

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012084.D
 Acq On : 21 Aug 2019 21:36
 Operator : SY/VA
 Sample : K4403-05
 Misc : 5.50G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H4(0)

Quant Time: Aug 22 06:58:24 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

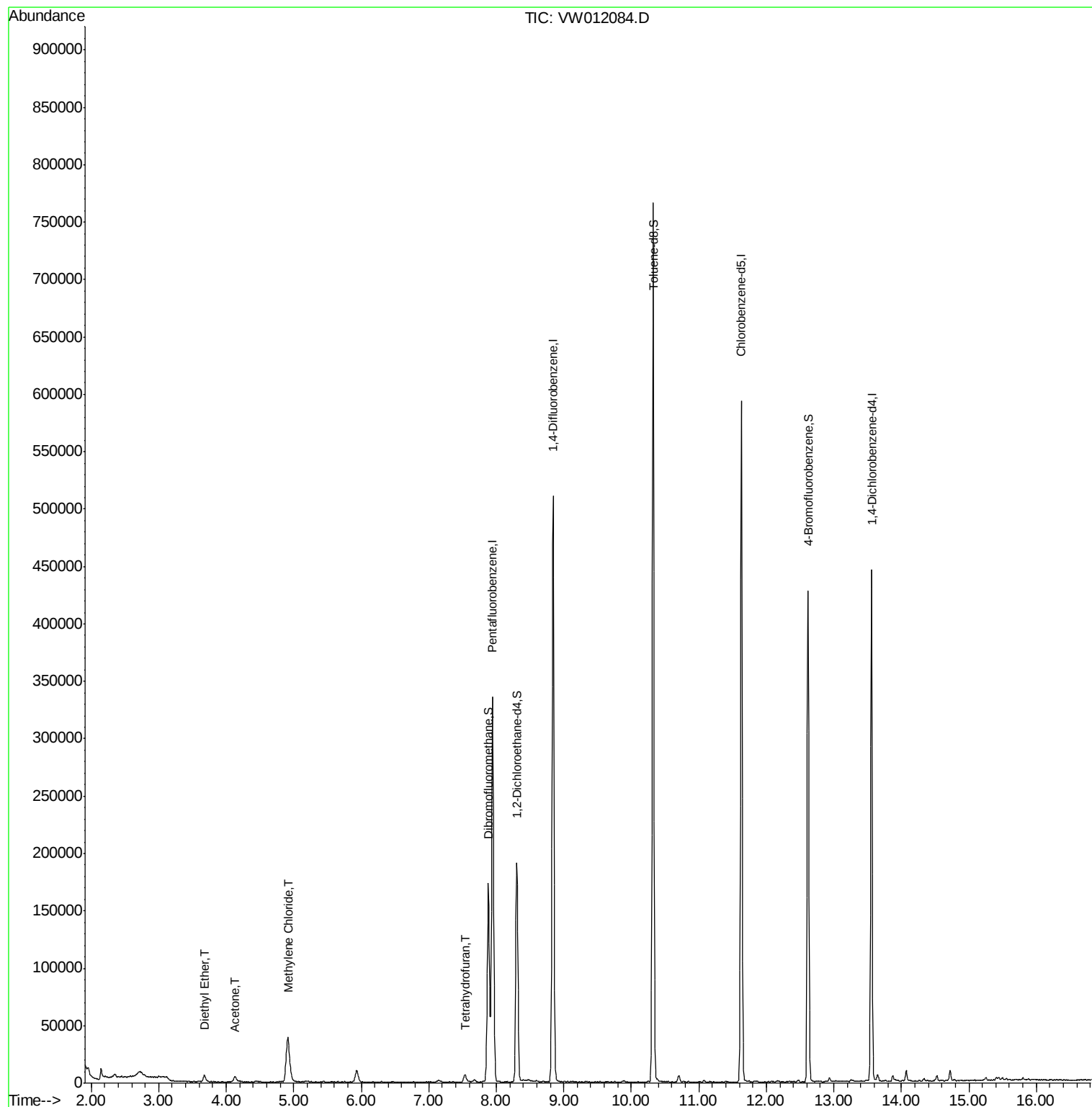
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153342	56.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.22%	
35) Dibromofluoromethane	7.88	113	122516	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
50) Toluene-d8	10.32	98	482462	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.62	95	139975	42.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.76%	
Target Compounds						
8) Diethyl Ether	3.68	74	3121	2.224	ug/l	95
16) Acetone	4.13	43	9684	11.139	ug/l	96
20) Methylene Chloride	4.91	84	30613	10.210	ug/l	96
29) Tetrahydrofuran	7.53	42	6033	9.278	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
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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: VW012084.D

