

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012119\
 Data File : VW008380.D
 Acq On : 21 Jan 2019 17:27
 Operator : SY/VA
 Sample : K1210-01
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-1495

Quant Time: Jan 22 04:40:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

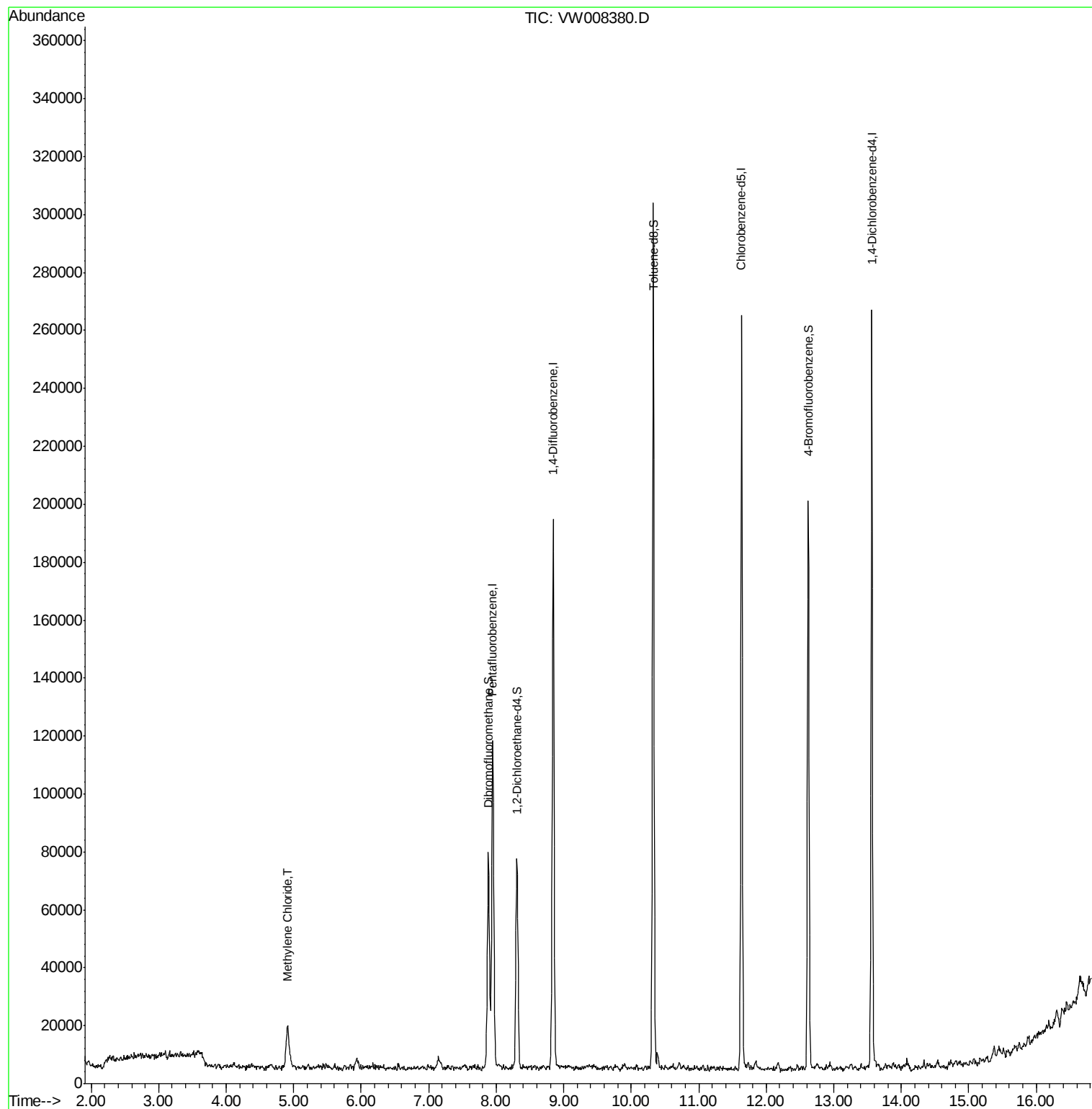
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	79107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	151697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	140876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	55379	67.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.60%	
35) Dibromofluoromethane	7.88	113	51334	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
50) Toluene-d8	10.32	98	198021	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.62	95	62631	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
Target Compounds						
20) Methylene Chloride	4.92	84	10859	9.362	ug/l	Qvalue 88

