

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008889.D
 Acq On : 28 Feb 2019 16:03
 Operator : SY/VA
 Sample : K1650-12
 Misc : 6.11G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-6(4-5)

Quant Time: Mar 01 07:45:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

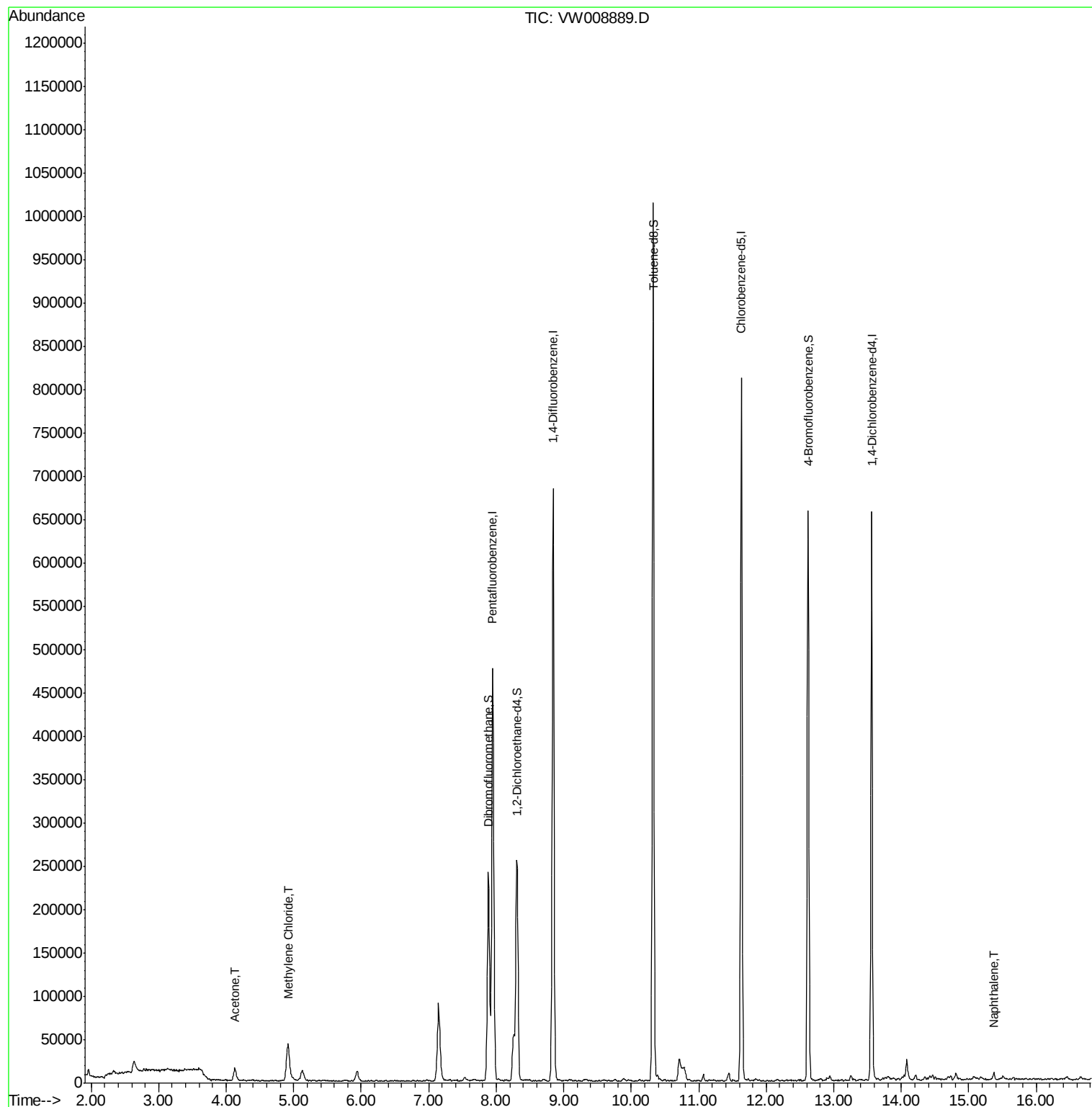
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	363432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	554033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	445312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	195282	57.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.58%	
35) Dibromofluoromethane	7.88	113	164221	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
50) Toluene-d8	10.32	98	642202	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.62	95	186985	37.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.38%	
Target Compounds						
16) Acetone	4.13	43	25591	32.390	ug/l	98
20) Methylene Chloride	4.91	84	30865	3.142	ug/l	94
95) Naphthalene	15.37	128	6075	1.023	ug/l #	90

