

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012182.D
 Acq On : 26 Aug 2019 20:23
 Operator : SY/VA
 Sample : K4475-02
 Misc : 6.11G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-E-(0)

Quant Time: Aug 27 05:56:48 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

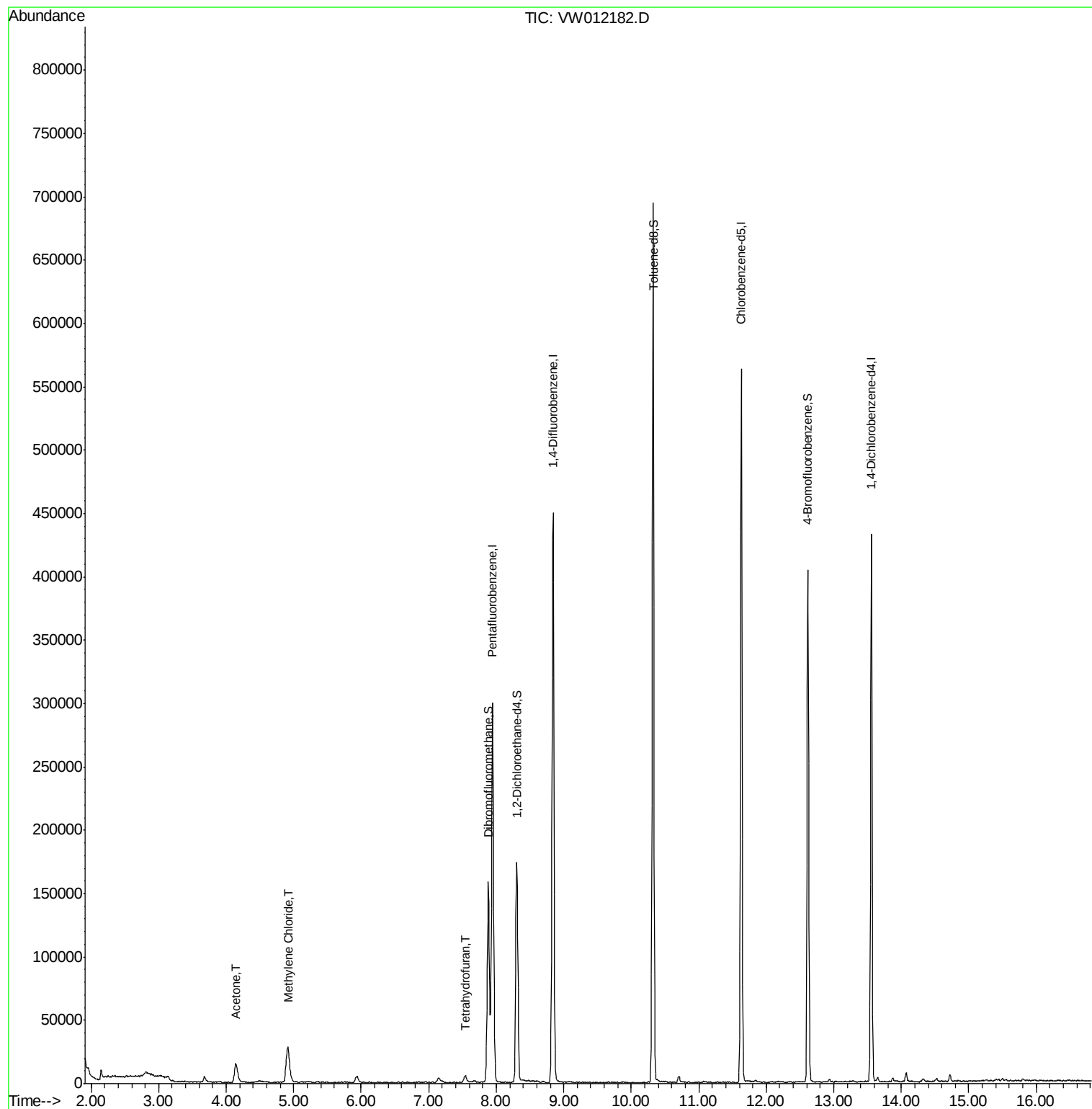
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	104316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	139495	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	
35) Dibromofluoromethane	7.88	113	111717	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
50) Toluene-d8	10.32	98	435994	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.62	95	128262	42.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.58%	
Target Compounds						
16) Acetone	4.14	43	31796	49.440	ug/l	99
20) Methylene Chloride	4.92	84	21919	9.015	ug/l	95
29) Tetrahydrofuran	7.54	42	5122	9.769	ug/l	96