Acq: 21 Aug 2019 21:36

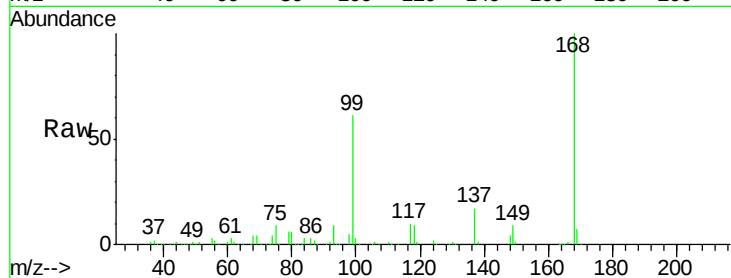
Instrument :
MSVOA_W
ClientSampleId :
T1-H4-(0)

Tot Ion:168 Resp: 238007

Ion Ratio Lower Upper

168 100

99 60.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

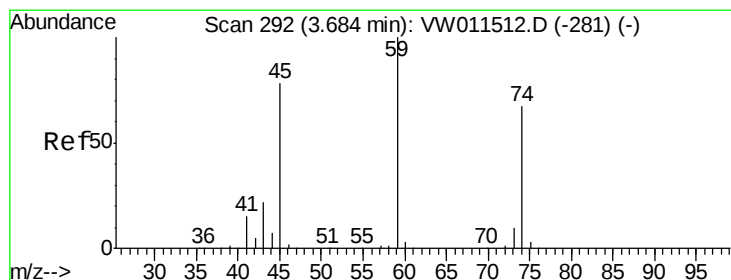
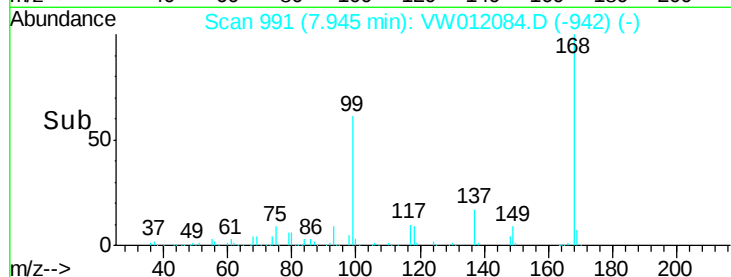
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.224 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW012084.D

