

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008831.D
 Acq On : 26 Feb 2019 15:30
 Operator : SY/VA
 Sample : K1620-07
 Misc : 4.77G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04

Quant Time: Feb 27 06:36:15 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

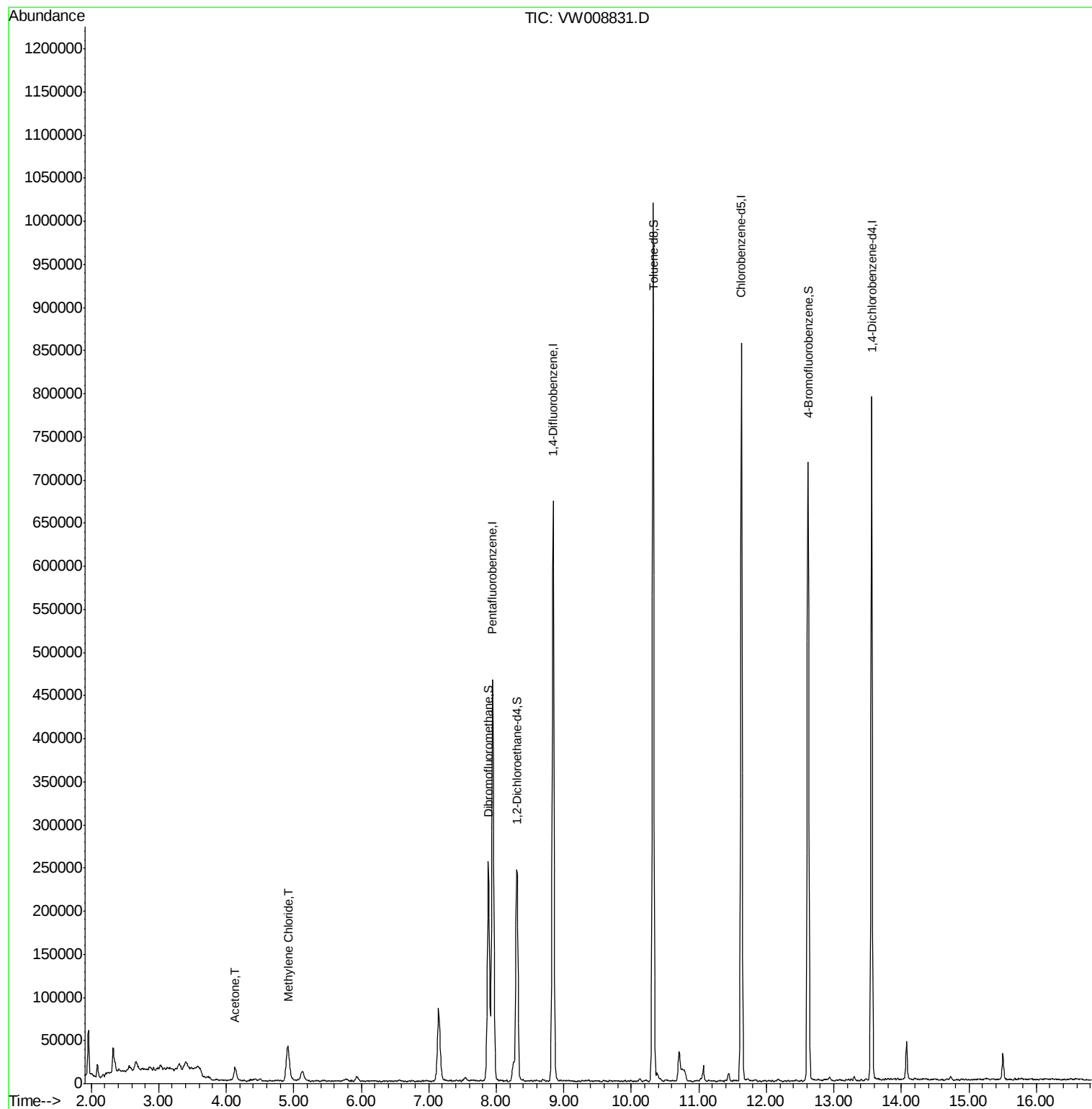
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	359008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	546859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	468045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	200000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	191046	56.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.48%	
35) Dibromofluoromethane	7.88	113	172391	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
50) Toluene-d8	10.32	98	648217	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	12.62	95	209692	42.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.50%	
Target Compounds						
16) Acetone	4.13	43	26702	34.212	ug/l	98
20) Methylene Chloride	4.92	84	31319	3.382	ug/l	92

