

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091119\
 Data File : VW012914.D
 Acq On : 11 Sep 2019 13:52
 Operator : SY/VA
 Sample : K4625-01
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HF-01

Quant Time: Sep 13 03:42:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

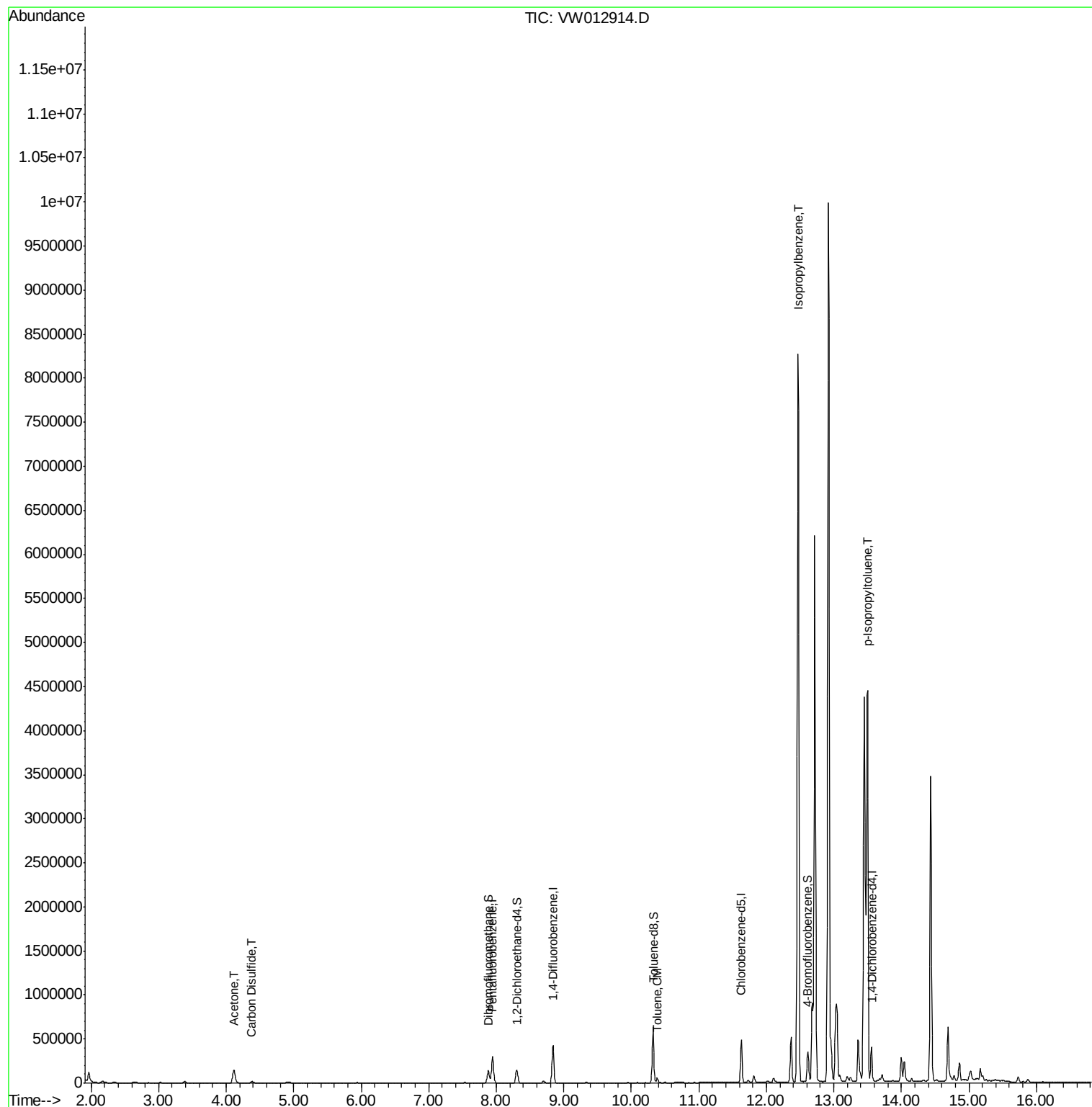
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	81241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125376	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
35) Dibromofluoromethane	7.88	113	102859	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	10.32	98	405097	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.62	95	108630	36.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.54%	
Target Compounds						
16) Acetone	4.11	43	262800	372.769	ug/l	99
17) Carbon Disulfide	4.37	76	14582	3.594	ug/l	96
52) Toluene	10.38	92	26111	4.857	ug/l	99
73) Isopropylbenzene	12.47	105	342531	58.785	ug/l #	62
86) p-Isopropyltoluene	13.50	119	2595080	471.603	ug/l	94

