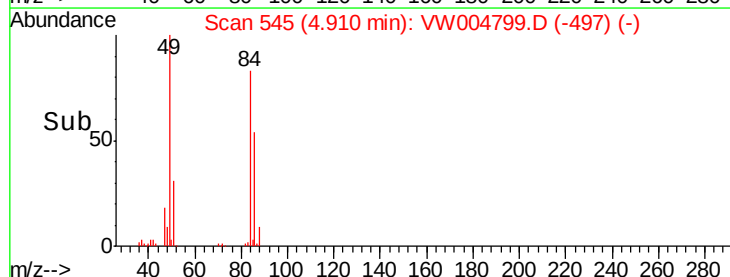
30000

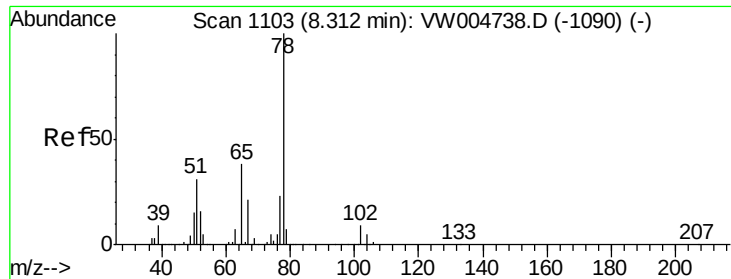
20000

10000

0

Time-->

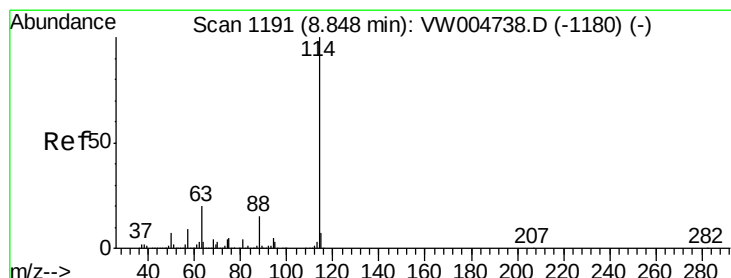
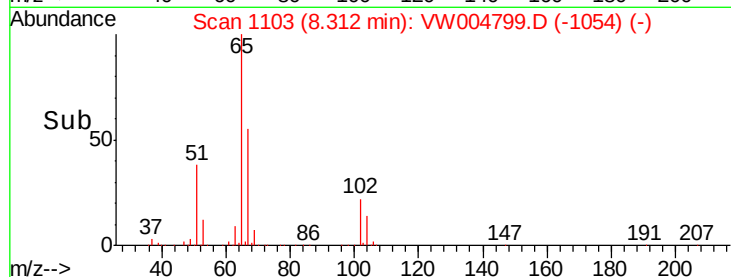
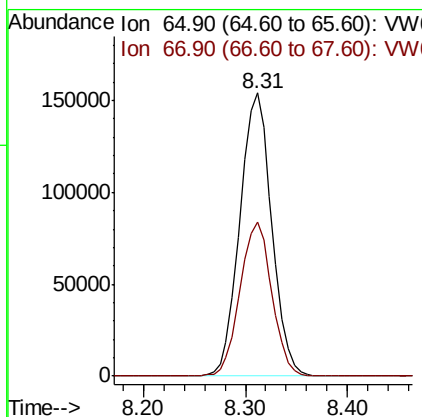
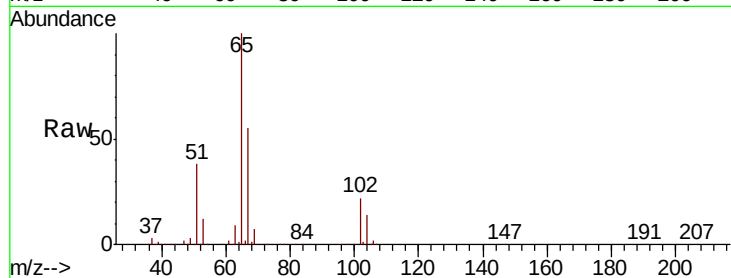




