

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013473.D
 Acq On : 07 Oct 2019 19:29
 Operator : SY/VA
 Sample : K5239-01
 Misc : 4.94G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 STONE-COMP

Quant Time: Oct 08 10:57:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

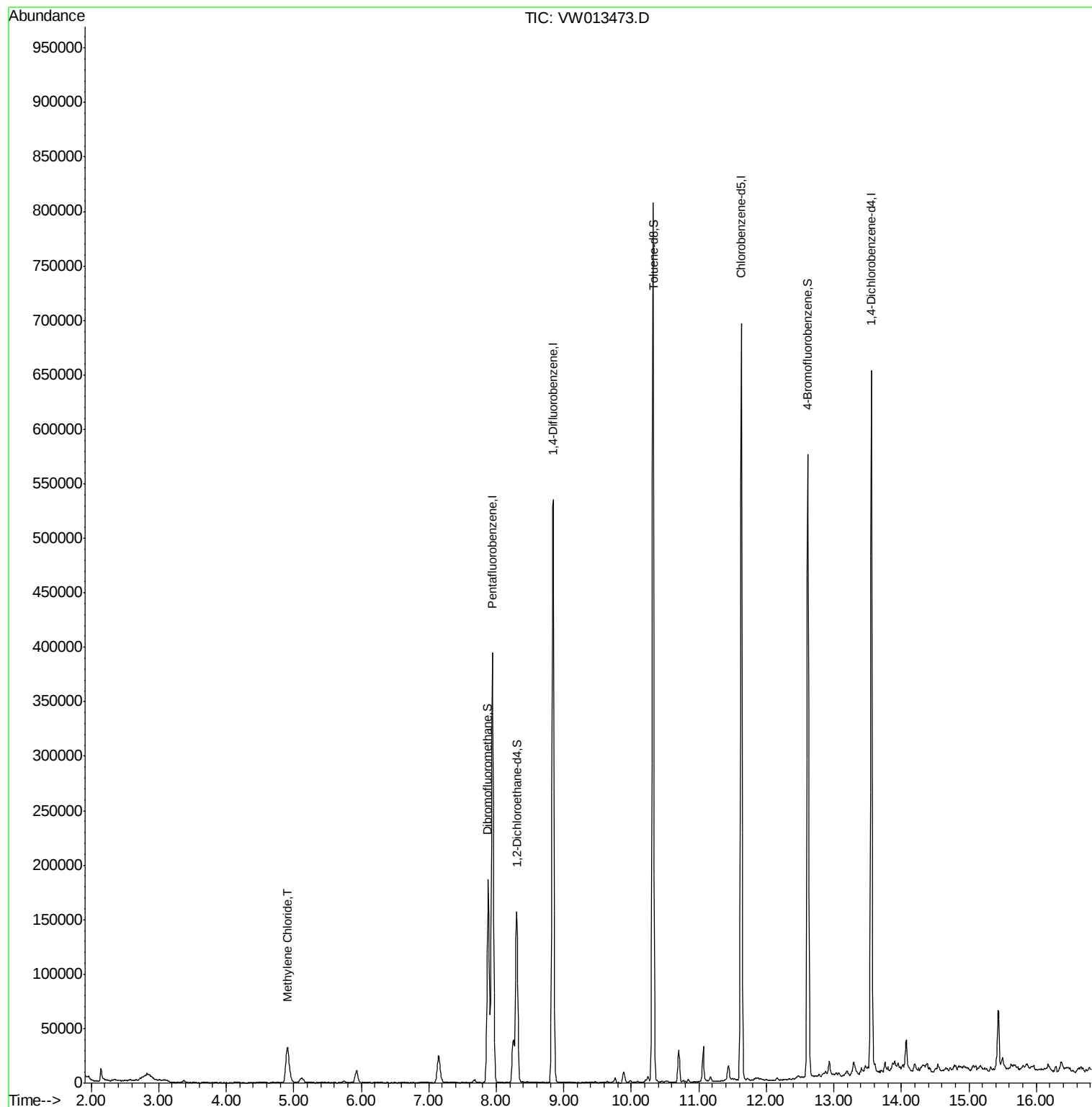
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	335826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	495826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	415786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	184159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	124157	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
35) Dibromofluoromethane	7.88	113	134576	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
50) Toluene-d8	10.32	98	570909	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
62) 4-Bromofluorobenzene	12.62	95	179986	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
Target Compounds						
20) Methylene Chloride	4.91	84	29249	7.597	ug/l	Qvalue 95

