

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012677.D
 Acq On : 06 Sep 2019 07:48
 Operator : SY/VA
 Sample : K4581-06
 Misc : 3.13G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-C4-(0)

Quant Time: Sep 06 08:59:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

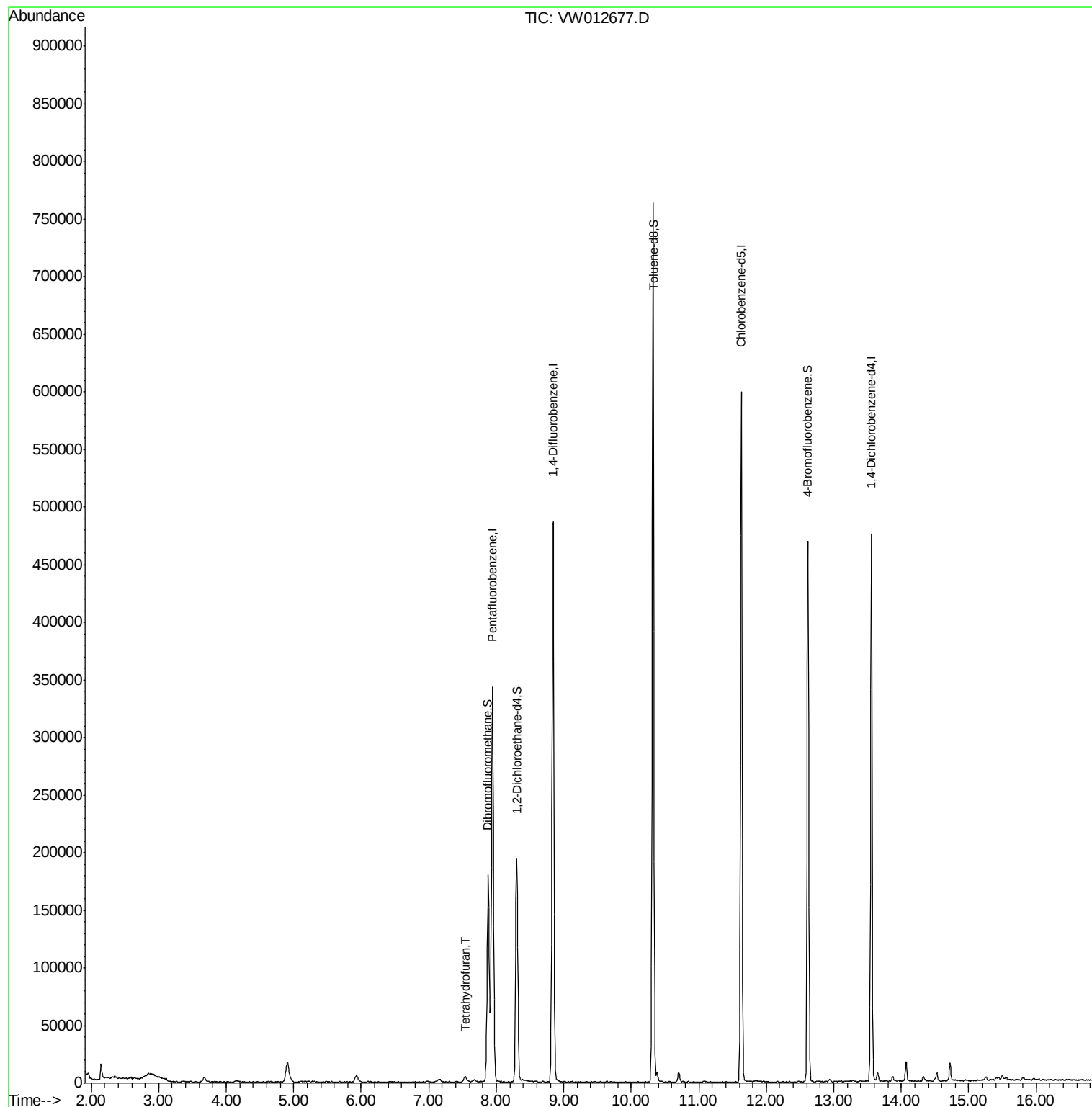
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	162225	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
35) Dibromofluoromethane	7.88	113	125544	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
50) Toluene-d8	10.32	98	480543	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.62	95	146001	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.56%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	4960	7.903	ug/l	Qvalue 96