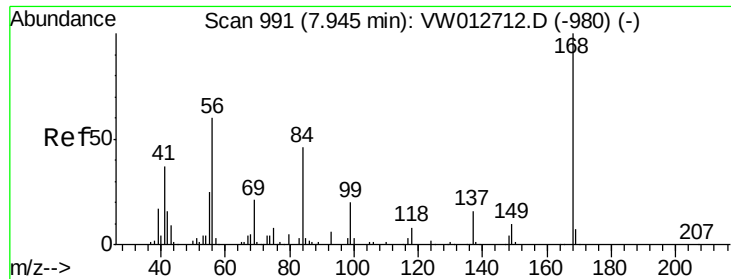
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012914.D

Acq: 11 Sep 2019 13:52

Instrument :

MSVOA_W

ClientSampleId :

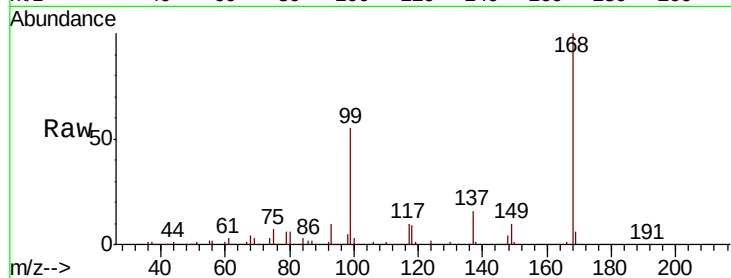
HF-01

Tot Ion:168 Resp: 231444

Ion Ratio Lower Upper

168 100

99 55.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

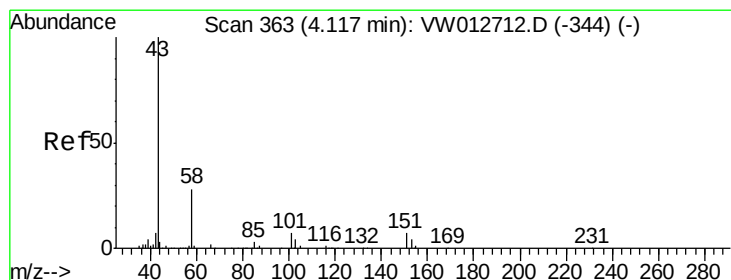
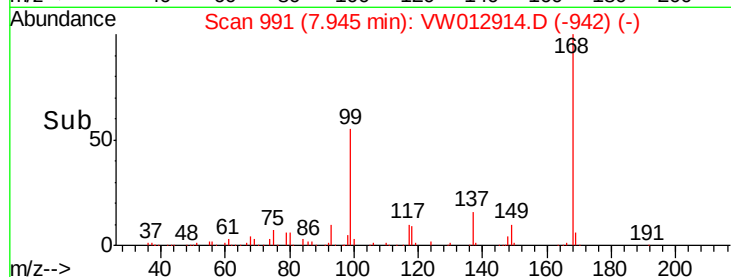
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 372.769 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012914.D

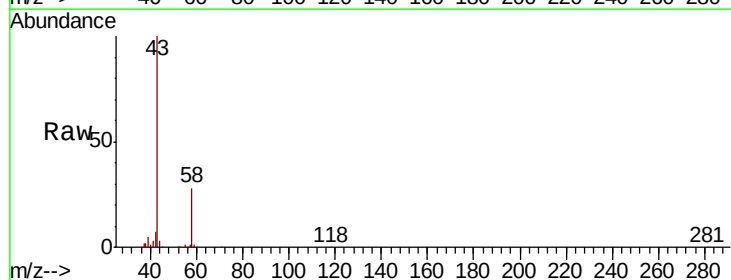
Acq: 11 Sep 2019 13:52

Tgt Ion: 43 Resp: 262800

Ion Ratio Lower Upper

43 100

58 27.8 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

100000

80000

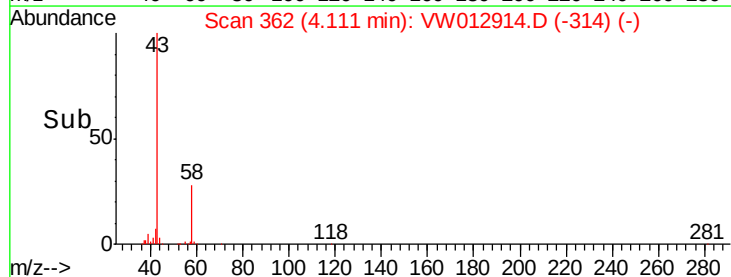
60000

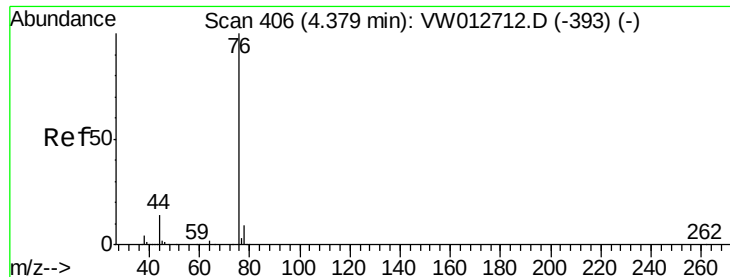
40000

20000

0

Time-->





#17

Carbon Disulfide

Concen: 3.594 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW012914.D

Acq: 11 Sep 2019 13:52

Instrument :