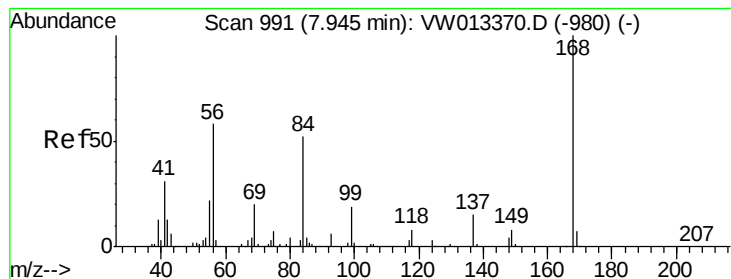
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 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: VW013473.D

Acq: 07 Oct 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

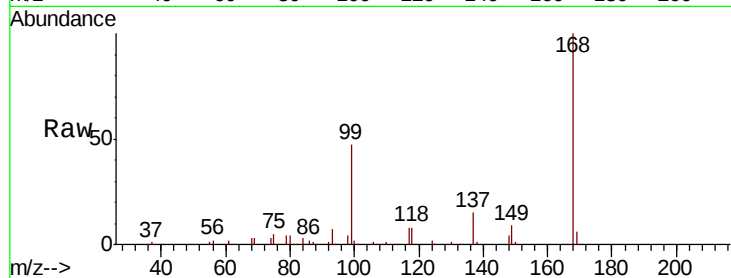
STONE-COMP

Tot Ion:168 Resp: 335826

Ion Ratio Lower Upper

168 100

99 47.4 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

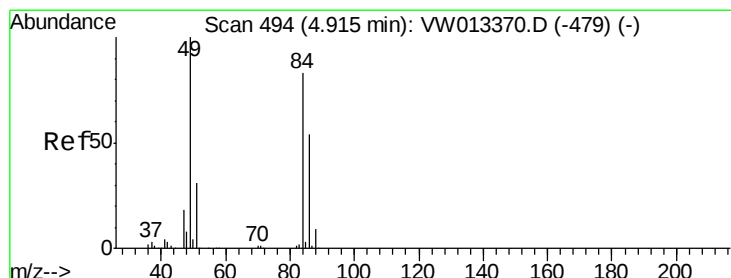
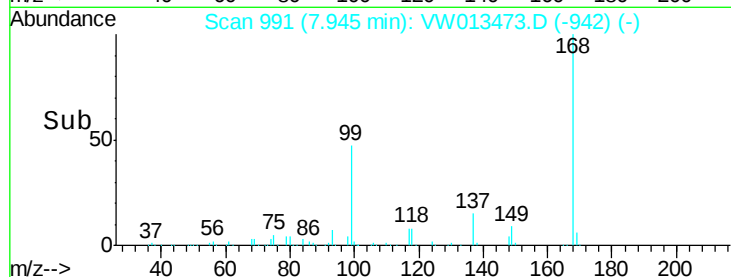
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 7.597 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW013473.D