#33
 1,2-Dichloroethane-d4
 Concen: 58.72 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004799.D
 Acq: 20 Aug 2018 18:45

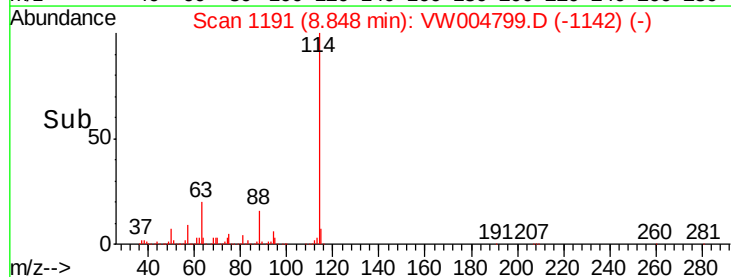
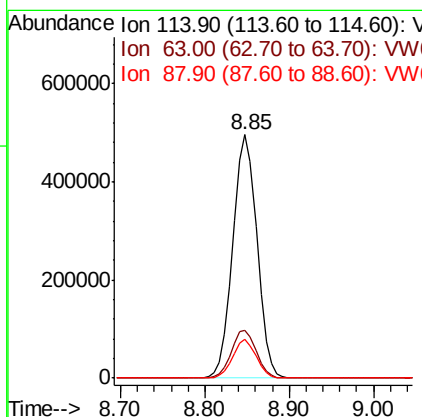
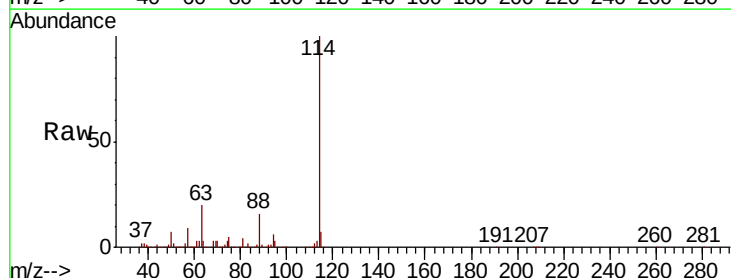
Instrument :
 MSVOA_W
 ClientSampled :
 LSB-03(0-1)

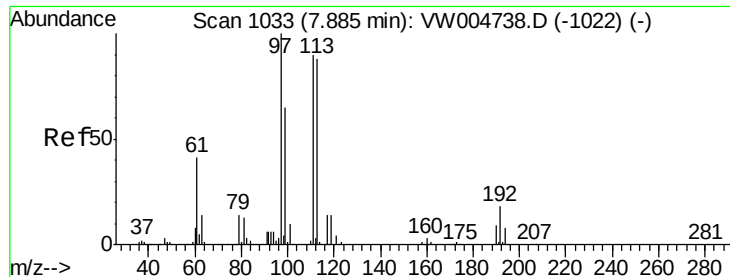
Tot Ion: 65 Resp: 334009
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004799.D
 Acq: 20 Aug 2018 18:45

Tgt Ion: 114 Resp: 961534
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 16.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.64 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004799.D

Acq: 20 Aug 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

LSB-03(0-1)

