

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012398.D
 Acq On : 31 Aug 2019 14:18
 Operator : SY/VA
 Sample : K4493-20
 Misc : 4.40G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-G2-(1.9)

Quant Time: Aug 31 17:37:22 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

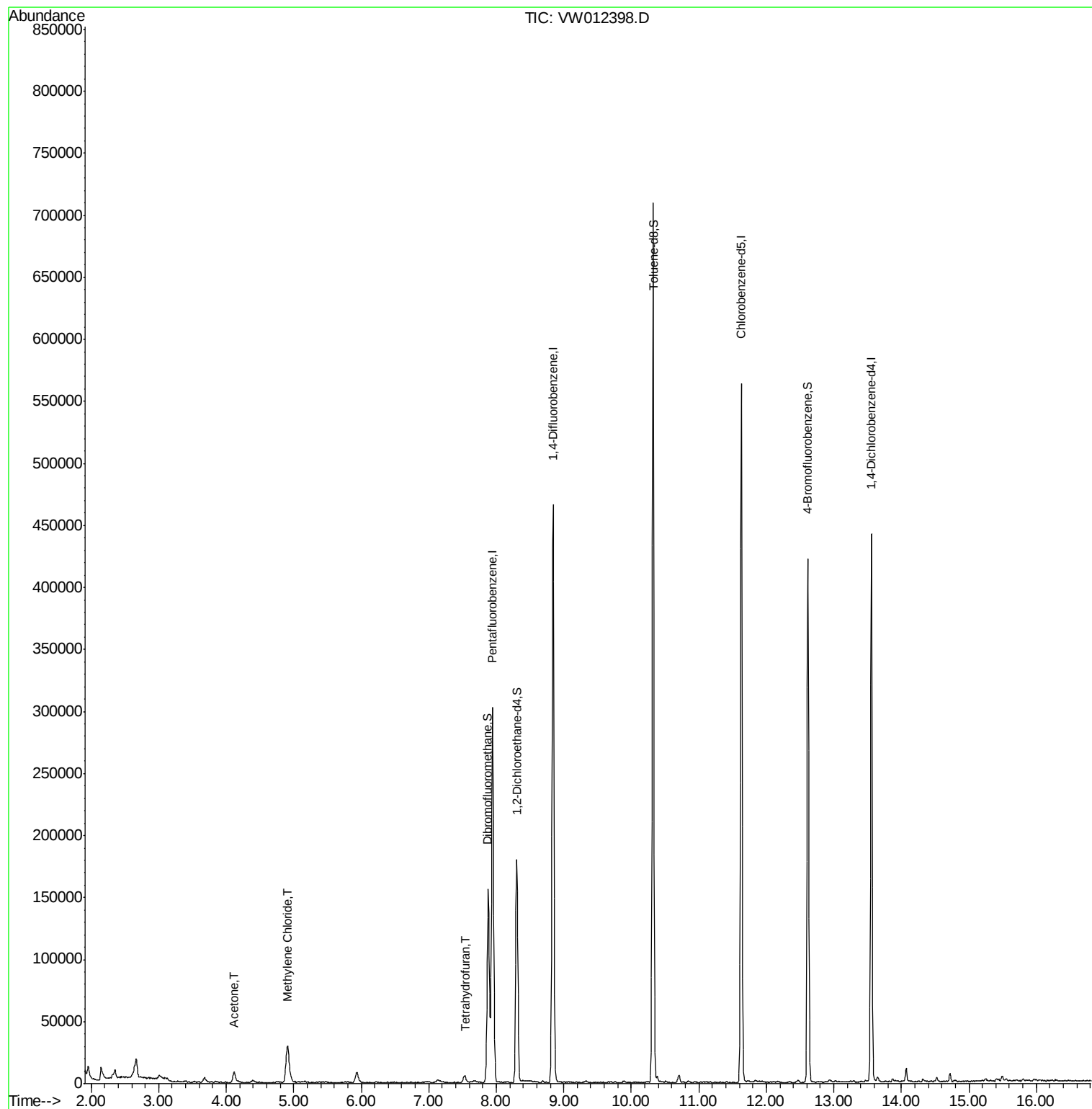
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144335	56.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.68%	
35) Dibromofluoromethane	7.88	113	111324	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
50) Toluene-d8	10.32	98	436752	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.62	95	132159	43.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.54%	
Target Compounds						
16) Acetone	4.12	43	15939	24.338	ug/l	94
20) Methylene Chloride	4.92	84	21779	8.797	ug/l	90
29) Tetrahydrofuran	7.54	42	4910	9.196	ug/l	96