MSVOA_W

ClientSampleId :

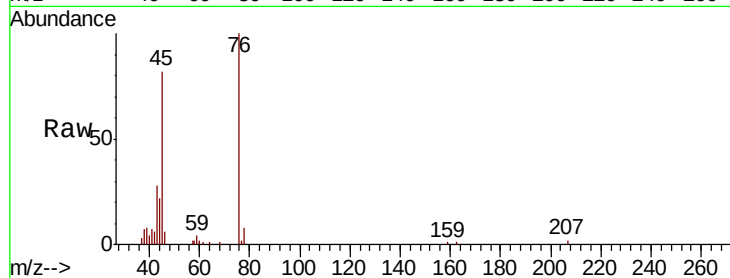
HF-01

Tot Ion: 76 Resp: 14582

Ion Ratio Lower Upper

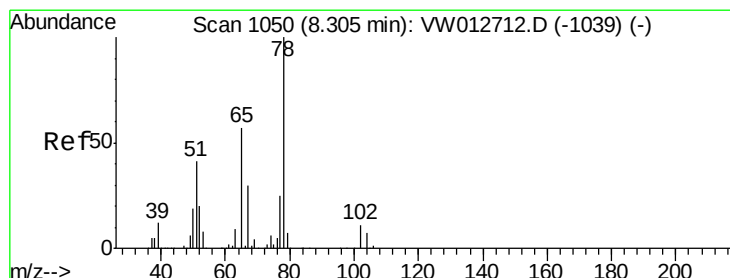
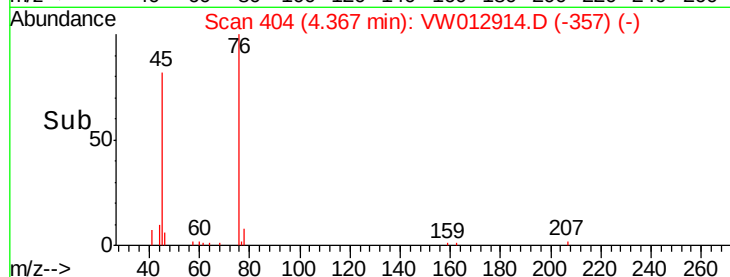
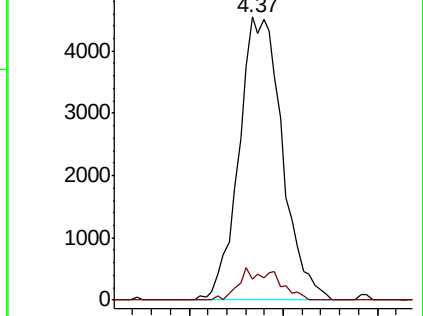
76 100

78 7.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 48.483 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012914.D

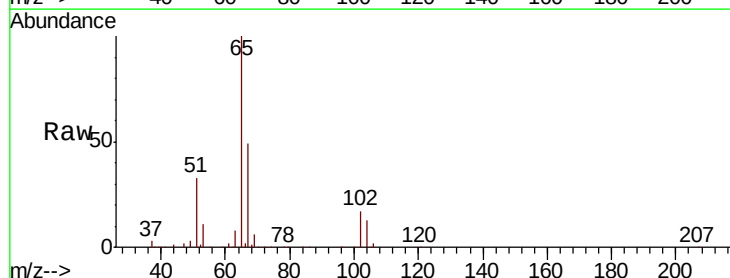
Acq: 11 Sep 2019 13:52

Tgt Ion: 65 Resp: 125376

Ion Ratio Lower Upper

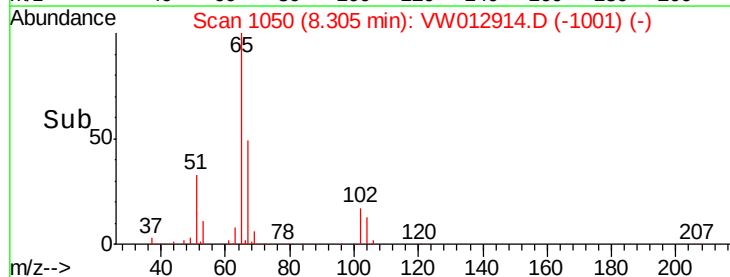
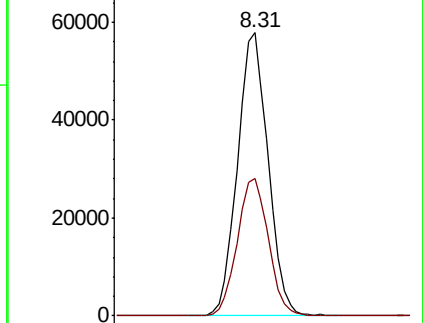
65 100

