

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012093.D
 Acq On : 22 Aug 2019 01:29
 Operator : SY/VA
 Sample : K4403-17
 Misc : 4.74G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-J(0)

Quant Time: Aug 22 07:17:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

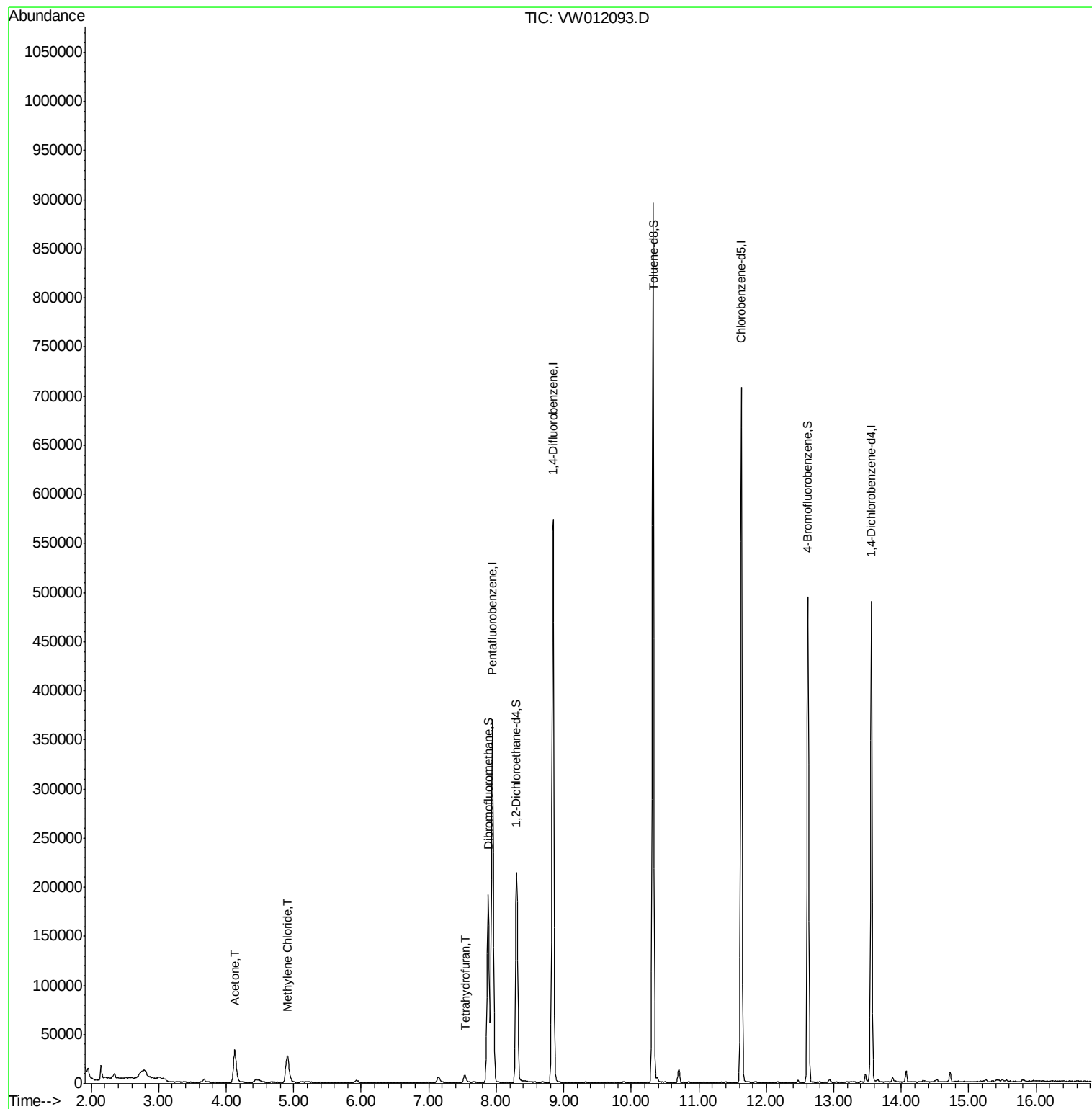
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	457749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	365588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	173543	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
35) Dibromofluoromethane	7.88	113	139367	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
50) Toluene-d8	10.32	98	558958	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.62	95	157533	42.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.04%	
Target Compounds						
16) Acetone	4.12	43	66838	67.310	ug/l	96
20) Methylene Chloride	4.91	84	20709	6.047	ug/l	96
29) Tetrahydrofuran	7.54	42	6743	9.079	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW012093.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA_W