Acq: 07 Oct 2019 19:29

Tgt Ion: 84 Resp: 29249

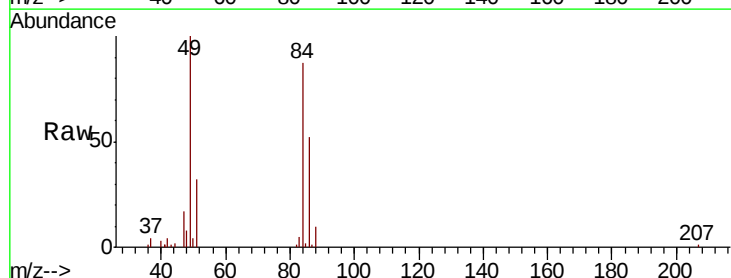
Ion Ratio Lower Upper

84 100

49 115.0 97.6 146.4

51 36.7 30.2 45.2

86 60.2 50.6 76.0



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

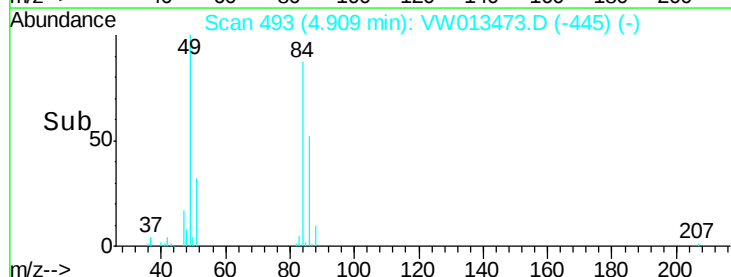
15000

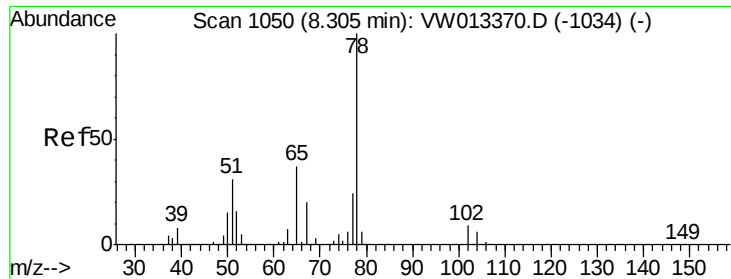
10000

5000

0

Time--> 4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 49.514 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013473.D

Acq: 07 Oct 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

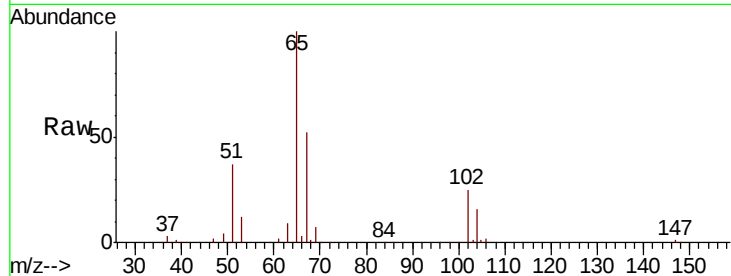
STONE-COMP

Tot Ion: 65 Resp: 124157

Ion Ratio Lower Upper

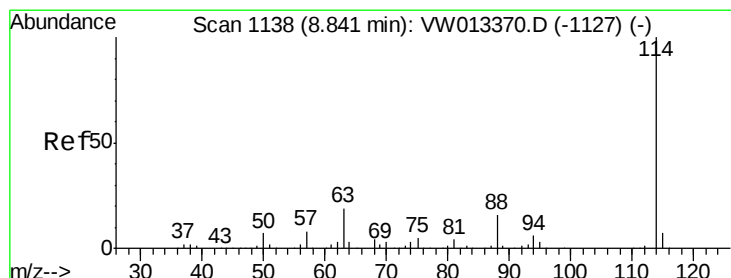
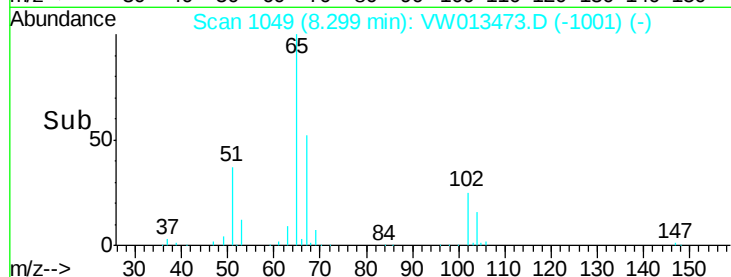
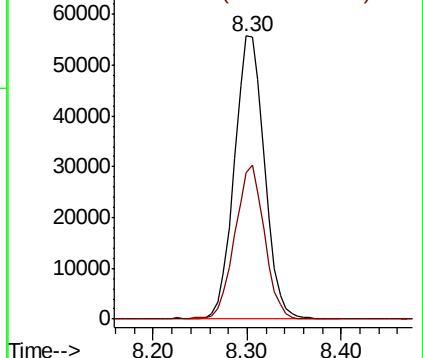
65 100