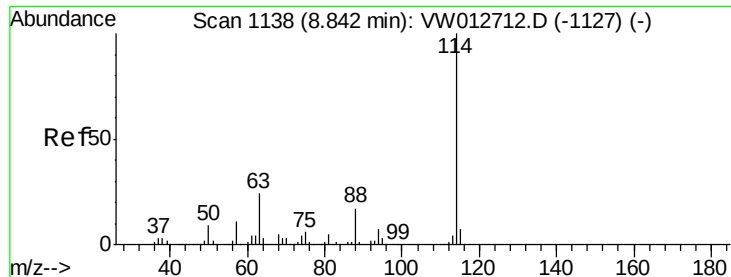
67 49.4 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

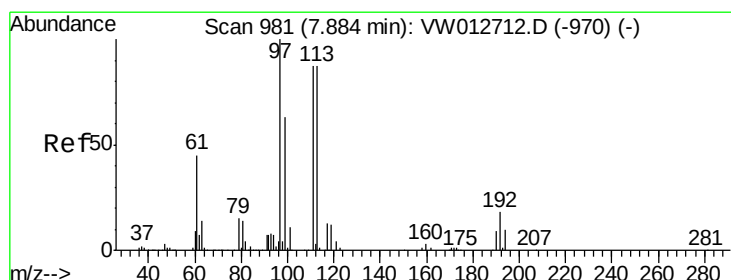
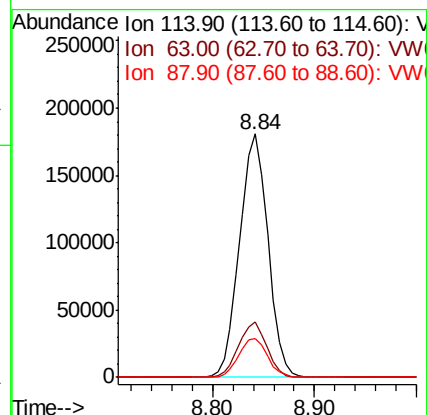
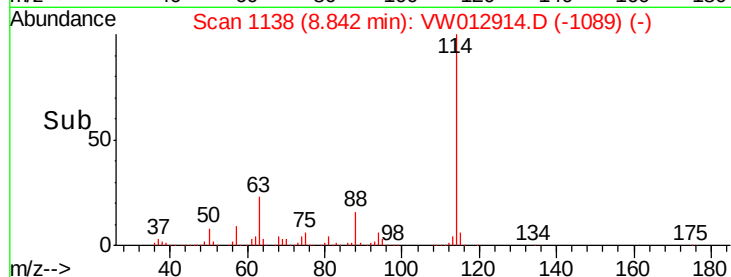
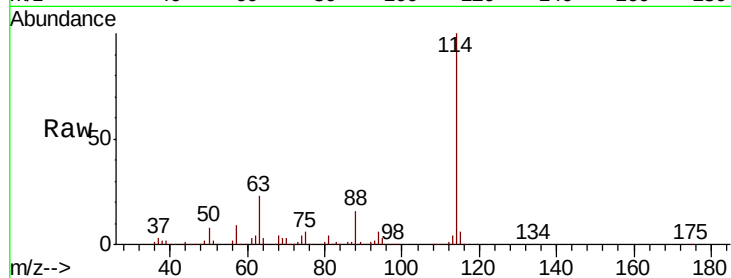




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012914.D
 Acq: 11 Sep 2019 13:52

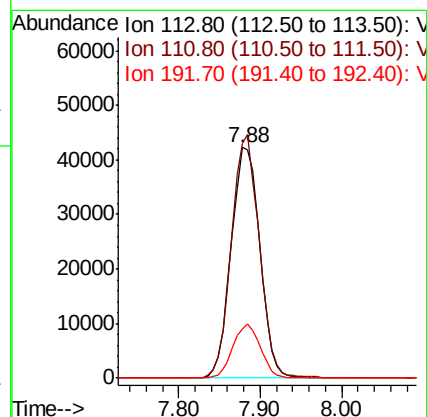
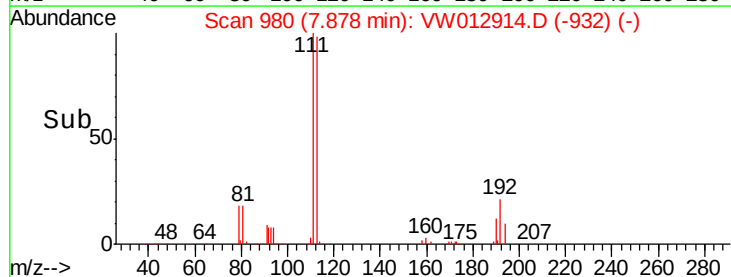
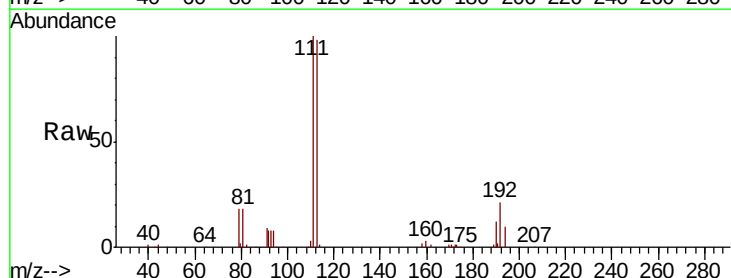
Instrument :
 MSVOA_W
 ClientSampleId :
 HF-01