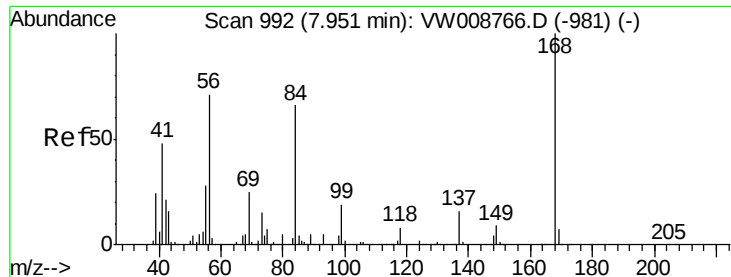
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008831.D

Acq: 26 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampled :

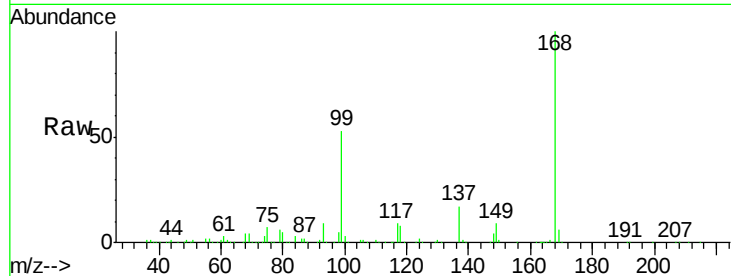
SB-04

Tot Ion:168 Resp: 359008

Ion Ratio Lower Upper

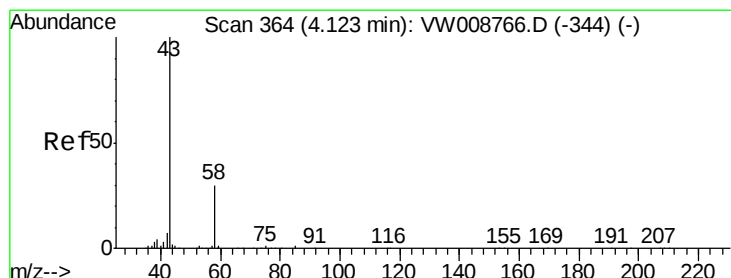
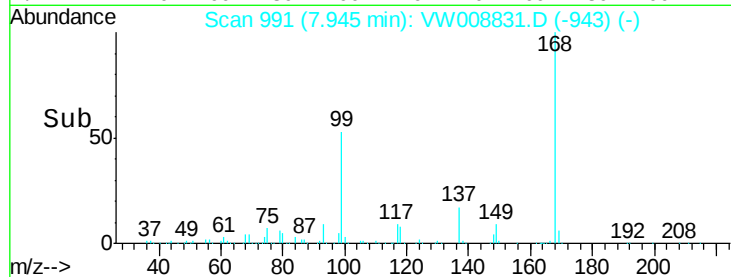
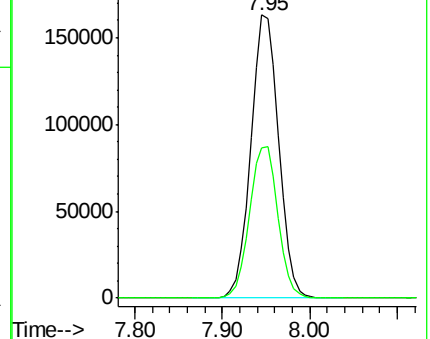
168 100