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
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: VW012182.D

Acq: 26 Aug 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

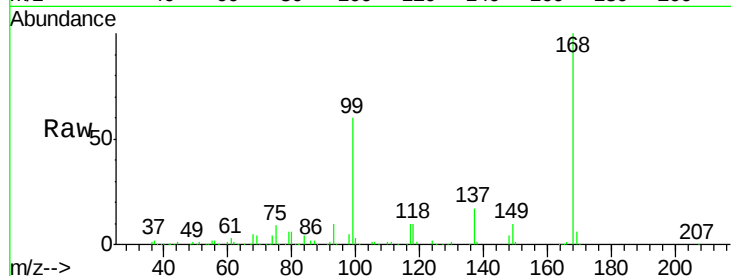
T1-2-E-(0)

Tot Ion:168 Resp: 211645

Ion Ratio Lower Upper

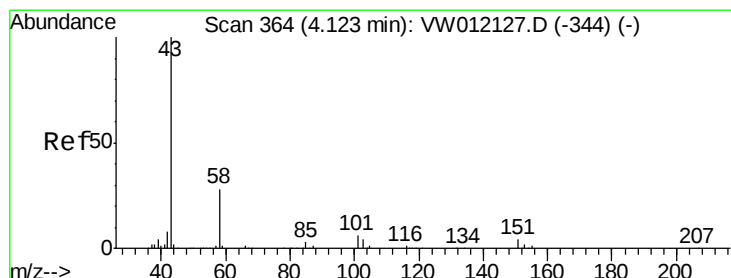
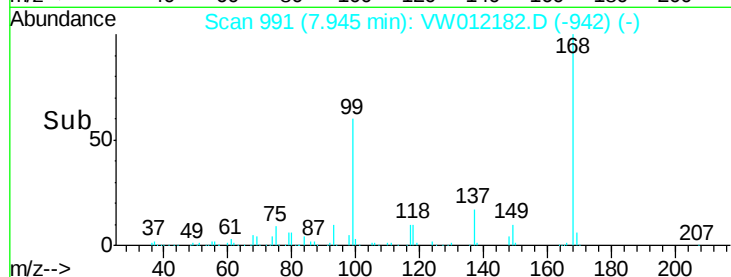
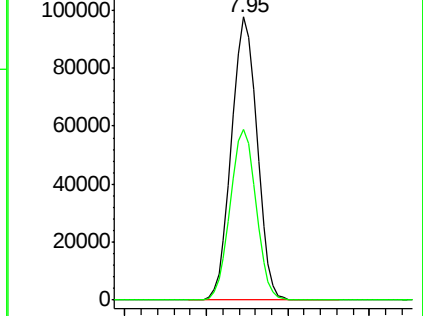
168 100

99 60.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 49.440 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012182.D

