

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012406.D
 Acq On : 31 Aug 2019 17:44
 Operator : SY/VA
 Sample : K4517-06
 Misc : 6.28G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-D1-(0)

Quant Time: Sep 01 04:14:16 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

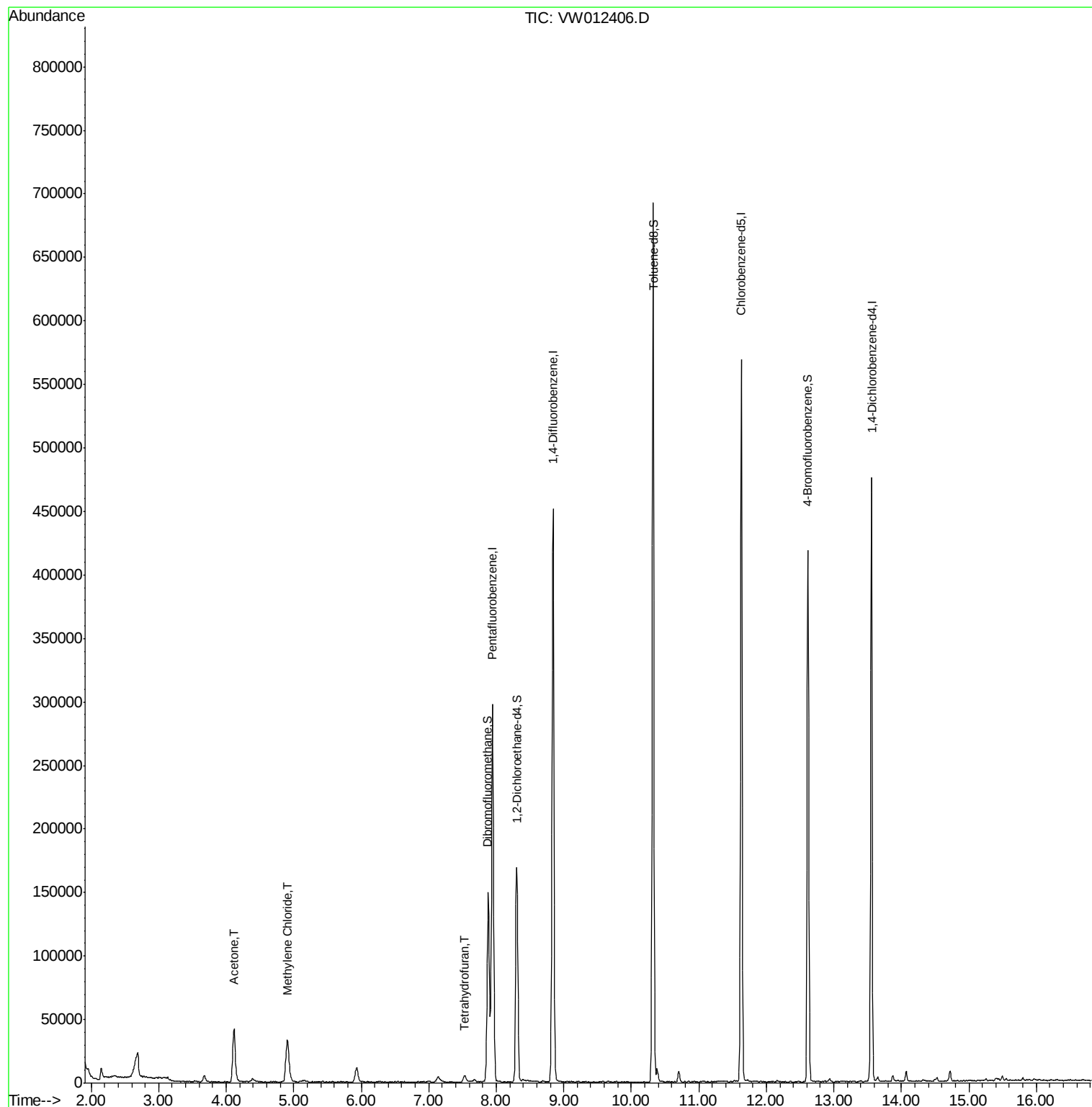
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141115	56.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.14%	
35) Dibromofluoromethane	7.88	113	108713	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
50) Toluene-d8	10.32	98	433961	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.62	95	134684	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
Target Compounds						
16) Acetone	4.12	43	74471	115.757	ug/l	99
20) Methylene Chloride	4.90	84	24110	9.913	ug/l	98
29) Tetrahydrofuran	7.52	42	4653	8.871	ug/l	93

