

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081018\
 Data File : VW004538.D
 Acq On : 08 Aug 2018 20:17
 Operator : SY/AP
 Sample : J4272-09RE
 Misc : 6.42G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-ERE

Quant Time: Aug 09 10:37:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	292358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	405516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	58022	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	416146	128.59	ug/l	0.00
Spiked Amount			Recovery	=	257.18%	
35) Dibromofluoromethane	7.88	113	373534	138.15	ug/l	0.00
Spiked Amount			Recovery	=	276.30%	
50) Toluene-d8	10.33	98	1141920	110.78	ug/l	0.00
Spiked Amount			Recovery	=	221.56%	
62) 4-Bromofluorobenzene	12.62	95	285186	76.80	ug/l	0.00
Spiked Amount			Recovery	=	153.60%	

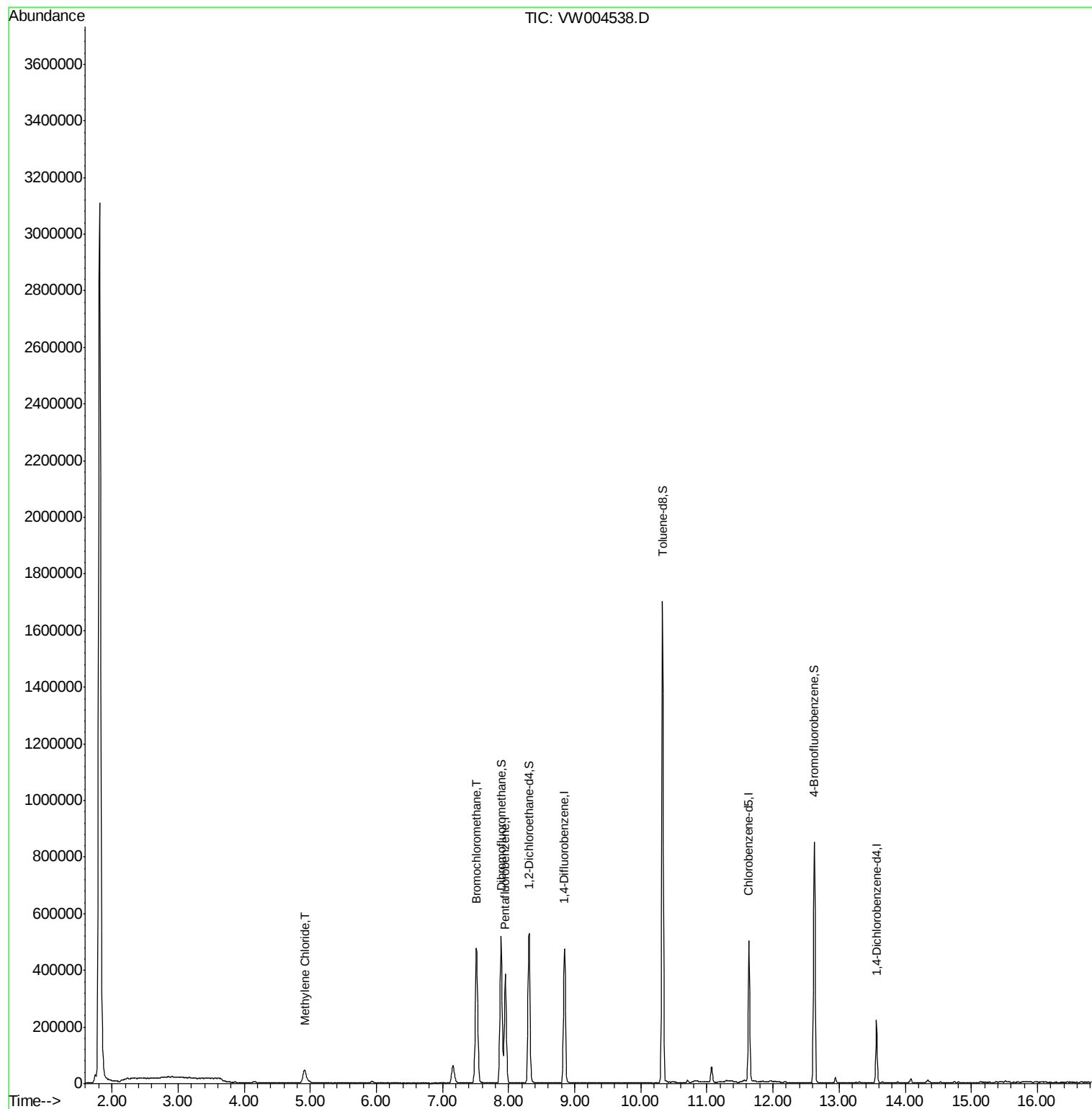
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	45205	3.15	ug/l	98
28) Bromochloromethane	7.51	49	297797	108.02	ug/l	100