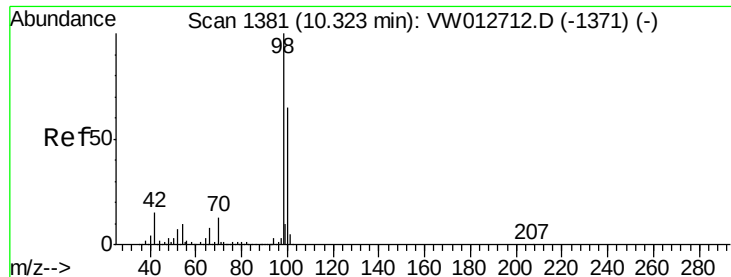
Tot Ion:	114	Resp:	349391
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	47.2
88	16.2	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 49.517 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012914.D
 Acq: 11 Sep 2019 13:52

Tgt Ion:	113	Resp:	102859
Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.2	120.4
192	22.4	17.3	25.9

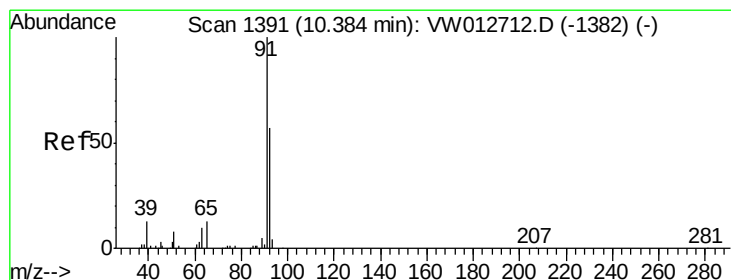
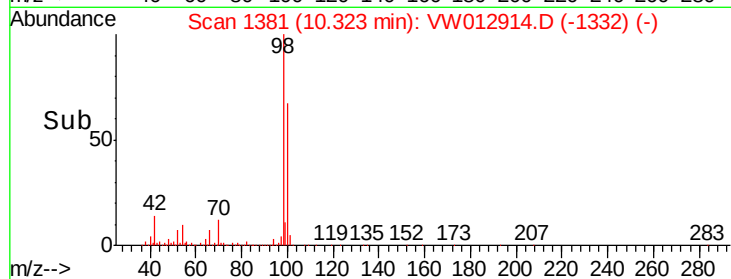
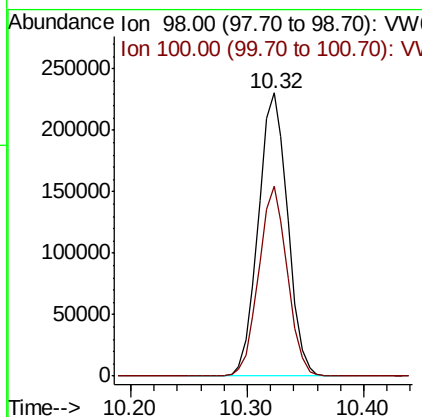
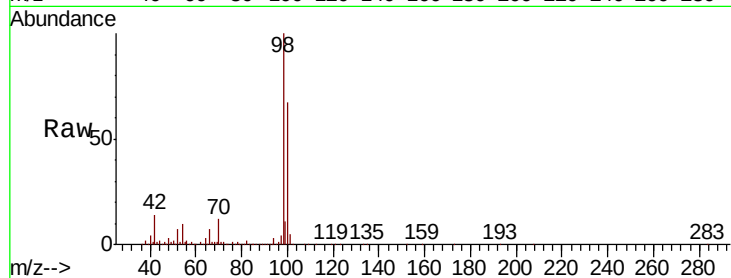




#50
Toluene-d8
Concen: 49.778 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012914.D
Acq: 11 Sep 2019 13:52

