

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008576.D
 Acq On : 08 Feb 2019 16:07
 Operator : SY/VA
 Sample : K1423-01
 Misc : 4.81G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HB-VJ210

Quant Time: Feb 09 01:19:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

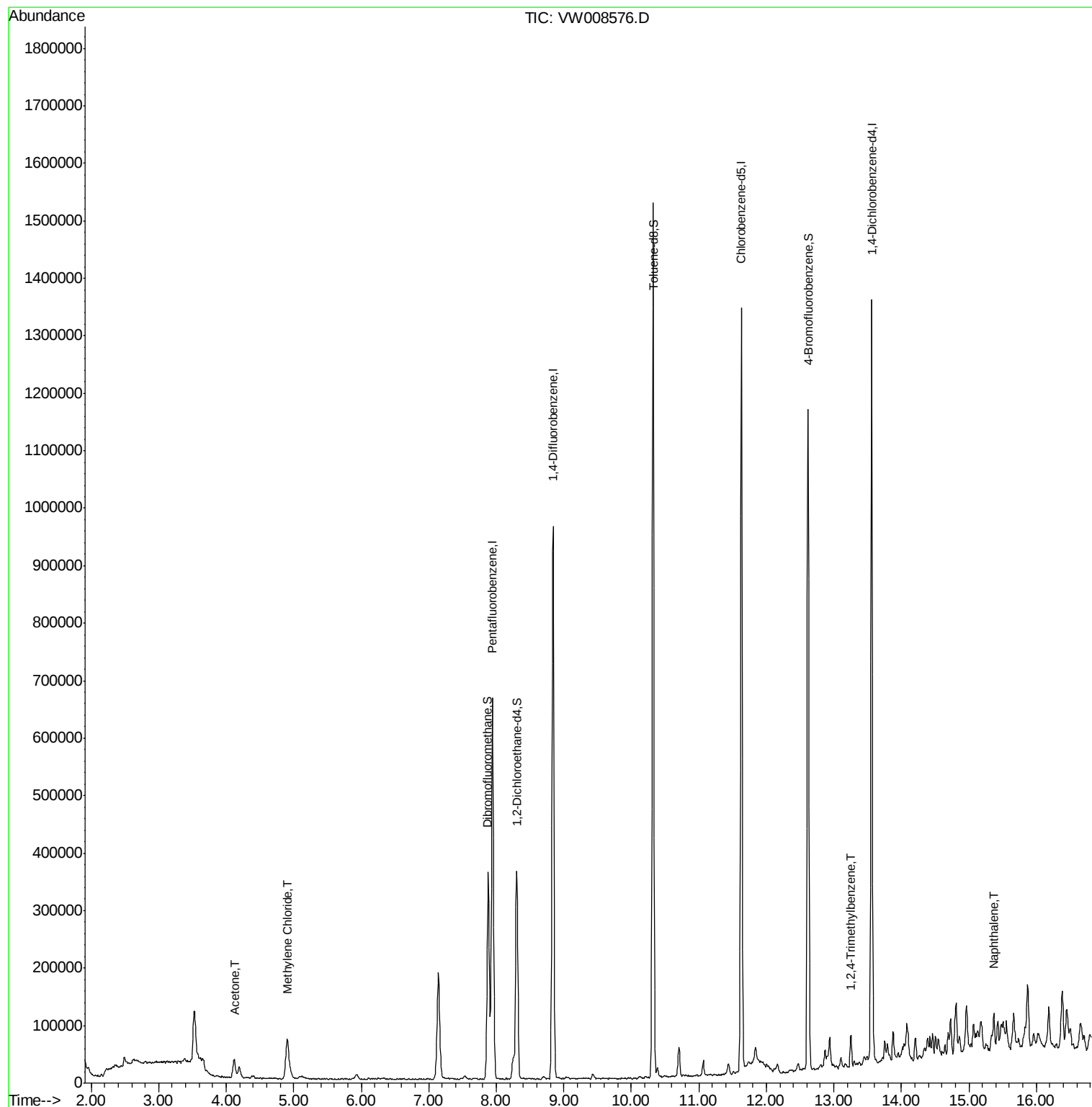
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	480444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	786090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	712028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	322141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	287531	60.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.84%	
35) Dibromofluoromethane	7.88	113	248799	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
50) Toluene-d8	10.32	98	965557	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.62	95	347842	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
Target Compounds						
16) Acetone	4.12	43	58596	55.283	ug/l	95
20) Methylene Chloride	4.90	84	54945	11.247	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	31601	1.549	ug/l	98
95) Naphthalene	15.37	128	43177	3.677	ug/l #	94