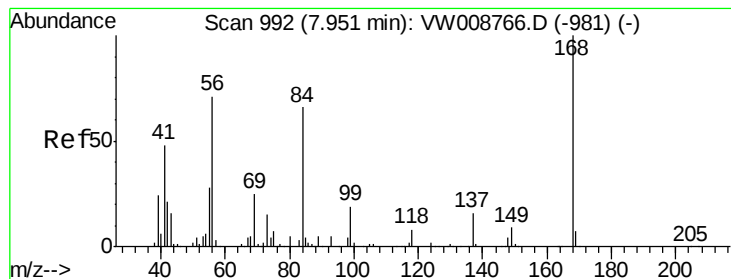
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008889.D

Acq: 28 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

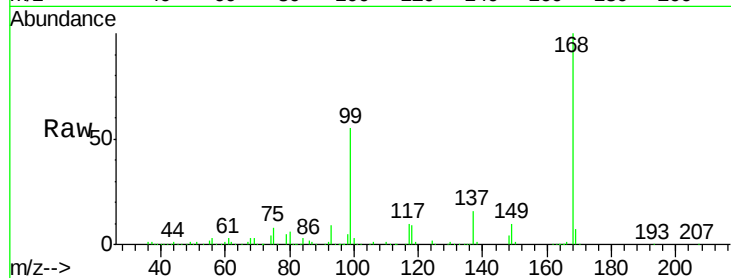
B-6(4-5)

Tot Ion:168 Resp: 363432

Ion Ratio Lower Upper

168 100

99 54.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

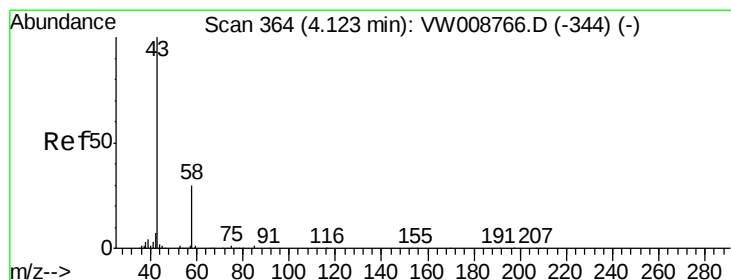
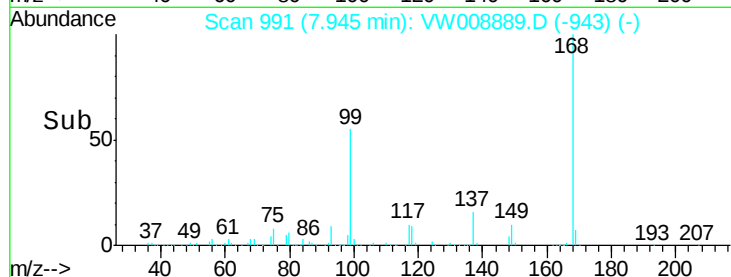
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 32.390 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008889.D