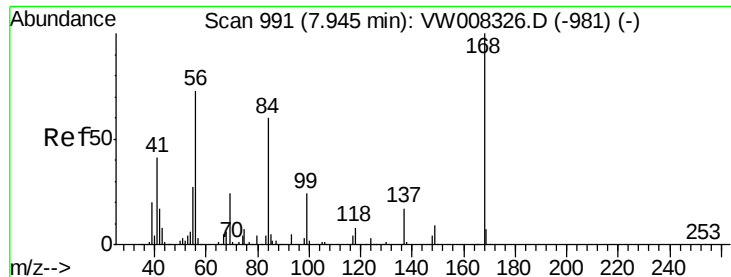
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008380.D

Acq: 21 Jan 2019 17:27

Instrument :

MSVOA_W

ClientSampleId :

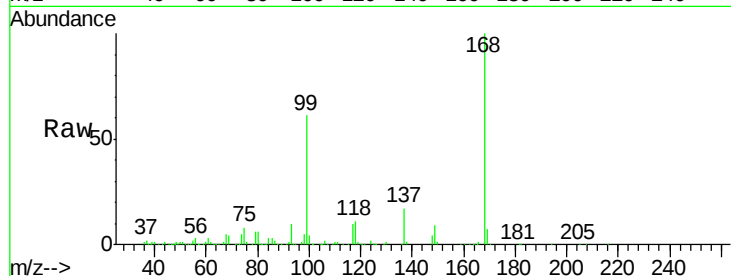
RT-1495

Tot Ion:168 Resp: 79107

Ion Ratio Lower Upper

168 100

99 61.3 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

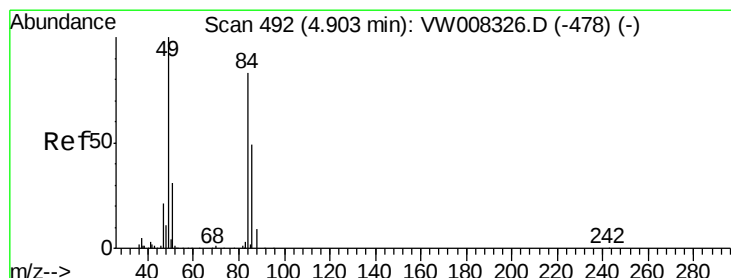
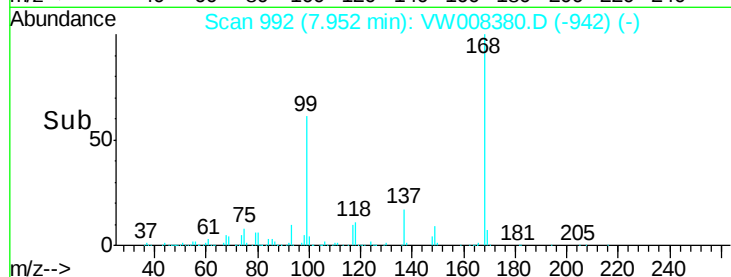
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#20