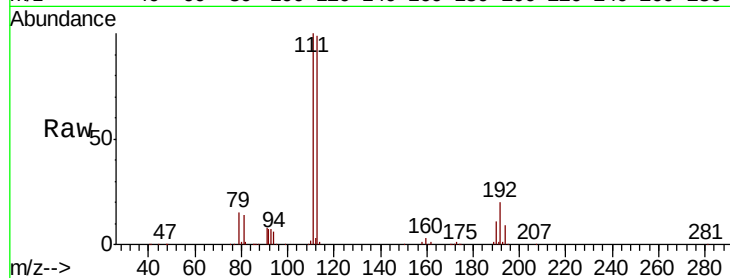
Tot Ion:113 Resp: 323485

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

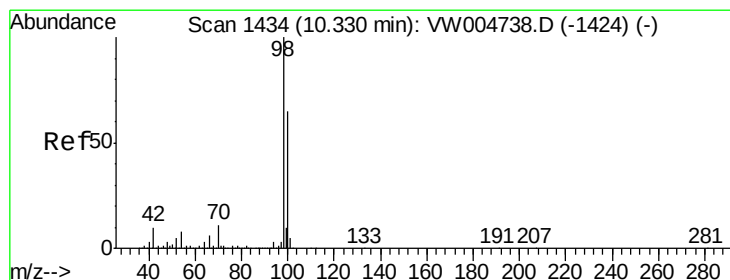
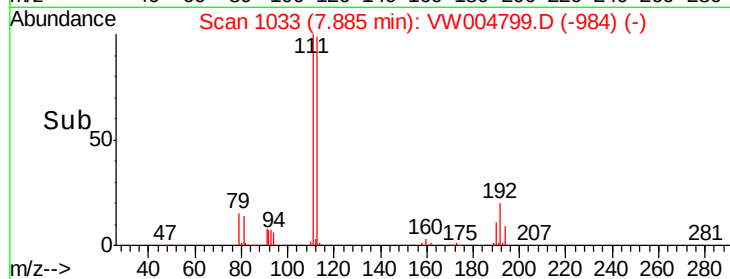
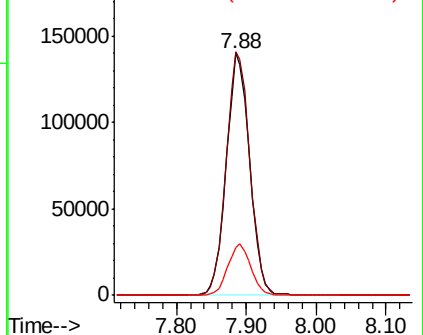
192 21.0 16.7 25.1



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: 45.25 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004799.D

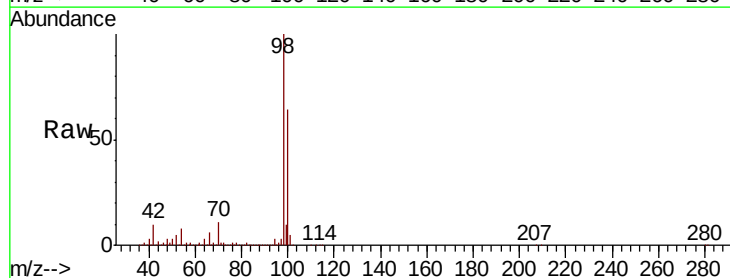
Acq: 20 Aug 2018 18:45

Tgt Ion: 98 Resp: 1085612

Ion Ratio Lower Upper

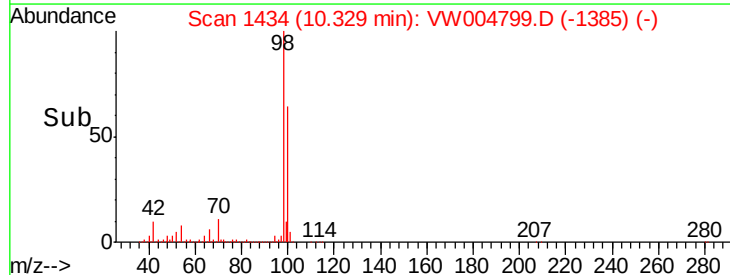
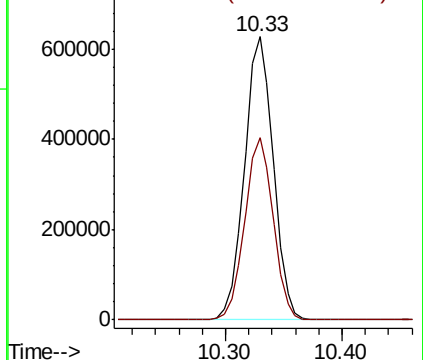
98 100