99 53.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 34.212 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008831.D

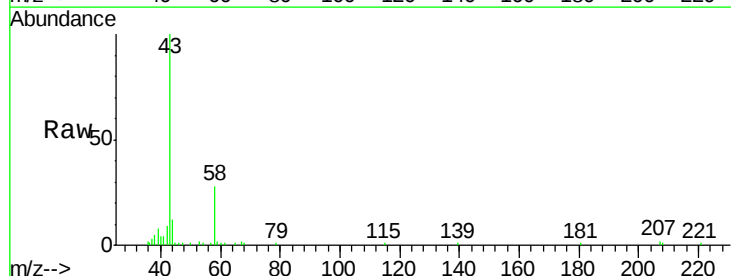
Acq: 26 Feb 2019 15:30

Tgt Ion: 43 Resp: 26702

Ion Ratio Lower Upper

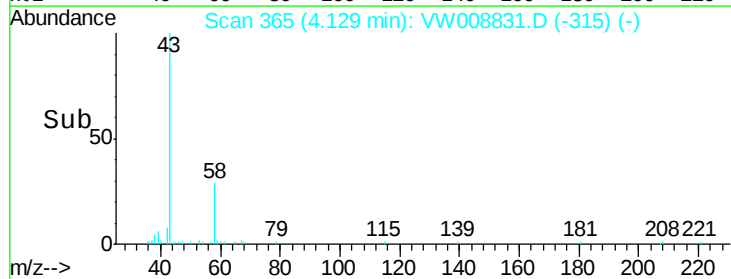
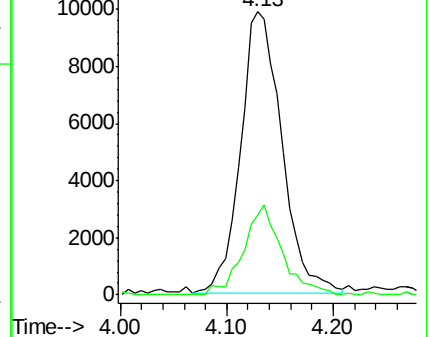
43 100

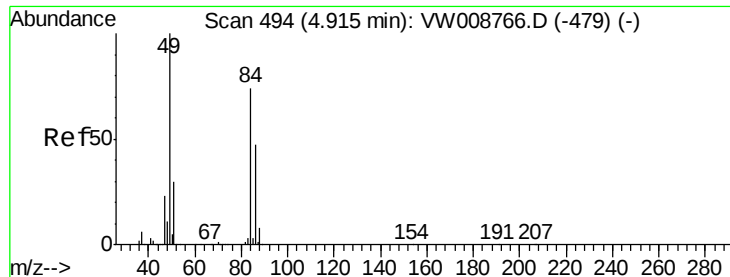
58 28.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