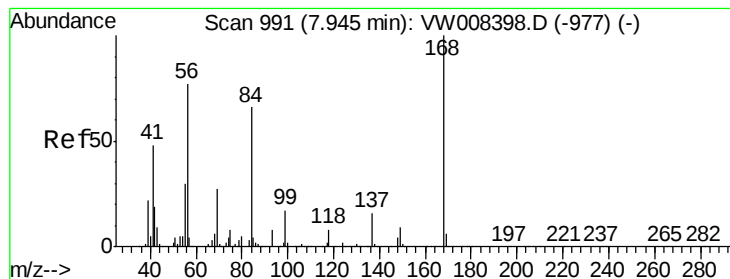
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008576.D

Acq: 08 Feb 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

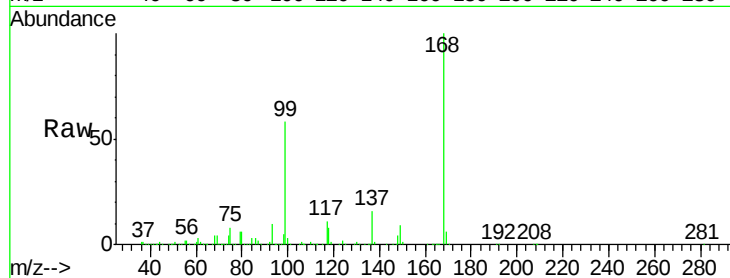
HB-VJ210

Tot Ion:168 Resp: 480444

Ion Ratio Lower Upper

168 100

99 57.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

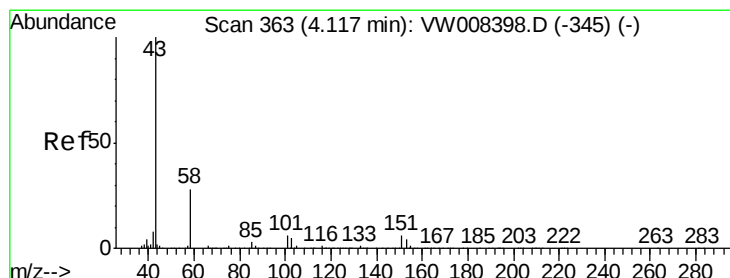
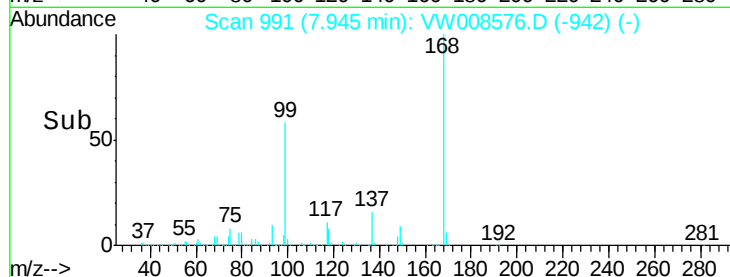
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 55.283 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008576.D