(#) = 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

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Instrument :

MSVOA_W

ClientSampleId :

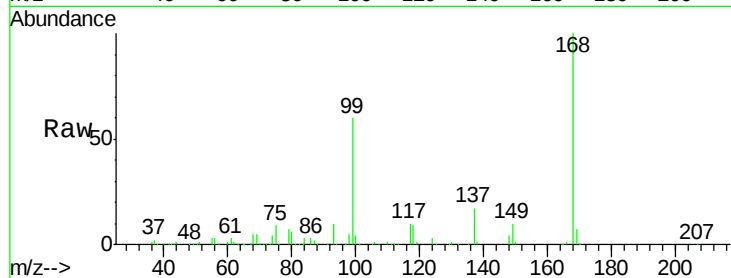
T4-S-D1-(0)

Tot Ion:168 Resp: 211714

Ion Ratio Lower Upper

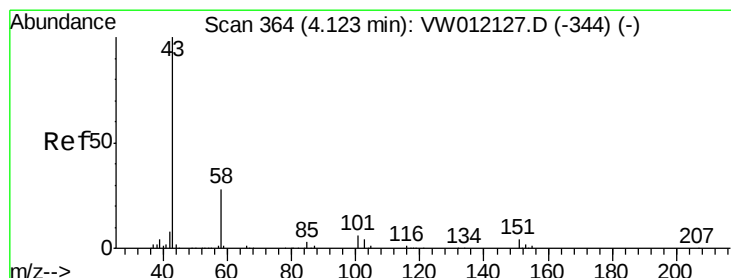
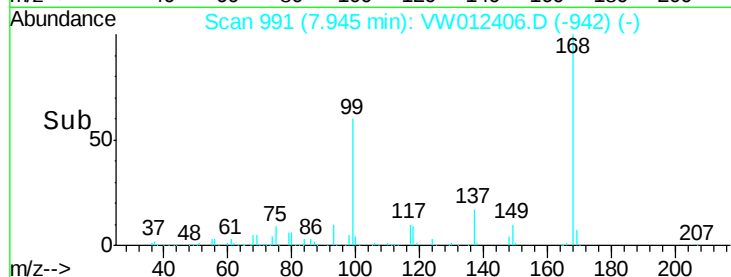
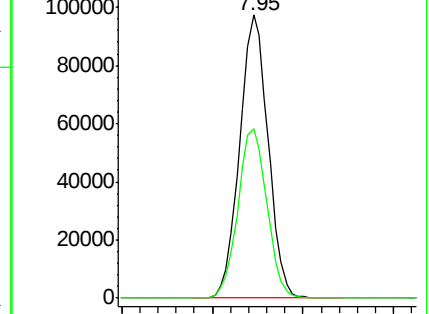
168 100

99 59.8 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: 115.757 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012406.D