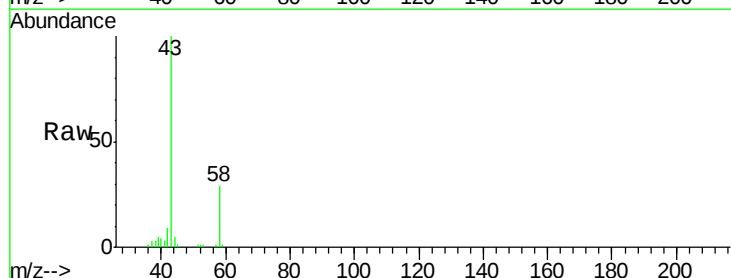
Acq: 26 Aug 2019 20:23

Tgt Ion: 43 Resp: 31796

Ion Ratio Lower Upper

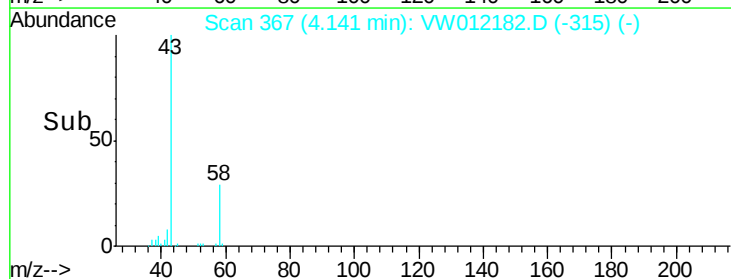
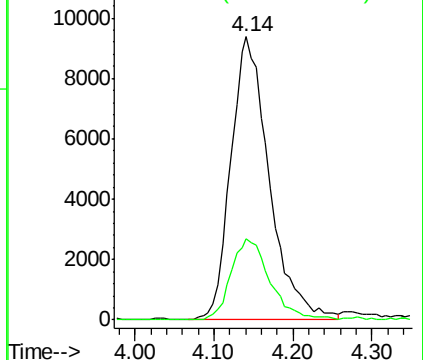
43 100

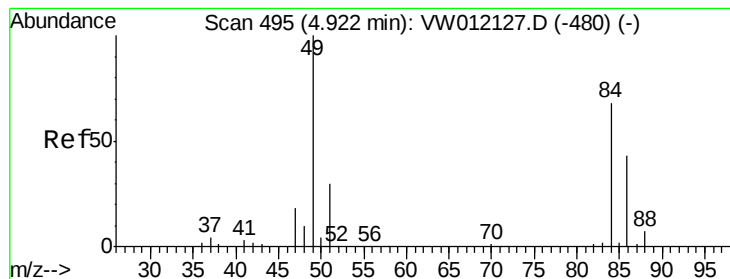
58 28.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: 9.015 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012182.D

Acq: 26 Aug 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

T1-2-E(0)

Tot Ion: 84 Resp: 21919

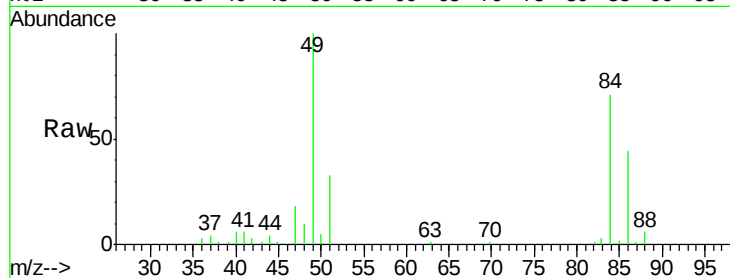
Ion Ratio Lower Upper

84 100

49 140.0 117.8 176.8

51 46.0 35.6 53.4

86 61.4 51.2 76.8

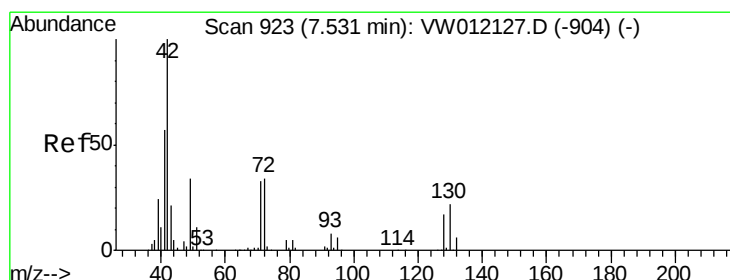
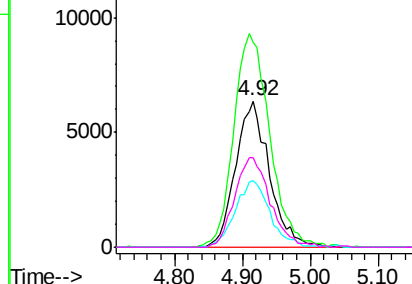
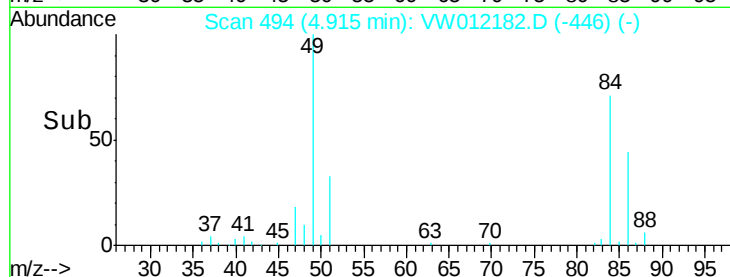