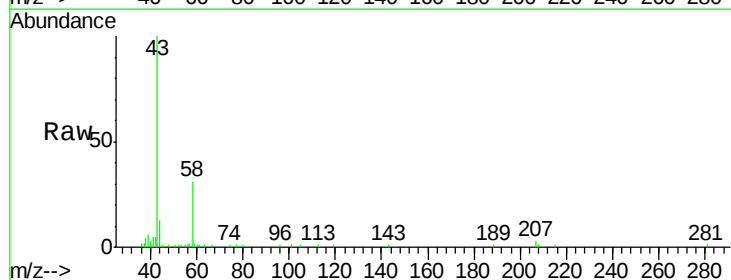
Acq: 28 Feb 2019 16:03

Tgt Ion: 43 Resp: 25591

Ion Ratio Lower Upper

43 100

58 30.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

10000

8000

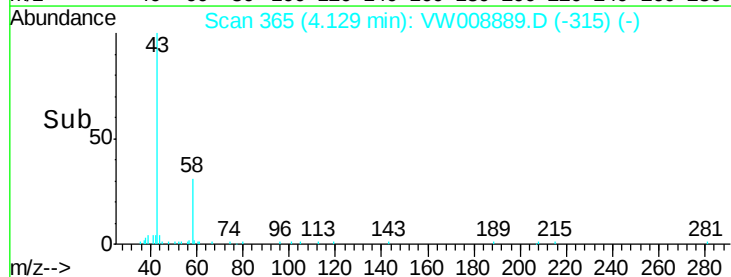
6000

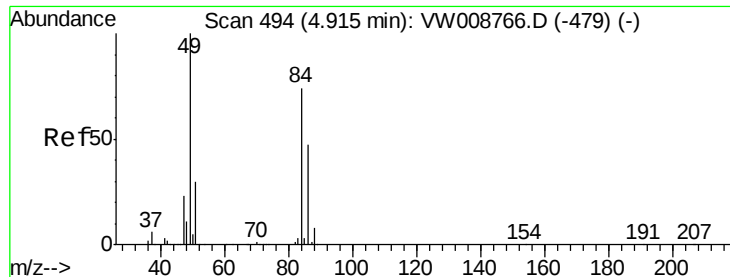
4000

2000

0

Time-->

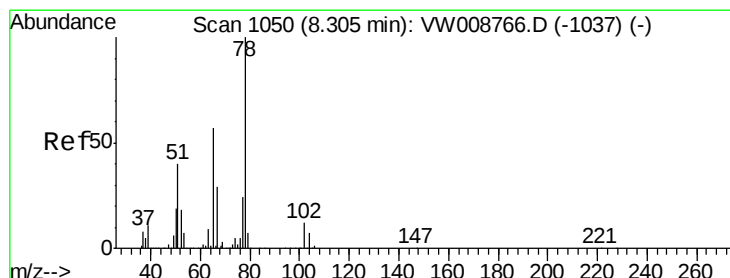
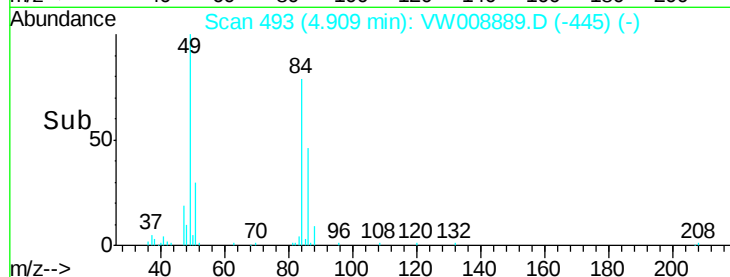
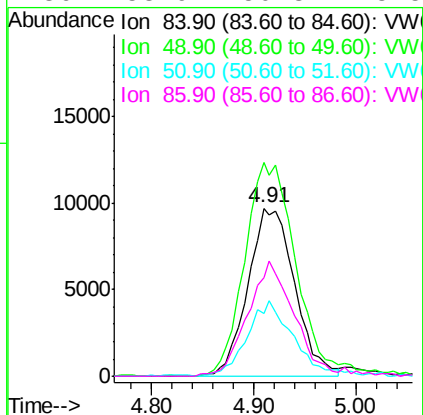
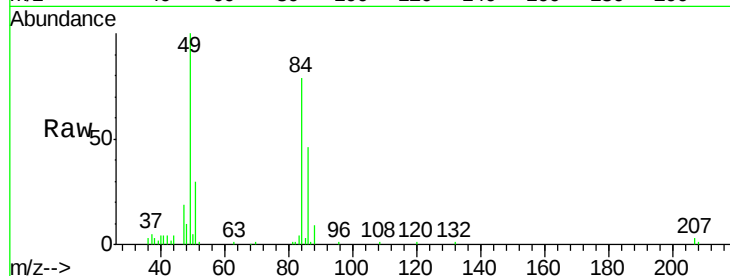




