

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020719\
 Data File : VW008556.D
 Acq On : 07 Feb 2019 16:49
 Operator : SY/VA
 Sample : K1390-06
 Misc : 4.45G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05(0-2)

Quant Time: Feb 08 23:22:09 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

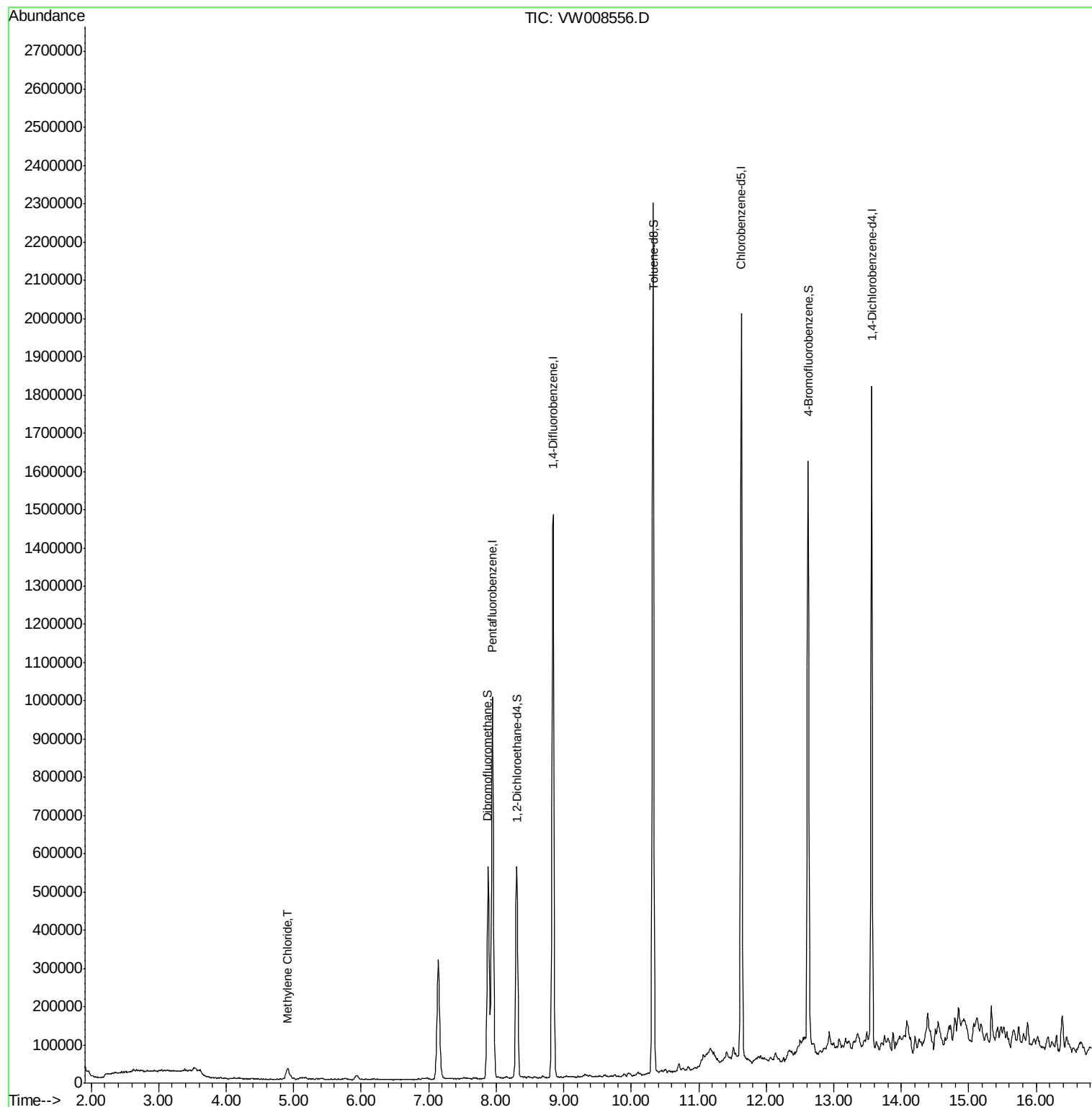
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	733269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1220932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1051777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	429089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	443362	61.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.10%	
35) Dibromofluoromethane	7.88	113	387842	54.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.66%	
50) Toluene-d8	10.32	98	1464269	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.62	95	513290	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						
20) Methylene Chloride	4.90	84	22964	3.080	ug/l #	Qvalue 85