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012398.D

Acq: 31 Aug 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

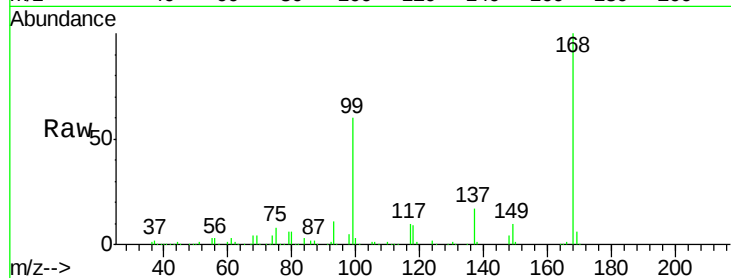
T9-12-13-G2-(1.9)

Tot Ion:168 Resp: 215517

Ion Ratio Lower Upper

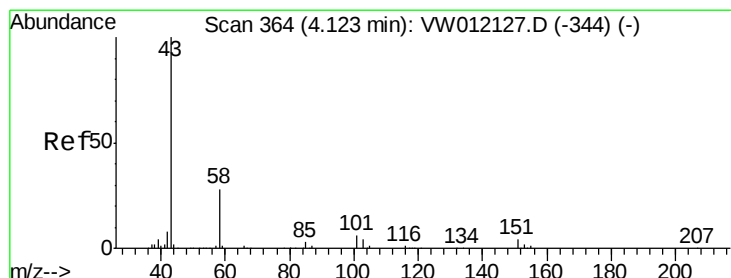
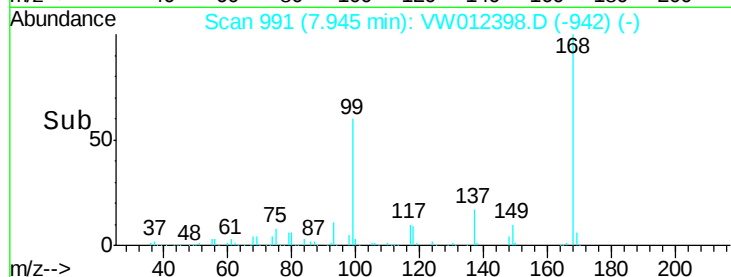
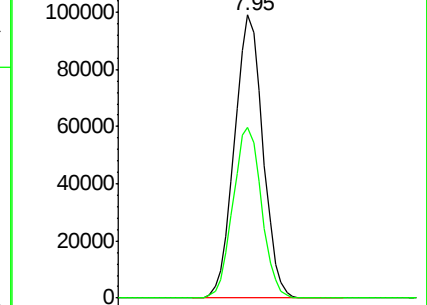
168 100

99 60.2 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: 24.338 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012398.D