67 53.4 0.0 106.2



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: VW013473.D

Acq: 07 Oct 2019 19:29

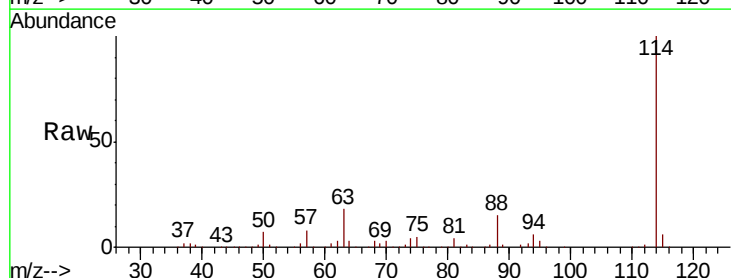
Tgt Ion: 114 Resp: 495826

Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.4

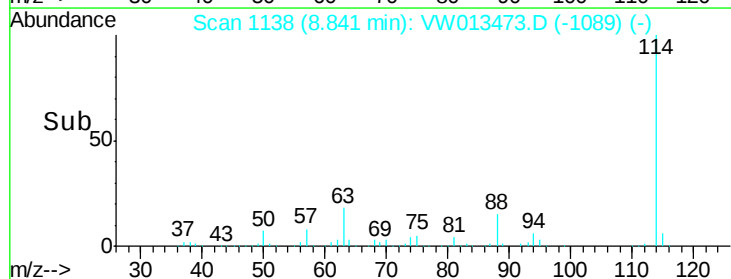
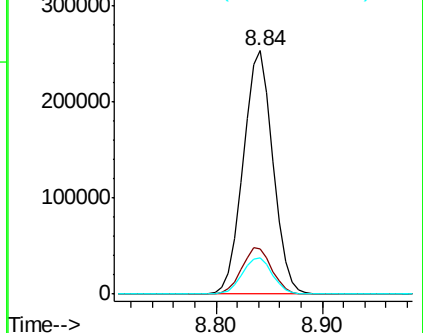
88 15.0 0.0 32.0

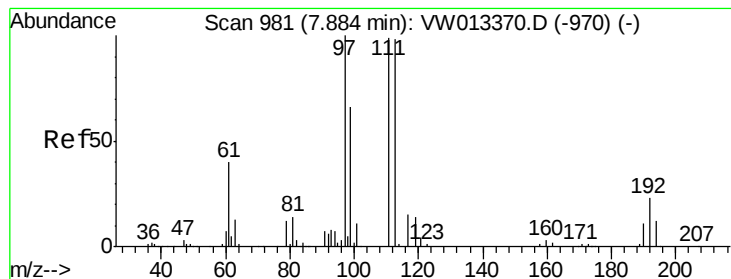


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.726 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013473.D