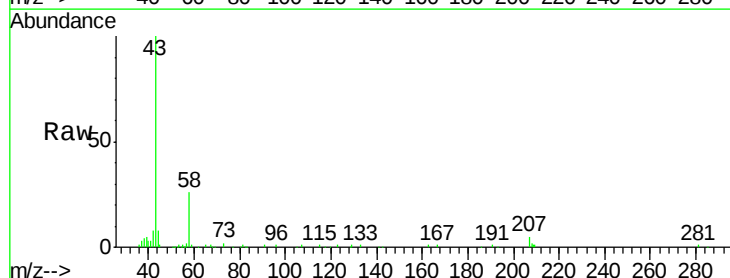
Acq: 08 Feb 2019 16:07

Tgt Ion: 43 Resp: 58596

Ion Ratio Lower Upper

43 100

58 25.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

25000

20000

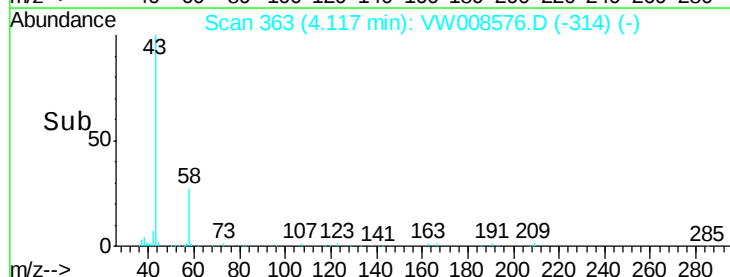
15000

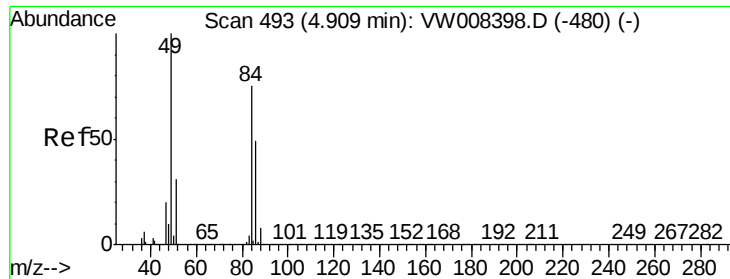
10000

5000

0

Time--> 4.00 4.10 4.20

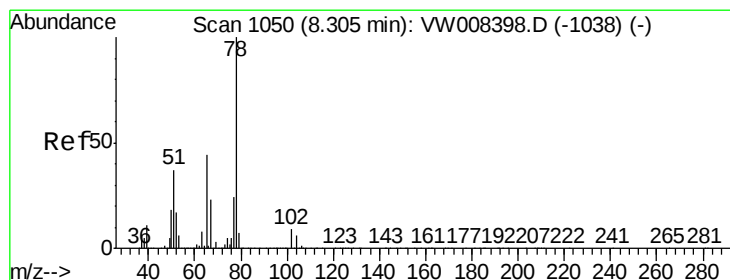
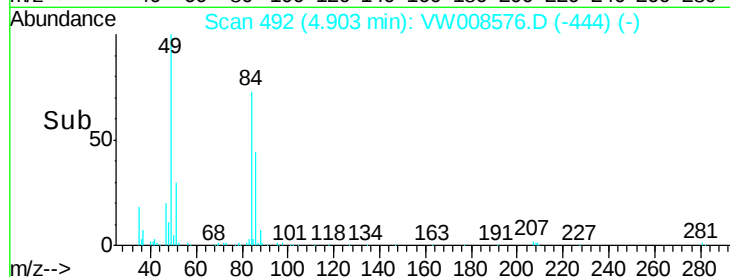
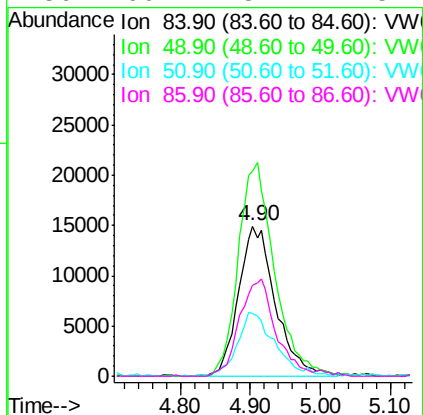
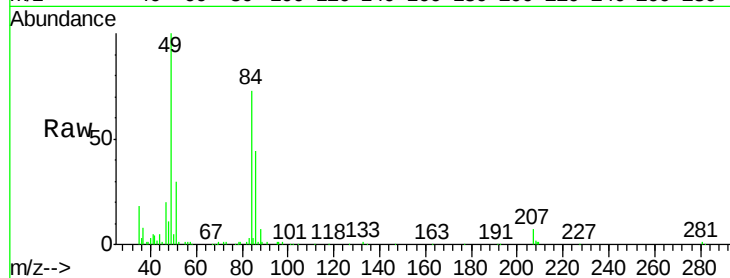




#20
Methvlene Chloride
Concen: 11.247 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008576.D
Acq: 08 Feb 2019 16:07

