

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012086.D
 Acq On : 21 Aug 2019 22:28
 Operator : SY/VA
 Sample : K4403-07
 Misc : 4.94G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H2-(2.5)

Quant Time: Aug 22 07:02:21 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

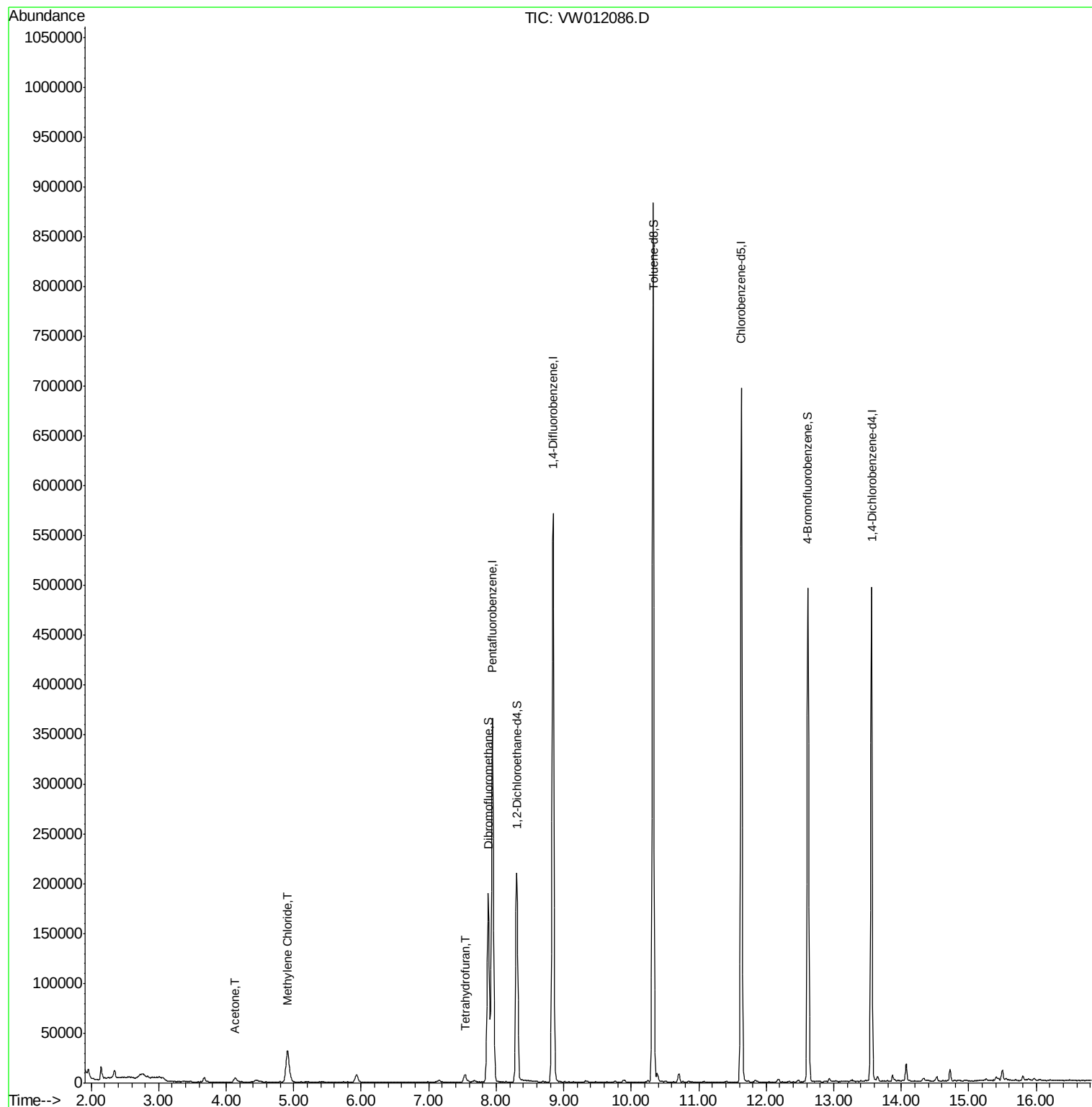
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	450981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	366079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	126437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	170518	55.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.10%	
35) Dibromofluoromethane	7.88	113	136772	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
50) Toluene-d8	10.32	98	551466	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.62	95	162484	44.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.00%	
Target Compounds						
16) Acetone	4.14	43	8902	9.035	ug/l	99
20) Methylene Chloride	4.91	84	23747	6.988	ug/l	94
29) Tetrahydrofuran	7.54	42	6431	8.726	ug/l	94