ClientSampled :

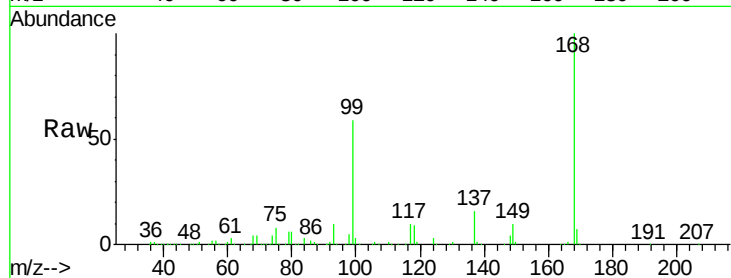
T1-J-(0)

Tot Ion:168 Resp: 271856

Ion Ratio Lower Upper

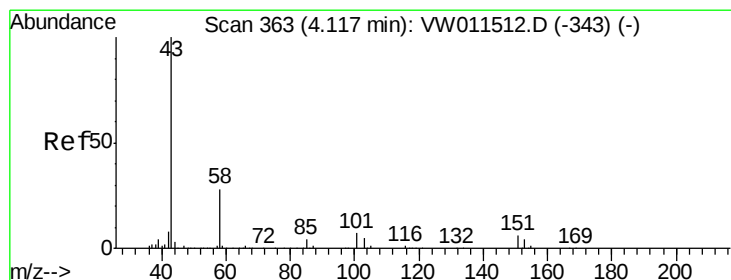
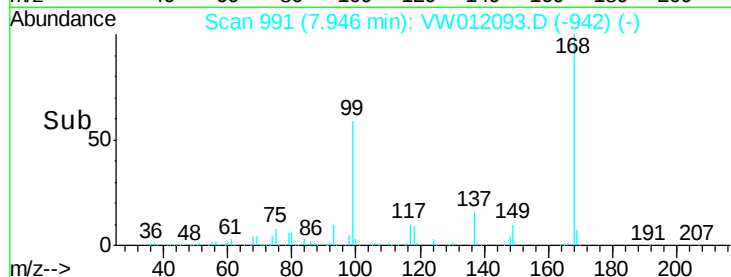
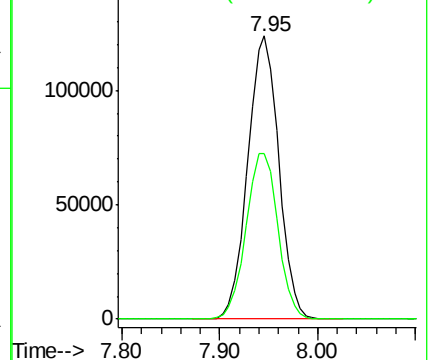
168 100

99 58.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 67.310 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012093.D