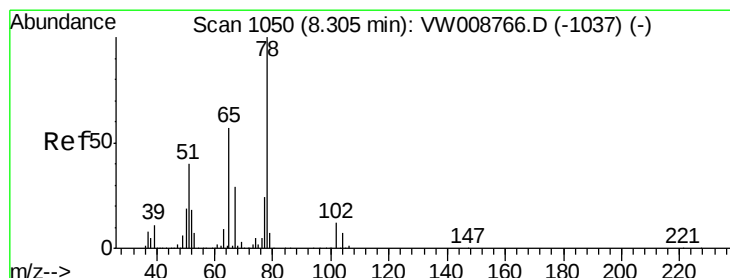
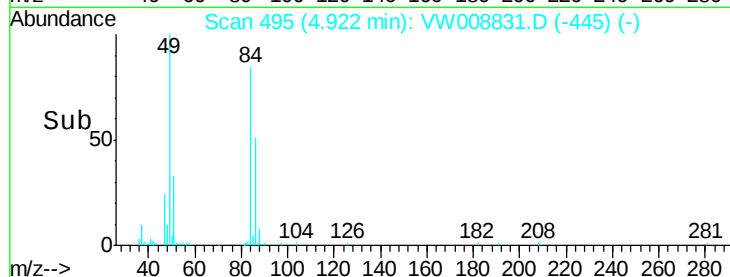
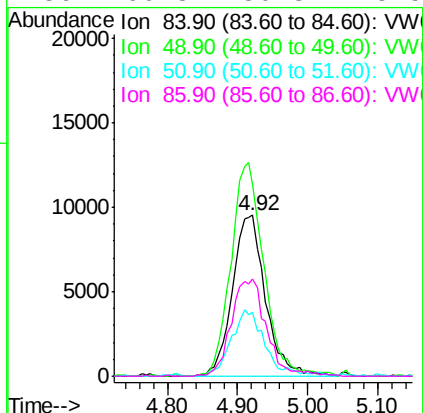
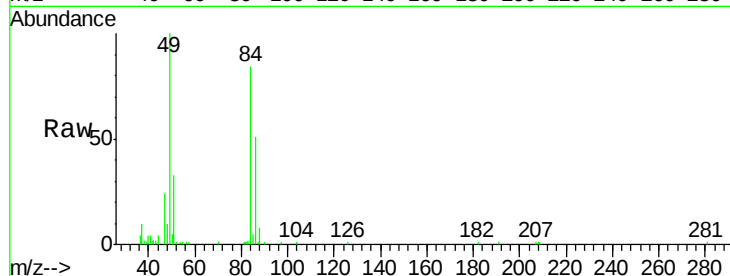




#20
Methylene Chloride
Concen: 3.382 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW008831.D
Acq: 26 Feb 2019 15:30

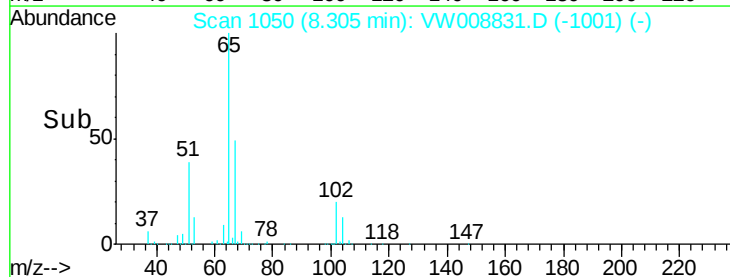
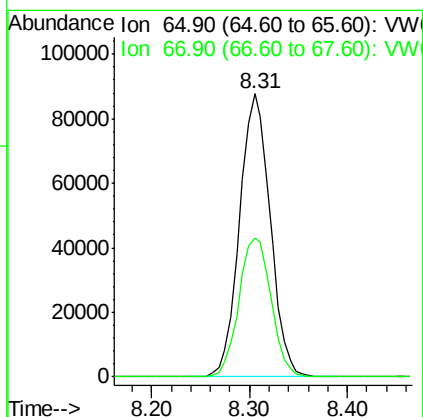
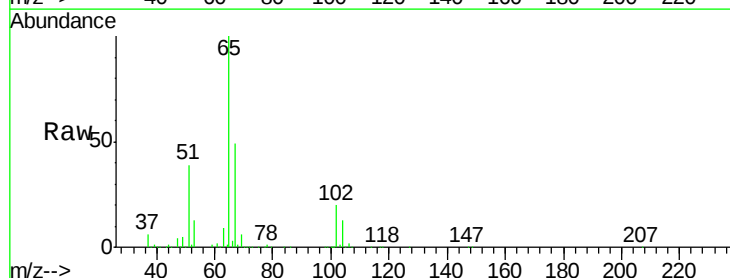
Instrument :
MSVOA_W
ClientSampled :
SB-04