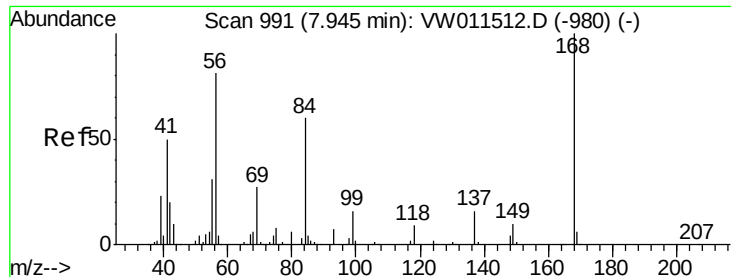
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VW012086.D

Acq: 21 Aug 2019 22:28

Instrument :

MSVOA_W

ClientSampleId :

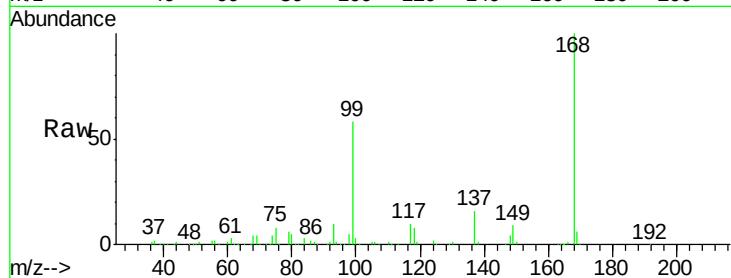
T1-H2-(2.5)

Tot Ion:168 Resp: 269749

Ion Ratio Lower Upper

168 100

99 58.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

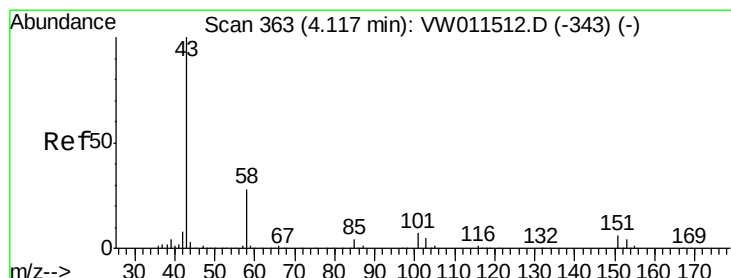
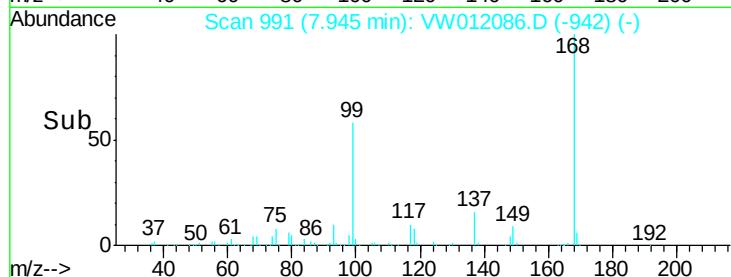
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 9.035 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012086.D