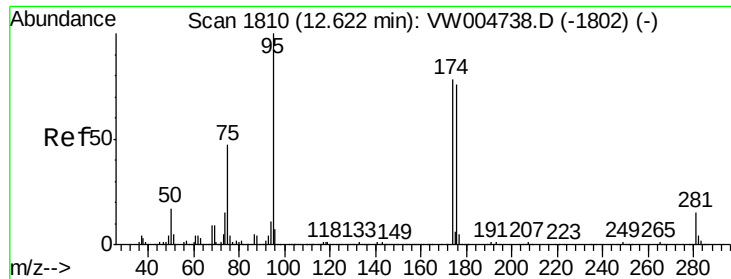
100 63.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

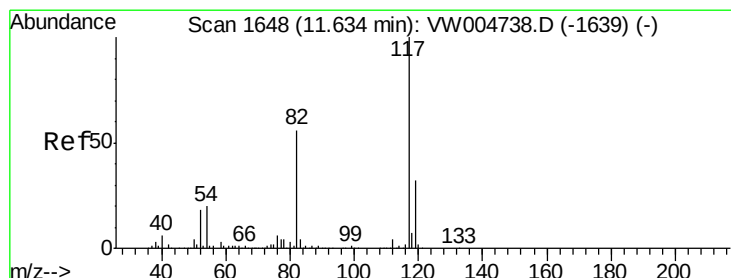
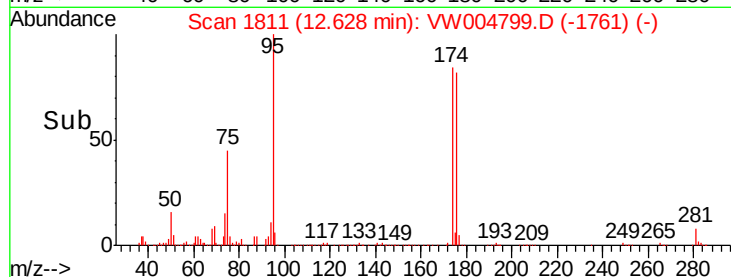
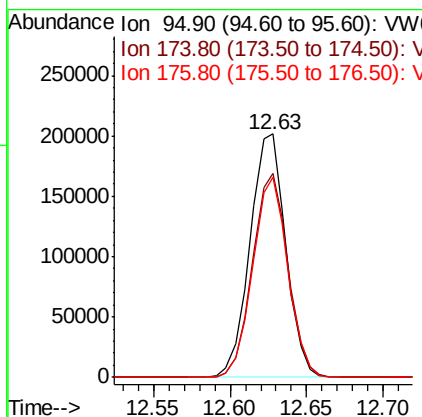
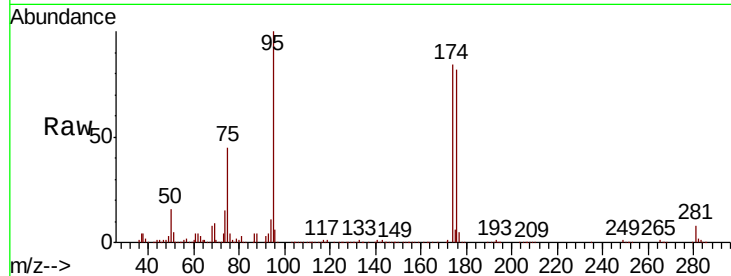




#62
4-Bromofluorobenzene
Concen: 38.00 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004799.D
Acq: 20 Aug 2018 18:45