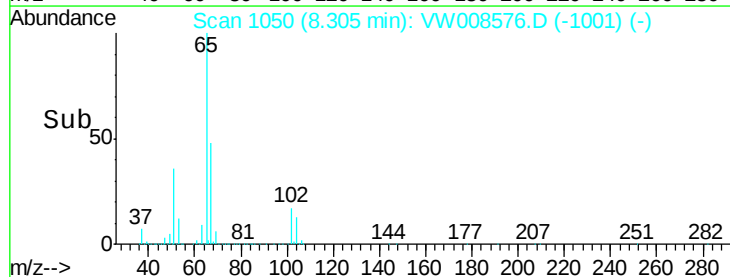
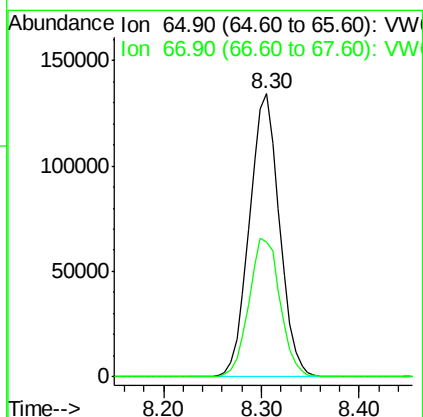
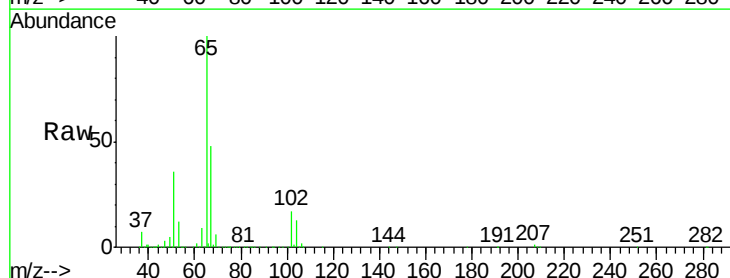
Instrument :
MSVOA_W
ClientSampleId :
HB-VJ210

Tot Ion:	84	Resp:	54945
Ion	Ratio	Lower	Upper
84	100		
49	136.9	106.8	160.2
51	41.6	32.9	49.3
86	60.1	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 60.919 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008576.D
Acq: 08 Feb 2019 16:07

Tgt Ion:	65	Resp:	287531
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008576.D

Acq: 08 Feb 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

HB-VJ210

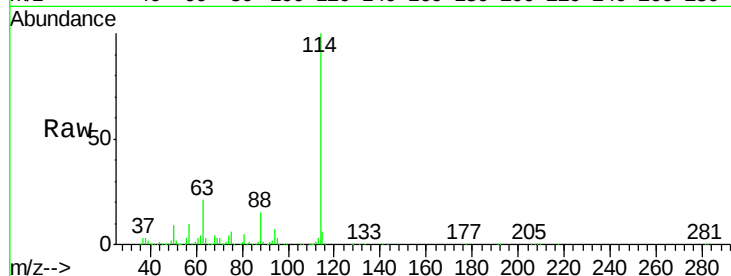
Tot Ion:114 Resp: 786090

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.6

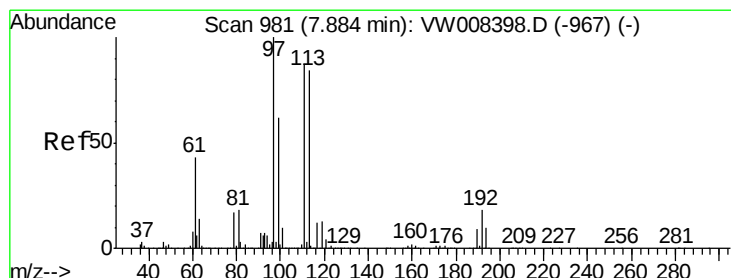
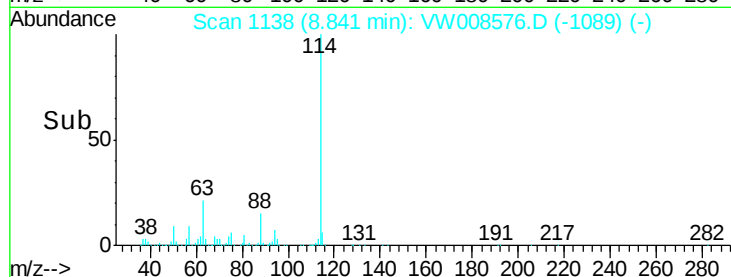
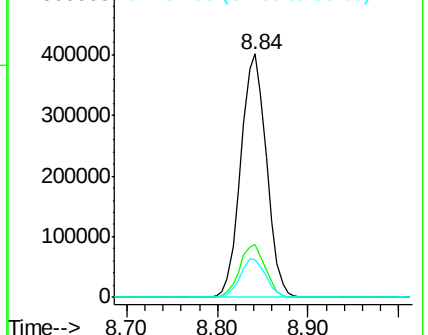
88 15.3 0.0 31.8