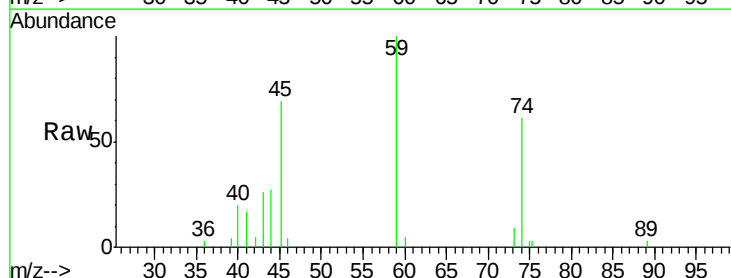
Acq: 21 Aug 2019 21:36

Tgt Ion: 74 Resp: 3121

Ion Ratio Lower Upper

74 100

45 125.1 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

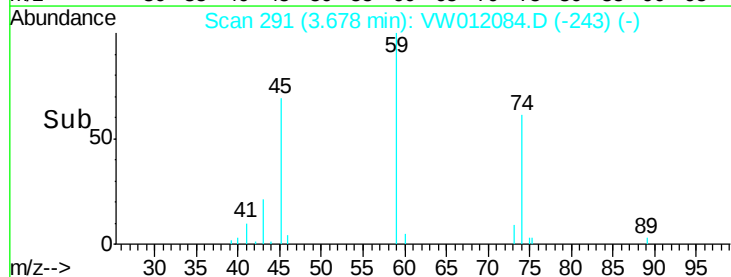
1500

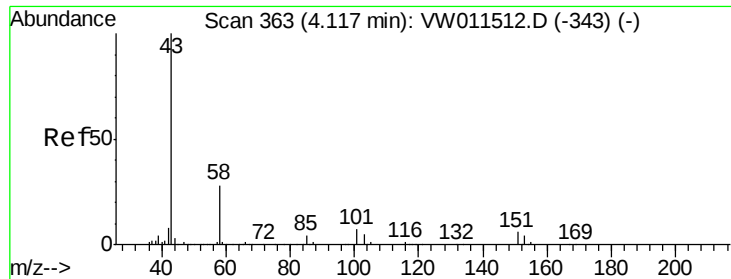
1000

500

0

Time-->

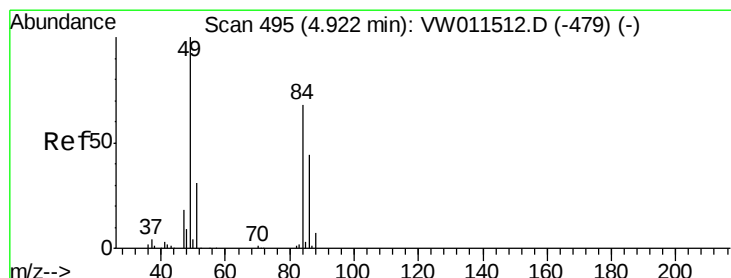
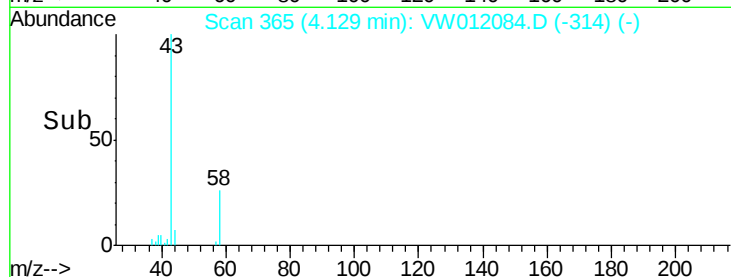
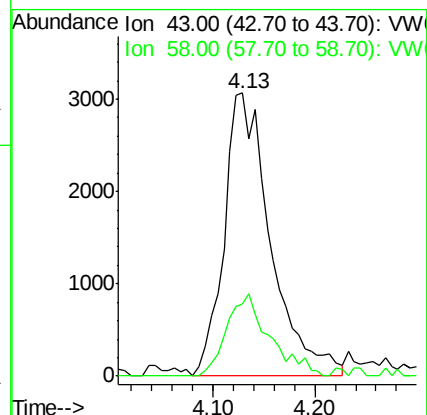
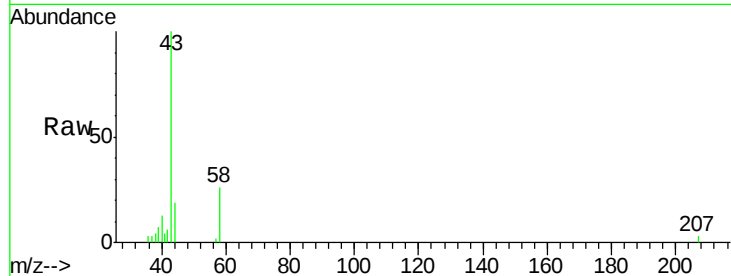




#16
Acetone
Concen: 11.139 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW012084.D
Acq: 21 Aug 2019 21:36

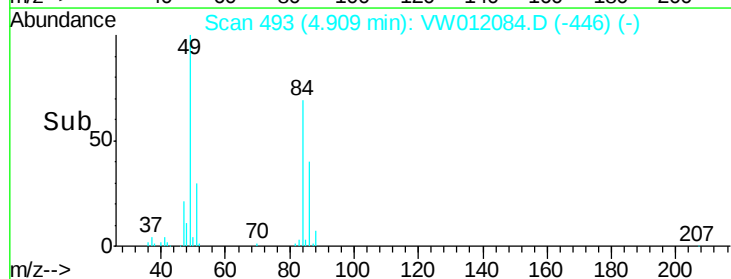
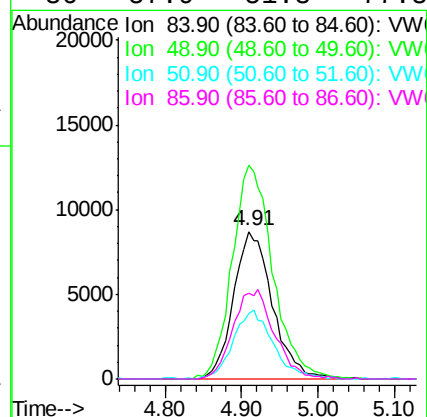
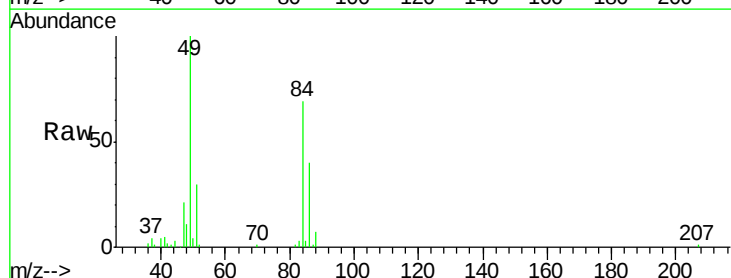
Instrument :
MSVOA_W
ClientSampleId :
T1-H4-(0)