(#) = 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. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

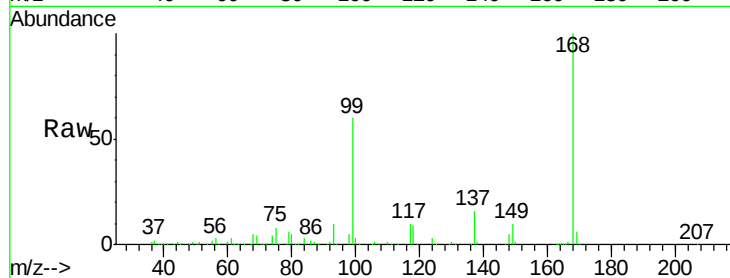
T12-C4-(0)

Tot Ion:168 Resp: 253340

Ion Ratio Lower Upper

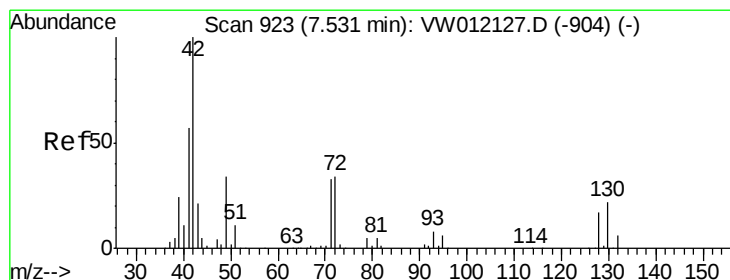
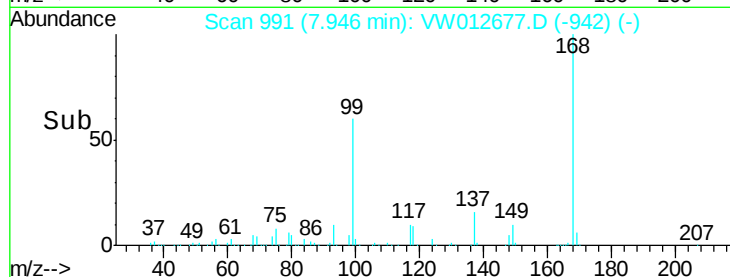
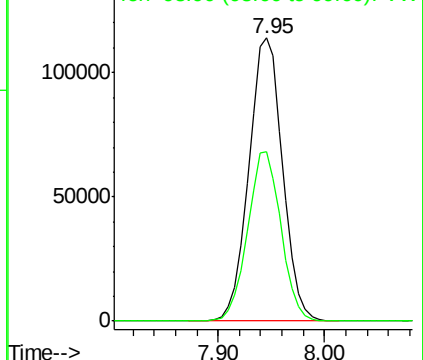
168 100