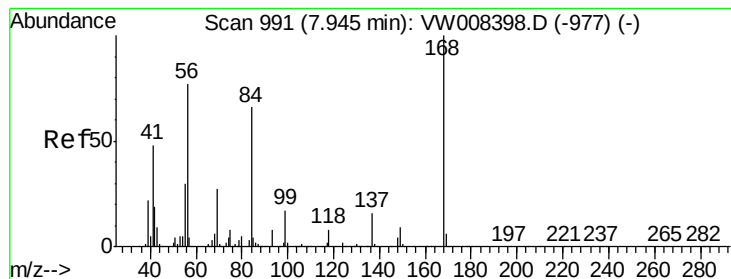
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008556.D

Acq: 07 Feb 2019 16:49

Instrument :

MSVOA_W

ClientSampleId :

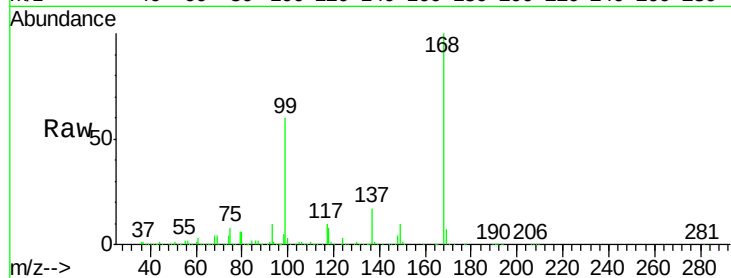
SB-05(0-2)

Tot Ion:168 Resp: 733269

Ion Ratio Lower Upper

168 100

99 60.3 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

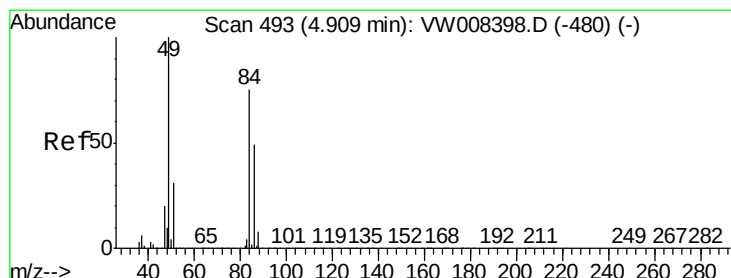
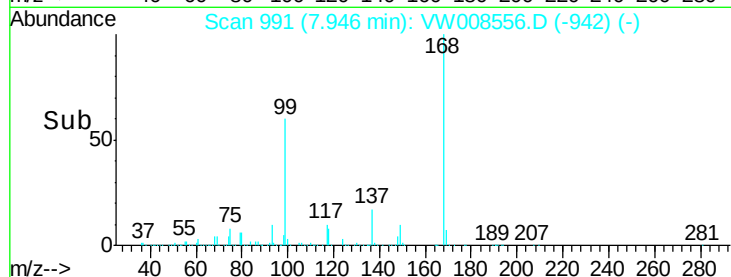
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 3.080 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW008556.D