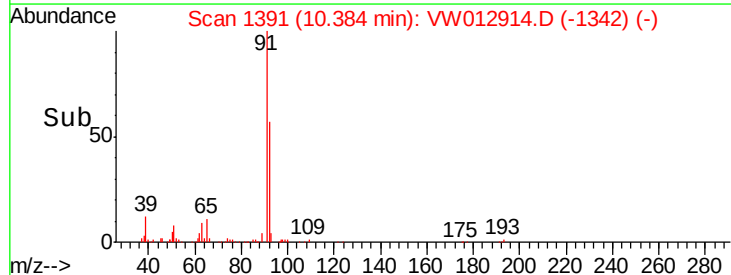
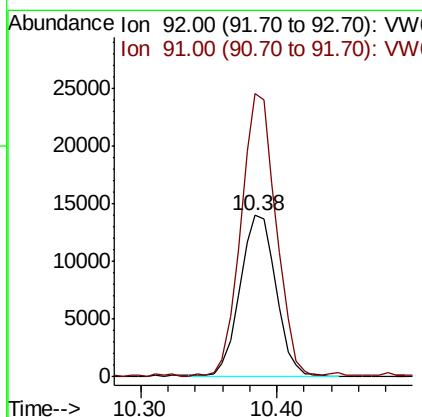
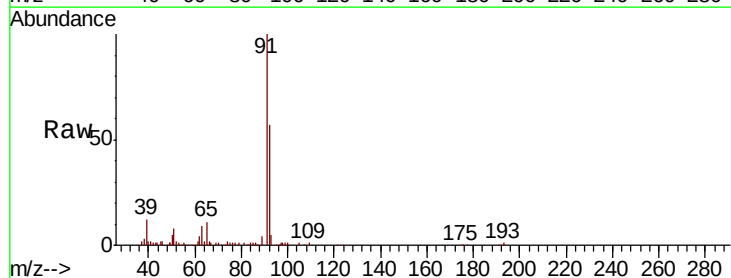
Instrument :
MSVOA_W
ClientSampled :
HF-01

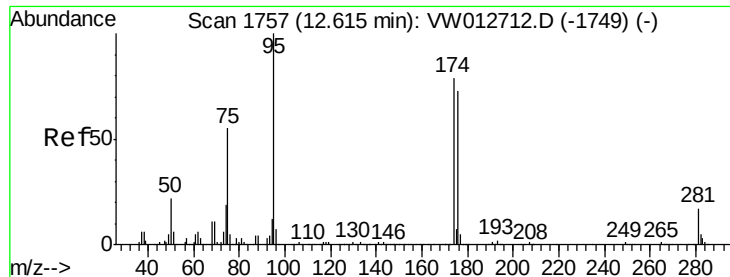
Tot Ion: 98 Resp: 405097
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#52
Toluene
Concen: 4.857 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW012914.D
Acq: 11 Sep 2019 13:52

Tgt Ion: 92 Resp: 26111
Ion Ratio Lower Upper
92 100
91 170.2 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 36.769 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012914.D

Acq: 11 Sep 2019 13:52

Instrument :

MSVOA_W

ClientSampled :

HF-01

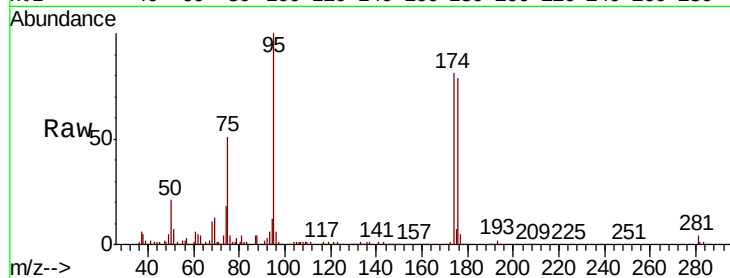
Tot Ion: 95 Resp: 108630

Ion Ratio Lower Upper

95 100

174 83.5 0.0 161.0

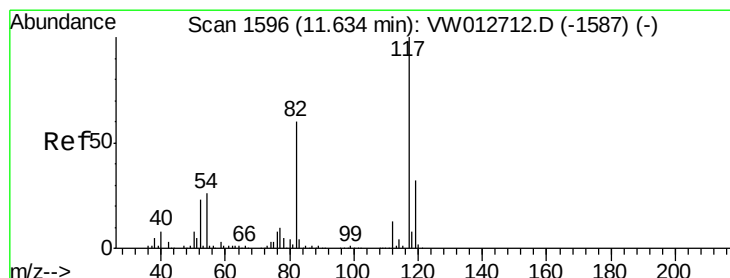
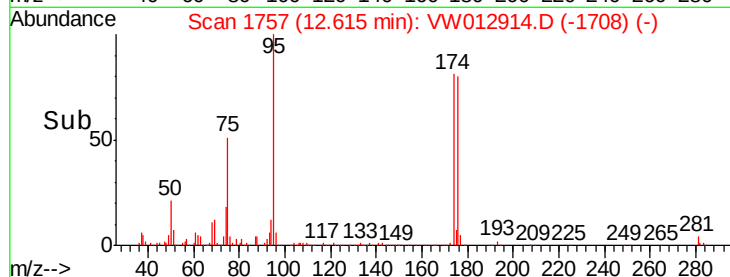
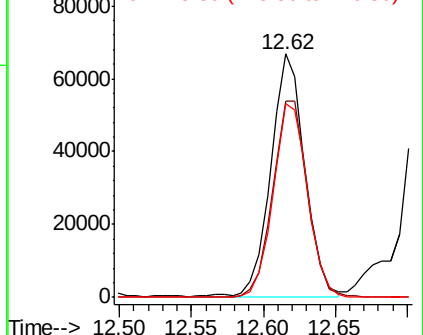
176 81.5 0.0 156.4