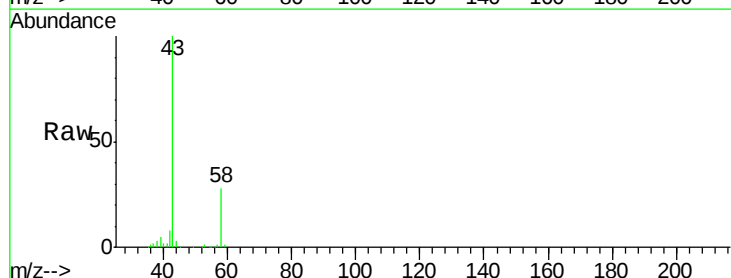
Acq: 31 Aug 2019 17:44

Tgt Ion: 43 Resp: 74471

Ion Ratio Lower Upper

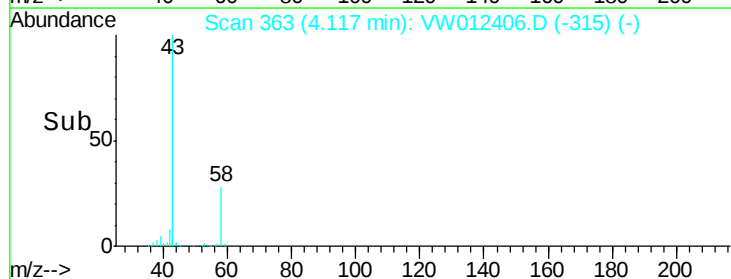
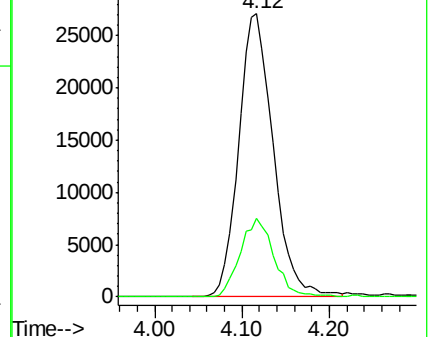
43 100

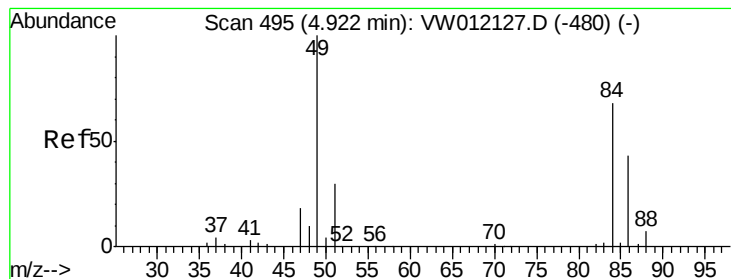
58 27.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: 9.913 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012406.D

Acq: 31 Aug 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

T4-S-D1-(0)

Tot Ion: 84 Resp: 24110

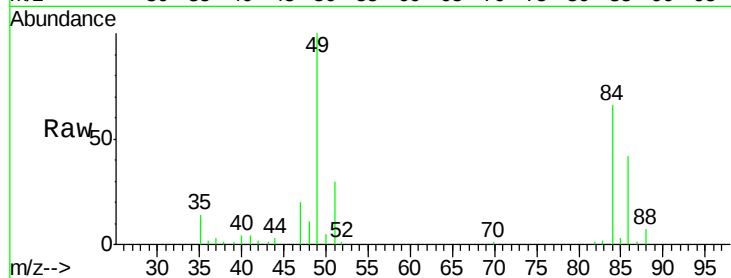
Ion Ratio Lower Upper

84 100

49 150.7 117.8 176.8

51 45.4 35.6 53.4

86 63.3 51.2 76.8

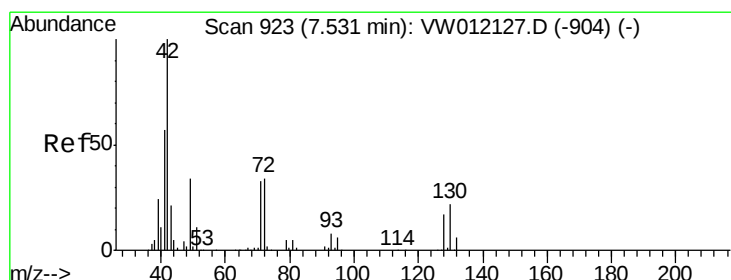
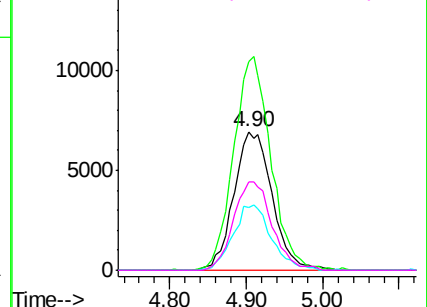
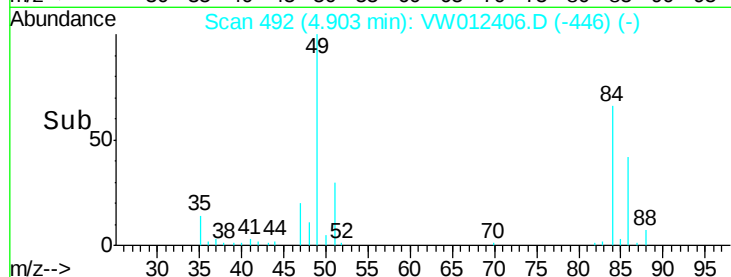