Acq: 07 Feb 2019 16:49

Tgt Ion: 84 Resp: 22964

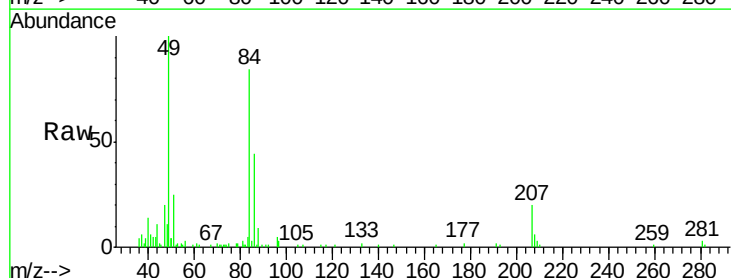
Ion Ratio Lower Upper

84 100

49 118.6 106.8 160.2

51 28.9 32.9 49.3#

86 52.8 52.2 78.2



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

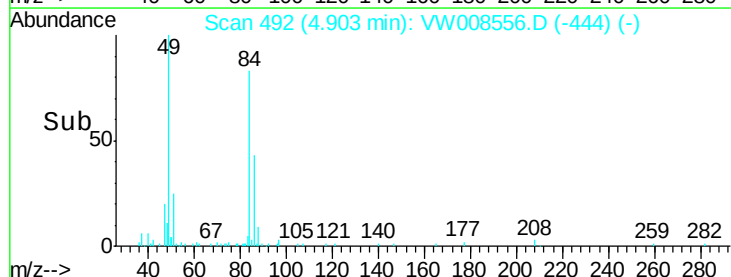
4.90

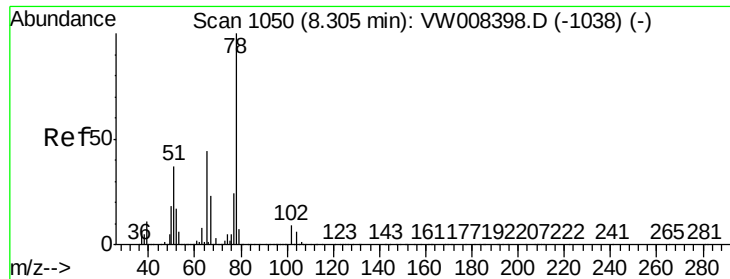
10000

5000

0

Time--> 4.80 4.90 5.00 5.10

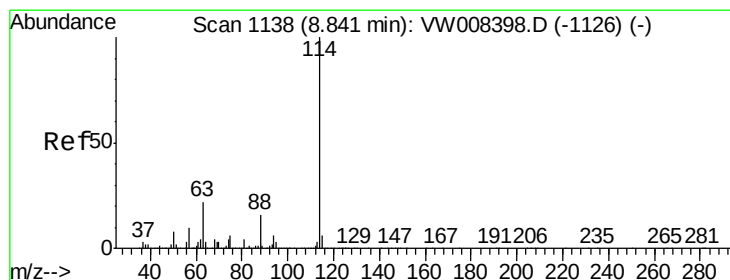
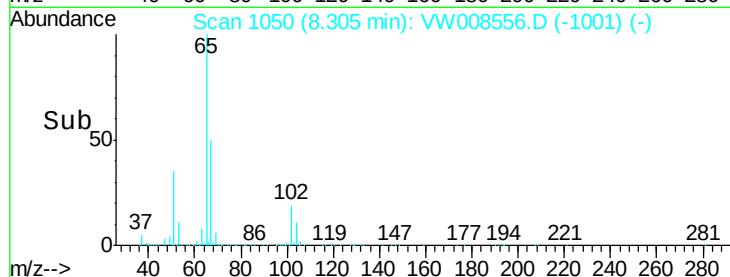
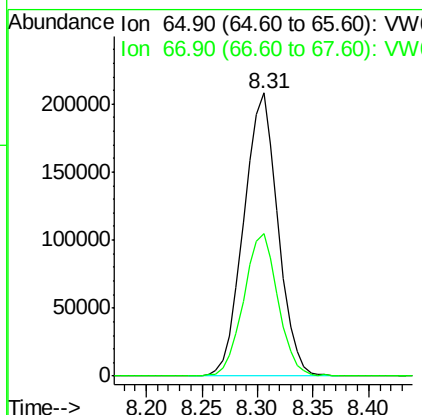
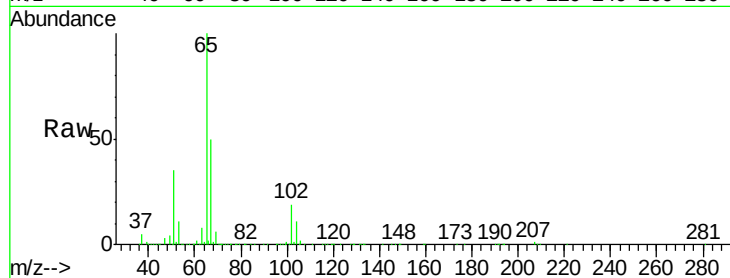