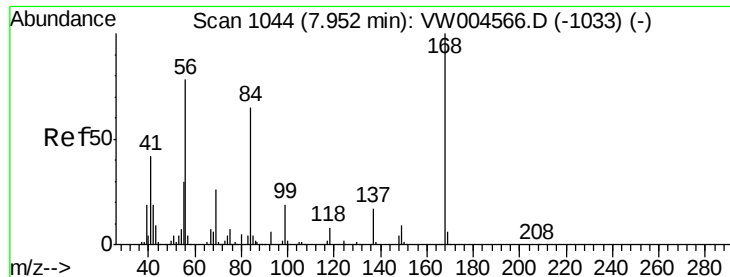
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 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: VW004538.D

Acq: 08 Aug 2018 20:17

Instrument :

MSVOA_W

ClientSampleId :

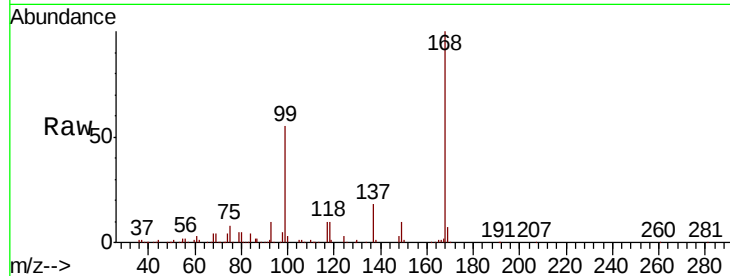
JC-03-080918-ERE

Tot Ion:168 Resp: 292358

Ion Ratio Lower Upper

168 100

99 55.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

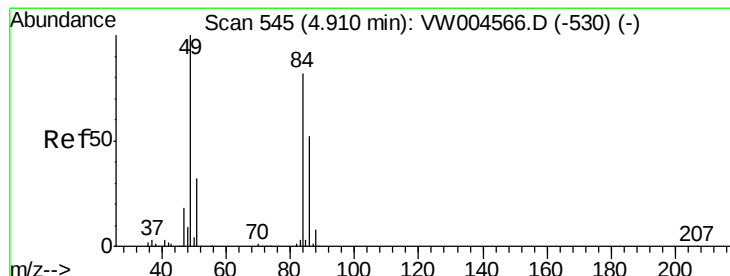
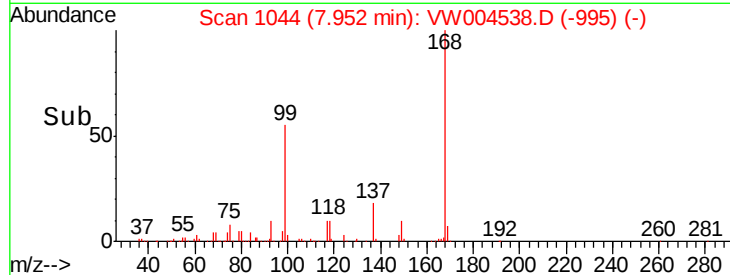
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#20