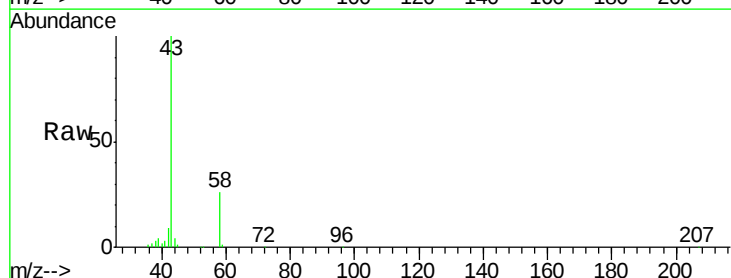
Acq: 22 Aug 2019 01:29

Tgt Ion: 43 Resp: 66838

Ion Ratio Lower Upper

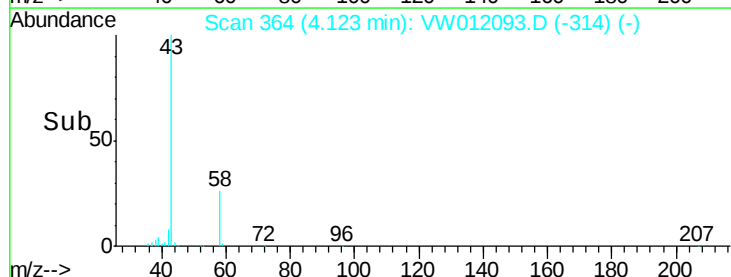
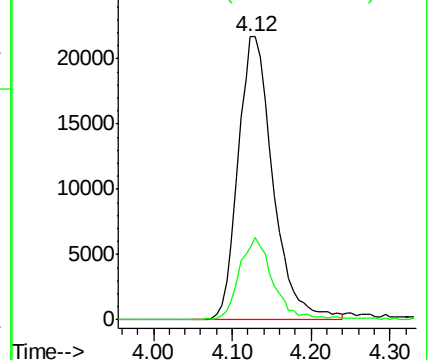
43 100

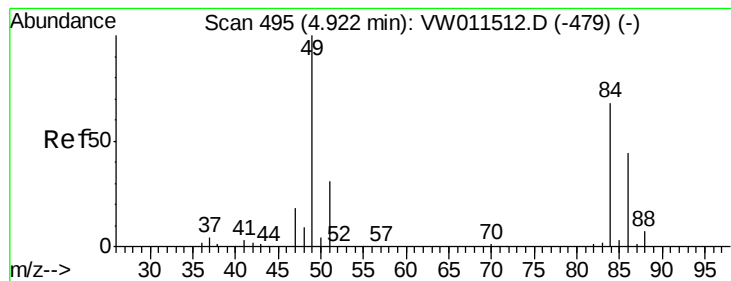
58 25.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: 6.047 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012093.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA_W

ClientSampleId :

T1-J-(0)

Tot Ion: 84 Resp: 20709

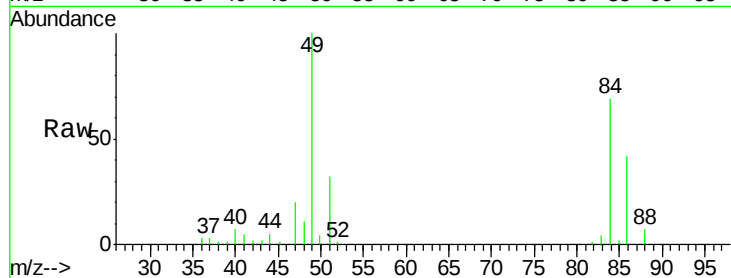
Ion Ratio Lower Upper

84 100

49 142.6 117.8 176.6

51 46.1 37.0 55.4

86 60.4 51.8 77.8

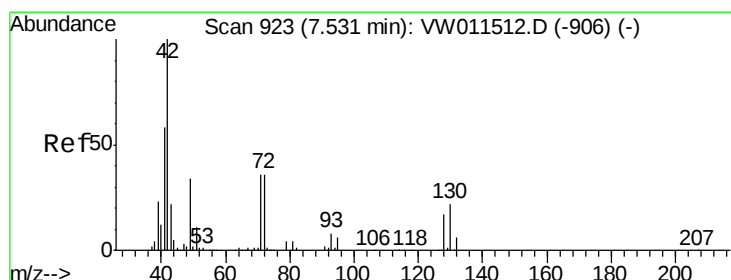
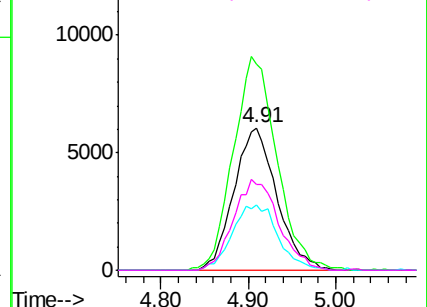
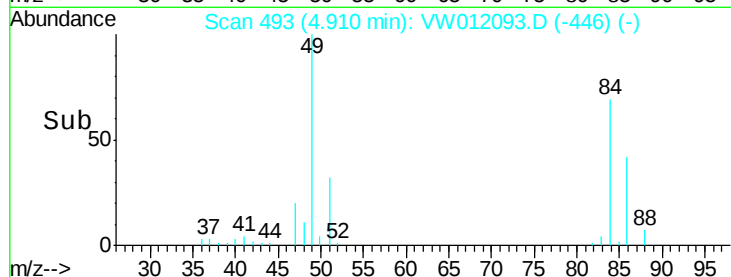