#20
Methvlene Chloride
Concen: 3.142 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008889.D
Acq: 28 Feb 2019 16:03

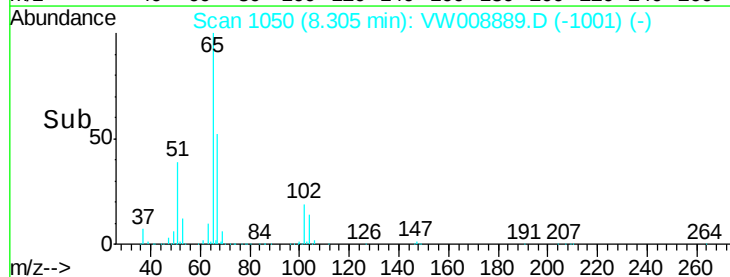
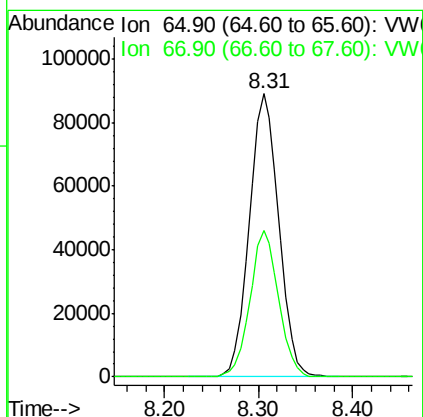
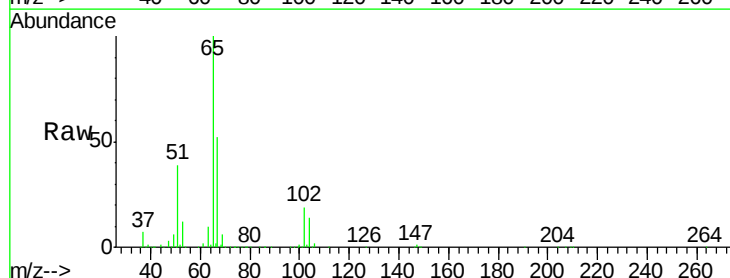
Instrument :
MSVOA_W
ClientSampleId :
B-6(4-5)

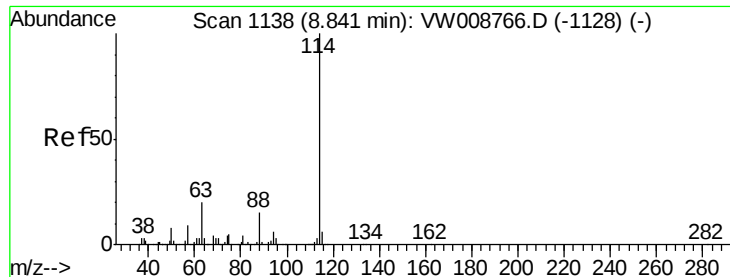
Tot Ion	Ratio	Lower	Upper
84	100		
49	127.1	108.2	162.2
51	36.9	32.7	49.1
86	58.9	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 57.290 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008889.D
Acq: 28 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	101.4