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: 54.127 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008576.D

Acq: 08 Feb 2019 16:07

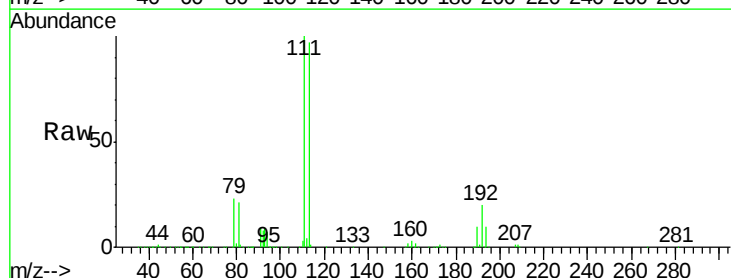
Tgt Ion:113 Resp: 248799

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.4

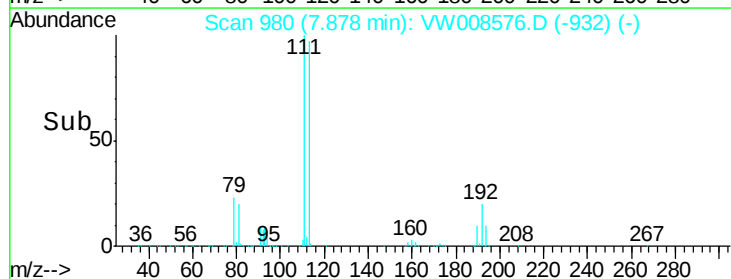
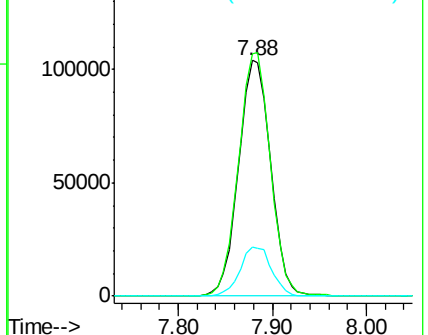
192 20.4 16.8 25.2

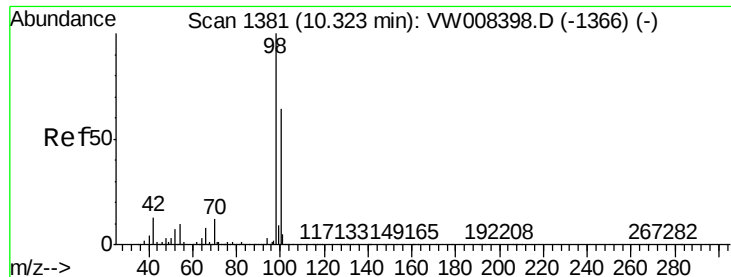


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.384 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008576.D

Acq: 08 Feb 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

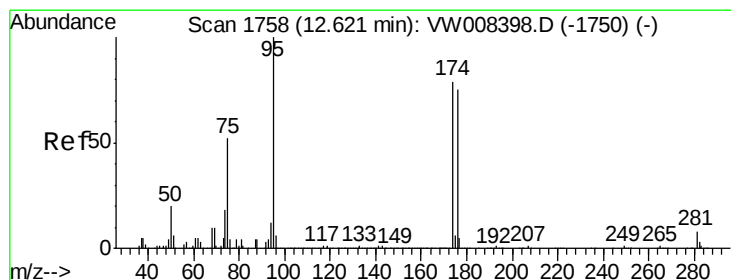
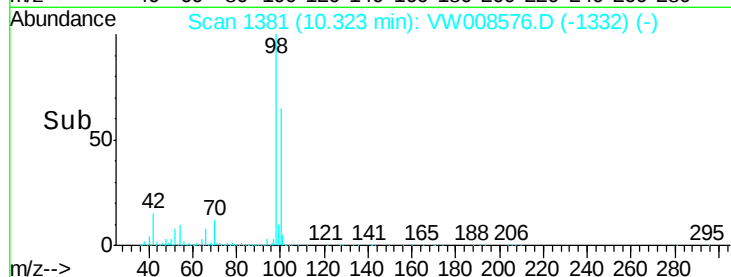
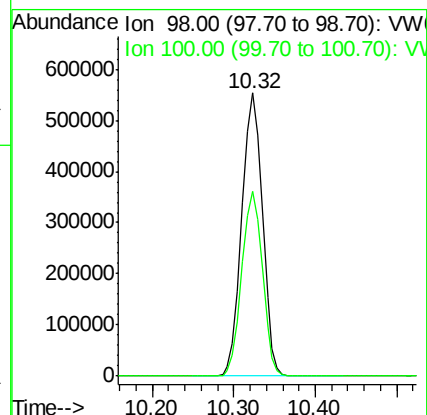
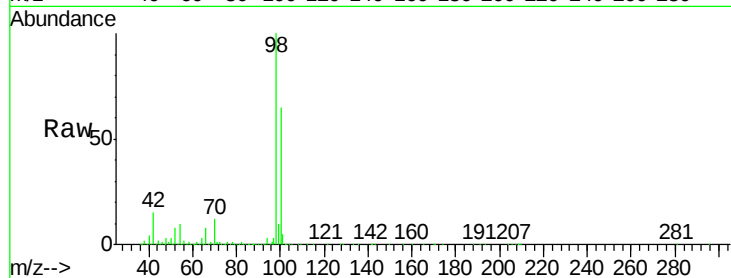
HB-VJ210