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#29

Tetrahydrofuran

Concen: 9.769 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012182.D

Acq: 26 Aug 2019 20:23

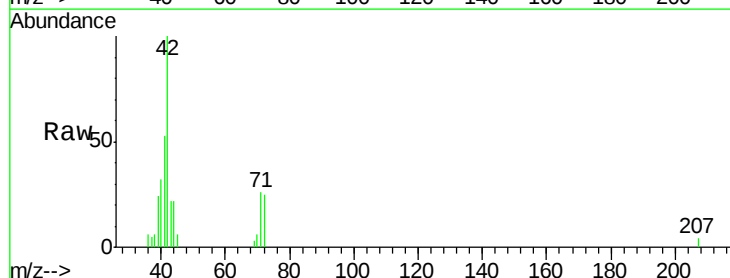
Tgt Ion: 42 Resp: 5122

Ion Ratio Lower Upper

42 100

72 31.7 27.3 40.9

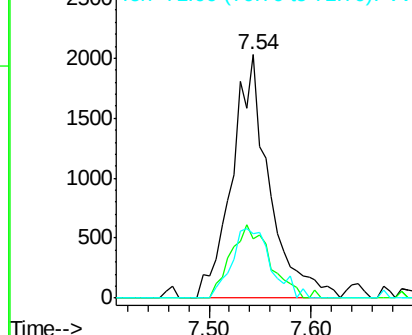
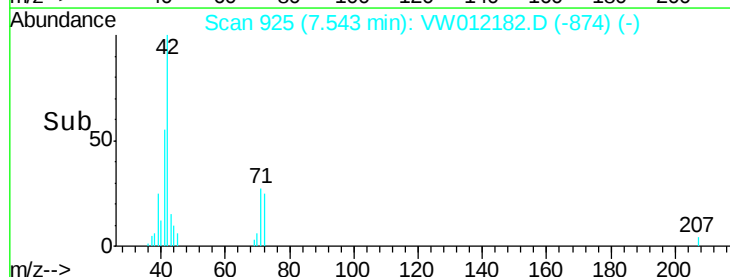
71 30.2 25.5 38.3