Acq: 07 Oct 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

STONE-COMP

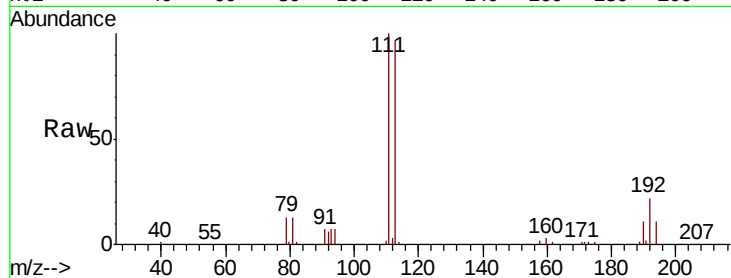
Tot Ion:113 Resp: 134576

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

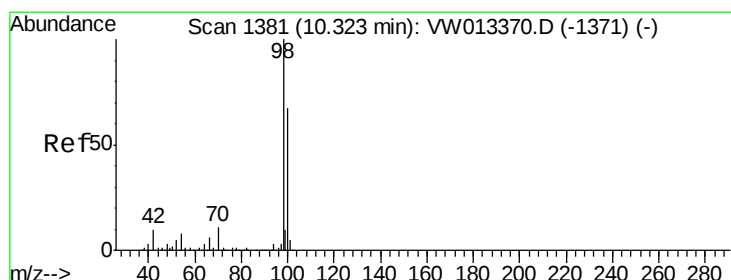
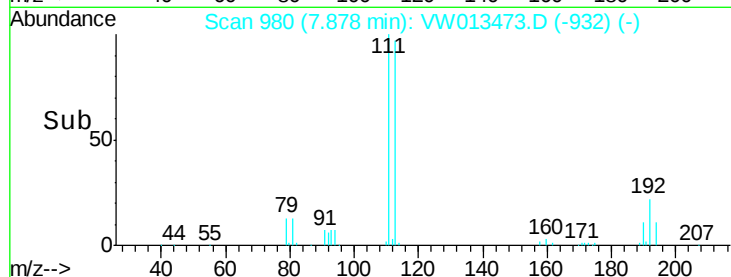
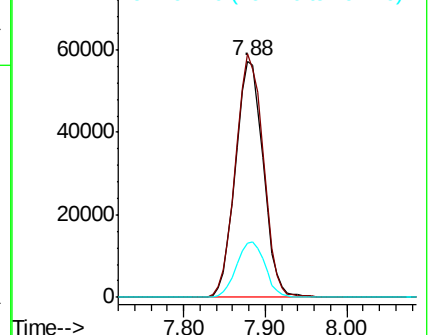
192 23.9 19.1 28.7



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: 52.878 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013473.D

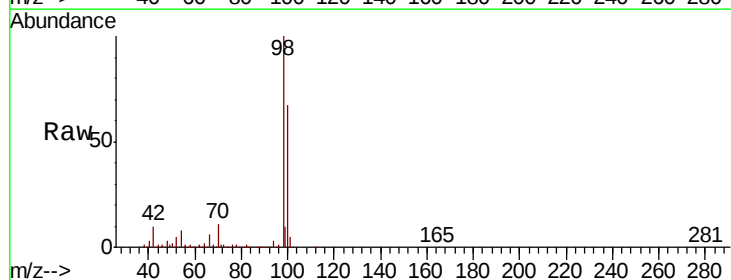
Acq: 07 Oct 2019 19:29

Tgt Ion: 98 Resp: 570909

Ion Ratio Lower Upper

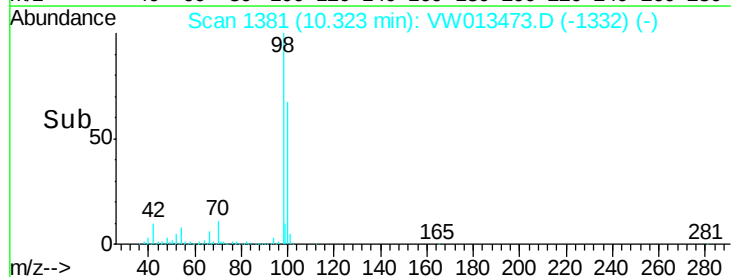
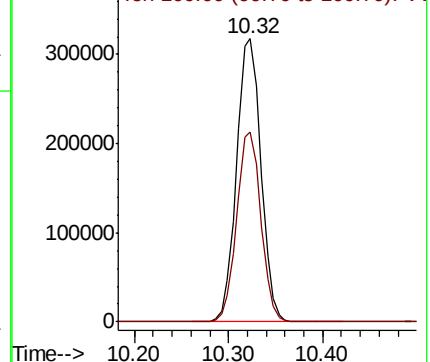
98 100