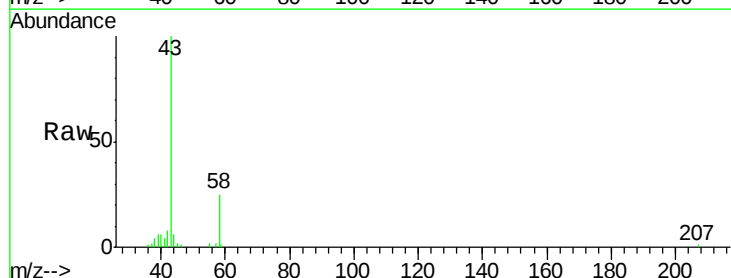
Acq: 31 Aug 2019 14:18

Tgt Ion: 43 Resp: 15939

Ion Ratio Lower Upper

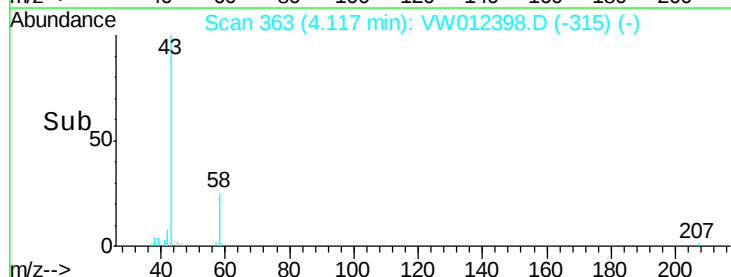
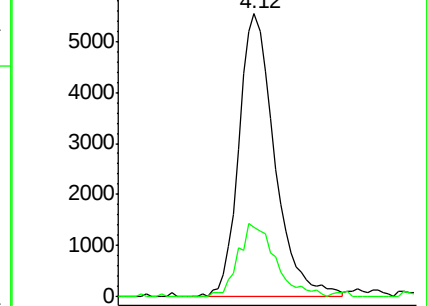
43 100

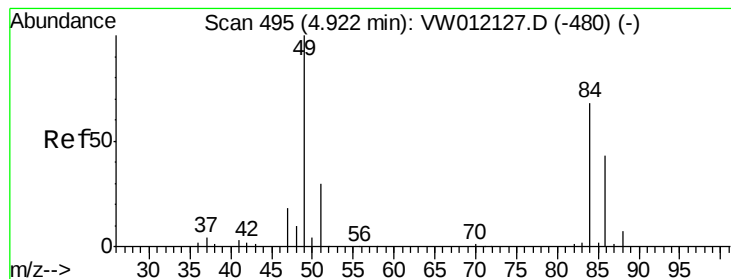
58 24.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 8.797 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012398.D

Acq: 31 Aug 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-G2-(1.9)

Tot Ion: 84 Resp: 21779

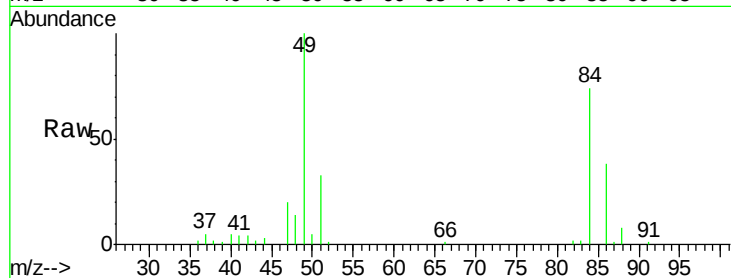
Ion Ratio Lower Upper

84 100

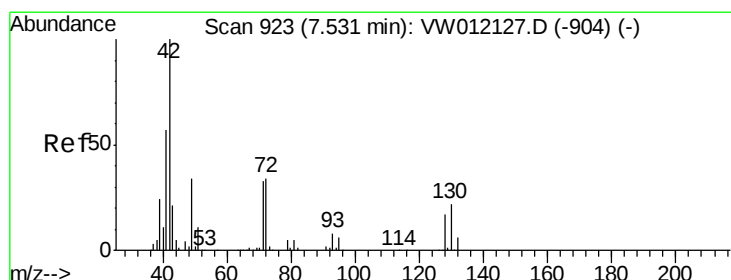
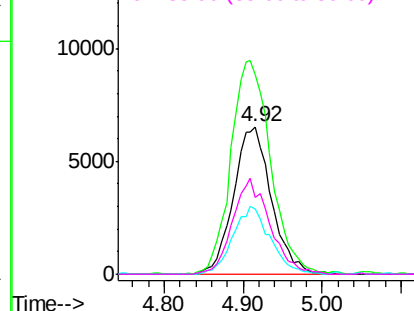
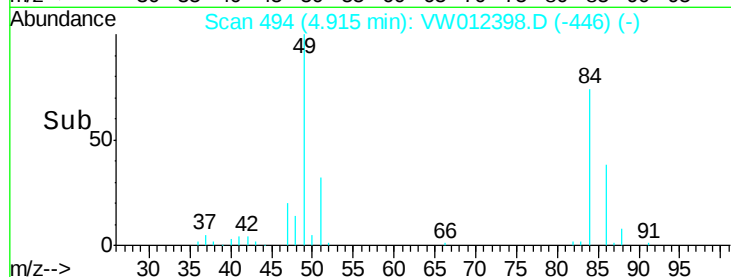
49 135.1 117.8 176.8

51 44.5 35.6 53.4

86 51.8 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: 9.196 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012398.D