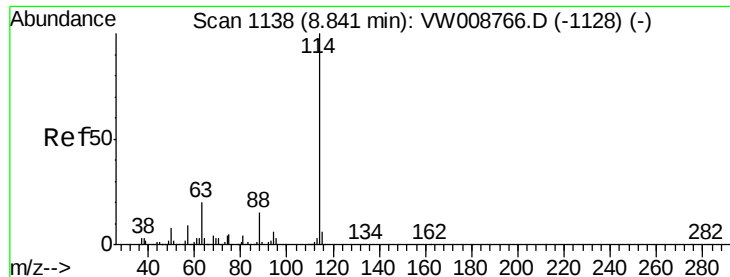
Tot Ion: 84 Resp: 31319
Ion Ratio Lower Upper
84 100
49 119.6 108.2 162.2
51 39.9 32.7 49.1
86 60.8 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 56.738 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008831.D
Acq: 26 Feb 2019 15:30

Tgt Ion: 65 Resp: 191046
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4

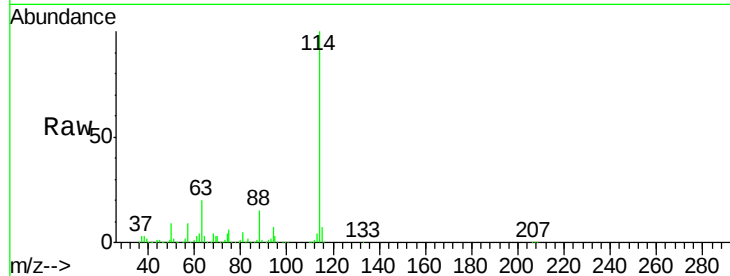




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008831.D
Acq: 26 Feb 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
SB-04

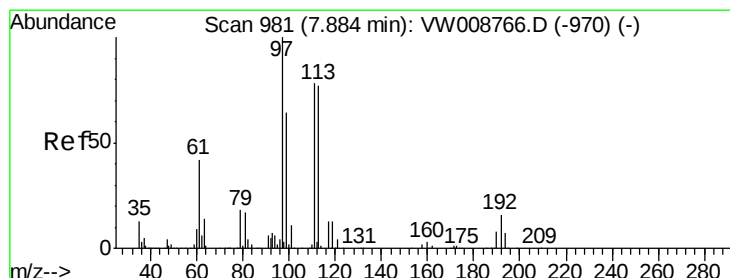
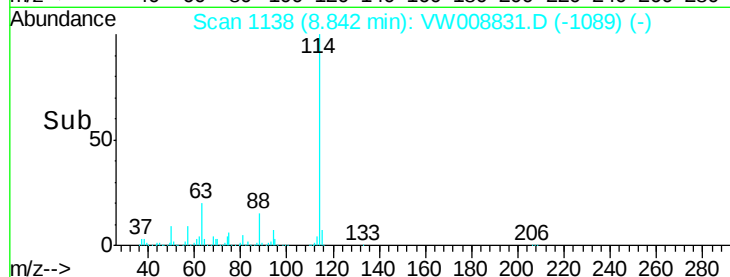
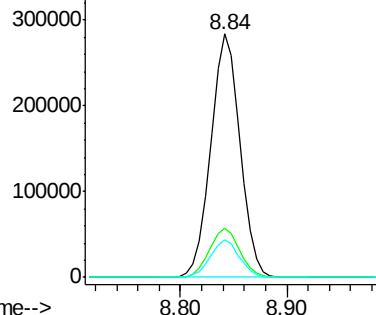
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.8
88	15.3	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