Methylene Chloride

Concen: 3.15 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004538.D

Acq: 08 Aug 2018 20:17

Tgt Ion: 84 Resp: 45205

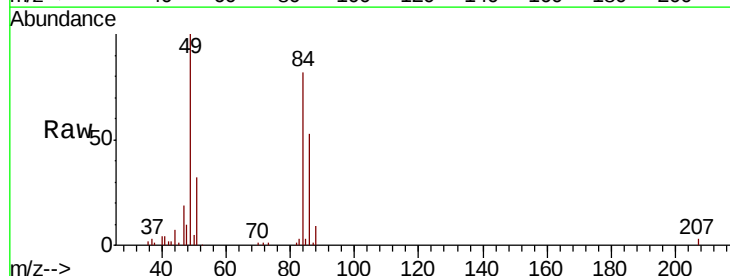
Ion Ratio Lower Upper

84 100

49 122.5 99.6 149.4

51 39.8 31.0 46.4

86 65.3 51.5 77.3



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

20000

15000

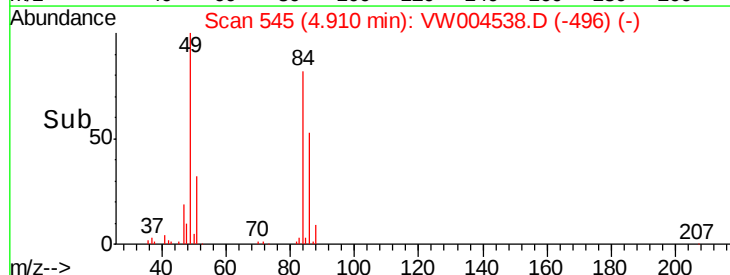
10000

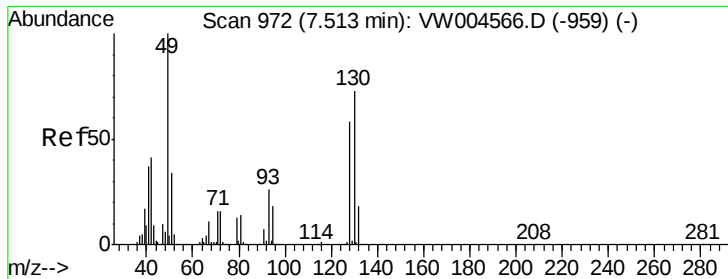
5000

0

4.80 4.90 5.00 5.10

Time-->





#28

Bromochloromethane

Concen: 108.02 ug/l

RT: 7.51 min Scan# 972

Delta R.T. 0.00 min

Lab File: VW004538.D

Acq: 08 Aug 2018 20:17

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-ERE

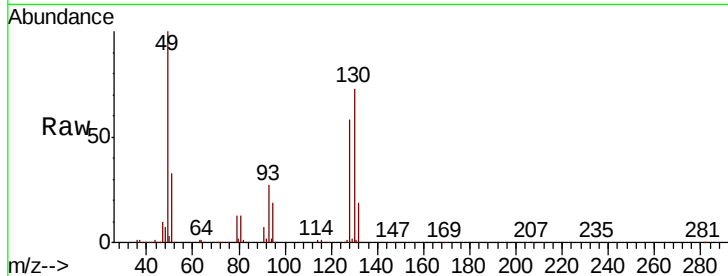