Acq: 31 Aug 2019 14:18

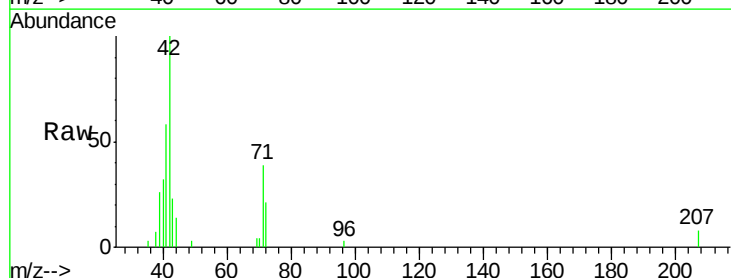
Tgt Ion: 42 Resp: 4910

Ion Ratio Lower Upper

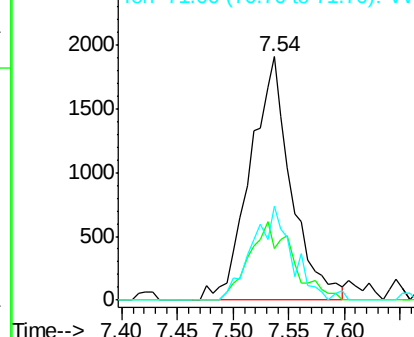
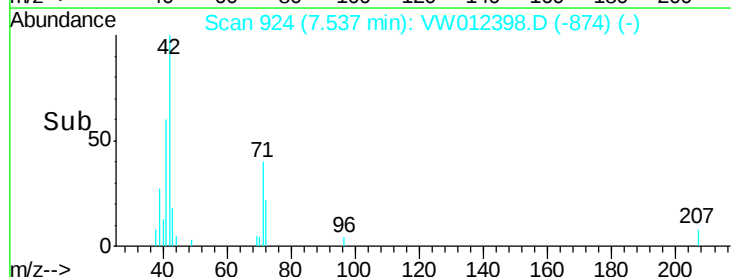
42 100

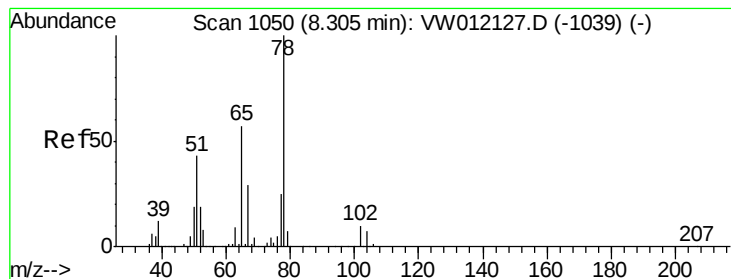
72 33.6 27.3 40.9

71 36.5 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: 56.337 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012398.D

Acq: 31 Aug 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

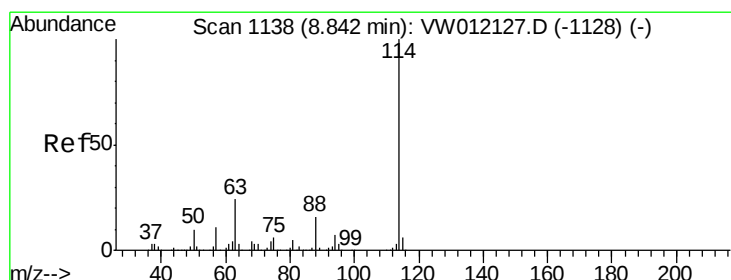
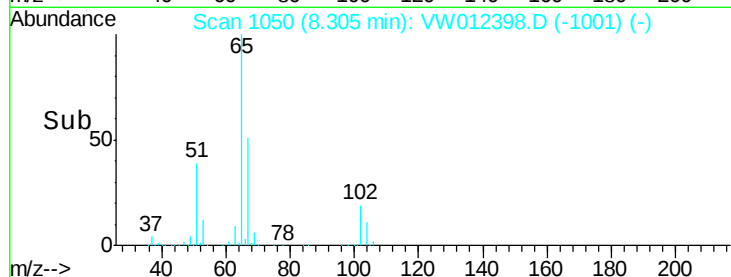
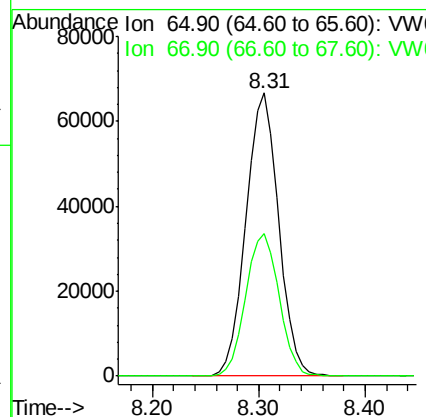
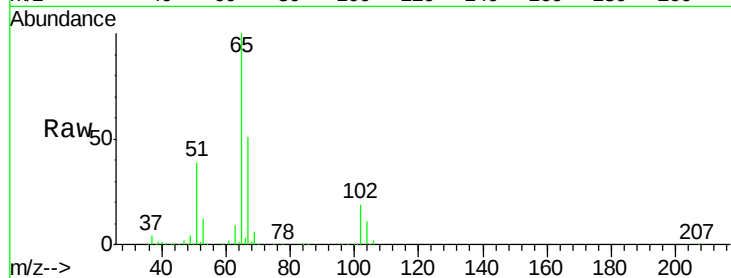
T9-12-13-G2-(1.9)