#33
 1,2-Dichloroethane-d4
 Concen: 61.547 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008556.D
 Acq: 07 Feb 2019 16:49

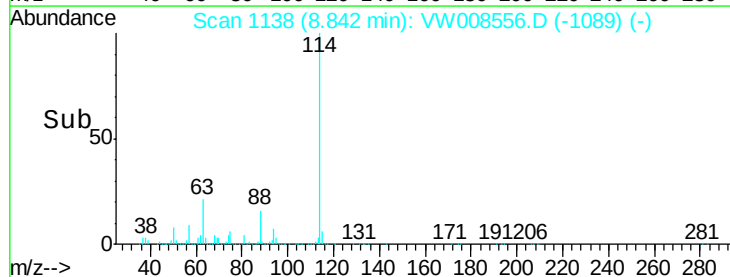
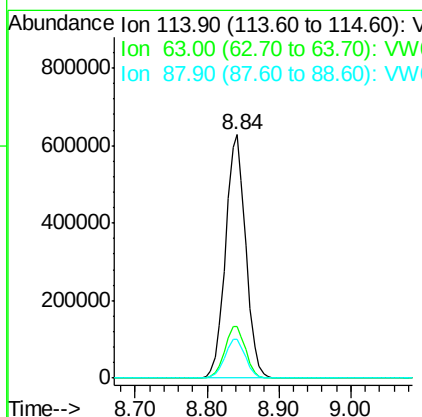
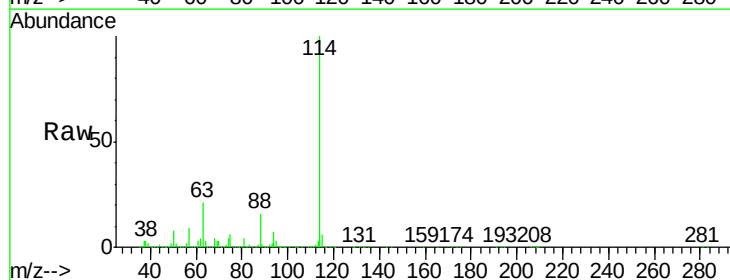
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05(0-2)

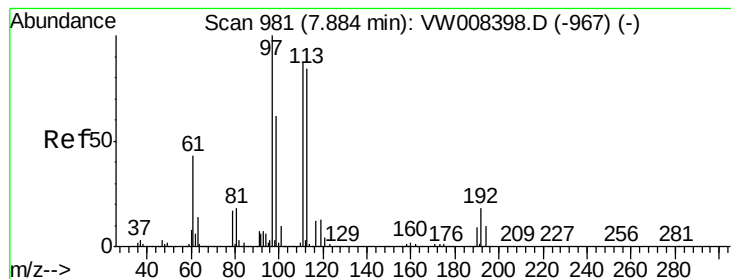
Tot Ion: 65 Resp: 443362
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008556.D
 Acq: 07 Feb 2019 16:49

Tgt Ion: 114 Resp: 1220932
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.6
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 54.326 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008556.D

Acq: 07 Feb 2019 16:49

Instrument :

MSVOA_W

ClientSampleId :

SB-05(0-2)