99 59.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#29

Tetrahydrofuran

Concen: 7.903 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012677.D

Acq: 06 Sep 2019 07:48

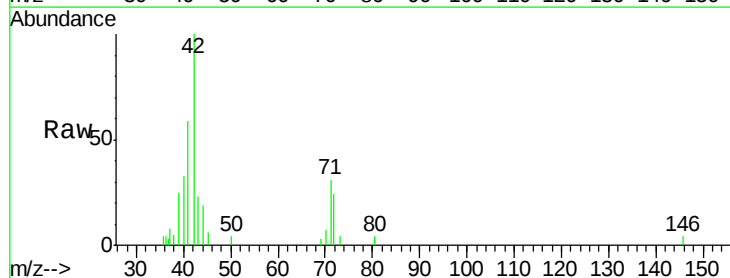
Tgt Ion: 42 Resp: 4960

Ion Ratio Lower Upper

42 100

72 29.7 27.3 40.9

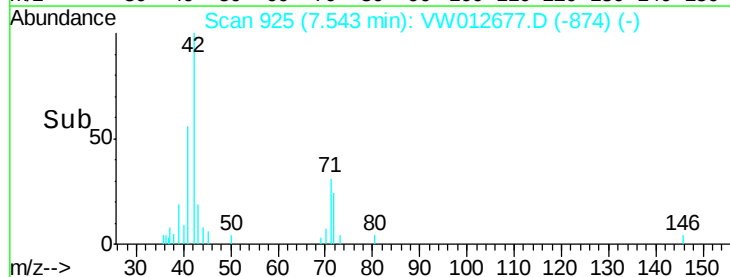
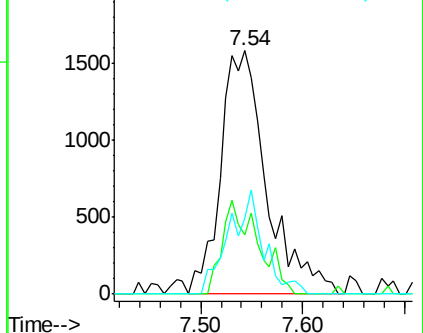
71 32.2 25.5 38.3

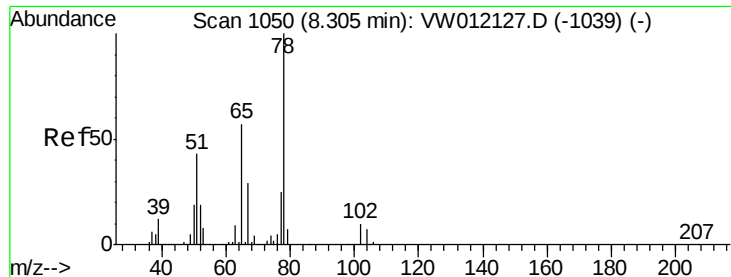


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 53.867 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012677.D

Acq: 06 Sep 2019 07:48

Instrument :

MSVOA_W

ClientSampleId :

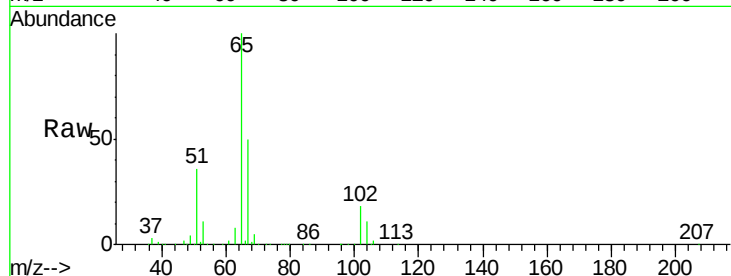
T12-C4-(0)

Tot Ion: 65 Resp: 162225

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

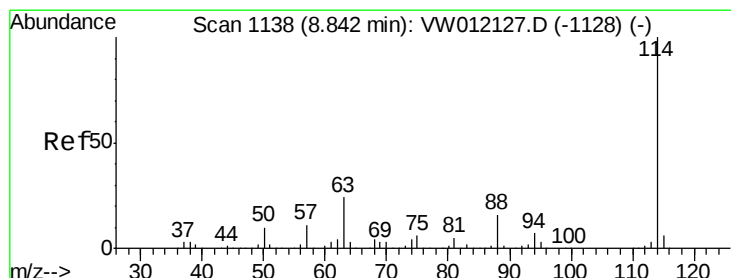
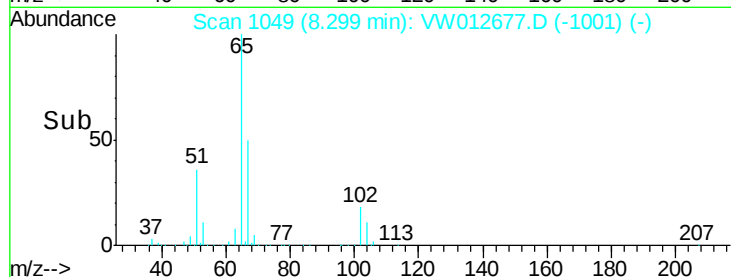
40000