Methylene Chloride

Concen: 9.362 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW008380.D

Acq: 21 Jan 2019 17:27

Tgt Ion: 84 Resp: 10859

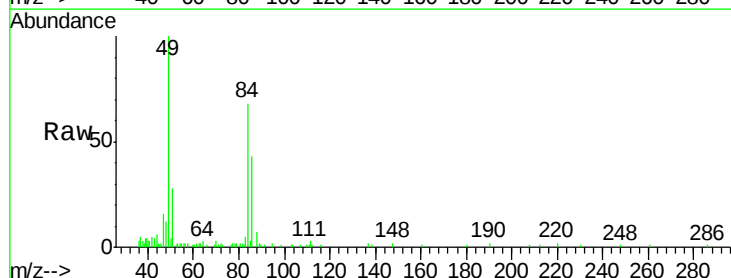
Ion Ratio Lower Upper

84 100

49 143.2 95.9 143.9

51 37.1 29.3 43.9

86 60.7 47.4 71.2



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

6000

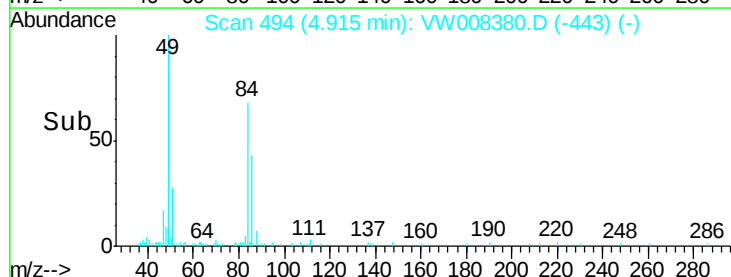
4000

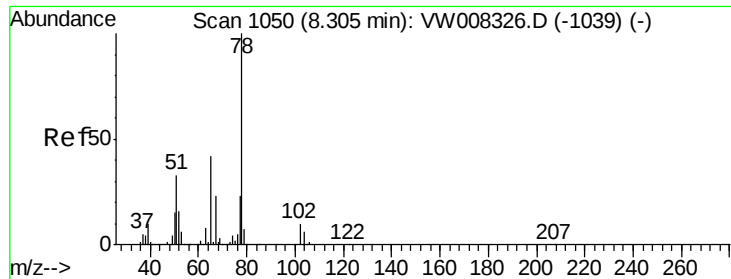
2000

0

4.80 4.90 5.00

Time-->

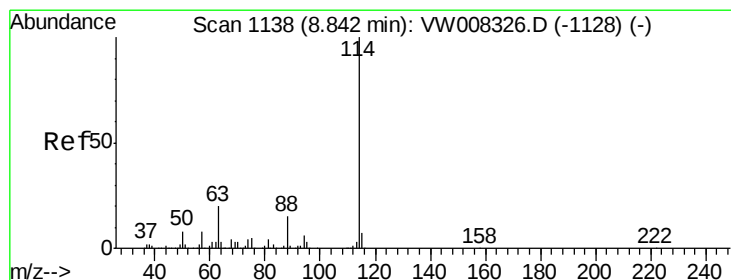
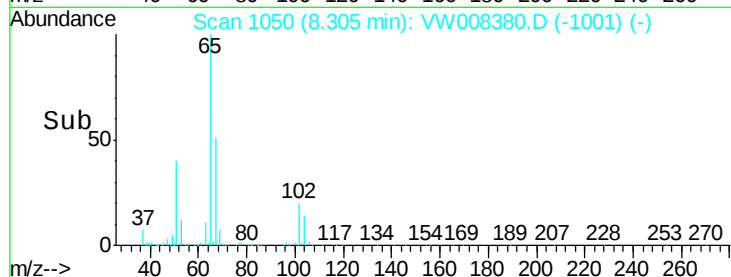
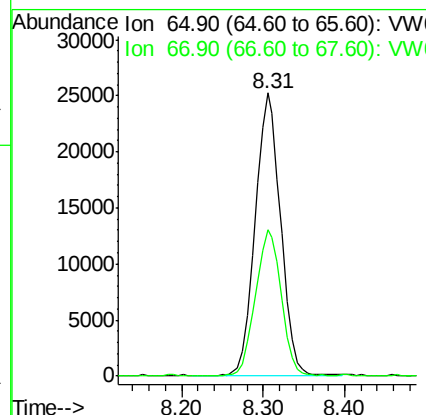
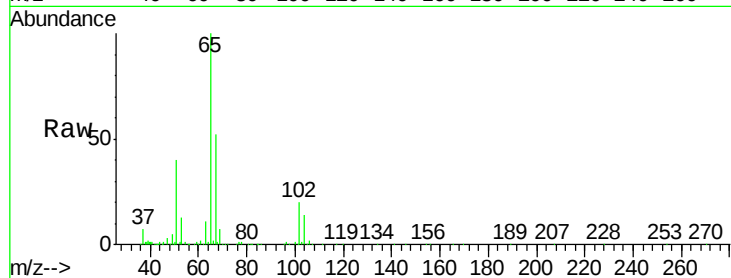