Tot Ion: 98 Resp: 965557

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 49.095 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008576.D

Acq: 08 Feb 2019 16:07

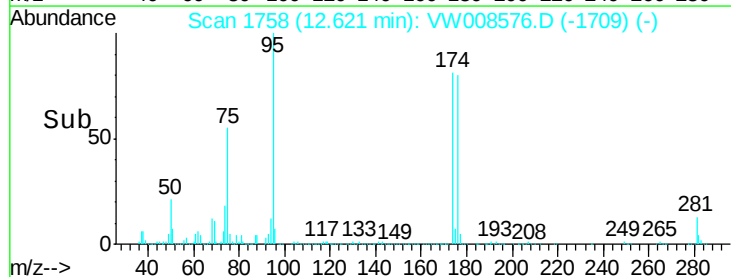
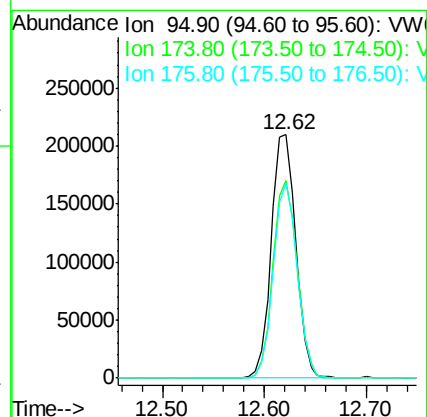
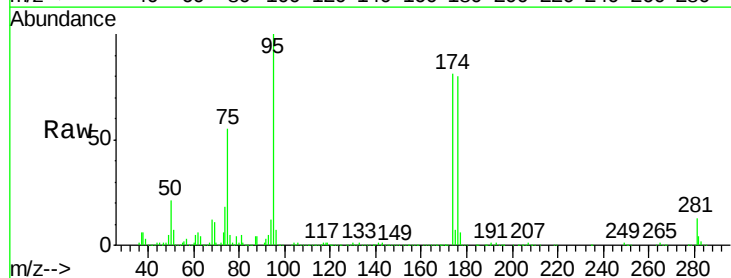
Tgt Ion: 95 Resp: 347842