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 9.079 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012093.D

Acq: 22 Aug 2019 01:29

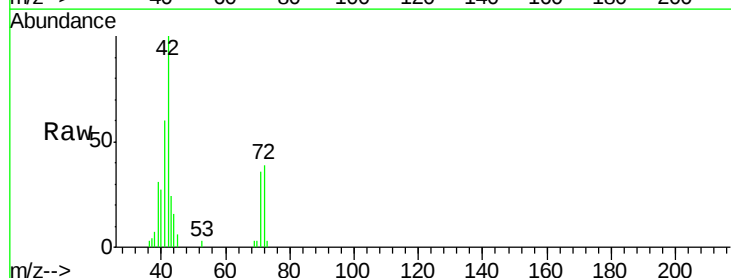
Tgt Ion: 42 Resp: 6743

Ion Ratio Lower Upper

42 100

72 35.5 27.1 40.7

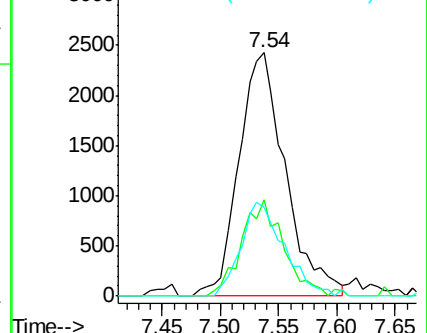
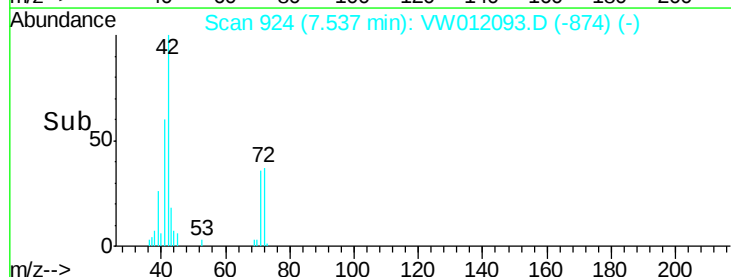
71 35.7 26.2 39.4

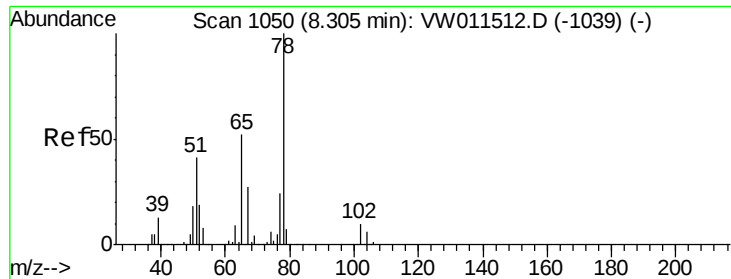


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 55.593 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012093.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA_W

ClientSampleId :