#33
 1,2-Dichloroethane-d4
 Concen: 67.298 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008380.D
 Acq: 21 Jan 2019 17:27

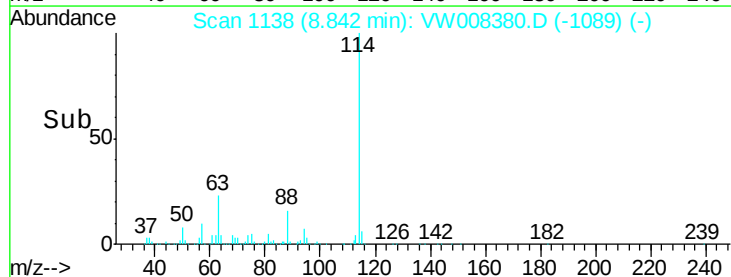
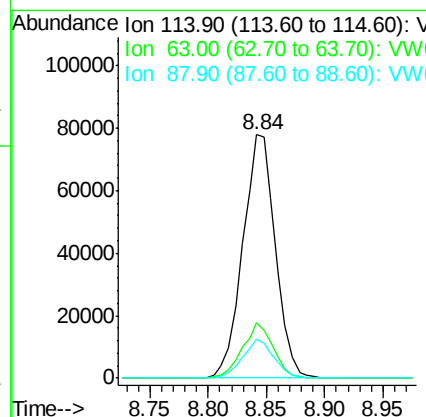
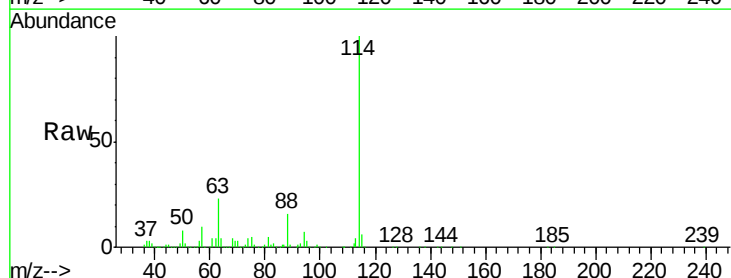
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-1495

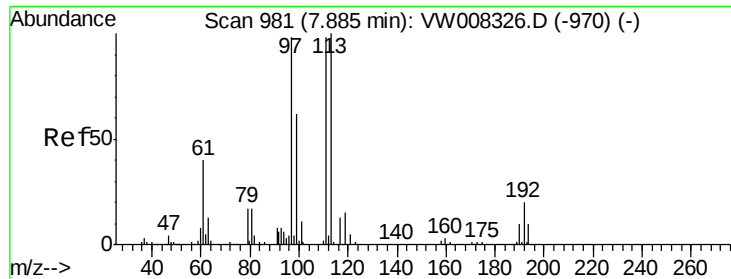
Tot Ion: 65 Resp: 55379
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008380.D
 Acq: 21 Jan 2019 17:27

Tgt Ion: 114 Resp: 151697
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 40.8
 88 16.0 0.0 30.4