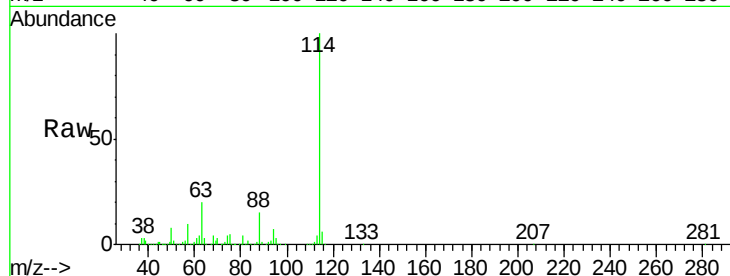




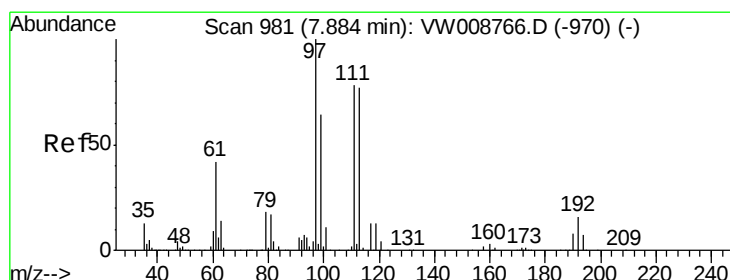
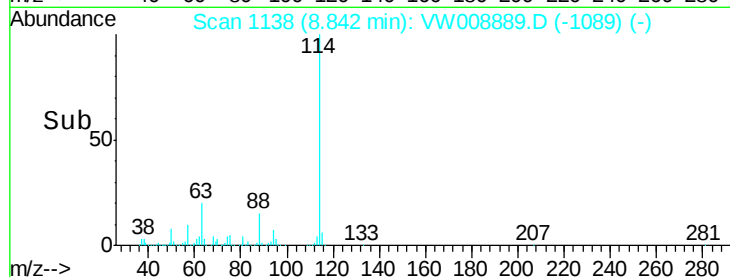
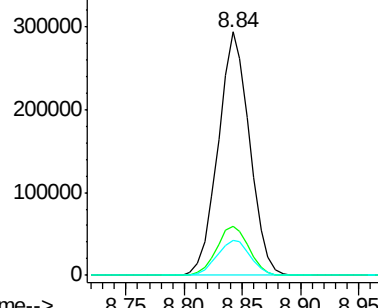
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008889.D
Acq: 28 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
B-6(4-5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	14.6	0.0	30.4

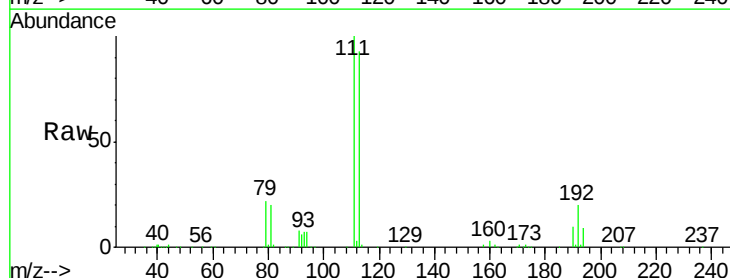


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

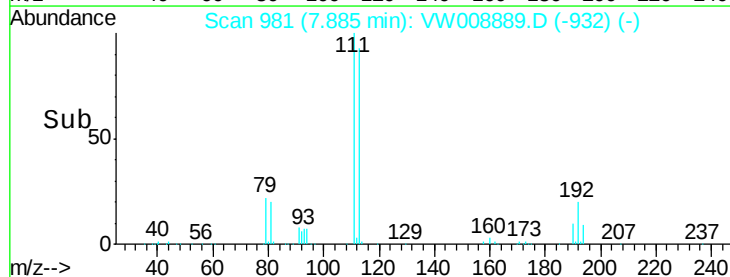
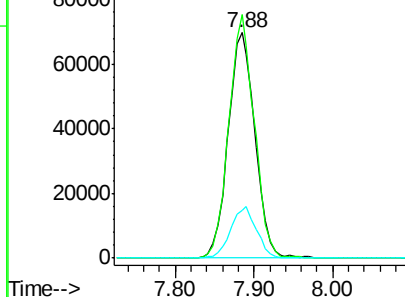


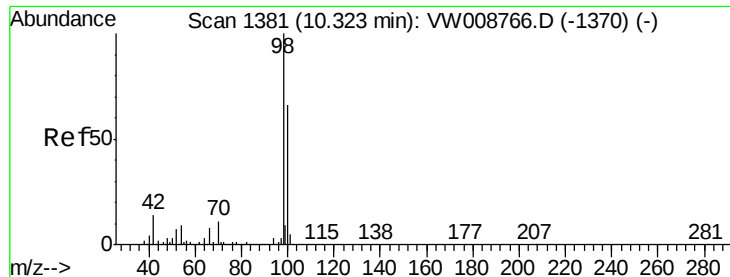
#35
Dibromofluoromethane
Concen: 49.368 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008889.D
Acq: 28 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	21.9	17.1	25.7