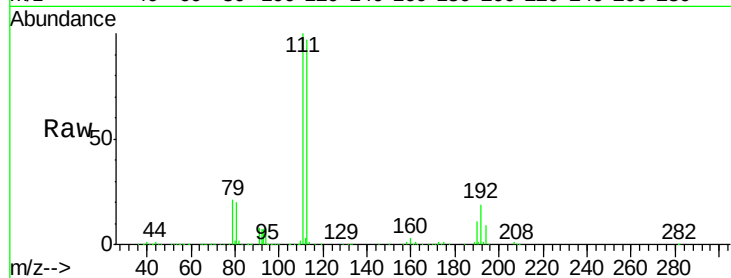
Tot Ion:113 Resp: 387842

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

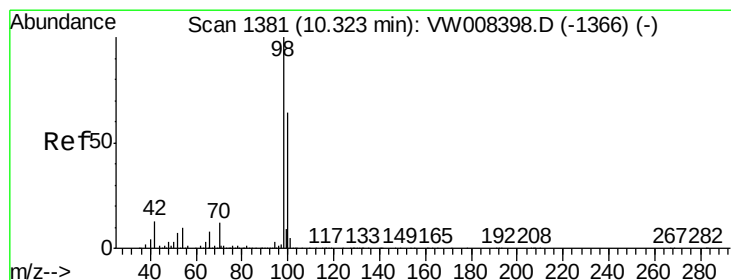
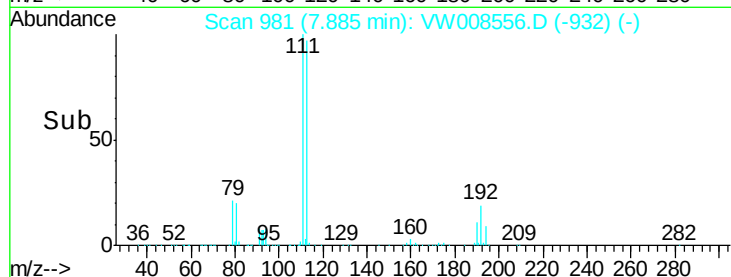
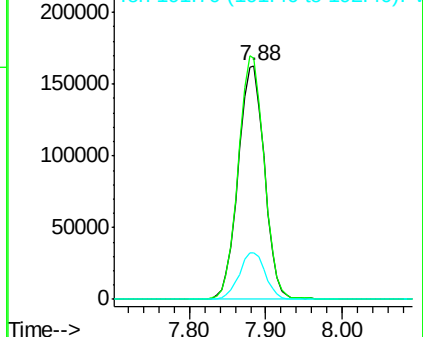
192 19.9 16.8 25.2



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: 51.147 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008556.D