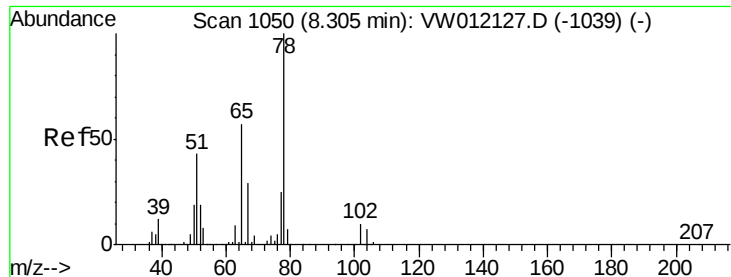


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

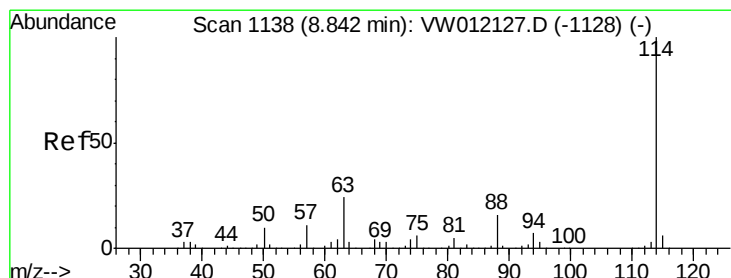
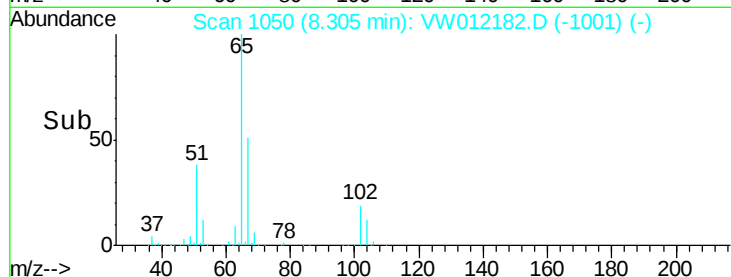
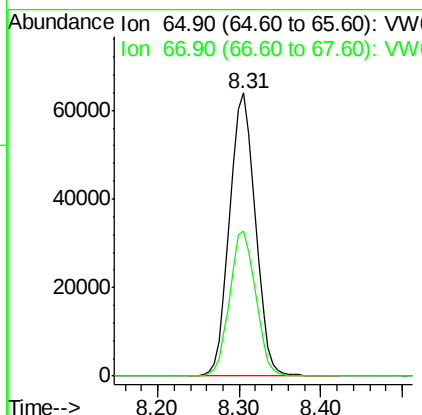
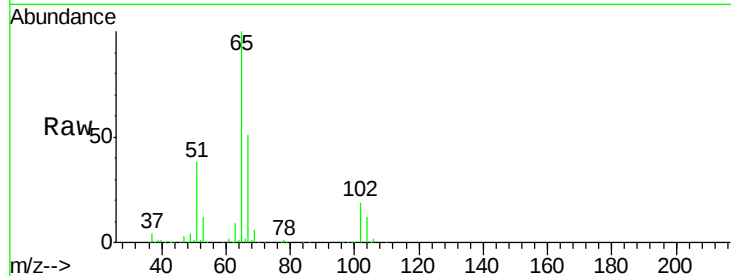




#33
 1,2-Dichloroethane-d4
 Concen: 55.444 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012182.D
 Acq: 26 Aug 2019 20:23

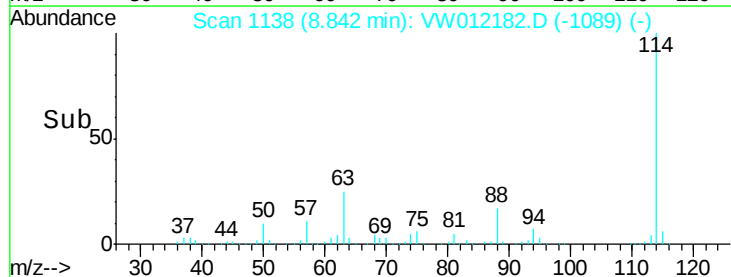
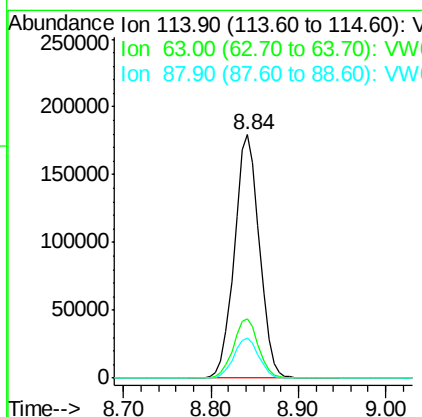
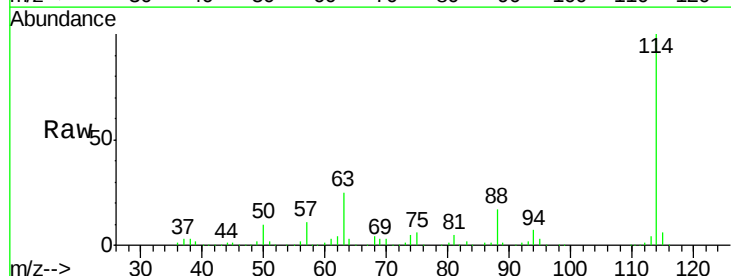
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-E-(0)