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: 50.011 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008889.D

Acq: 28 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampled :

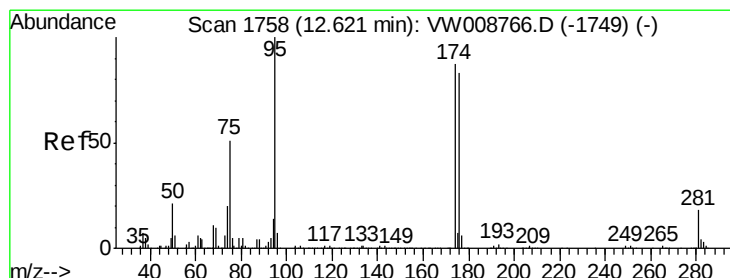
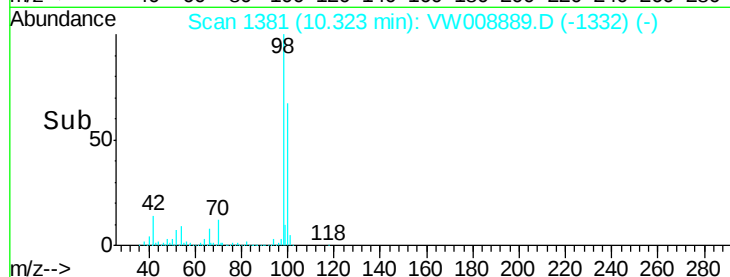
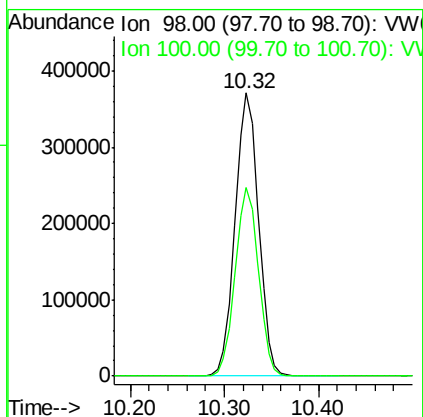
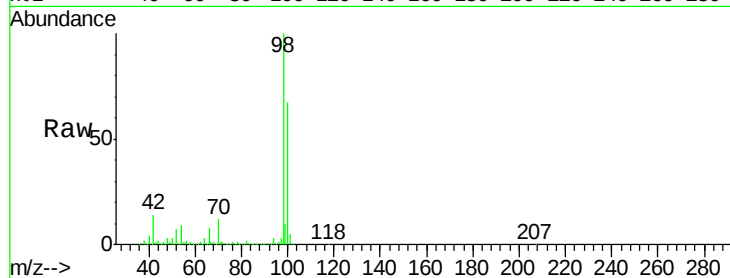
B-6(4-5)

Tot Ion: 98 Resp: 642202

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 37.190 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008889.D

Acq: 28 Feb 2019 16:03

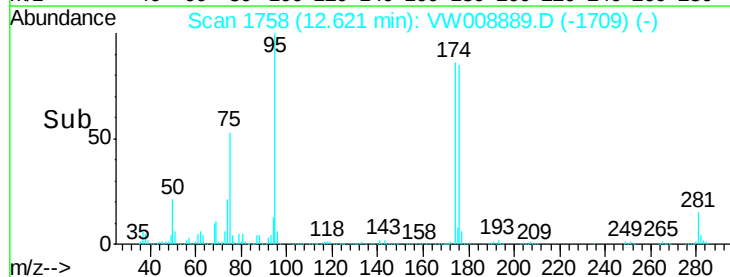
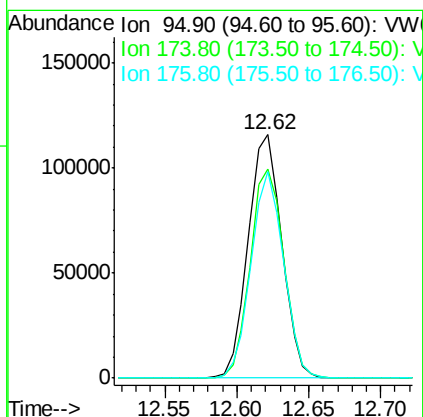
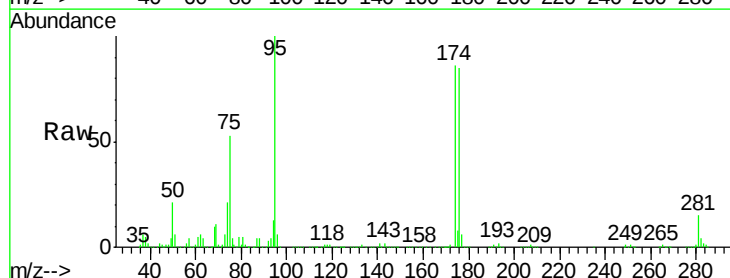
Tgt Ion: 95 Resp: 186985