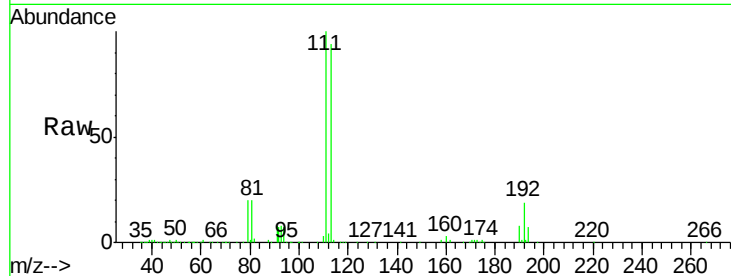




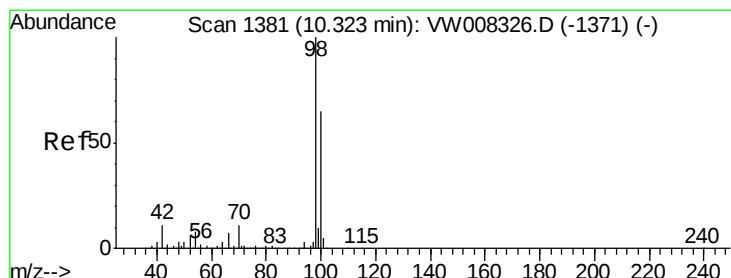
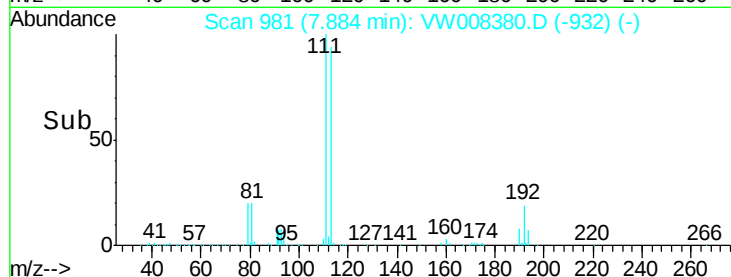
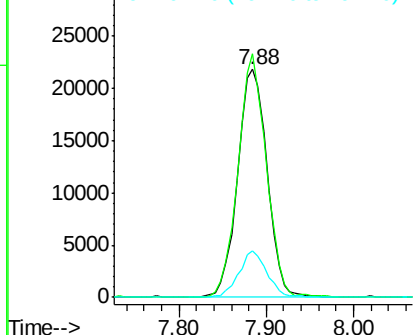
#35
 Dibromofluoromethane
 Concen: 53.013 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008380.D
 Acq: 21 Jan 2019 17:27

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-1495

Tot Ion:113 Resp: 51334
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.8 122.8
 192 19.3 16.3 24.5

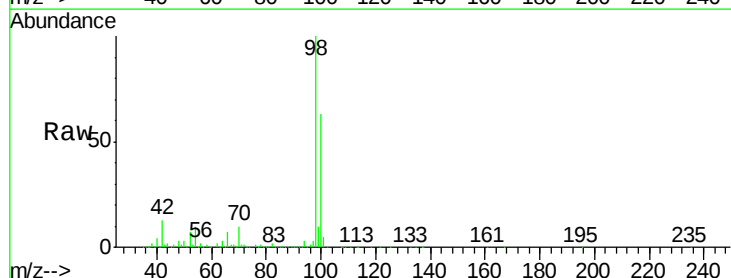


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

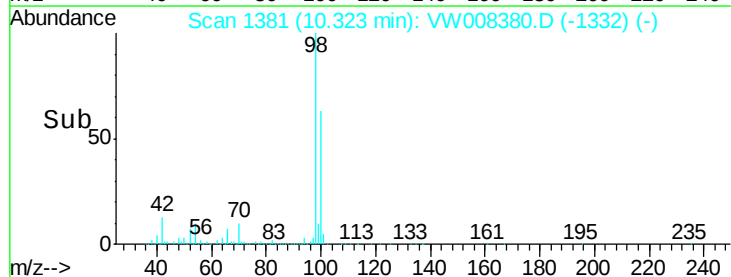
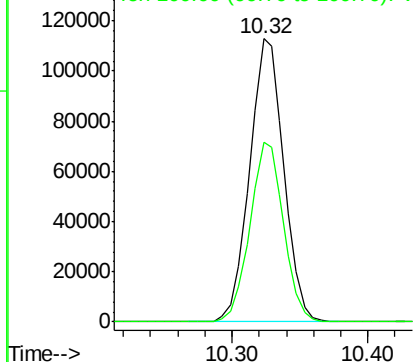