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: VW012914.D

Acq: 11 Sep 2019 13:52

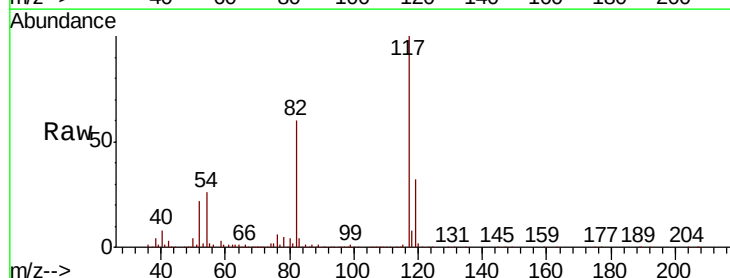
Tgt Ion: 117 Resp: 264251

Ion Ratio Lower Upper

117 100

82 59.9 48.2 72.4

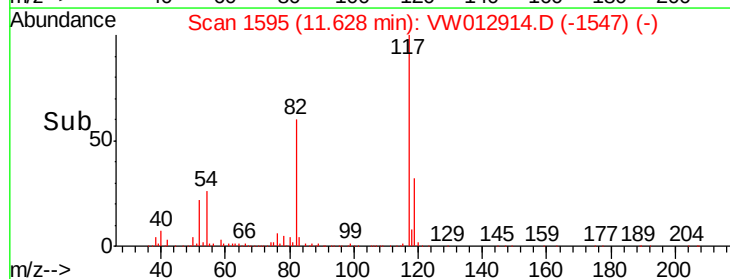
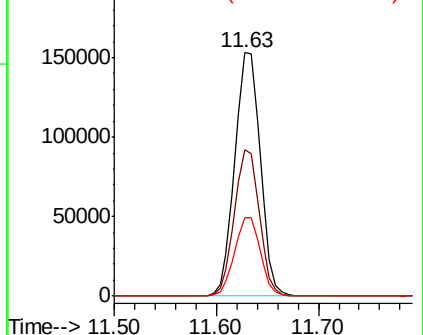
119 32.0 25.8 38.6

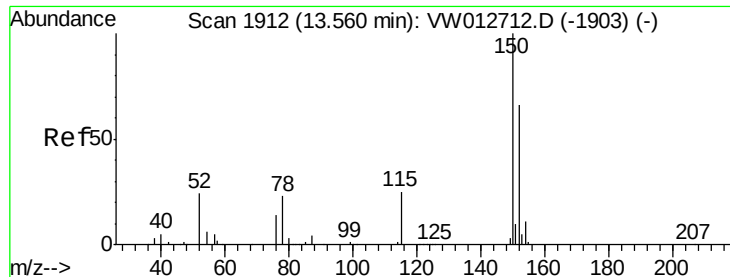


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

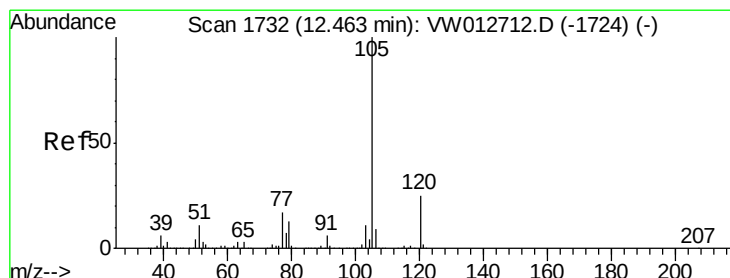
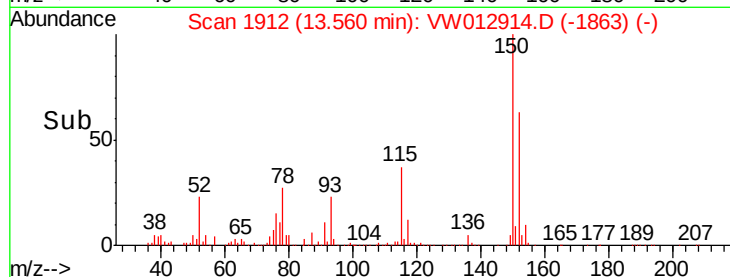
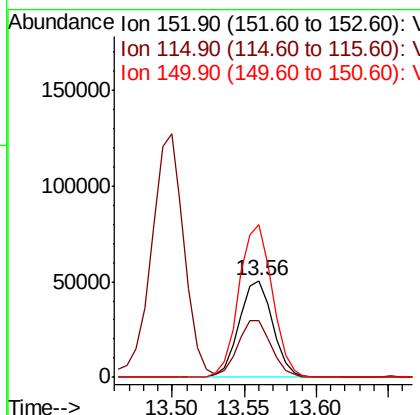
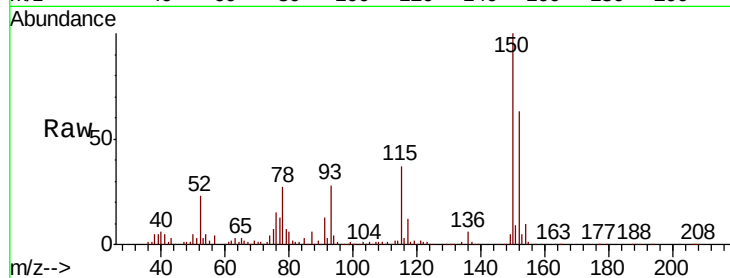