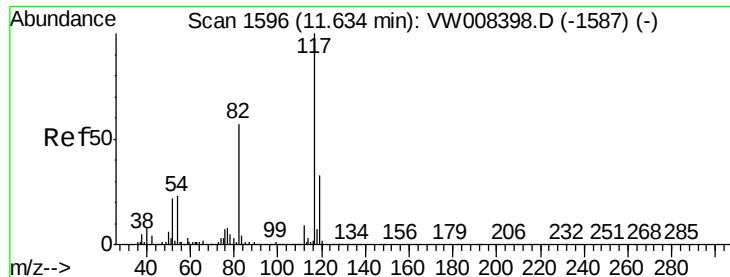
Ion Ratio Lower Upper

95 100

174 80.4 0.0 157.6

176 78.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008576.D

Acq: 08 Feb 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

HB-VJ210

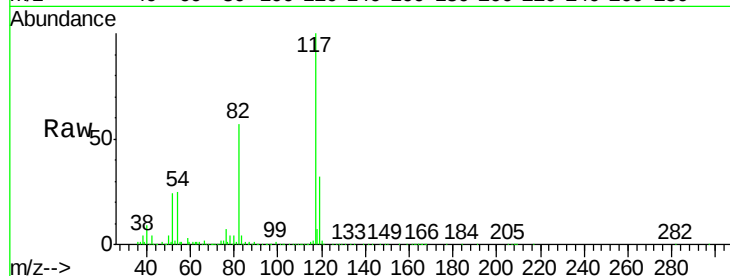
Tot Ion:117 Resp: 712028

Ion Ratio Lower Upper

117 100

82 57.3 45.4 68.0

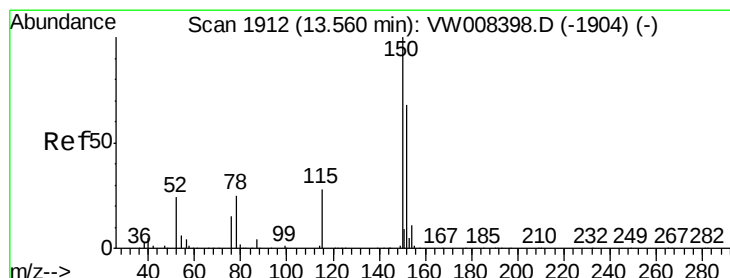
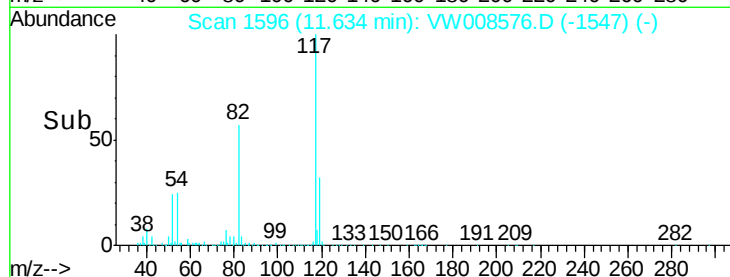
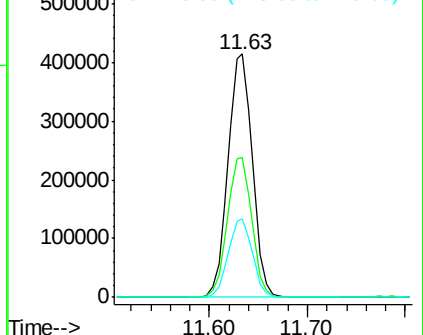
119 32.2 26.2 39.4



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: VW008576.D

Acq: 08 Feb 2019 16:07

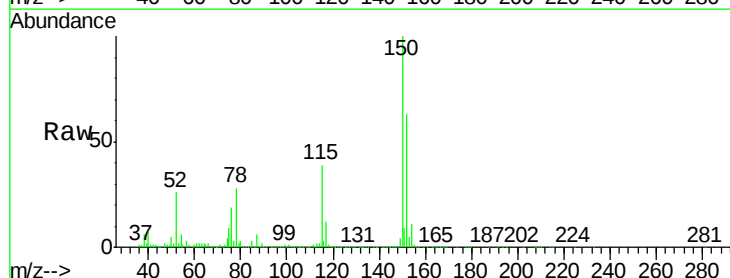
Tgt Ion:152 Resp: 322141

Ion Ratio Lower Upper

152 100

115 60.9 29.9 89.7

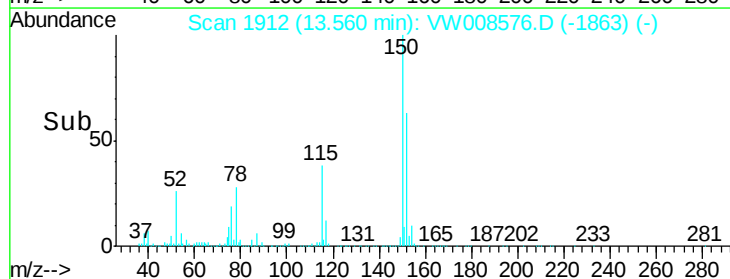
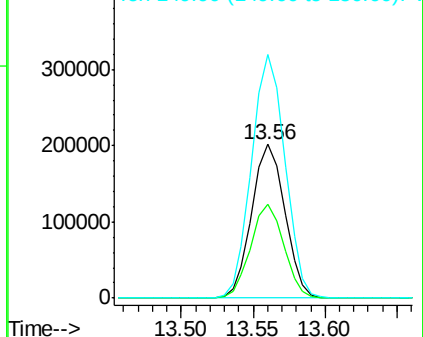
150 159.1 0.0 351.4