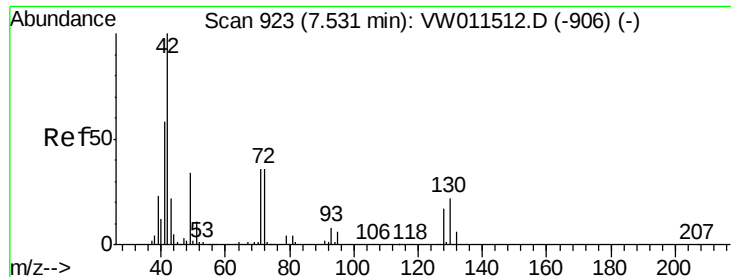
Tot Ion: 43 Resp: 9684
Ion Ratio Lower Upper
43 100
58 25.7 22.3 33.5



#20
Methylene Chloride
Concen: 10.210 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012084.D
Acq: 21 Aug 2019 21:36

Tgt Ion: 84 Resp: 30613
Ion Ratio Lower Upper
84 100
49 144.6 117.8 176.6
51 43.9 37.0 55.4
86 57.9 51.8 77.8

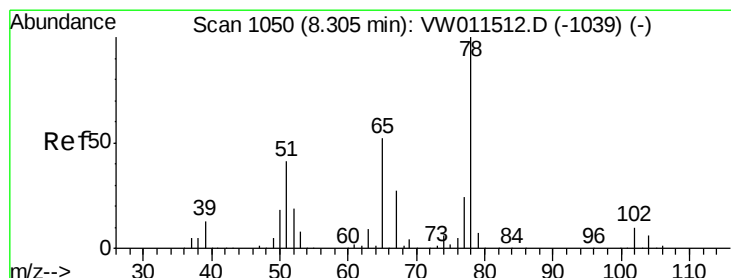
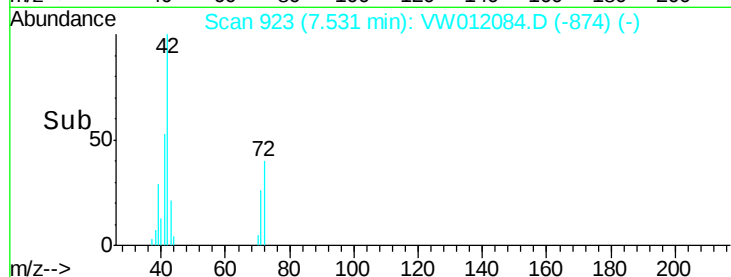
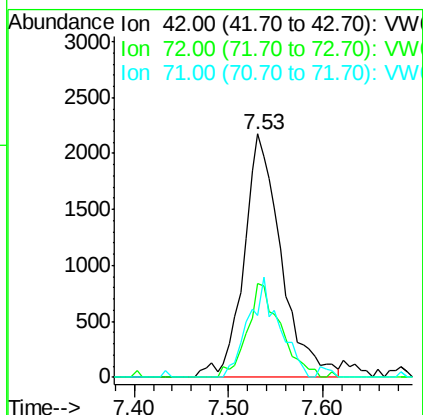
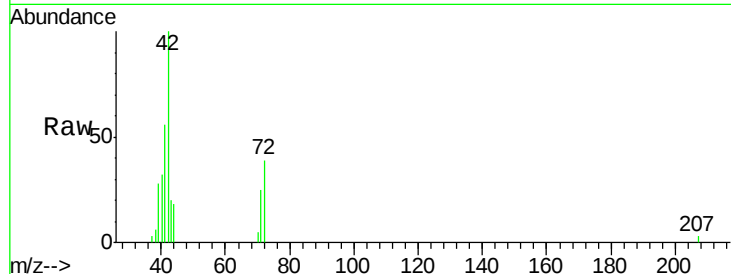




#29
Tetrahydrofuran
Concen: 9.278 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012084.D
Acq: 21 Aug 2019 21:36