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 8.871 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW012406.D

Acq: 31 Aug 2019 17:44

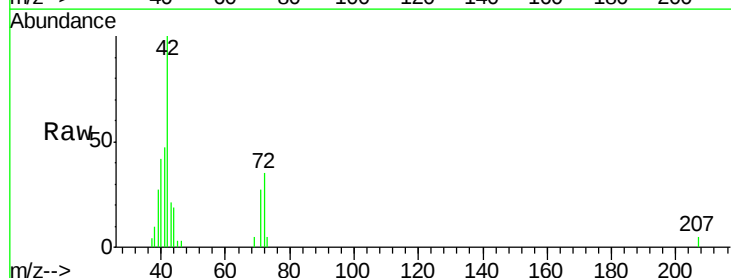
Tgt Ion: 42 Resp: 4653

Ion Ratio Lower Upper

42 100

72 37.2 27.3 40.9

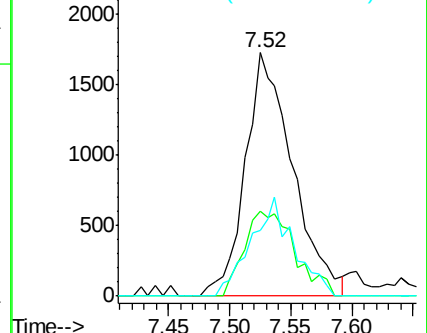
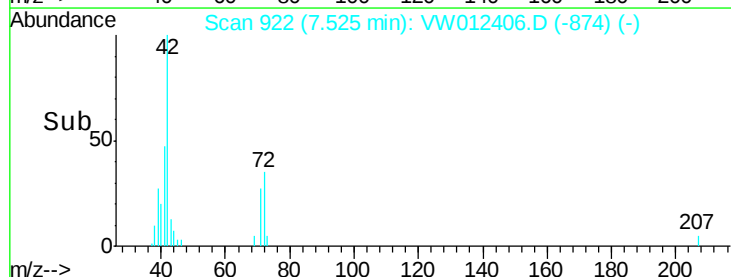
71 36.8 25.5 38.3

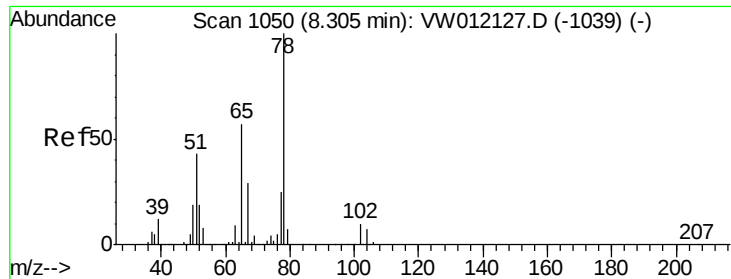


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 56.070 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012406.D

Acq: 31 Aug 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

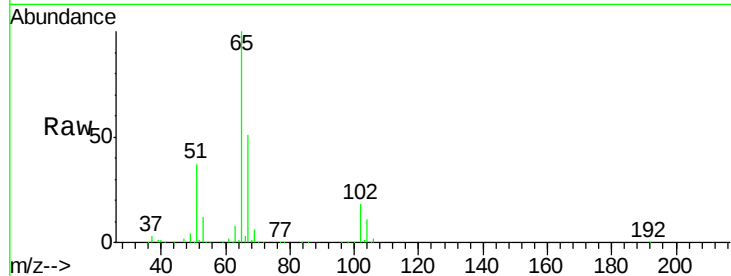
T4-S-D1-(0)