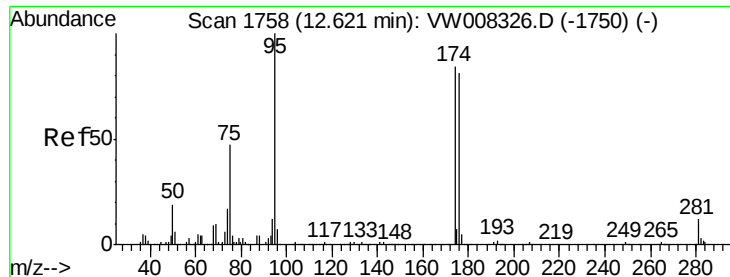
#50
 Toluene-d8
 Concen: 52.054 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008380.D
 Acq: 21 Jan 2019 17:27

Tgt Ion: 98 Resp: 198021
 Ion Ratio Lower Upper
 98 100
 100 62.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 45.905 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008380.D

Acq: 21 Jan 2019 17:27

Instrument :

MSVOA_W

ClientSampled :

RT-1495

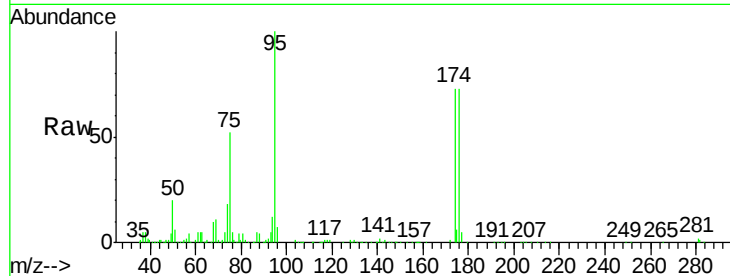
Tot Ion: 95 Resp: 62631

Ion Ratio Lower Upper

95 100

174 74.4 0.0 166.0

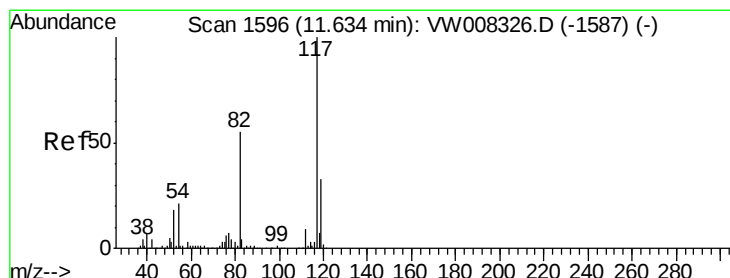
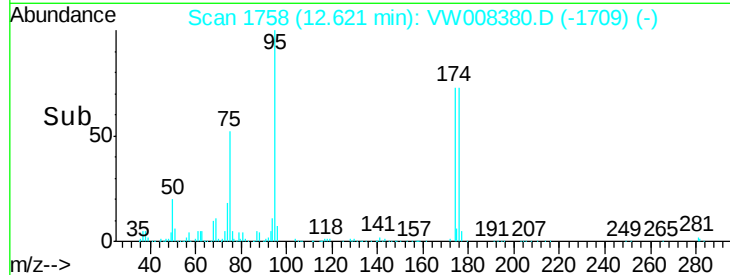
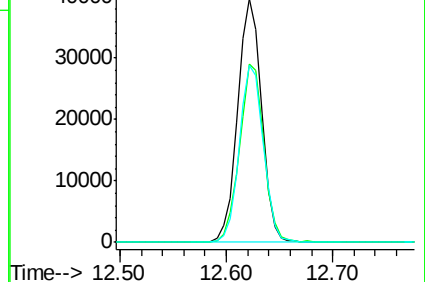
176 73.1 0.0 160.0