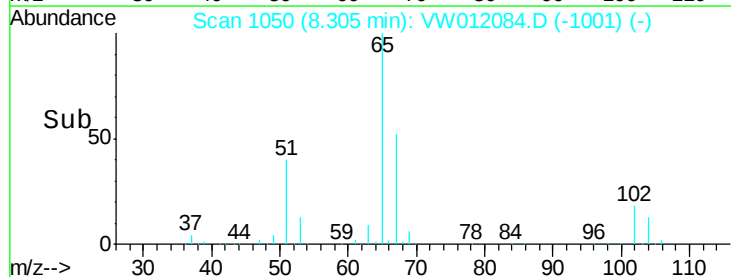
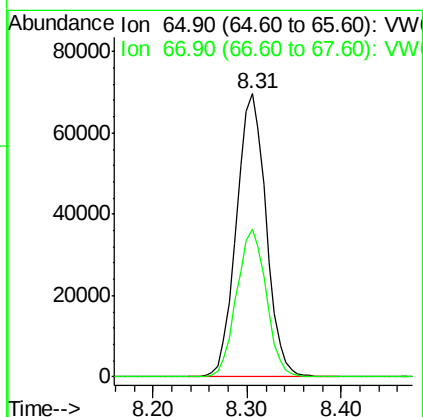
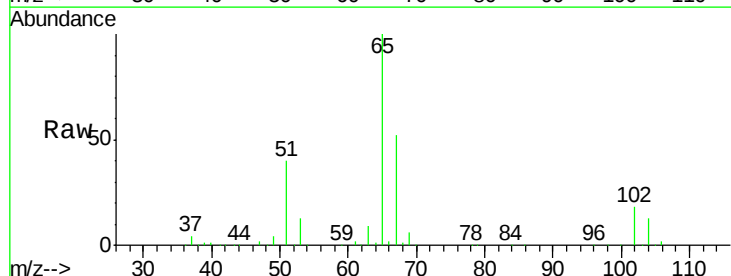
Instrument :
MSVOA_W
ClientSampled :
T1-H4-(0)

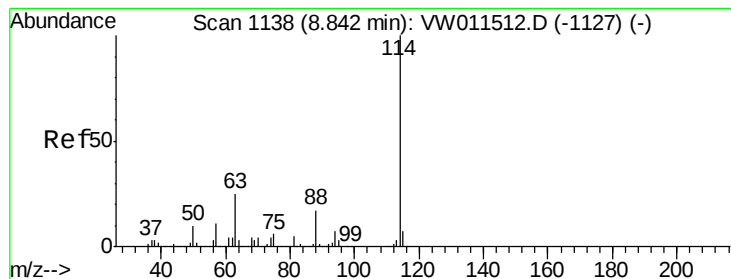
Tot Ion: 42 Resp: 6033
Ion Ratio Lower Upper
42 100
72 34.5 27.1 40.7
71 33.6 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 56.108 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012084.D
Acq: 21 Aug 2019 21:36

Tgt Ion: 65 Resp: 153342
Ion Ratio Lower Upper
65 100
67 52.2 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: VW012084.D

Acq: 21 Aug 2019 21:36

Instrument :

MSVOA_W

ClientSampled :

T1-H4-(0)