Tot Ion: 65 Resp: 141115

Ion Ratio Lower Upper

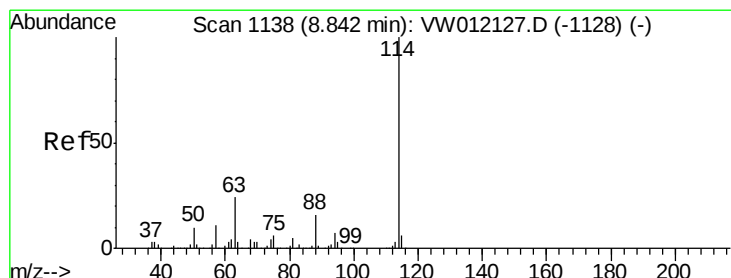
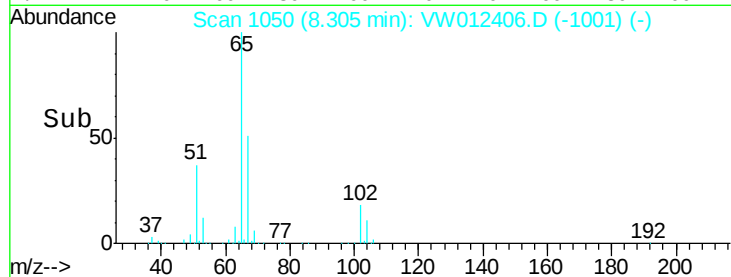
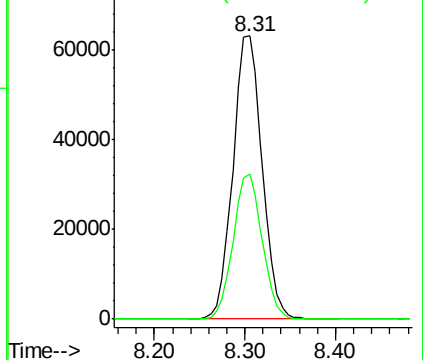
65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012406.D

Acq: 31 Aug 2019 17:44

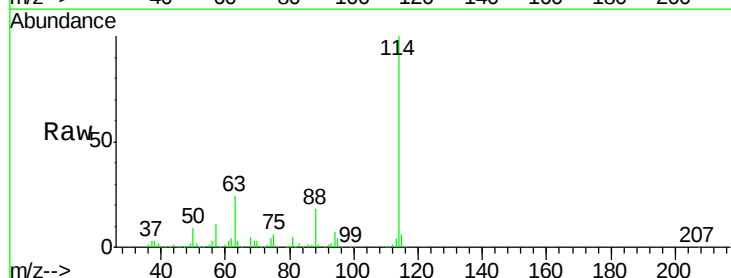
Tgt Ion: 114 Resp: 346168

Ion Ratio Lower Upper

114 100

63 24.2 0.0 48.6

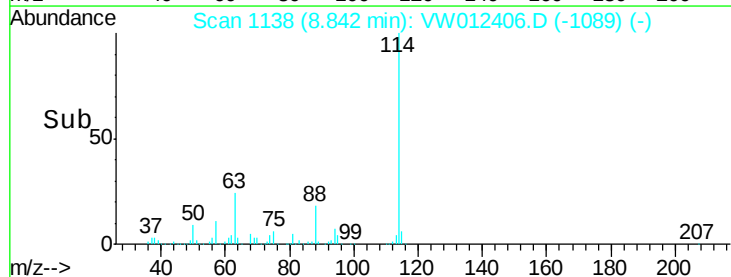
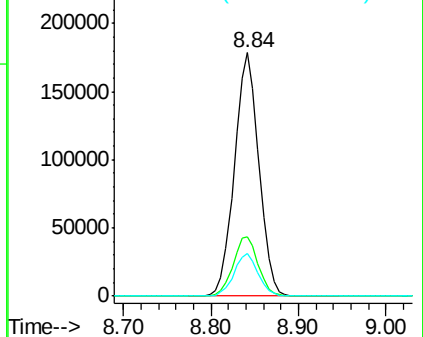
88 17.5 0.0 32.2