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: VW008380.D

Acq: 21 Jan 2019 17:27

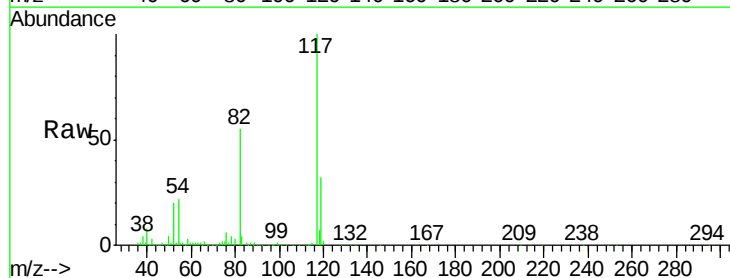
Tgt Ion: 117 Resp: 140876

Ion Ratio Lower Upper

117 100

82 54.8 44.3 66.5

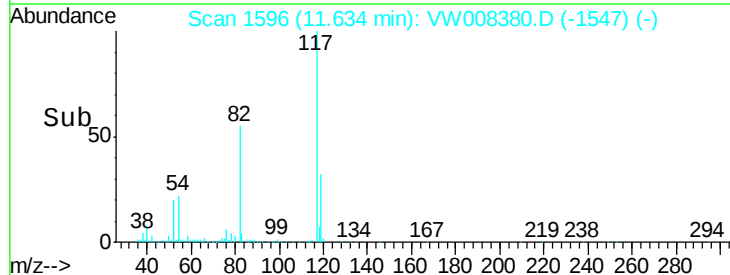
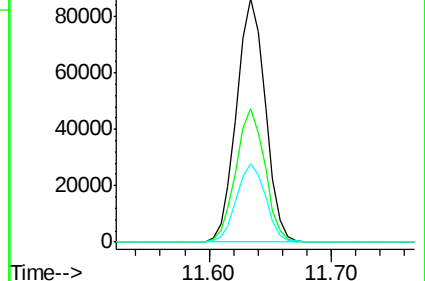
119 32.1 26.3 39.5

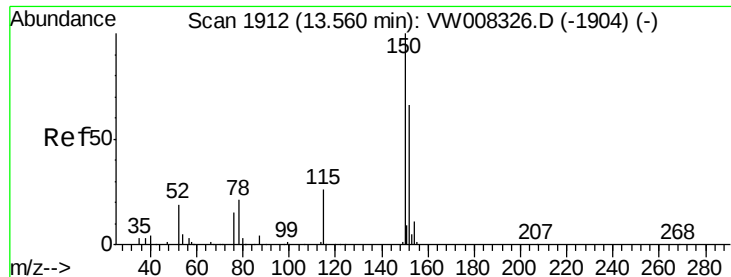


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008380.D

Acq: 21 Jan 2019 17:27

Instrument :

MSVOA_W

ClientSampleId :

RT-1495

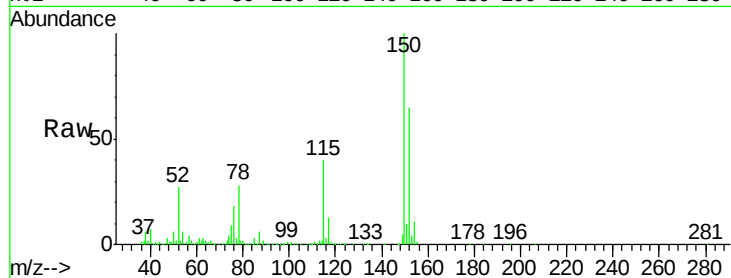
Tot Ion:152 Resp: 62964

Ion Ratio Lower Upper

152 100

115 61.2 28.8 86.4

150 158.0 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