Tot Ion: 65 Resp: 139495
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012182.D
 Acq: 26 Aug 2019 20:23

Tgt Ion: 114 Resp: 355501
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.6
 88 16.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.647 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012182.D

Acq: 26 Aug 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

T1-2-E(0)

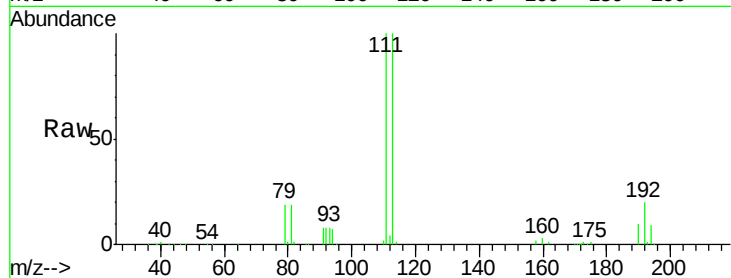
Tot Ion:113 Resp: 111717

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

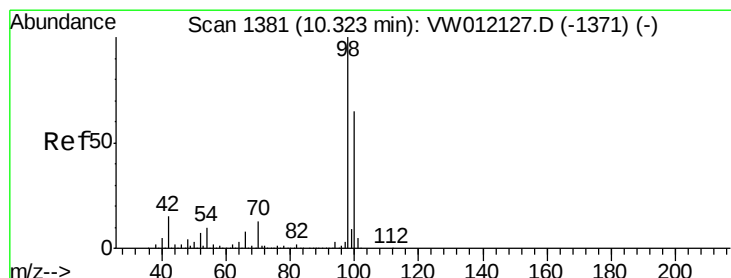
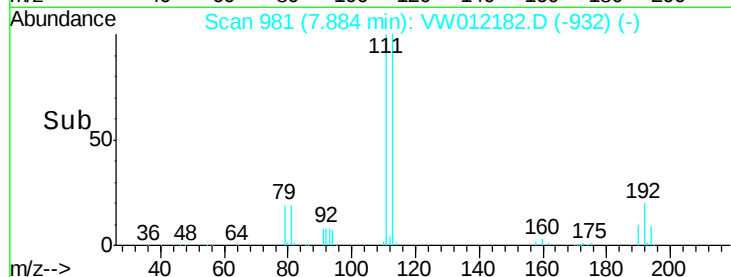
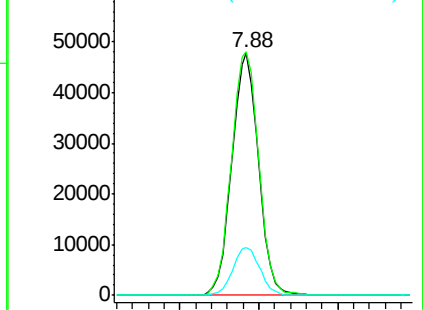
192 20.2 16.2 24.2



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: 50.673 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012182.D