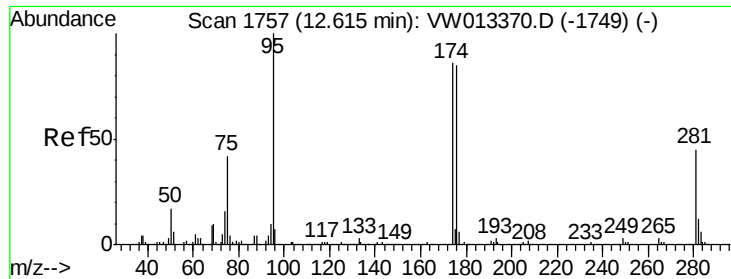
100 66.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 49.921 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013473.D

Acq: 07 Oct 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

STONE-COMP

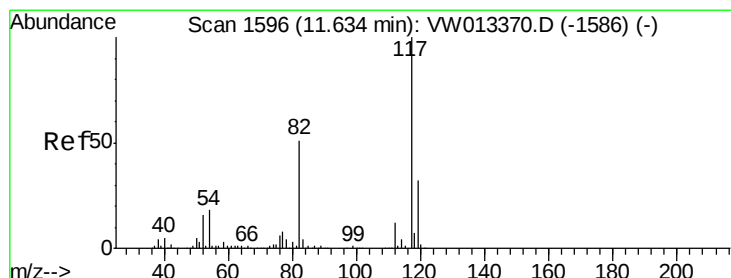
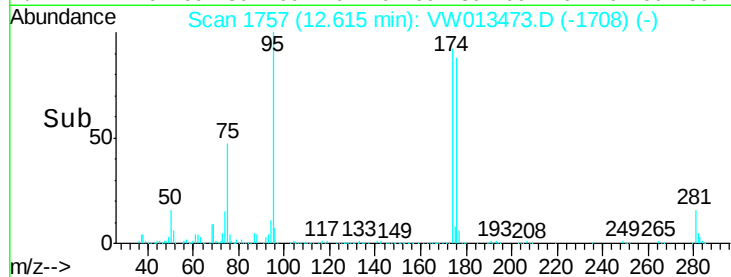
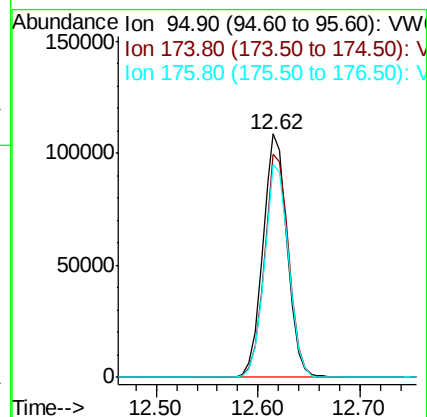
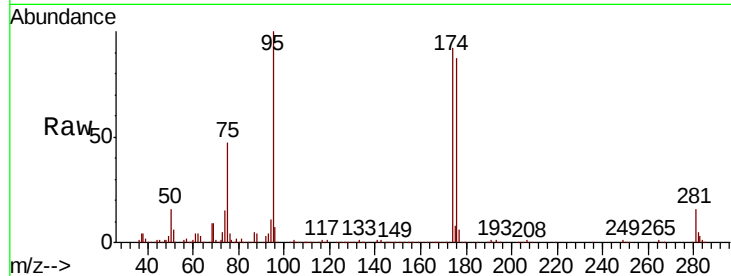
Tot Ion: 95 Resp: 179986