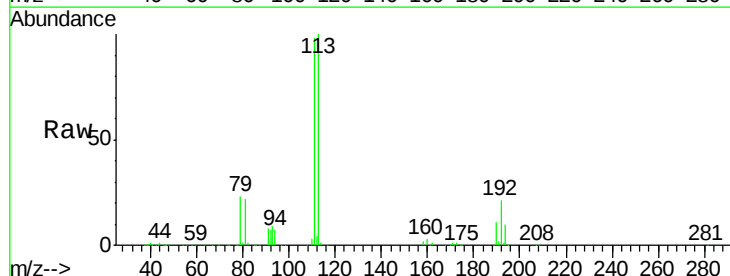
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
Dibromofluoromethane
Concen: 52.504 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008831.D
Acq: 26 Feb 2019 15:30

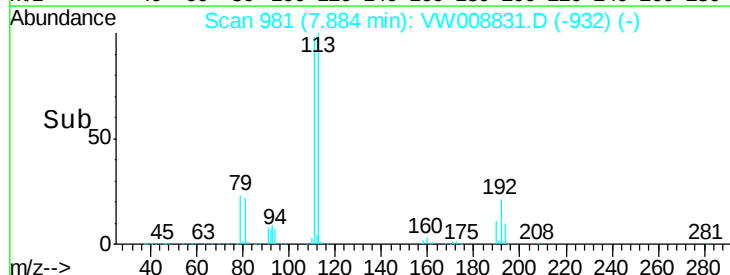
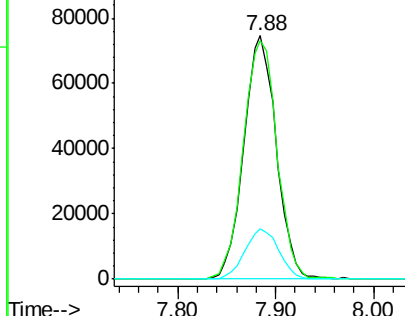
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	21.5	17.1	25.7

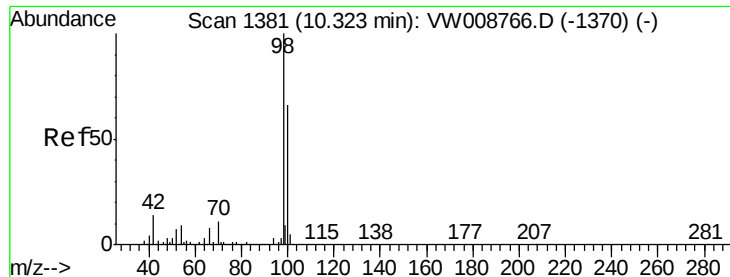


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.142 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008831.D

Acq: 26 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampled :