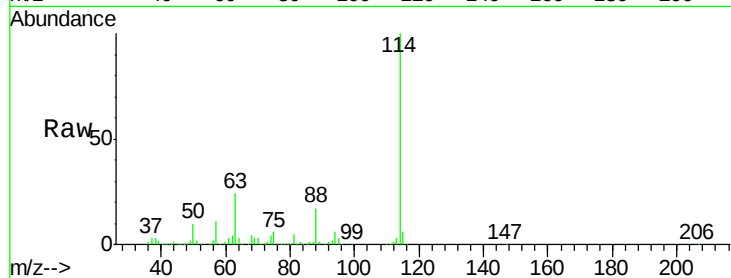
Tot Ion:114 Resp: 398596

Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.2

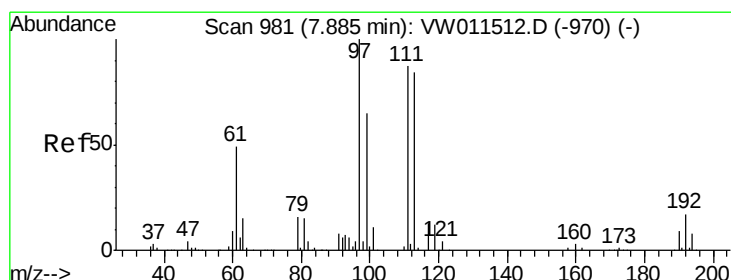
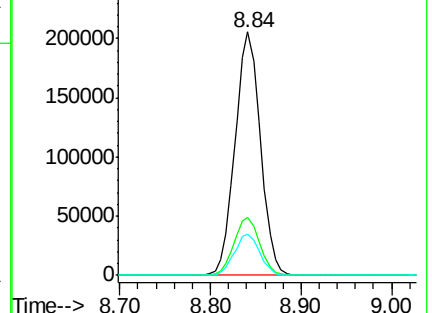
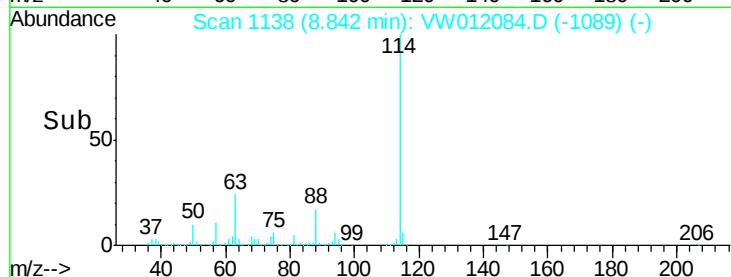
88 17.0 0.0 33.8



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: 54.788 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012084.D

Acq: 21 Aug 2019 21:36

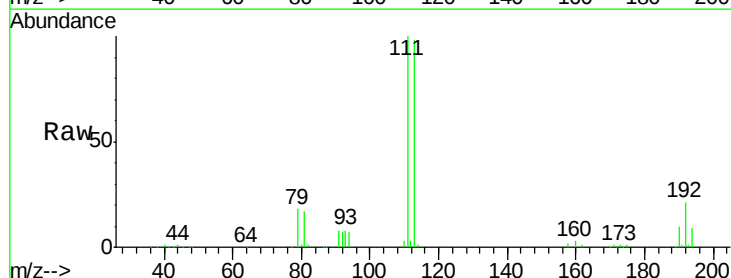
Tgt Ion:113 Resp: 122516

Ion Ratio Lower Upper

113 100

111 102.3 82.7 124.1

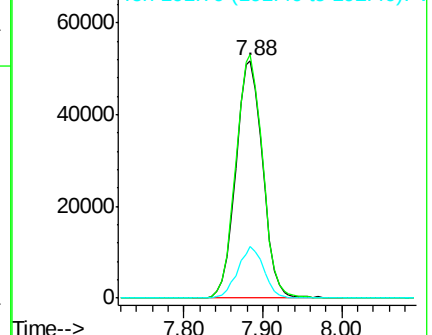
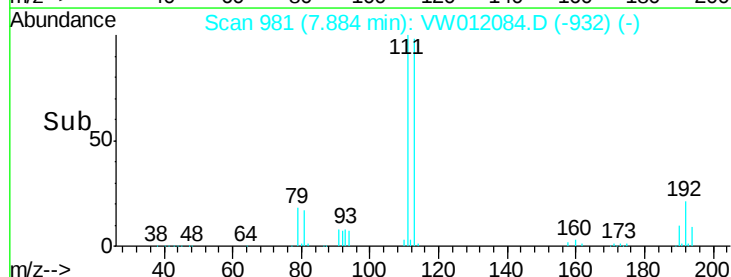
192 21.0 16.1 24.1

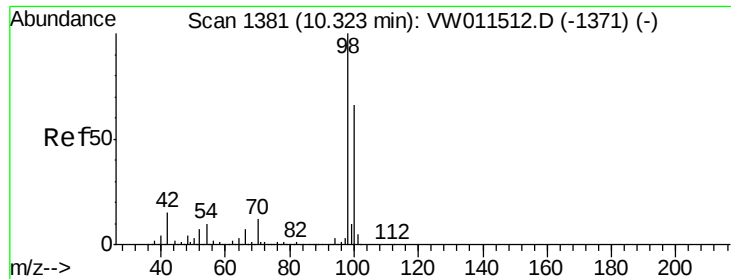


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.696 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012084.D

Acq: 21 Aug 2019 21:36

Instrument :

MSVOA_W

ClientSampleId :