Tot Ion: 49 Resp: 297797

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.0

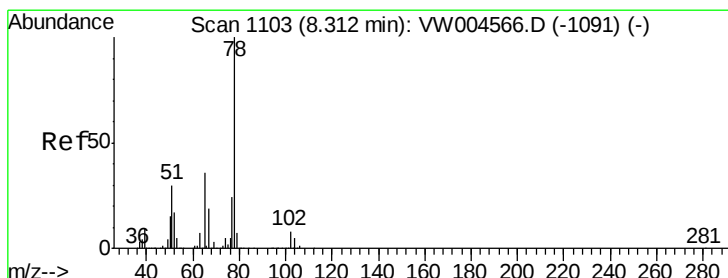
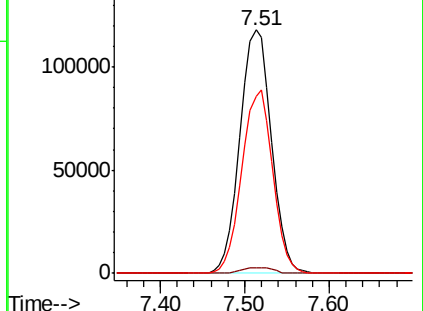
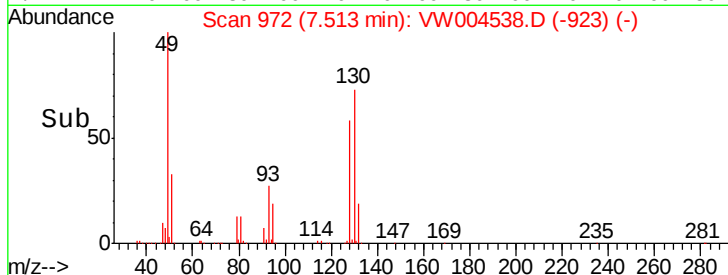
130 73.9 58.8 88.2



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#33

1,2-Dichloroethane-d4

Concen: 128.59 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004538.D

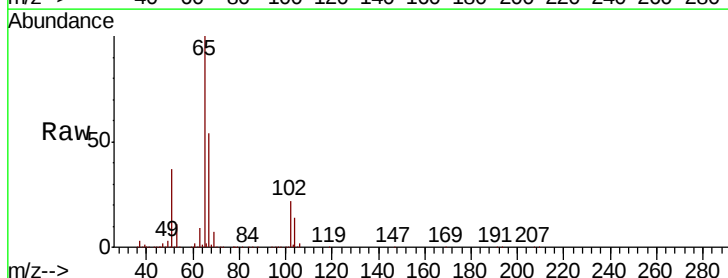
Acq: 08 Aug 2018 20:17

Tgt Ion: 65 Resp: 416146

Ion Ratio Lower Upper

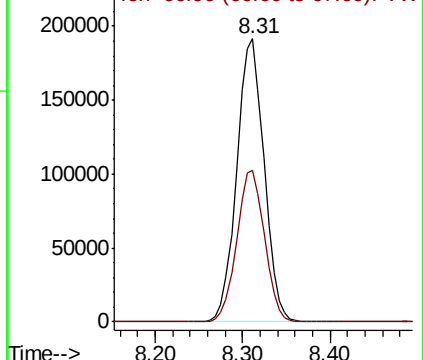
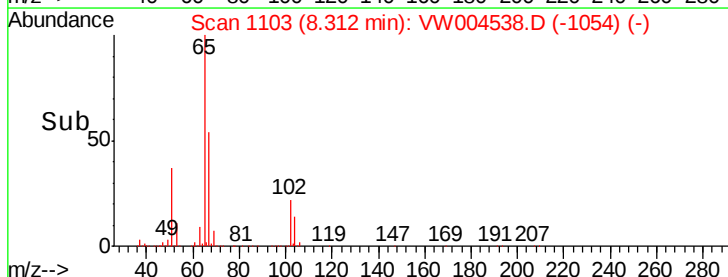
65 100

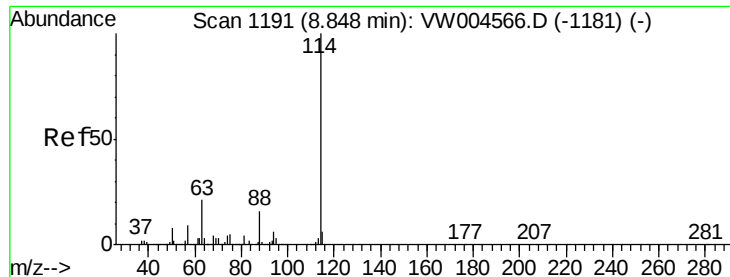
67 54.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