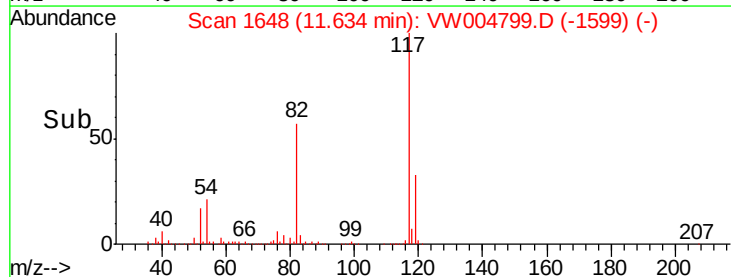
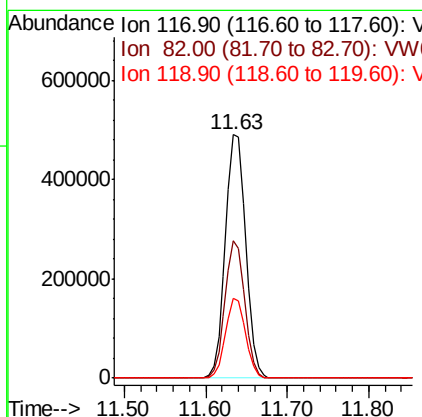
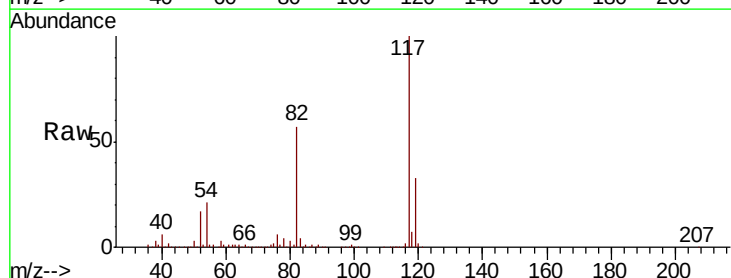
Instrument :
MSVOA_W
ClientSampleId :
LSB-03(0-1)

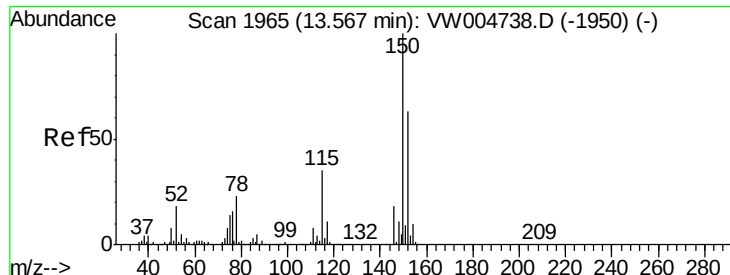
Tot Ion: 95 Resp: 327918
Ion Ratio Lower Upper
95 100
174 83.5 0.0 165.8
176 80.6 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004799.D
Acq: 20 Aug 2018 18:45

Tgt Ion: 117 Resp: 844733
Ion Ratio Lower Upper
117 100
82 56.5 44.6 67.0
119 32.8 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: VW004799.D

Acq: 20 Aug 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

LSB-03(0-1)

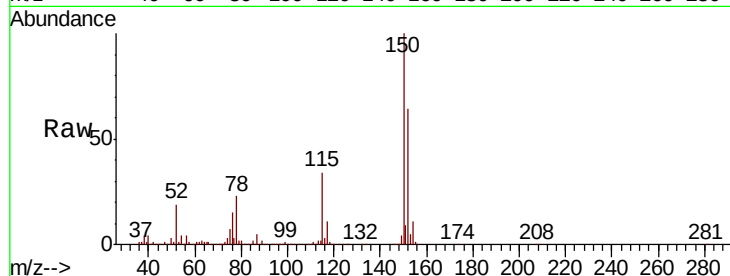
Tot Ion:152 Resp: 326953

Ion Ratio Lower Upper

152 100

115 56.5 28.5 85.5

150 157.4 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