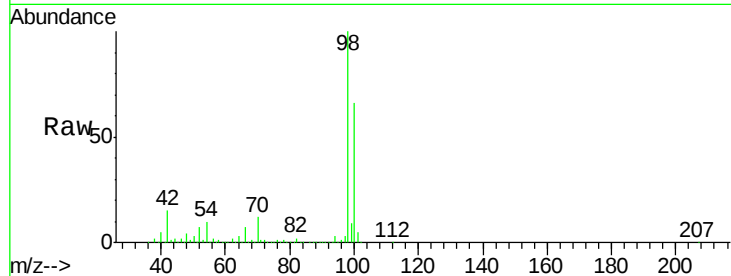
T1-H4-(0)

Tot Ion: 98 Resp: 482462

Ion Ratio Lower Upper

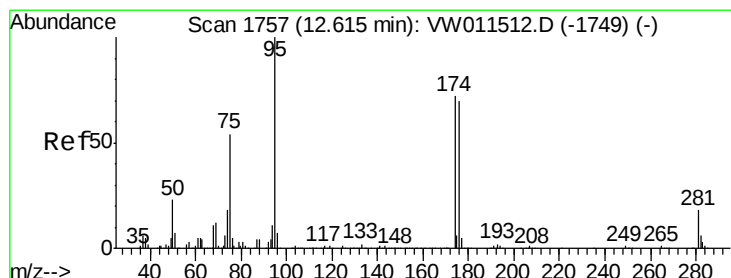
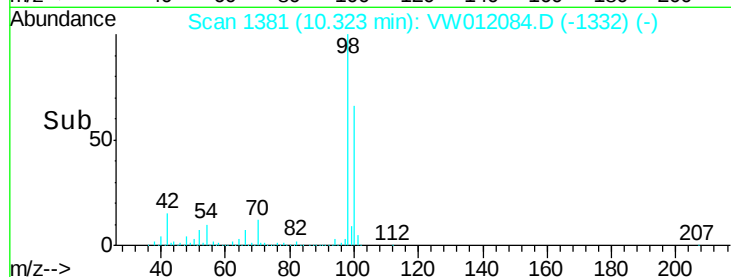
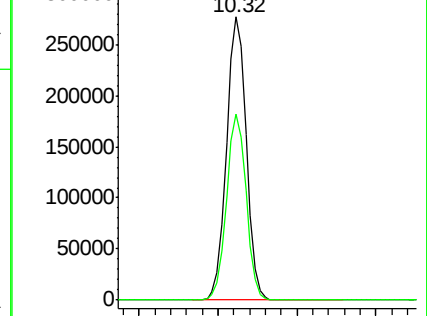
98 100

100 65.2 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: 42.882 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012084.D

Acq: 21 Aug 2019 21:36

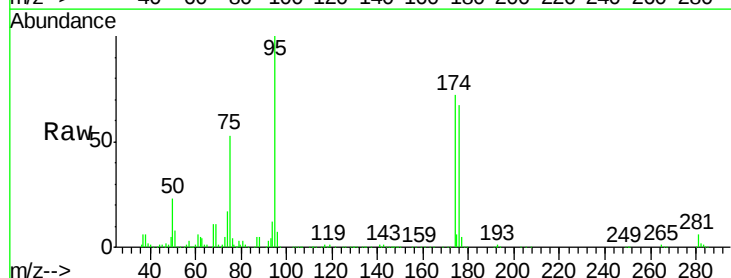
Tgt Ion: 95 Resp: 139975

Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.2

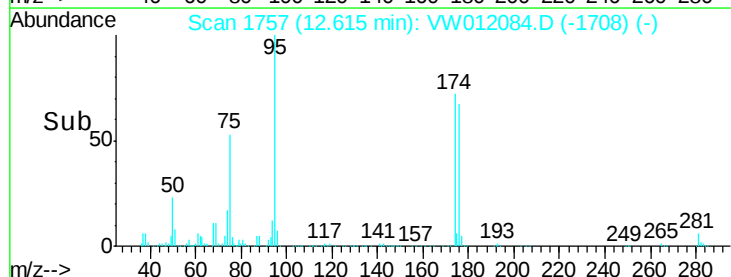
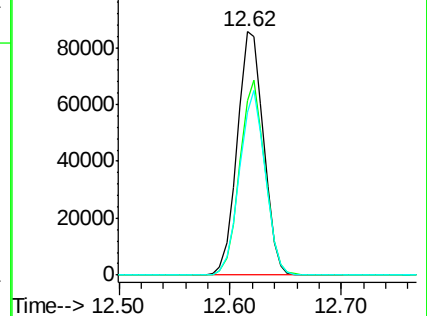
176 73.9 0.0 144.4