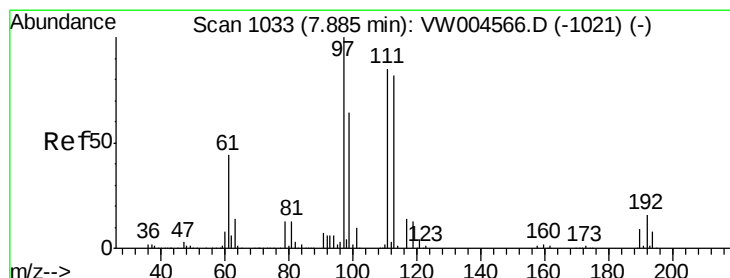
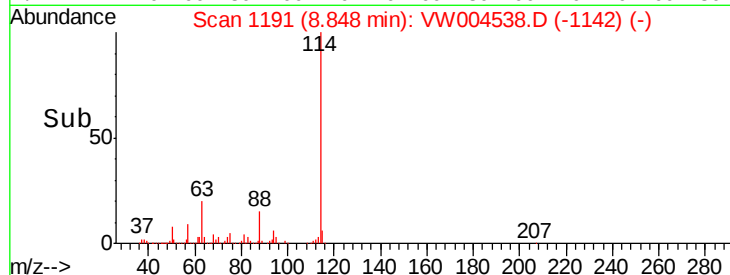
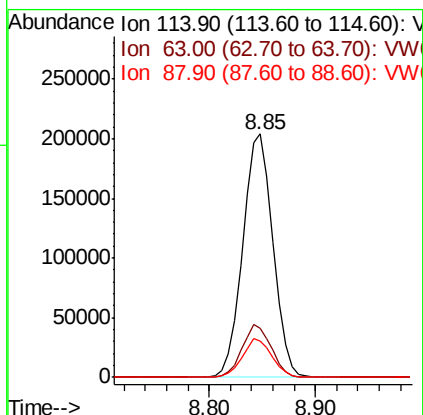
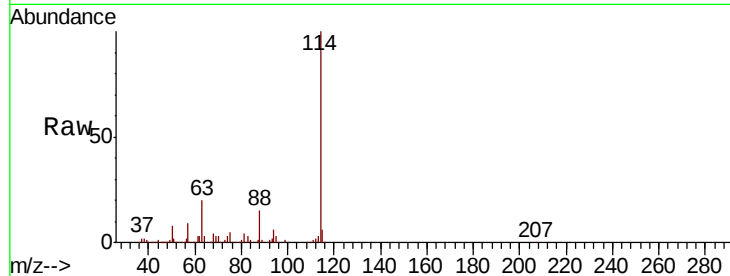




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004538.D
 Acq: 08 Aug 2018 20:17