20000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012677.D

Acq: 06 Sep 2019 07:48

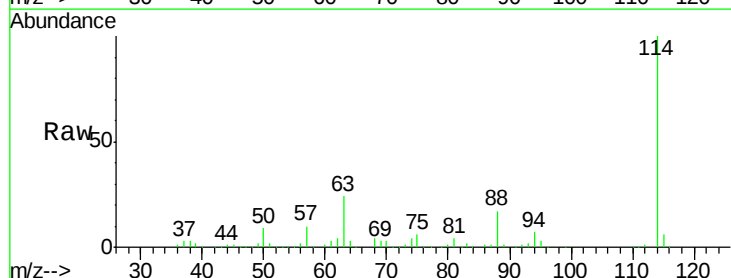
Tgt Ion: 114 Resp: 386492

Ion Ratio Lower Upper

114 100

63 23.6 0.0 48.6

88 17.2 0.0 32.2



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

250000

200000

150000

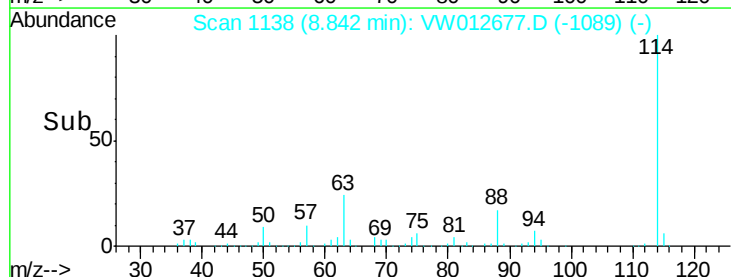
100000

50000

0

8.75 8.80 8.85 8.90 8.95

Time-->

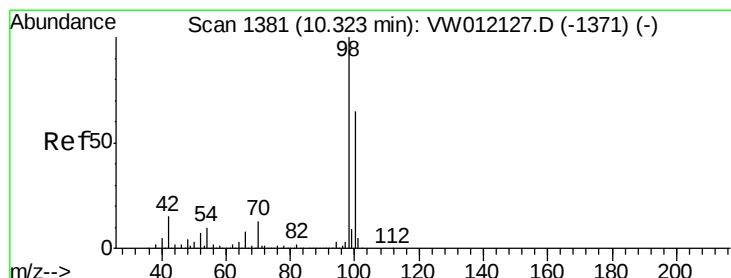
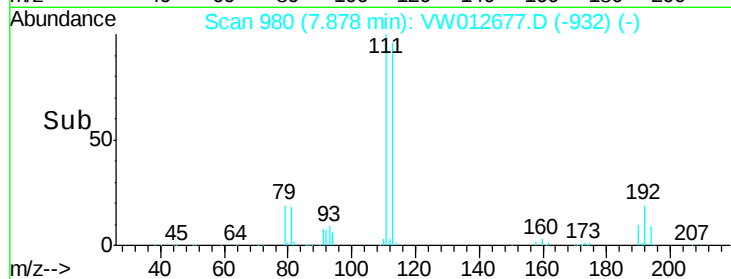
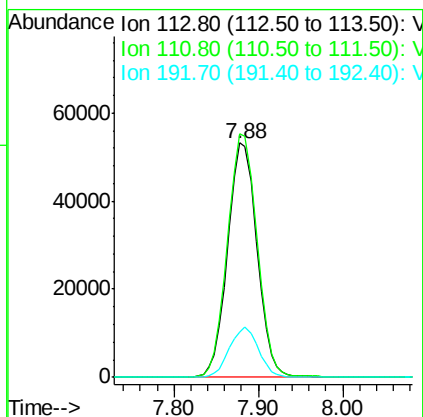
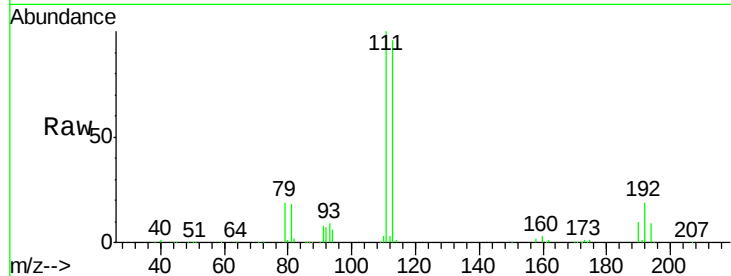




#35
 Dibromofluoromethane
 Concen: 54.419 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012677.D
 Acq: 06 Sep 2019 07:48