Tot Ion: 65 Resp: 144335

Ion Ratio Lower Upper

65 100

67 51.5 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: VW012398.D

Acq: 31 Aug 2019 14:18

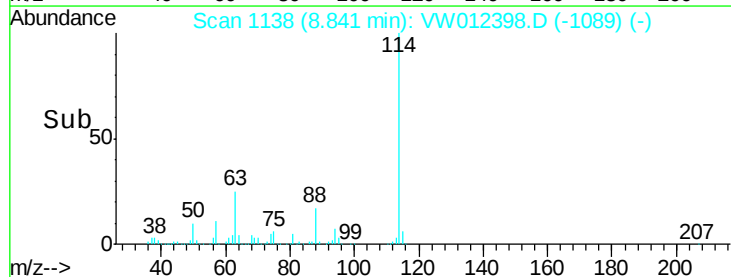
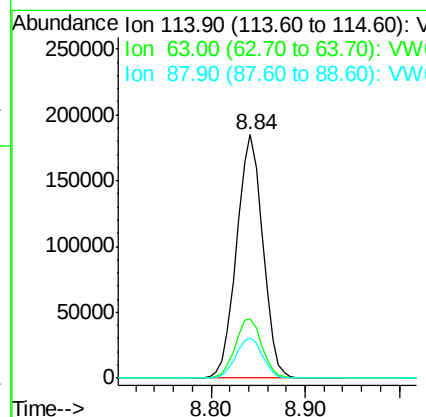
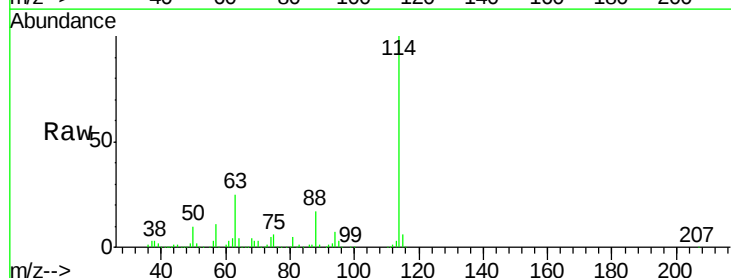
Tgt Ion: 114 Resp: 358016

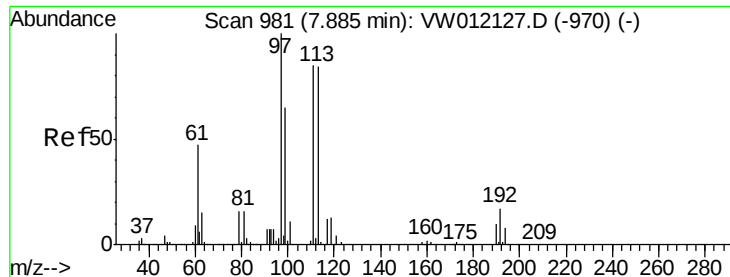
Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.6