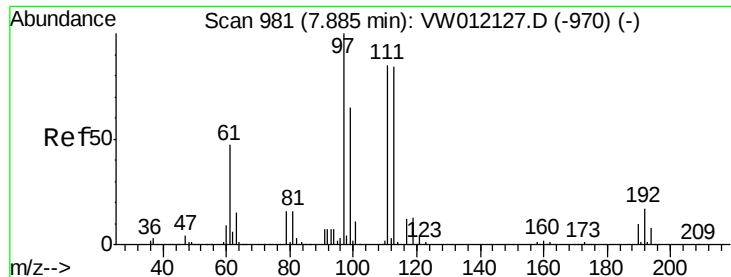


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

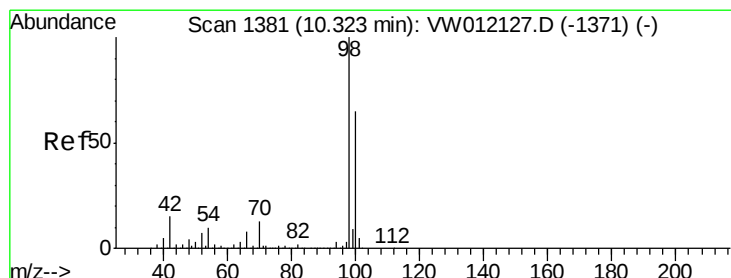
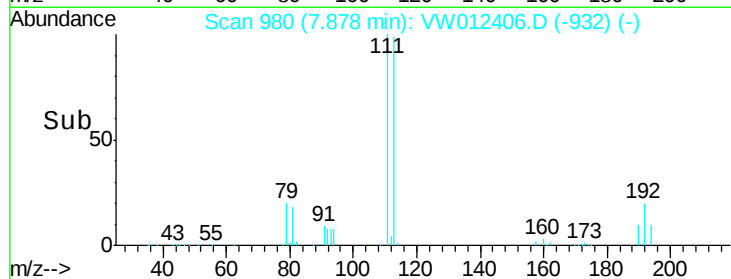
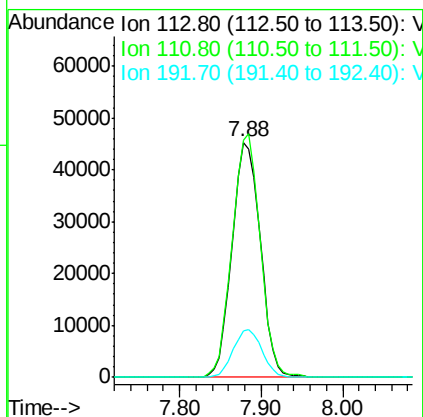
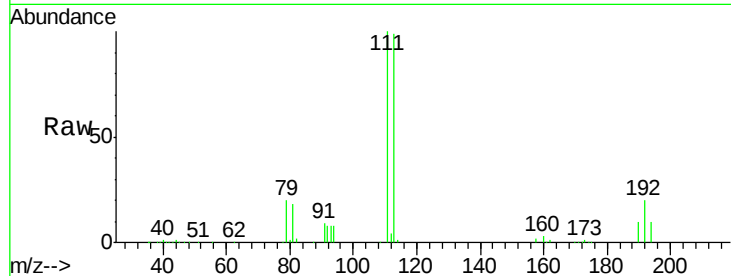




#35
 Dibromofluoromethane
 Concen: 52.613 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

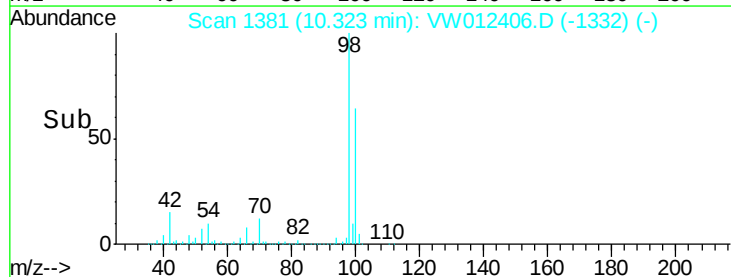
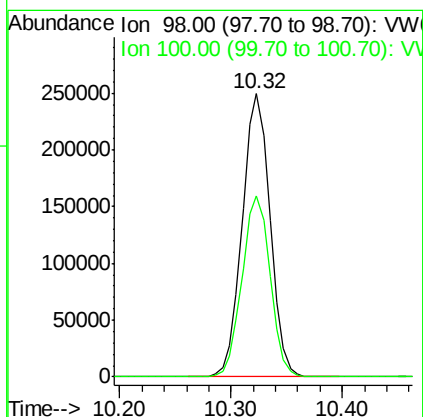
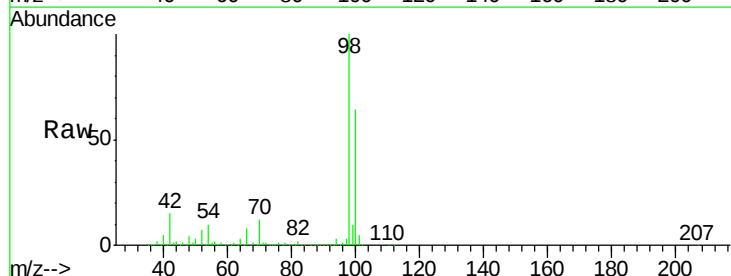
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-D1-(0)