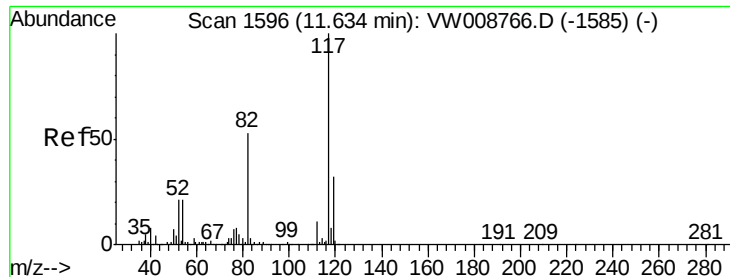
Ion Ratio Lower Upper

95 100

174 85.8 0.0 169.2

176 82.1 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008889.D

Acq: 28 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

B-6(4-5)

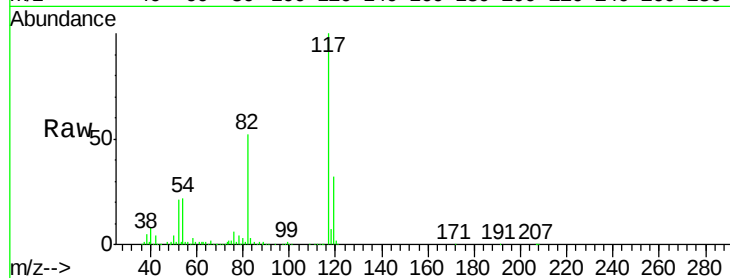
Tot Ion:117 Resp: 445312

Ion Ratio Lower Upper

117 100

82 52.3 42.2 63.4

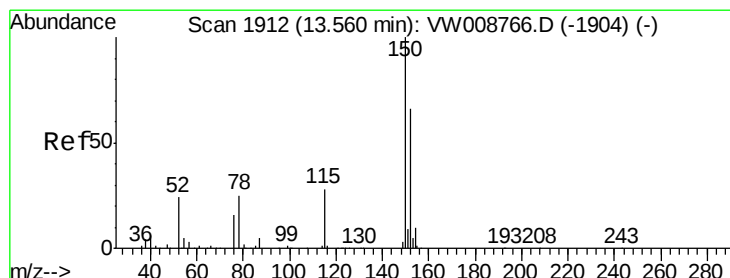
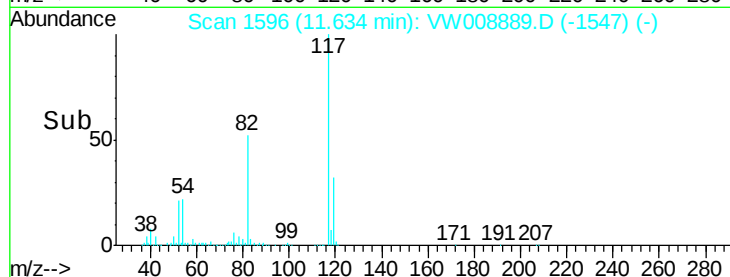
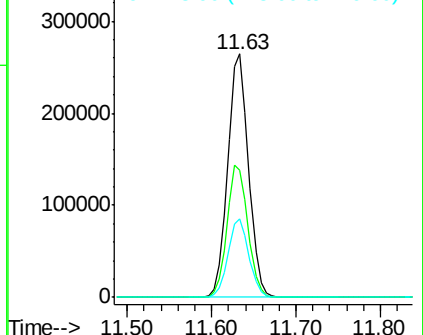
119 32.0 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008889.D