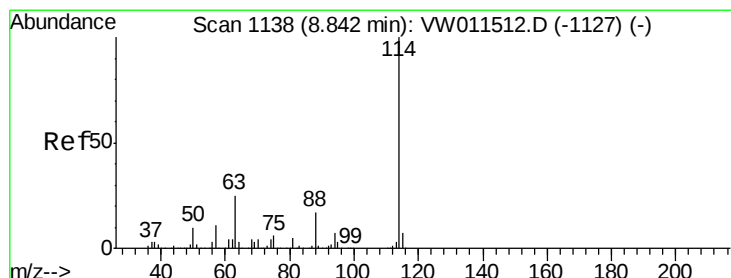
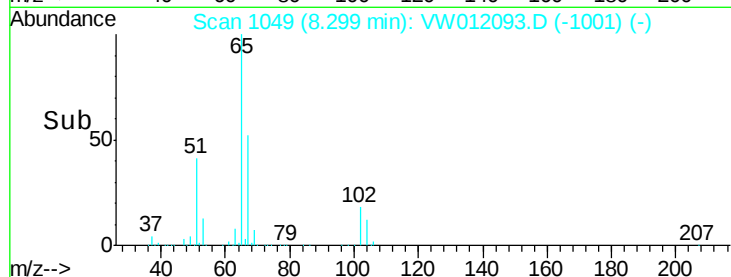
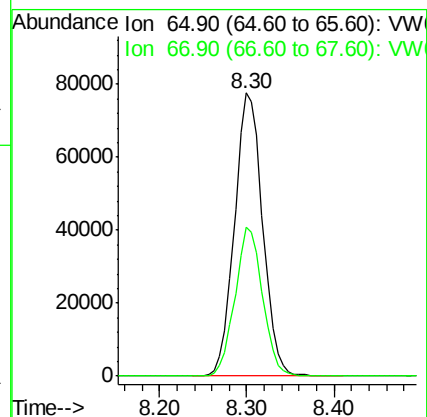
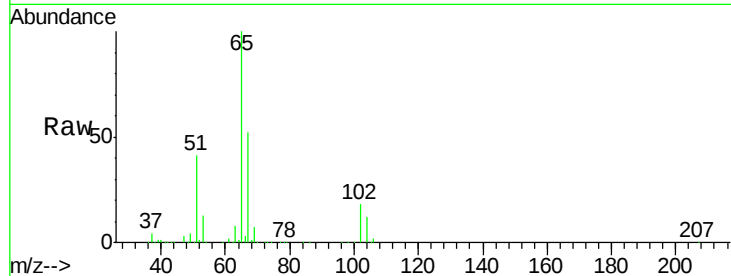
T1-J-(0)

Tot Ion: 65 Resp: 173543

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012093.D

Acq: 22 Aug 2019 01:29

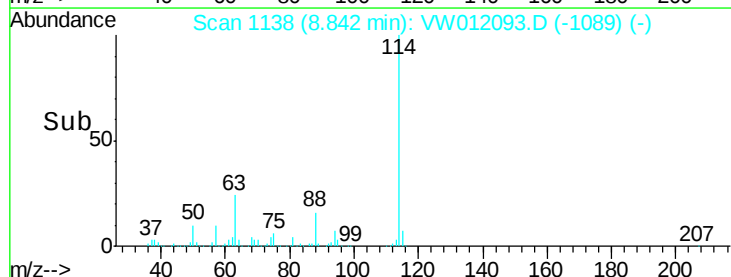
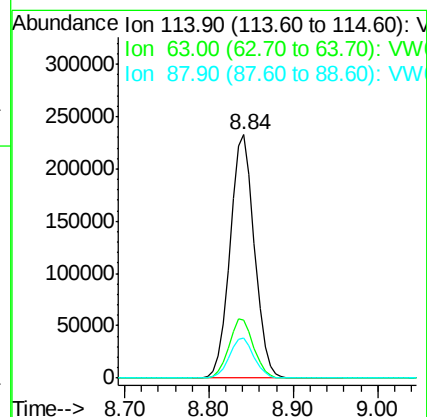
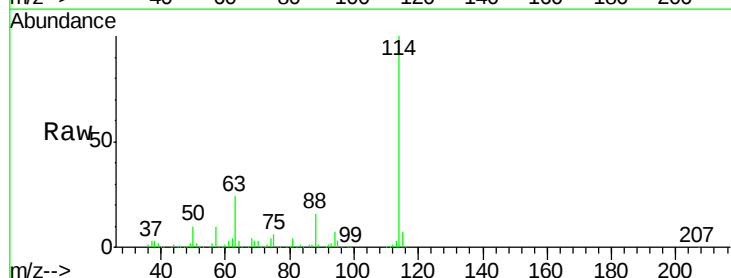
Tgt Ion: 114 Resp: 457749

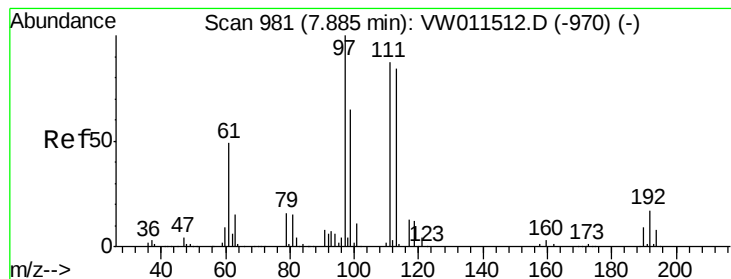
Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