88 16.6 0.0 32.2

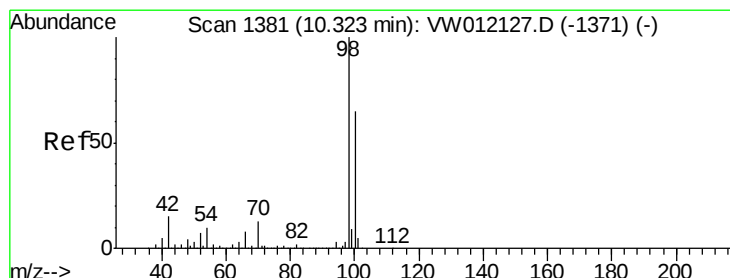
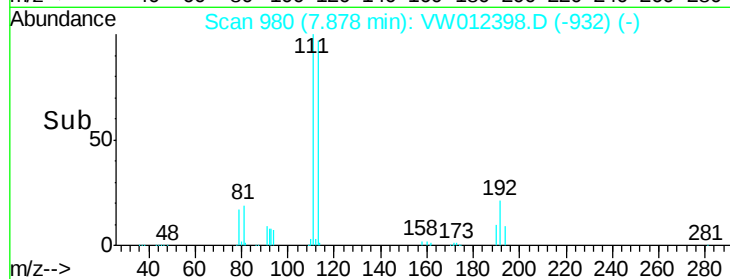
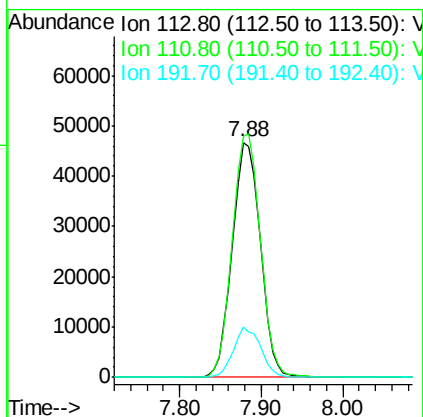
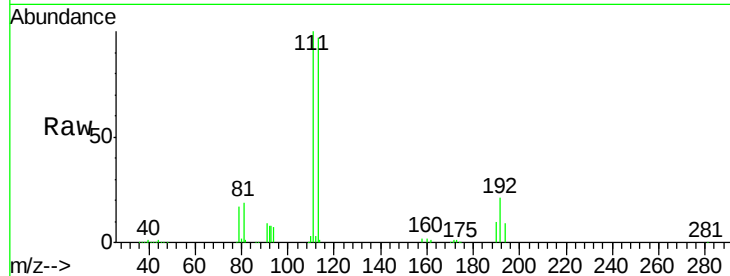




#35
Dibromofluoromethane
Concen: 52.093 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012398.D
Acq: 31 Aug 2019 14:18

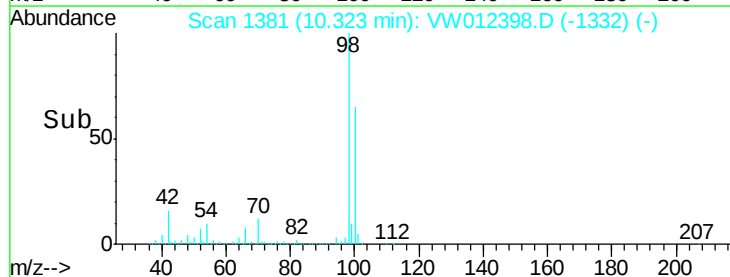
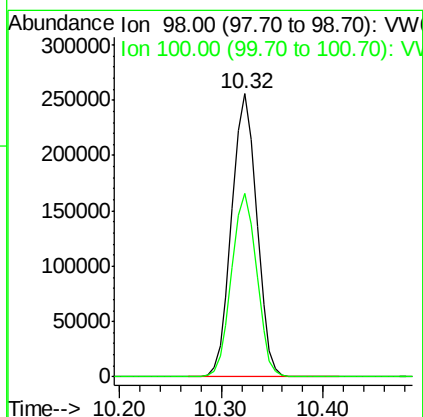
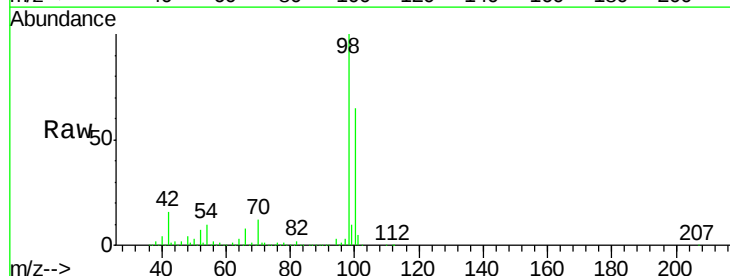
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-G2-(1.9)