Acq: 28 Feb 2019 16:03

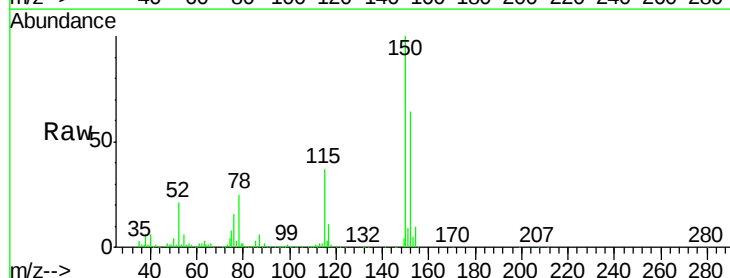
Tgt Ion:152 Resp: 161629

Ion Ratio Lower Upper

152 100

115 58.3 28.6 85.8

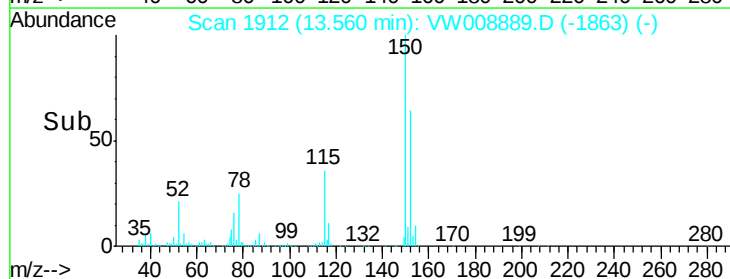
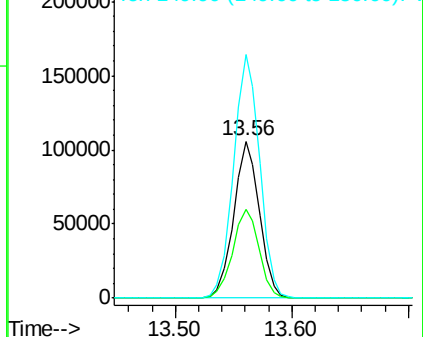
150 158.5 0.0 348.0

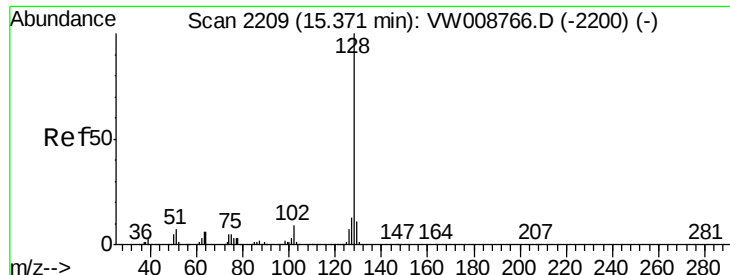


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.023 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008889.D

Acq: 28 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

B-6(4-5)

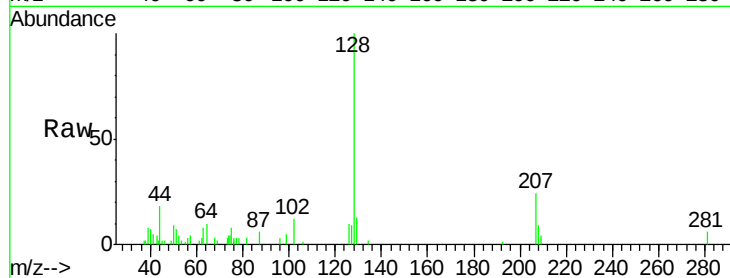
Tot Ion:128 Resp: 6075

Ion Ratio Lower Upper

128 100

127 6.5 10.8 16.2#

129 10.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