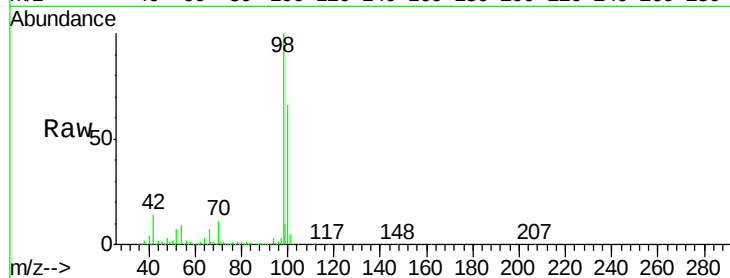
SB-04

Tot Ion: 98 Resp: 648217

Ion Ratio Lower Upper

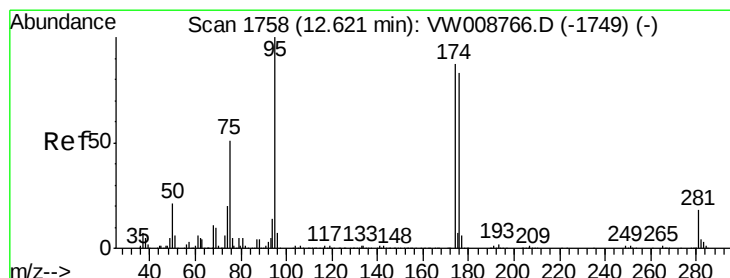
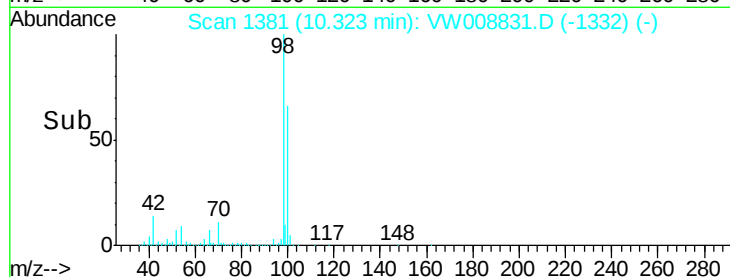
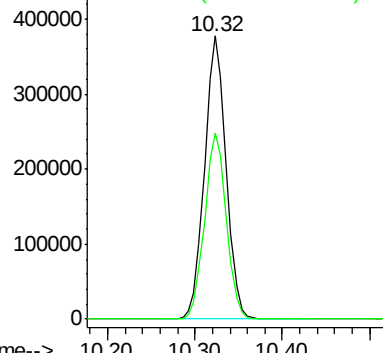
98 100

100 66.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.253 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008831.D

Acq: 26 Feb 2019 15:30

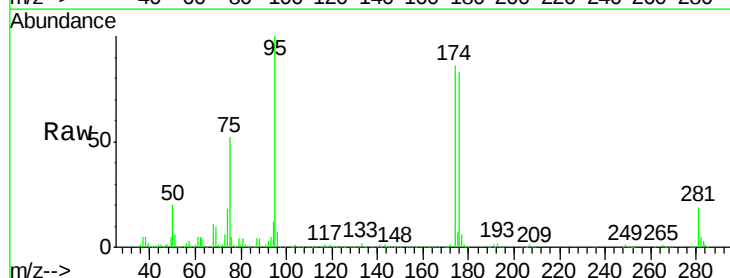
Tgt Ion: 95 Resp: 209692

Ion Ratio Lower Upper

95 100

174 84.4 0.0 169.2

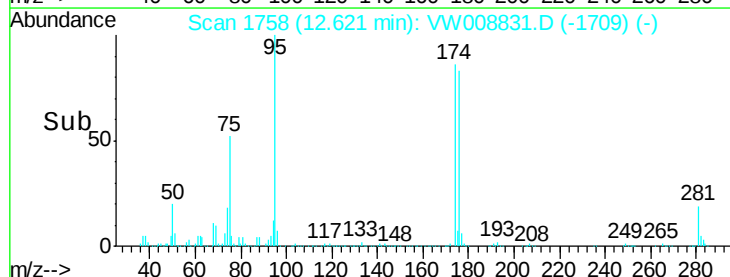
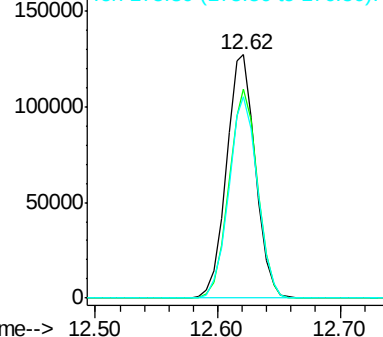
176 82.0 0.0 163.6

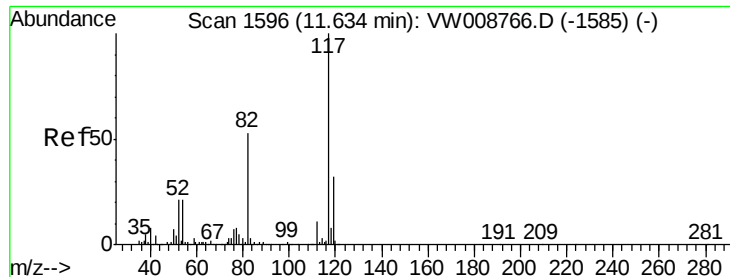


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008831.D

Acq: 26 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampled :