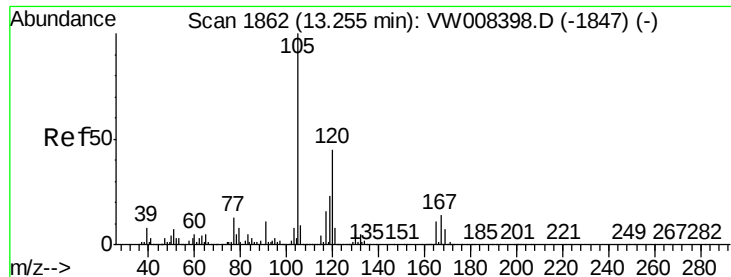


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.549 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008576.D

Acq: 08 Feb 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

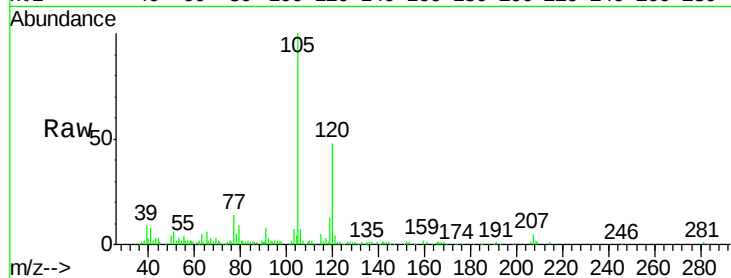
HB-VJ210

Tot Ion:105 Resp: 31601

Ion Ratio Lower Upper

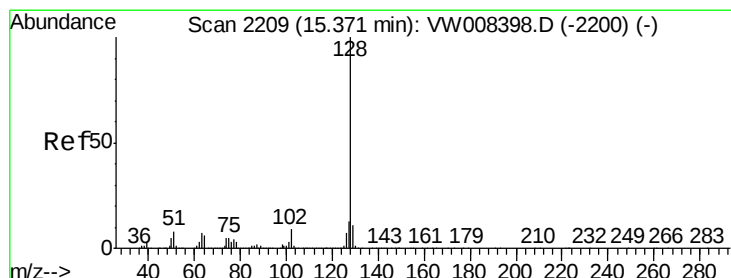
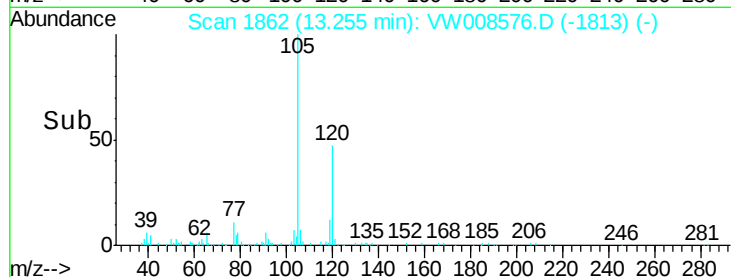
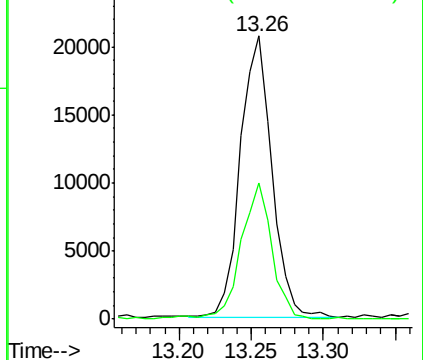
105 100

120 47.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 3.677 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008576.D

Acq: 08 Feb 2019 16:07

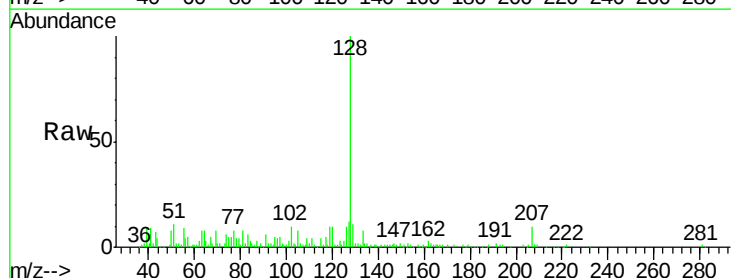
Tgt Ion:128 Resp: 43177

Ion Ratio Lower Upper

128 100

127 14.9 10.6 15.8

129 13.9 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