Ion Ratio Lower Upper

95 100

174 92.0 0.0 178.4

176 87.4 0.0 172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW013473.D

Acq: 07 Oct 2019 19:29

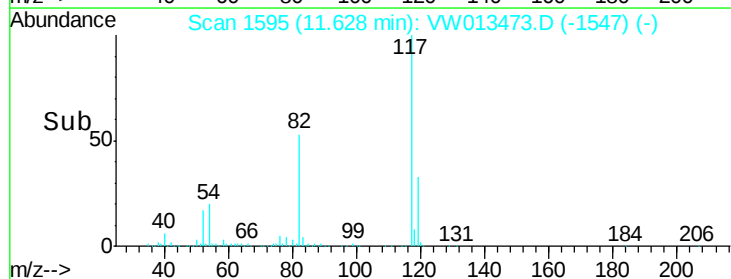
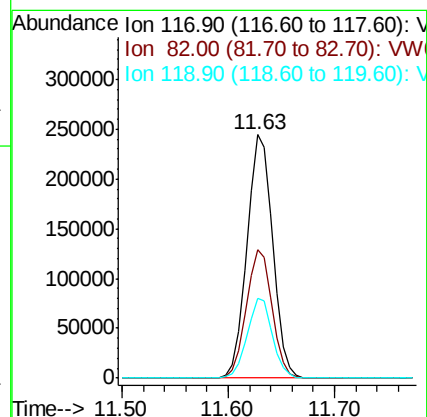
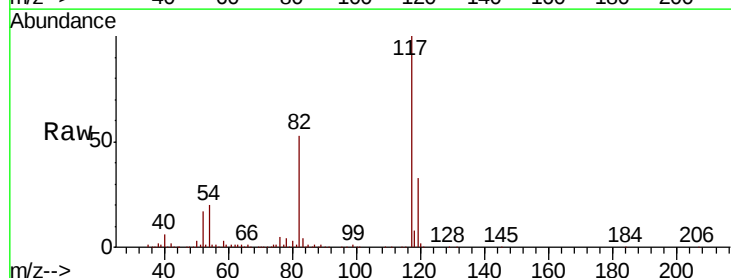
Tgt Ion: 117 Resp: 415786

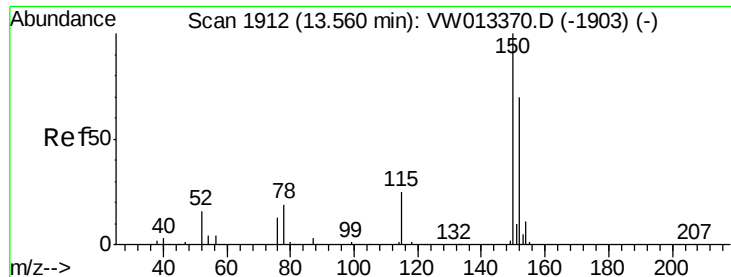
Ion Ratio Lower Upper

117 100

82 52.6 45.9 68.9

119 32.9 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013473.D

Acq: 07 Oct 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

STONE-COMP

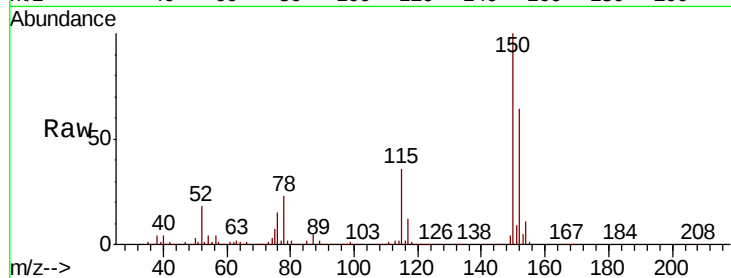
Tot Ion:152 Resp: 184159

Ion Ratio Lower Upper

152 100

115 55.0 27.3 81.9

150 157.2 0.0 349.0



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