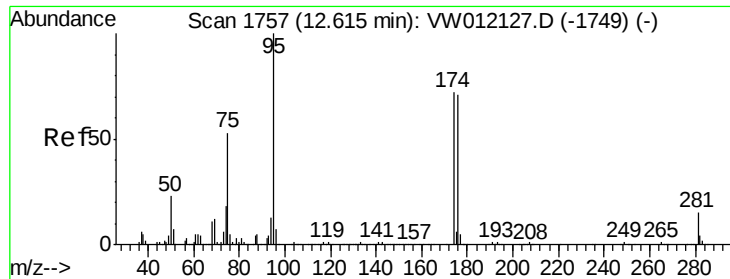
Tot Ion:113 Resp: 111324
Ion Ratio Lower Upper
113 100
111 103.7 82.7 124.1
192 20.7 16.2 24.2



#50
Toluene-d8
Concen: 50.404 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012398.D
Acq: 31 Aug 2019 14:18

Tgt Ion: 98 Resp: 436752
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6

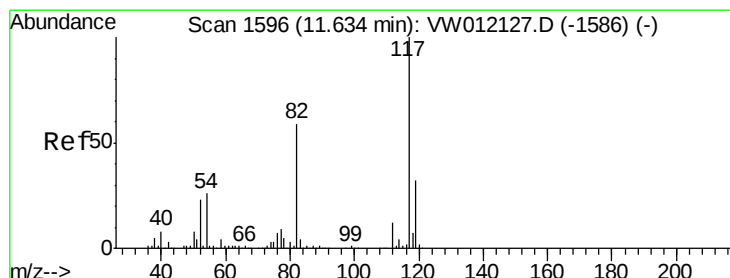
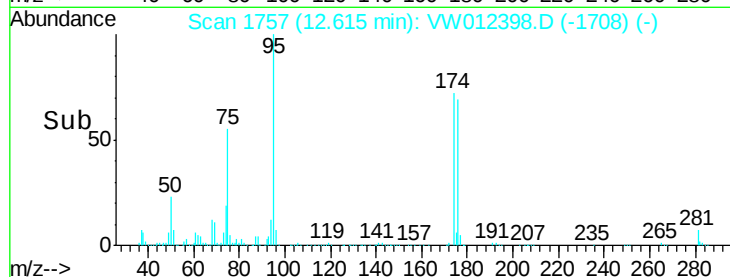
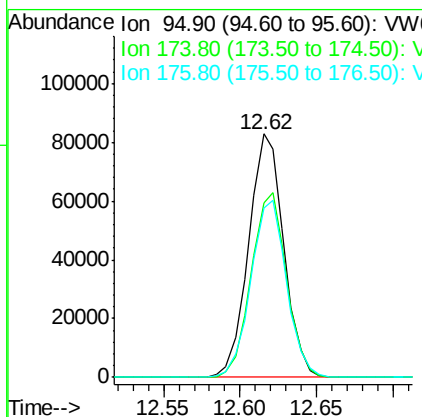
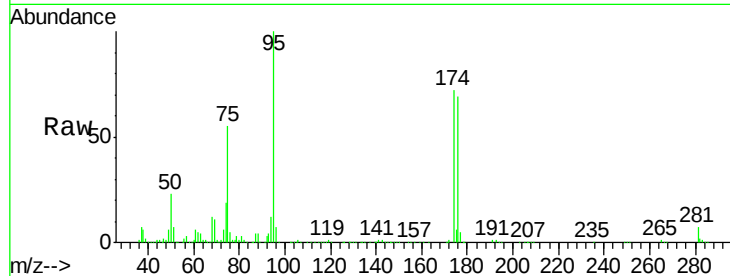




#62
4-Bromofluorobenzene
Concen: 43.269 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012398.D
Acq: 31 Aug 2019 14:18