88 16.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.270 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012093.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA_W

ClientSampleId :

T1-J-(0)

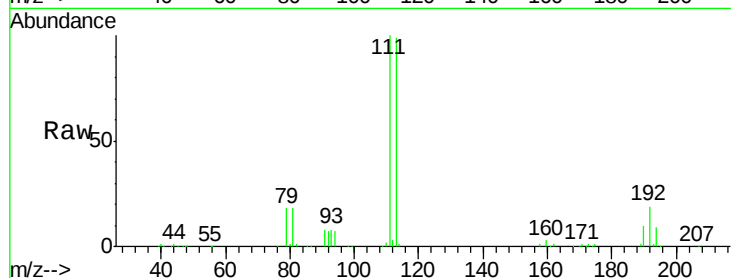
Tot Ion:113 Resp: 139367

Ion Ratio Lower Upper

113 100

111 102.9 82.7 124.1

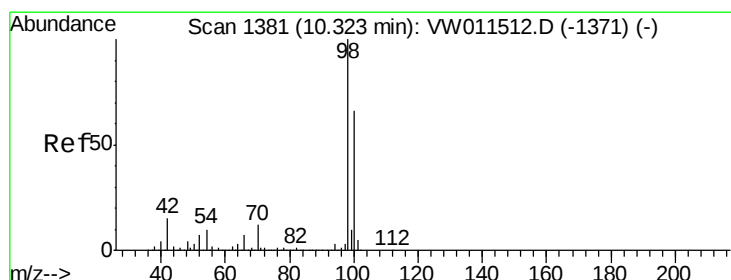
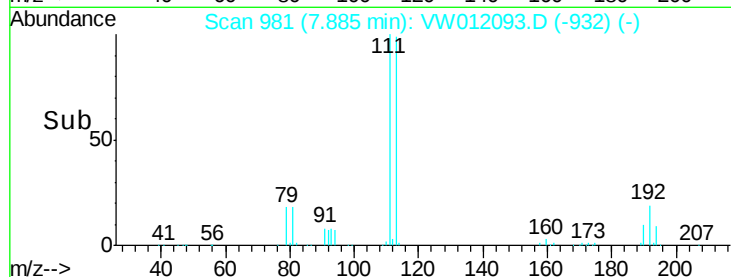
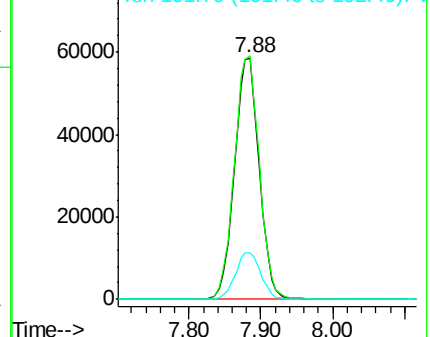
192 19.9 16.1 24.1



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: 53.161 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012093.D