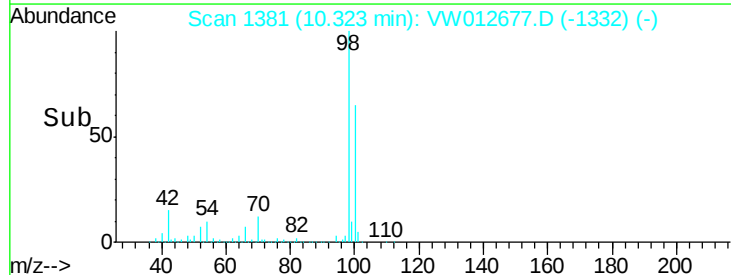
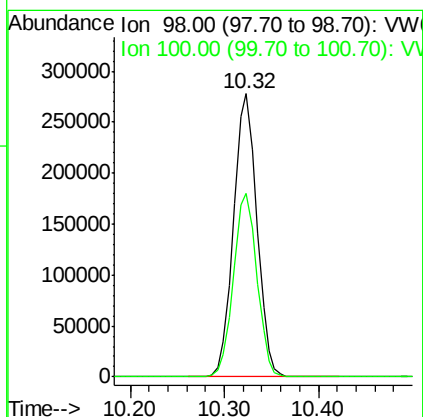
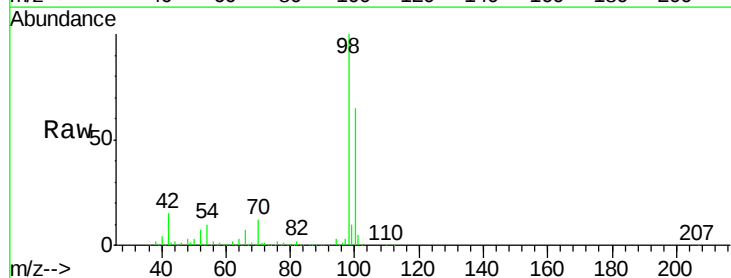
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-C4-(0)

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.7	124.1
192	20.9	16.2	24.2



#50
 Toluene-d8
 Concen: 51.372 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012677.D
 Acq: 06 Sep 2019 07:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 44.279 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012677.D

Acq: 06 Sep 2019 07:48

Instrument :

MSVOA_W

ClientSampleId :

T12-C4-(0)

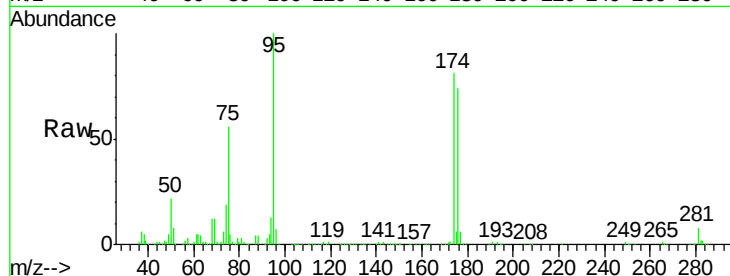
Tot Ion: 95 Resp: 146001

Ion Ratio Lower Upper

95 100

174 81.6 0.0 150.8

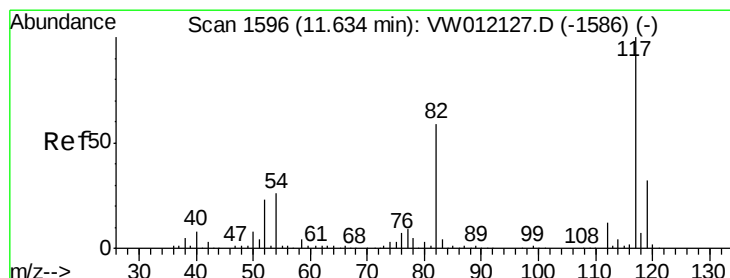
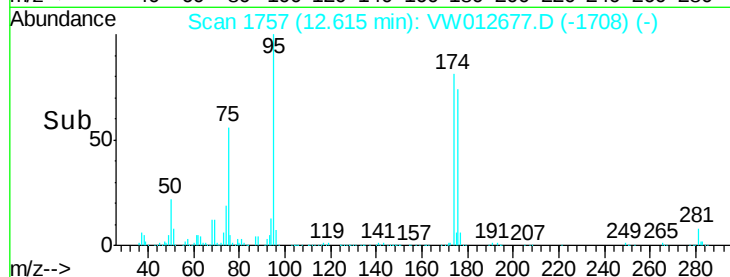
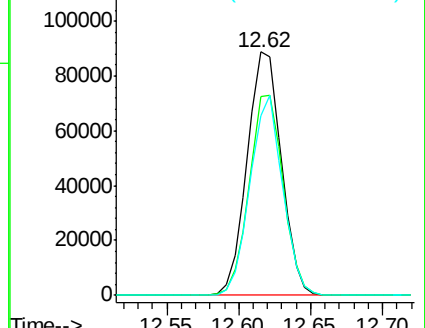
176 77.7 0.0 148.6