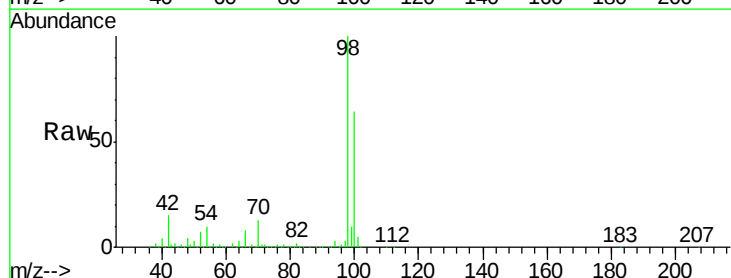
Acq: 26 Aug 2019 20:23

Tgt Ion: 98 Resp: 435994

Ion Ratio Lower Upper

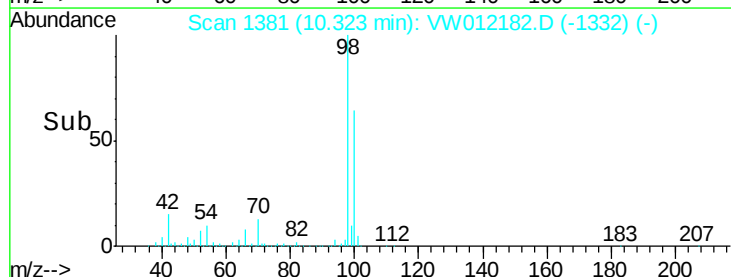
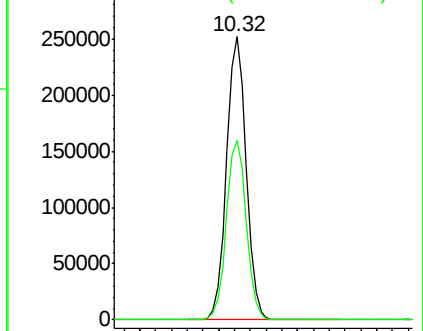
98 100

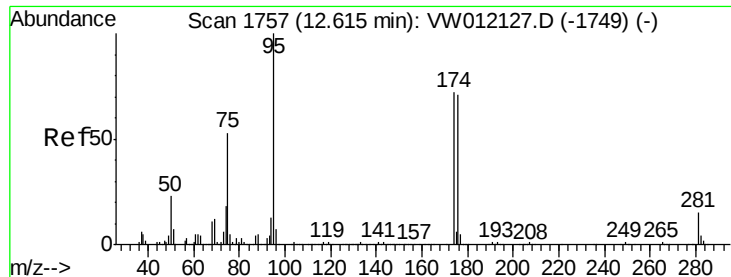
100 64.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.290 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012182.D

Acq: 26 Aug 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

T1-2-E(0)

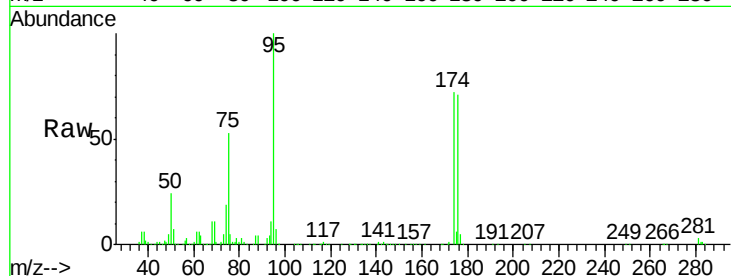
Tot Ion: 95 Resp: 128262

Ion Ratio Lower Upper

95 100

174 77.4 0.0 150.8

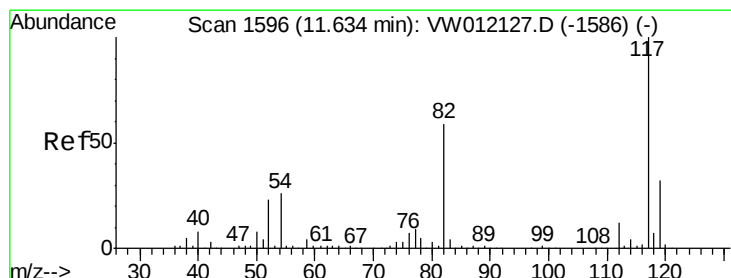
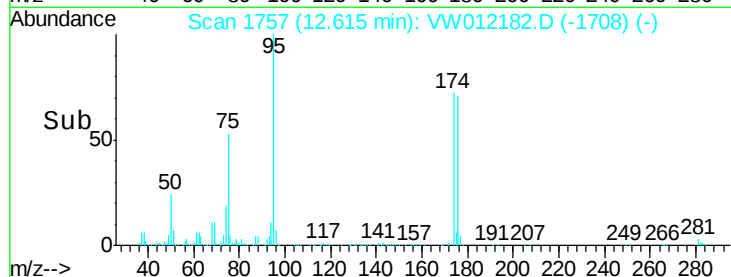
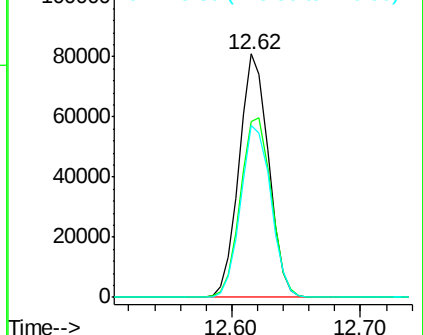
176 72.4 0.0 148.6