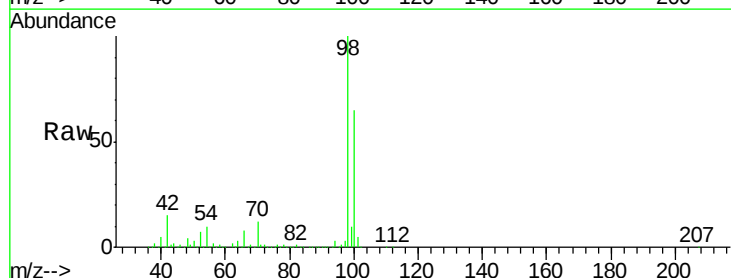
Acq: 22 Aug 2019 01:29

Tgt Ion: 98 Resp: 558958

Ion Ratio Lower Upper

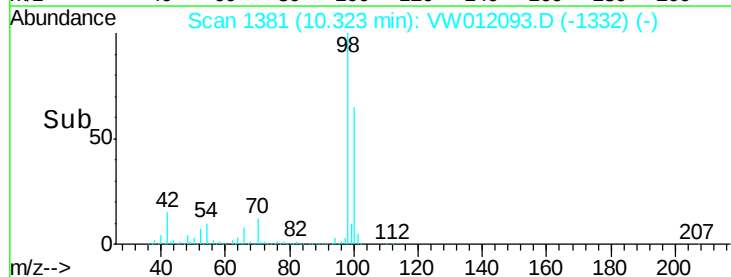
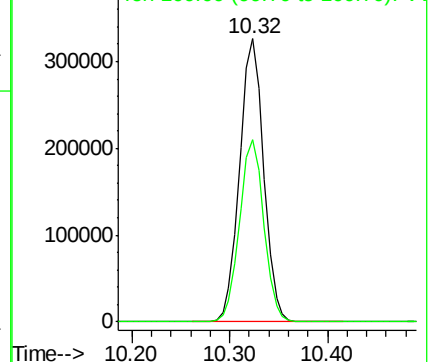
98 100

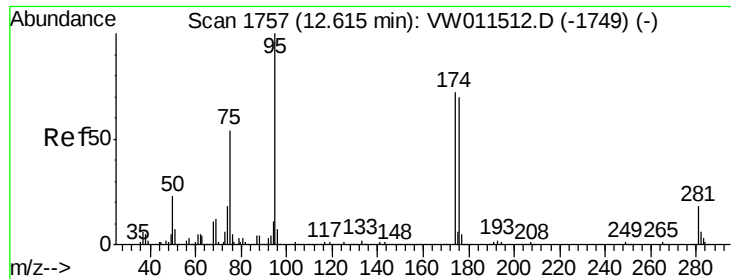
100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.025 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012093.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA_W

ClientSampled :

T1-J-(0)

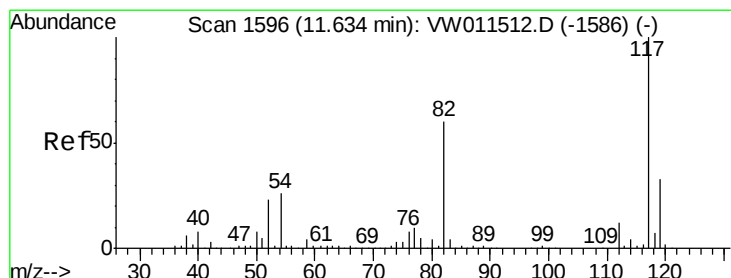
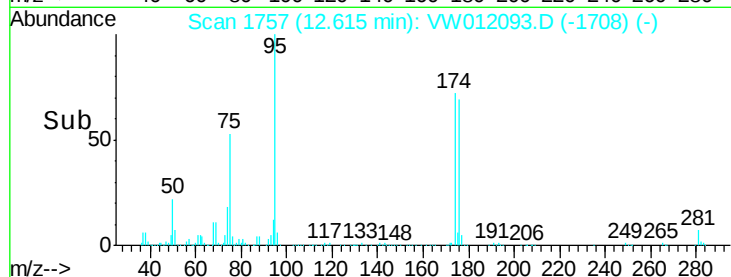
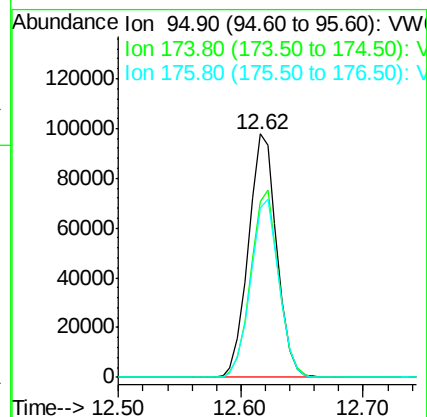
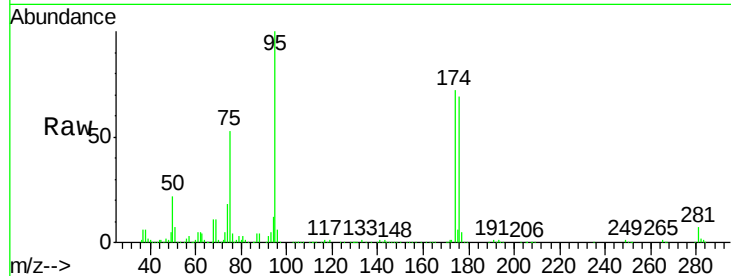
Tot Ion: 95 Resp: 157533