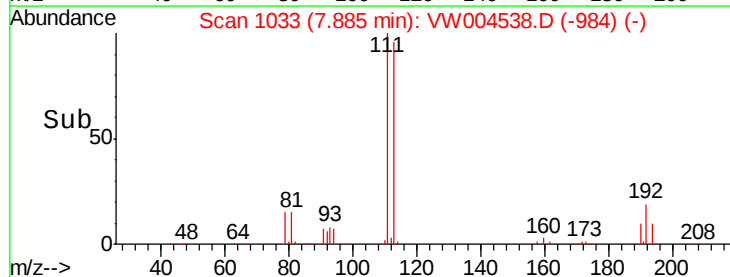
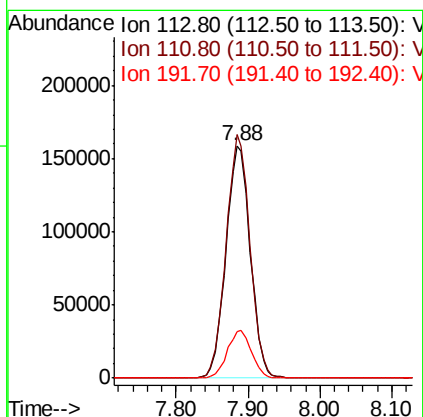
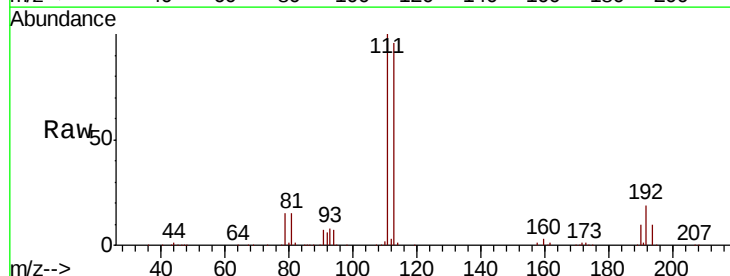
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-ERE

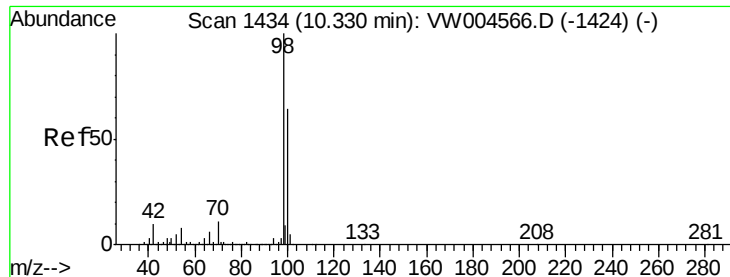
Tot Ion:114	Resp:	405516
Ion	Ratio	Lower Upper
114	100	
63	19.9	0.0 42.4
88	15.1	0.0 31.2



#35
 Dibromofluoromethane
 Concen: 138.15 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004538.D
 Acq: 08 Aug 2018 20:17

Tgt Ion:113	Resp:	373534
Ion	Ratio	Lower Upper
113	100	
111	102.8	82.9 124.3
192	20.3	15.8 23.6





#50

Toluene-d8

Concen: 110.78 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004538.D

Acq: 08 Aug 2018 20:17

Instrument :

MSVOA_W

ClientSampleId :

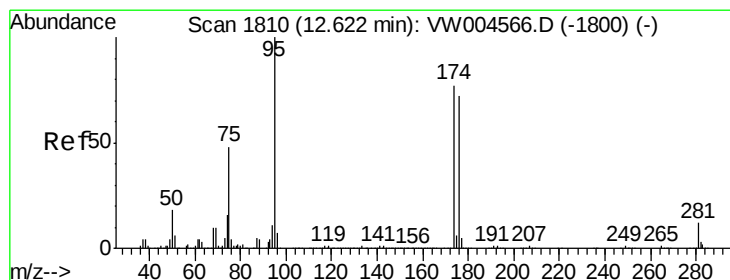
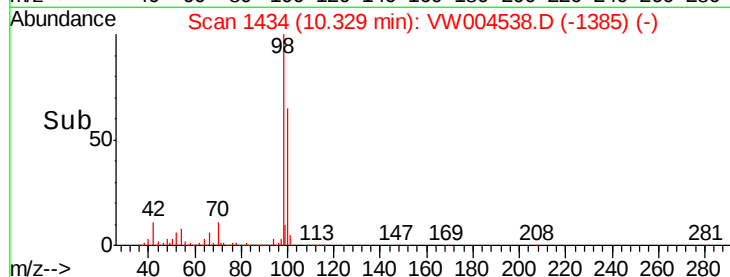
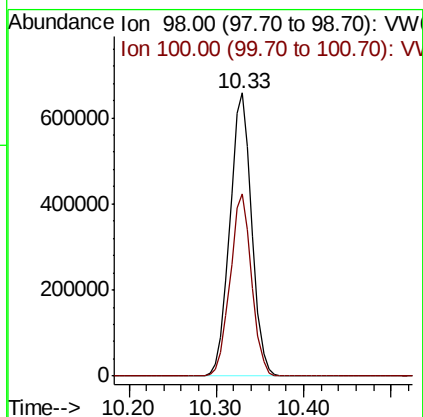
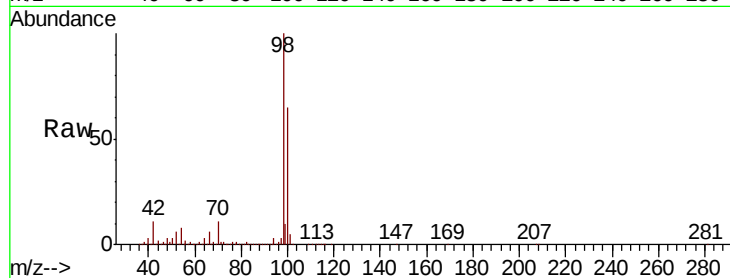
JC-03-080918-ERE