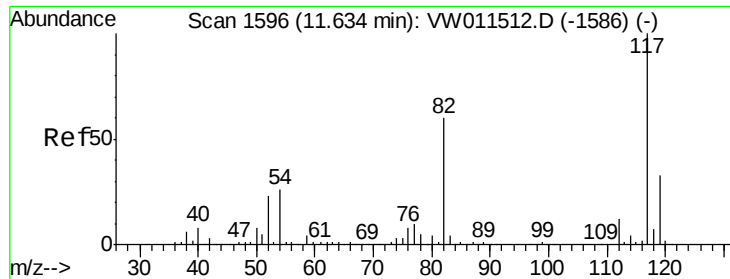


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

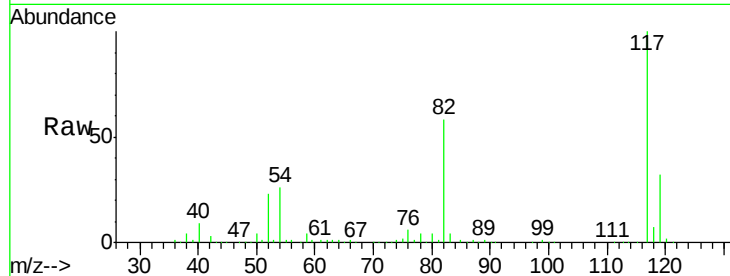




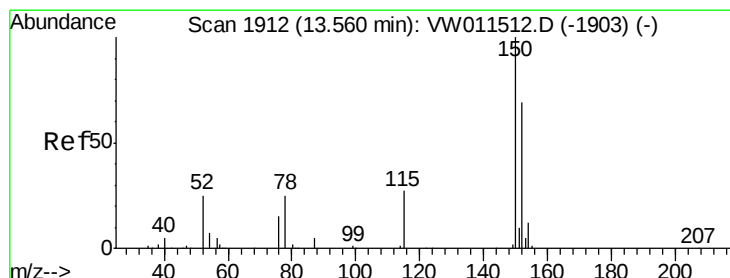
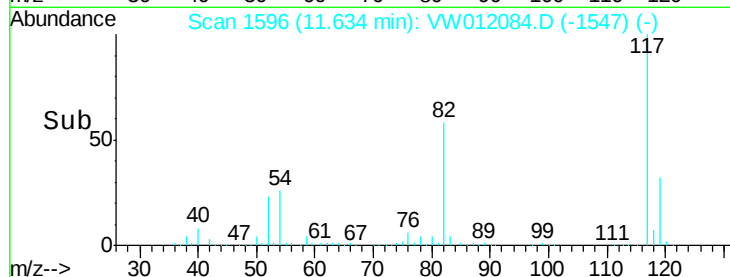
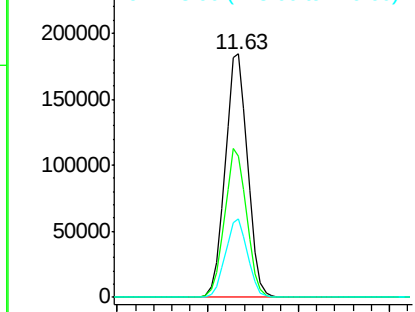
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012084.D
Acq: 21 Aug 2019 21:36

Instrument :
MSVOA_W
ClientSampleId :
T1-H4-(0)

Tot Ion:117 Resp: 320204
Ion Ratio Lower Upper
117 100
82 58.1 47.9 71.9
119 32.0 26.2 39.2

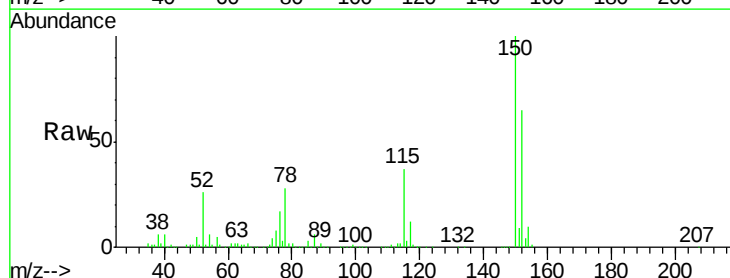


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012084.D
Acq: 21 Aug 2019 21:36

Tgt Ion:152 Resp: 111398
Ion Ratio Lower Upper
152 100
115 59.3 30.5 91.5
150 157.2 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