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.2

176 73.3 0.0 144.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012093.D

Acq: 22 Aug 2019 01:29

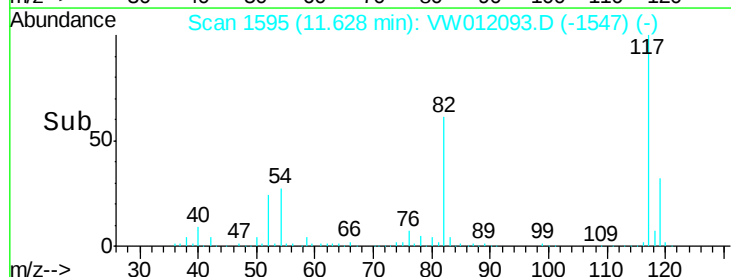
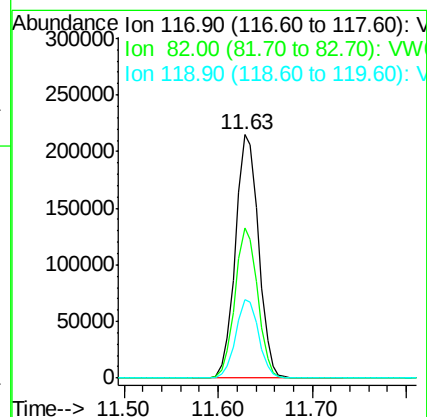
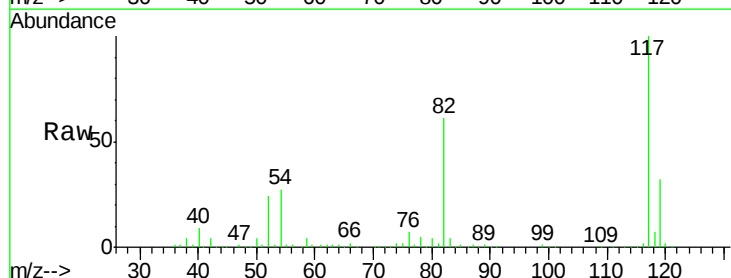
Tgt Ion: 117 Resp: 365588

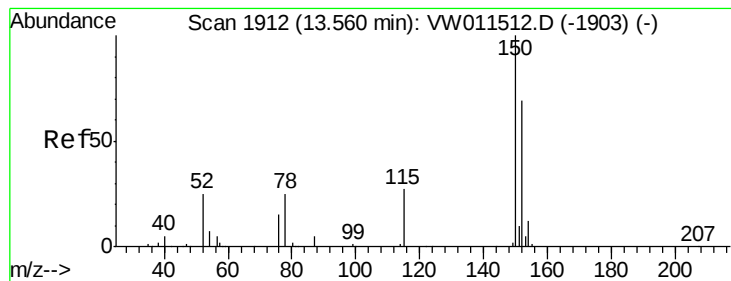
Ion Ratio Lower Upper

117 100

82 61.4 47.9 71.9

119 32.3 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012093.D

Acq: 22 Aug 2019 01:29

Instrument :

MSVOA_W

ClientSampleId :

T1-J-(0)

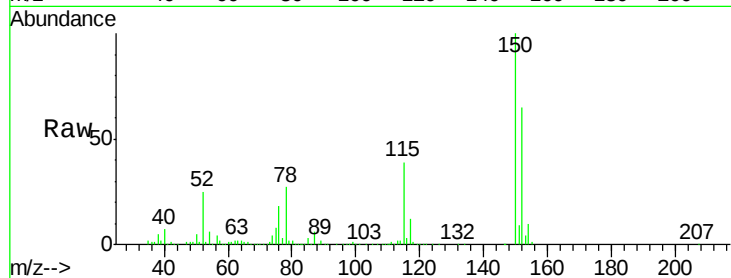
Tot Ion:152 Resp: 124011

Ion Ratio Lower Upper

152 100

115 60.4 30.5 91.5

150 155.5 0.0 352.6



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