Tot Ion: 98 Resp: 1141920

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 76.80 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004538.D

Acq: 08 Aug 2018 20:17

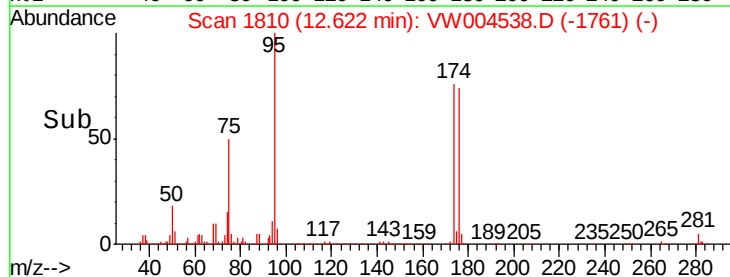
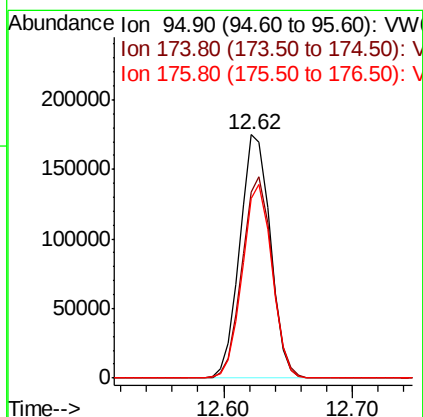
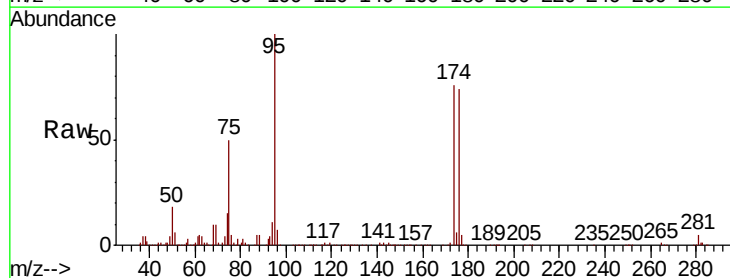
Tgt Ion: 95 Resp: 285186