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW012914.D
 Acq: 11 Sep 2019 13:52

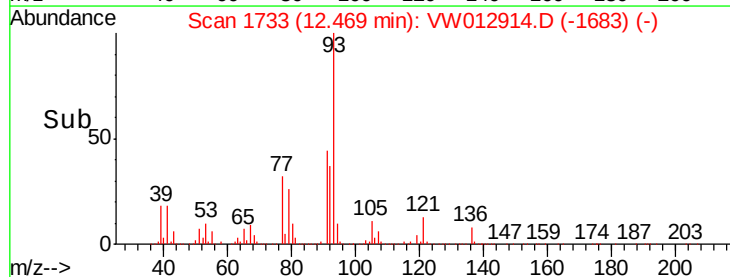
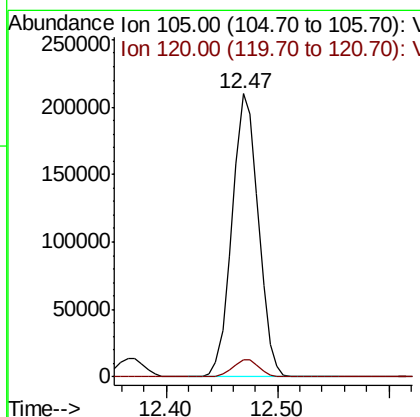
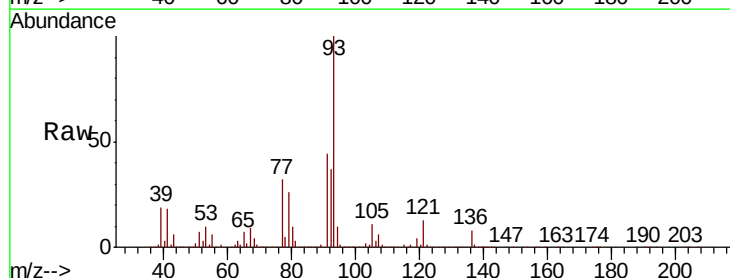
Instrument :
 MSVOA_W
 ClientSampleId :
 HF-01

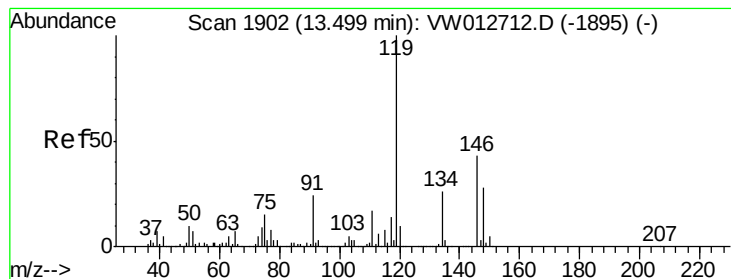
Tot Ion:152 Resp: 81241
 Ion Ratio Lower Upper
 152 100
 115 58.8 30.0 90.1
 150 158.4 0.0 349.0



#73
 Isopropylbenzene
 Concen: 58.785 ug/l
 RT: 12.47 min Scan# 1733
 Delta R.T. 0.01 min
 Lab File: VW012914.D
 Acq: 11 Sep 2019 13:52

Tgt Ion:105 Resp: 342531
 Ion Ratio Lower Upper
 105 100
 120 6.3 13.0 38.9#





#86

p-Isopropyltoluene

Concen: 471.603 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012914.D

Acq: 11 Sep 2019 13:52

Instrument :

MSVOA_W

ClientSampleId :

HF-01

Tot Ion:119 Resp: 2595080

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.1

91 30.4 12.2 36.6