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# 1595

Delta R.T. -0.01 min

Lab File: VW012182.D

Acq: 26 Aug 2019 20:23

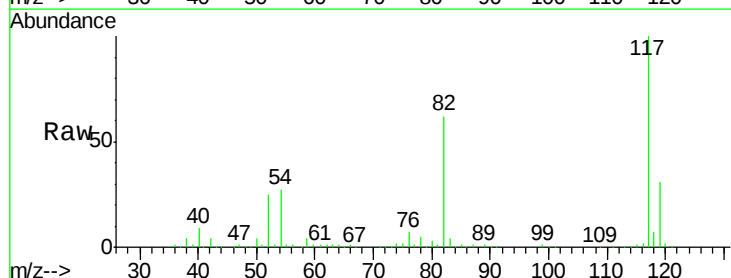
Tgt Ion: 117 Resp: 288904

Ion Ratio Lower Upper

117 100

82 61.6 47.4 71.2

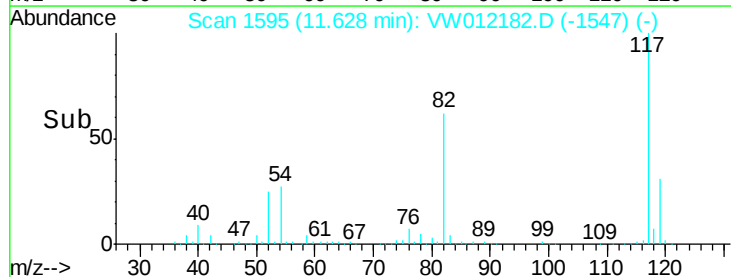
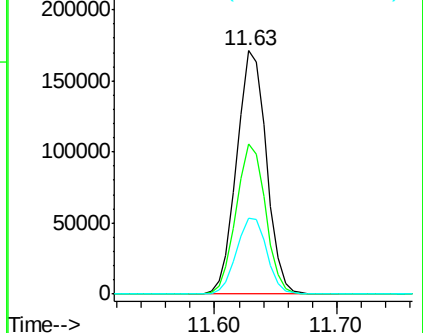
119 31.4 25.4 38.2

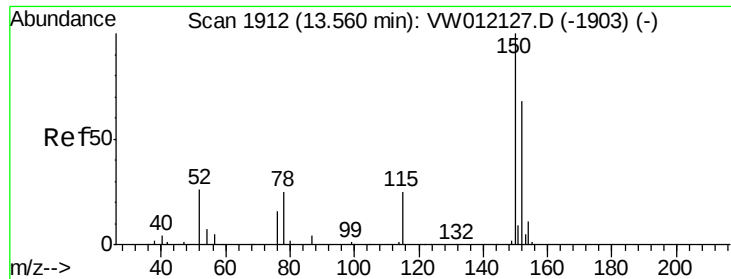


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012182.D

Acq: 26 Aug 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

T1-2-E-(0)

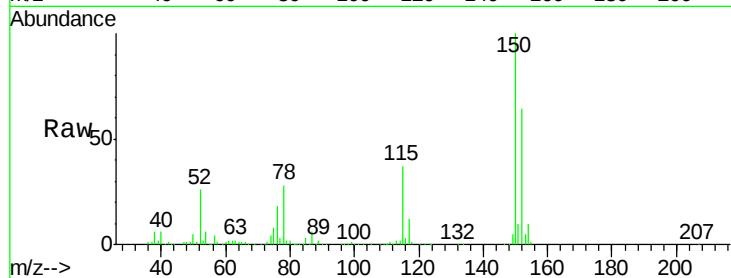
Tot Ion:152 Resp: 104316

Ion Ratio Lower Upper

152 100

115 61.7 30.1 90.3

150 158.1 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