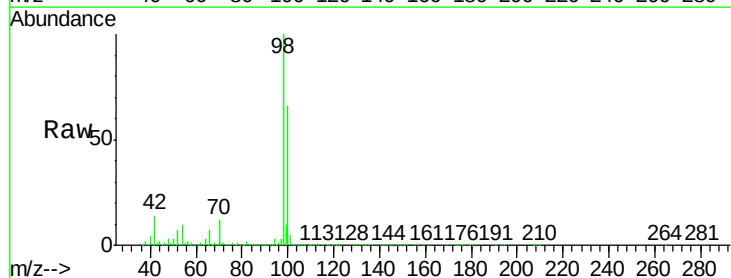
Acq: 07 Feb 2019 16:49

Tgt Ion: 98 Resp: 1464269

Ion Ratio Lower Upper

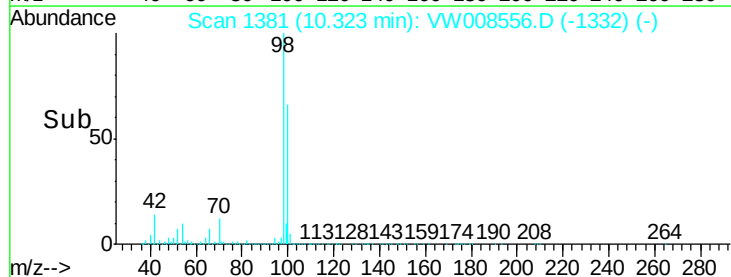
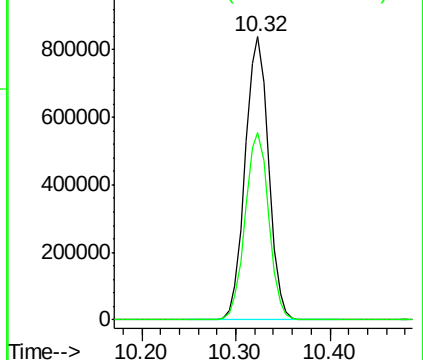
98 100

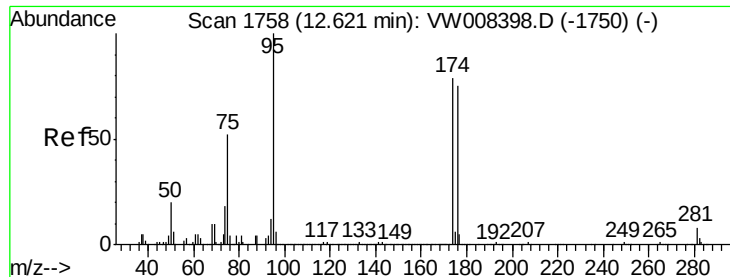
100 66.3 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.644 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008556.D

Acq: 07 Feb 2019 16:49

Instrument :

MSVOA_W

ClientSampleId :

SB-05(0-2)

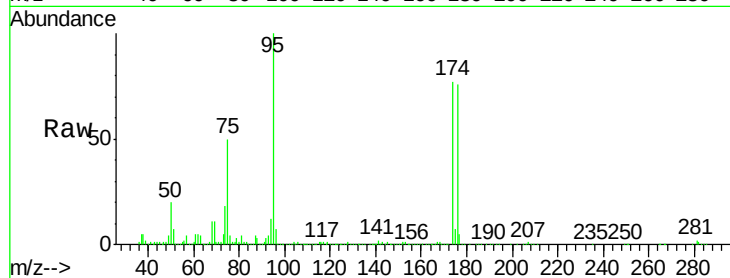
Tot Ion: 95 Resp: 513290

Ion Ratio Lower Upper

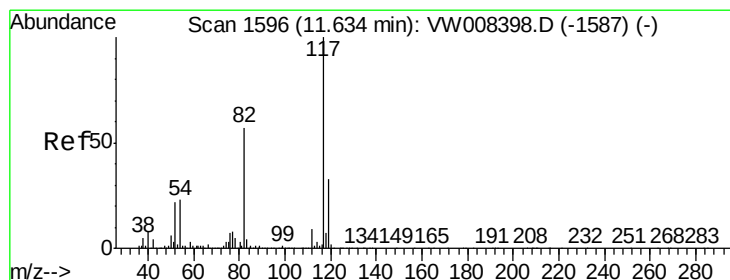
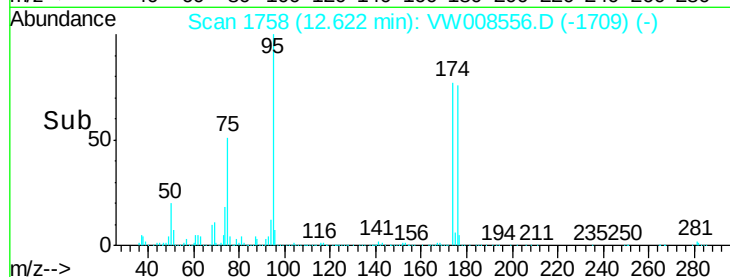
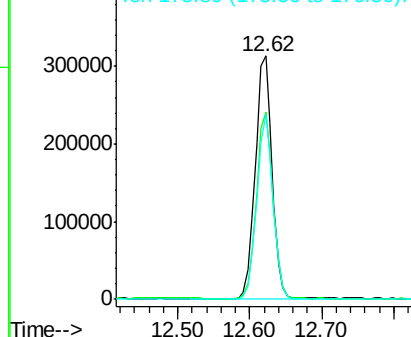
95 100