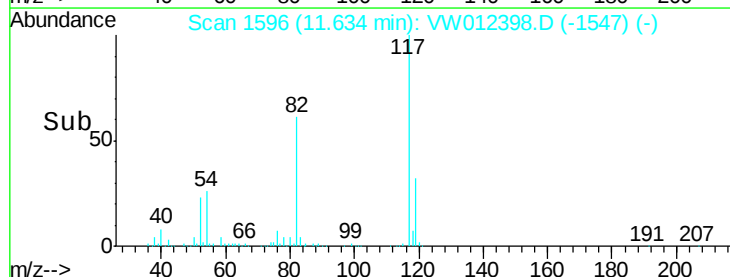
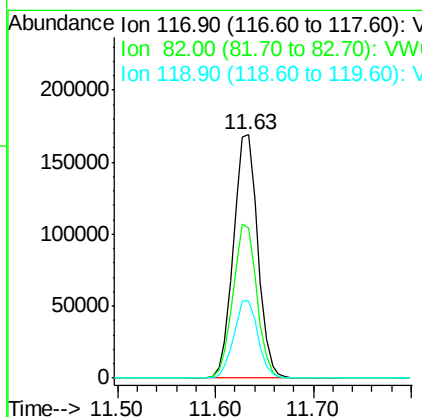
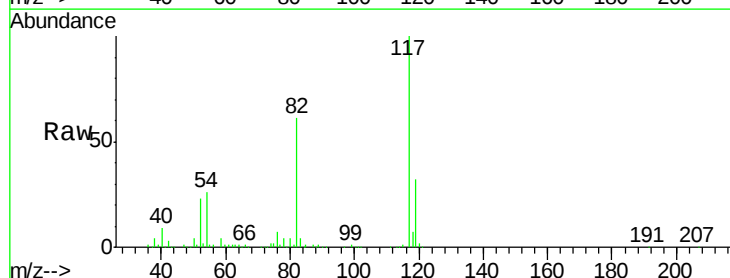
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-G2-(1.9)

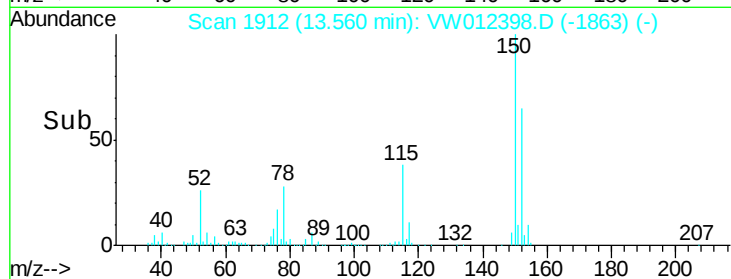
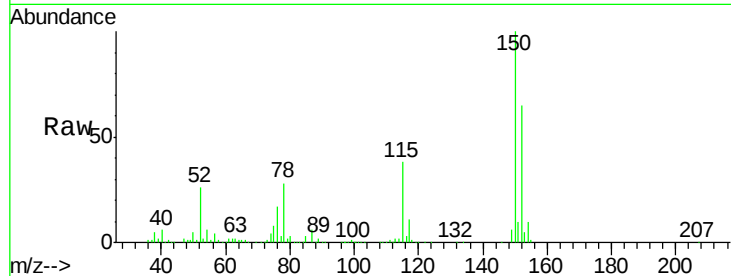
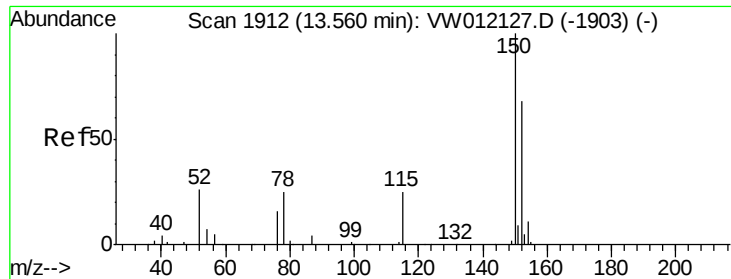
Tot Ion: 95 Resp: 132159
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.8
176 73.9 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012398.D
Acq: 31 Aug 2019 14:18

Tgt Ion: 117 Resp: 290909
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 31.9 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: VW012398.D

Acq: 31 Aug 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-G2-(1.9)

Tot Ion:152 Resp: 110349

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

150 156.1 0.0 345.8