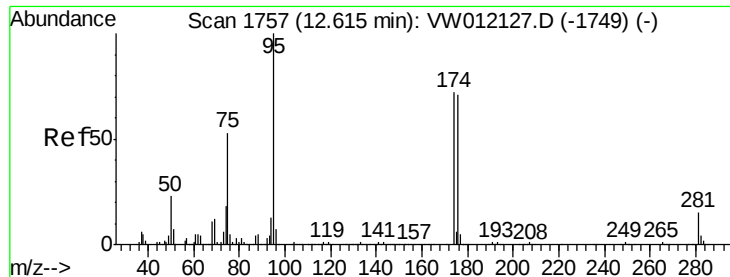
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	20.7	16.2	24.2



#50
 Toluene-d8
 Concen: 51.797 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.4	78.6

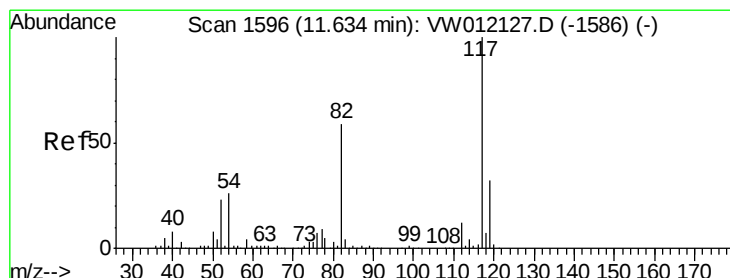
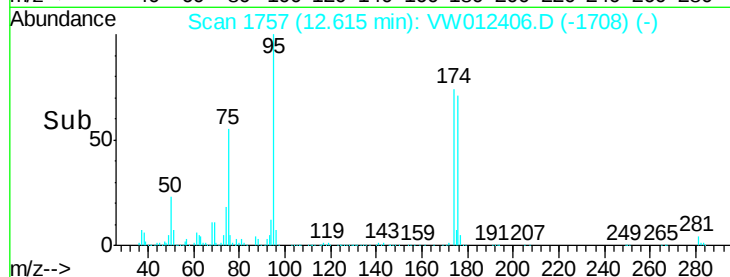
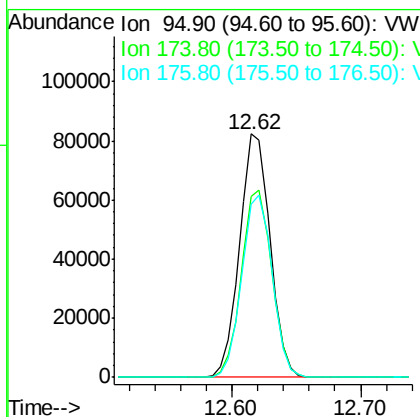
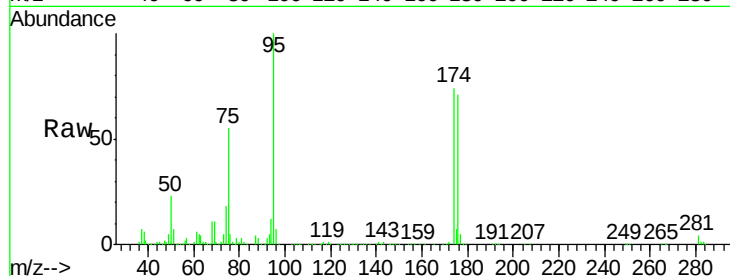