174 75.1 0.0 157.6

176 72.5 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008556.D

Acq: 07 Feb 2019 16:49

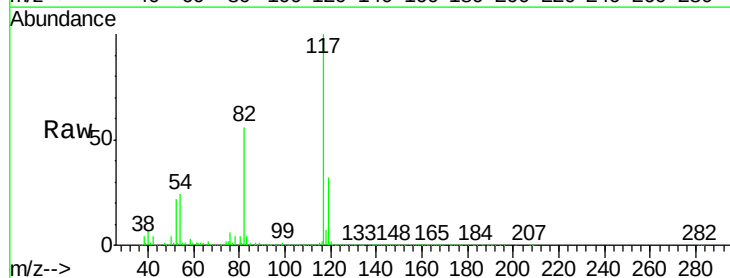
Tgt Ion: 117 Resp: 1051777

Ion Ratio Lower Upper

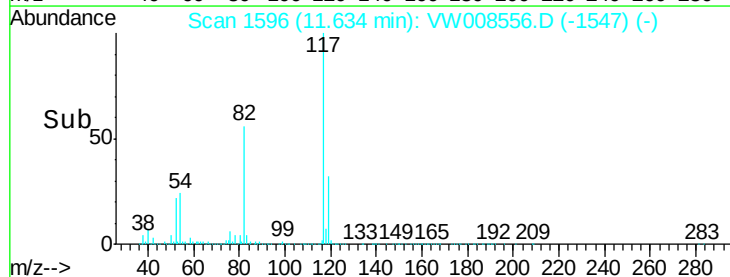
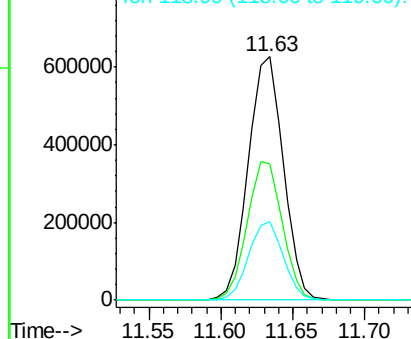
117 100

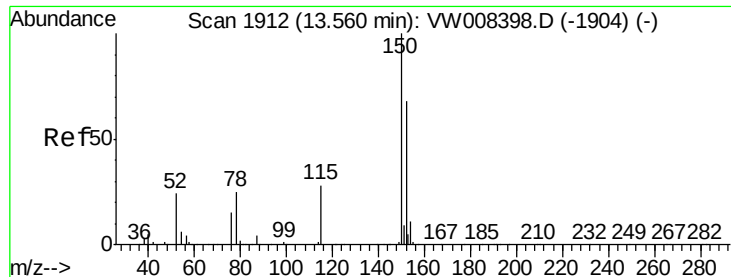
82 55.6 45.4 68.0

119 32.0 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008556.D

Acq: 07 Feb 2019 16:49

Instrument :

MSVOA_W

ClientSampleId :

SB-05(0-2)

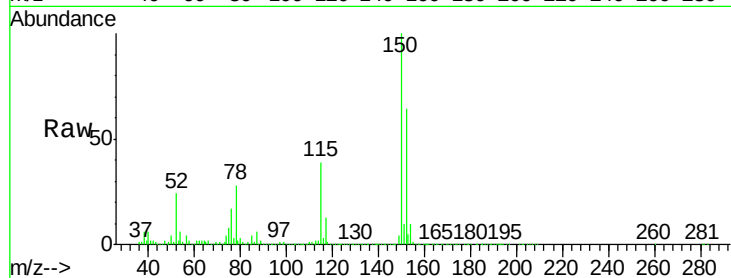
Tot Ion:152 Resp: 429089

Ion Ratio Lower Upper

152 100

115 60.2 29.9 89.7

150 157.8 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