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: VW012677.D

Acq: 06 Sep 2019 07:48

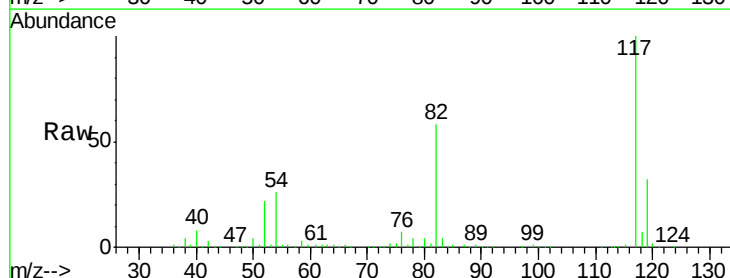
Tgt Ion: 117 Resp: 316170

Ion Ratio Lower Upper

117 100

82 57.9 47.4 71.2

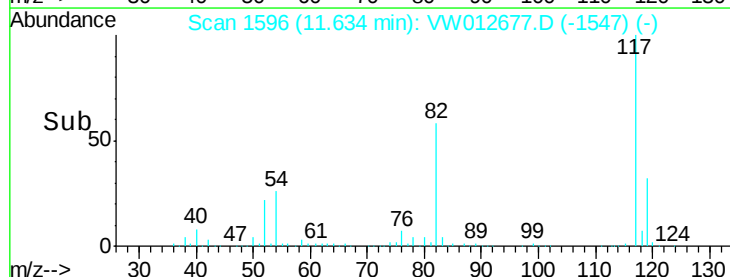
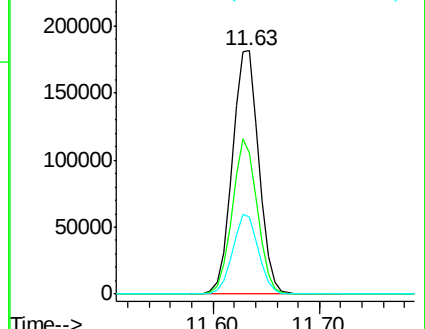
119 31.8 25.4 38.2

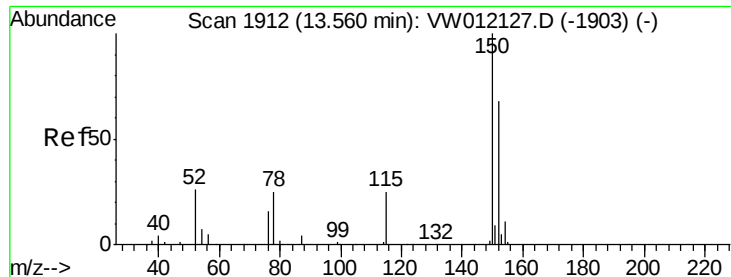


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012677.D

Acq: 06 Sep 2019 07:48

Instrument :

MSVOA_W

ClientSampleId :

T12-C4-(0)

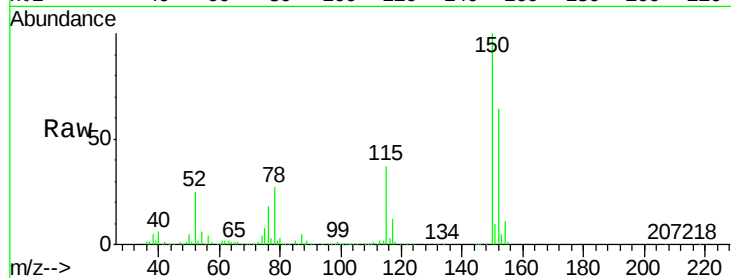
Tot Ion:152 Resp: 120021

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.3

150 155.8 0.0 345.8



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