#62
4-Bromofluorobenzene
Concen: 45.604 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012406.D
Acq: 31 Aug 2019 17:44

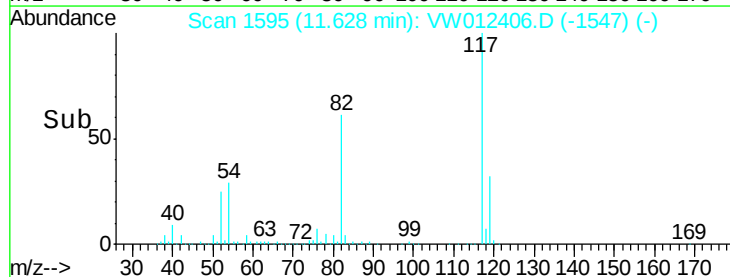
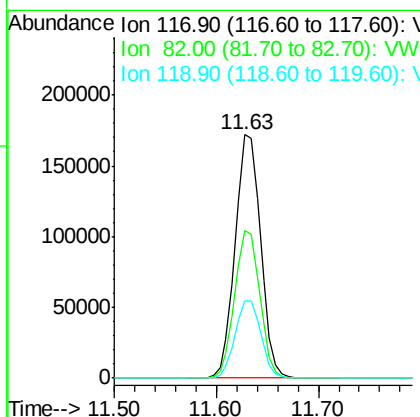
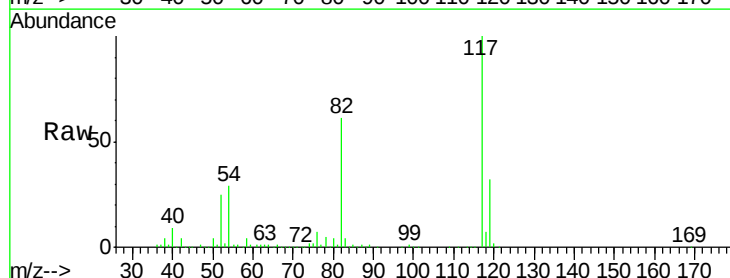
Instrument :
MSVOA_W
ClientSampleId :
T4-S-D1-(0)

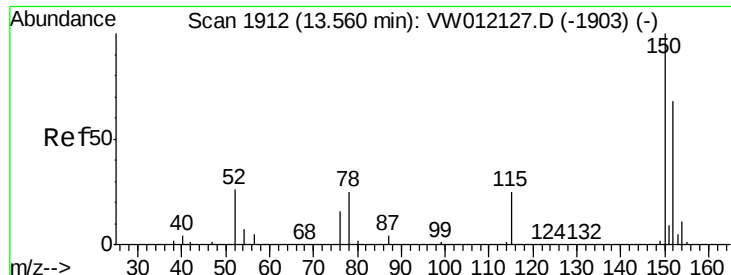
Tot Ion: 95 Resp: 134684
Ion Ratio Lower Upper
95 100
174 76.9 0.0 150.8
176 74.4 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012406.D
Acq: 31 Aug 2019 17:44

Tgt Ion: 117 Resp: 295783
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 31.7 25.4 38.2

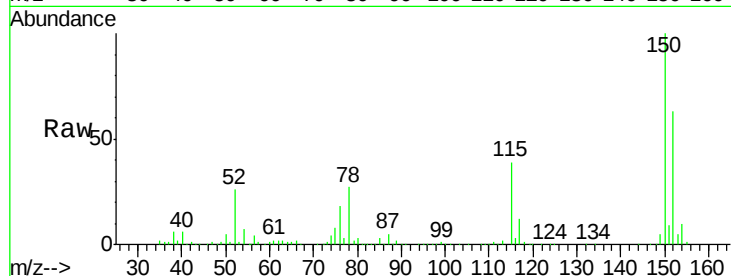




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-D1-(0)

Tot Ion:152 Resp: 116403
 Ion Ratio Lower Upper
 152 100
 115 60.8 30.1 90.3
 150 158.4 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