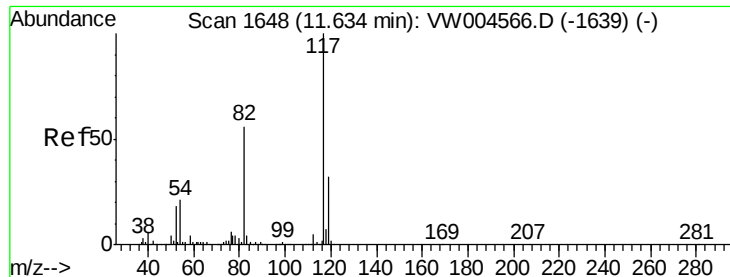
Ion Ratio Lower Upper

95 100

174 81.7 0.0 160.4

176 77.6 0.0 153.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW004538.D

Acq: 08 Aug 2018 20:17

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-ERE

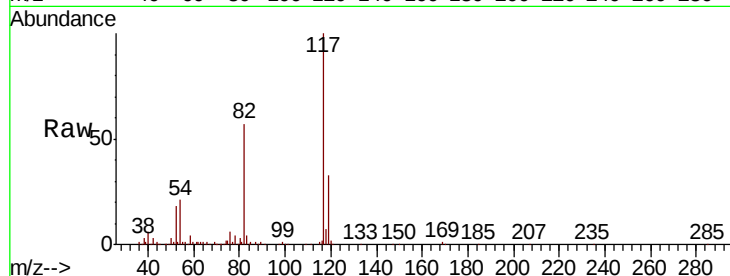
Tot Ion:117 Resp: 282692

Ion Ratio Lower Upper

117 100

82 56.7 45.3 67.9

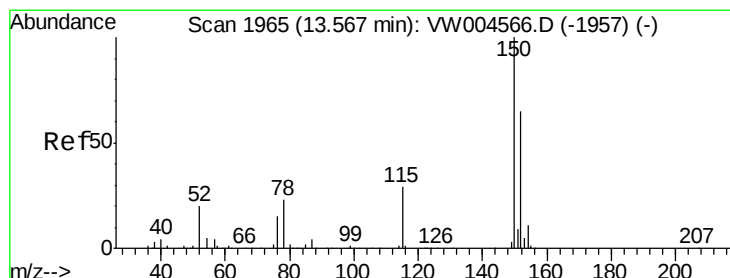
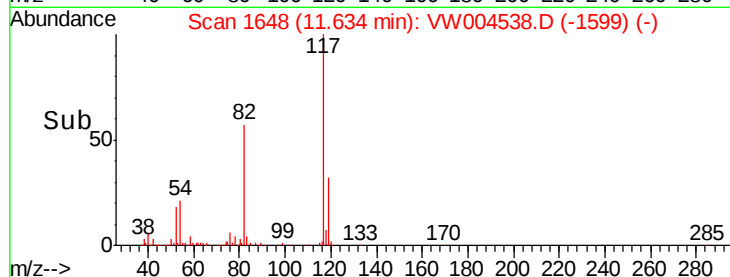
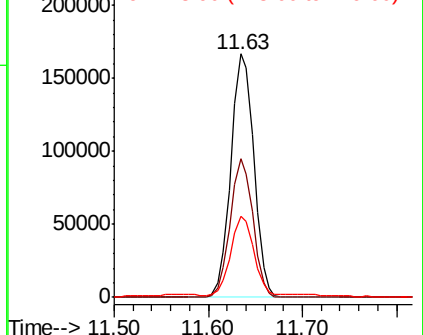
119 32.5 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004538.D

Acq: 08 Aug 2018 20:17

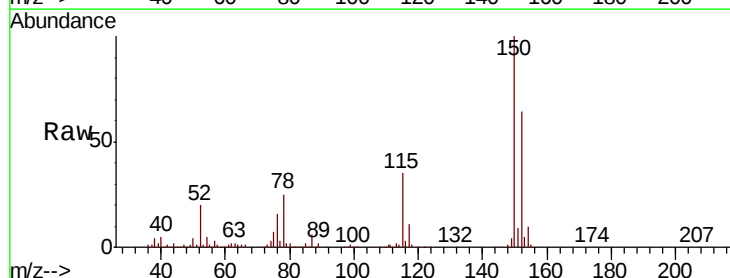
Tgt Ion:152 Resp: 58022

Ion Ratio Lower Upper

152 100

115 57.3 29.1 87.3

150 156.9 0.0 349.6



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