SB-04

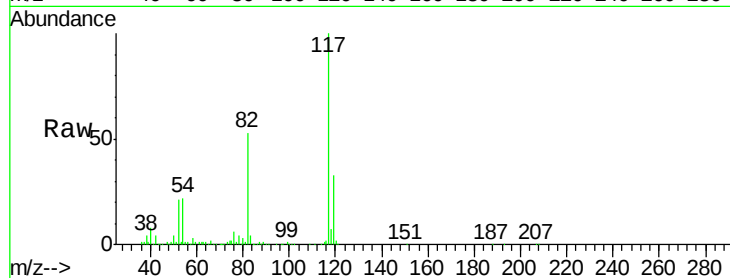
Tot Ion:117 Resp: 468045

Ion Ratio Lower Upper

117 100

82 53.3 42.2 63.4

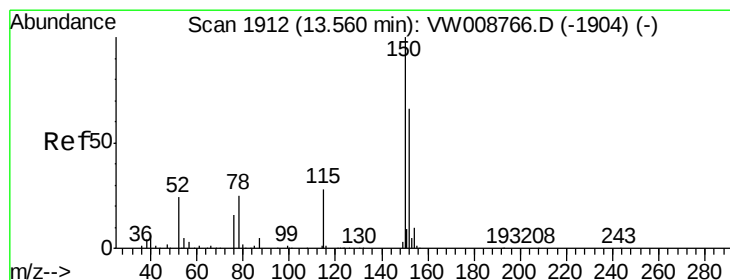
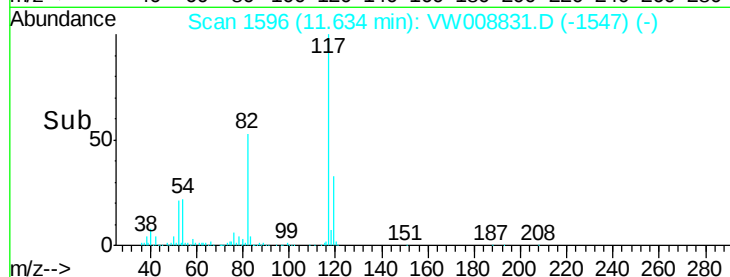
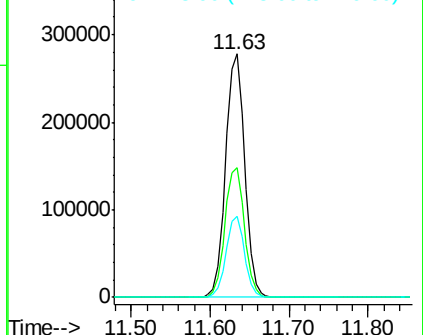
119 33.3 25.9 38.9



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: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008831.D

Acq: 26 Feb 2019 15:30

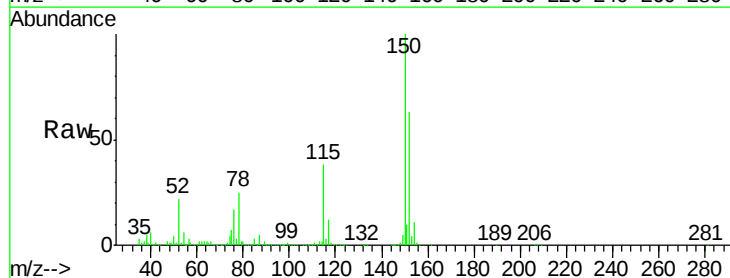
Tgt Ion:152 Resp: 200000

Ion Ratio Lower Upper

152 100

115 57.7 28.6 85.8

150 154.5 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