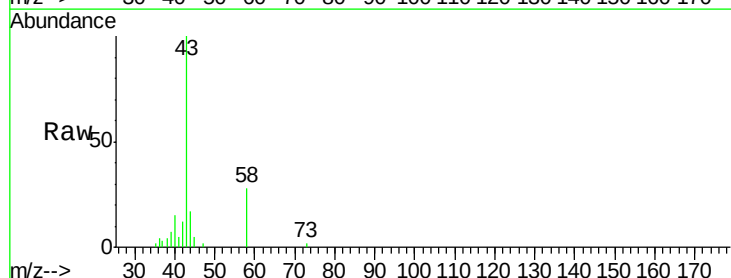
Acq: 21 Aug 2019 22:28

Tgt Ion: 43 Resp: 8902

Ion Ratio Lower Upper

43 100

58 27.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

3000

2500

2000

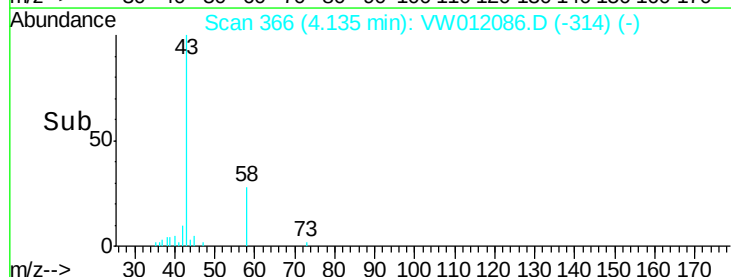
1500

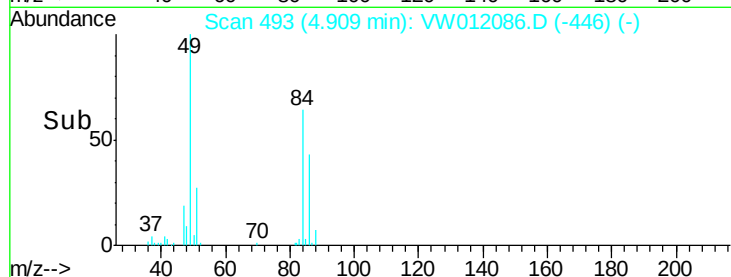
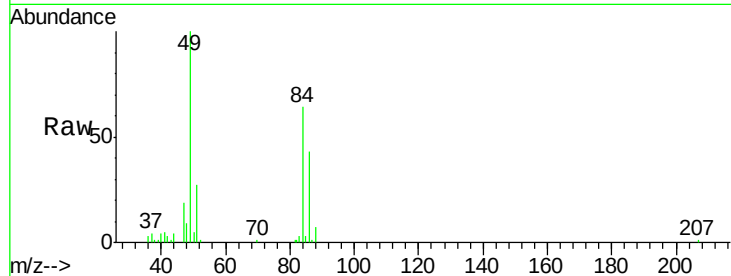
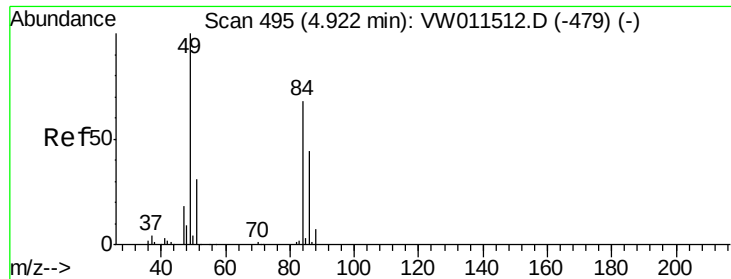
1000

500

0

Time--> 4.00 4.10 4.20

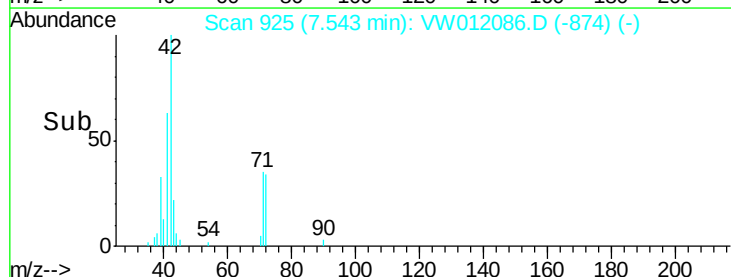
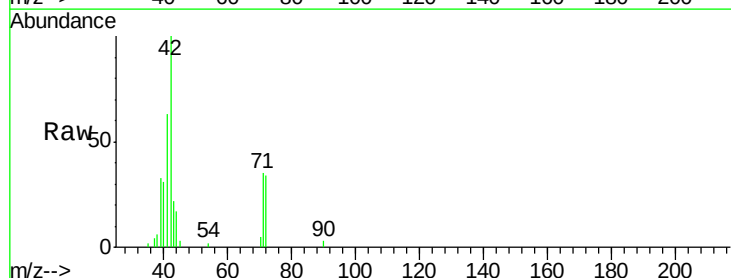
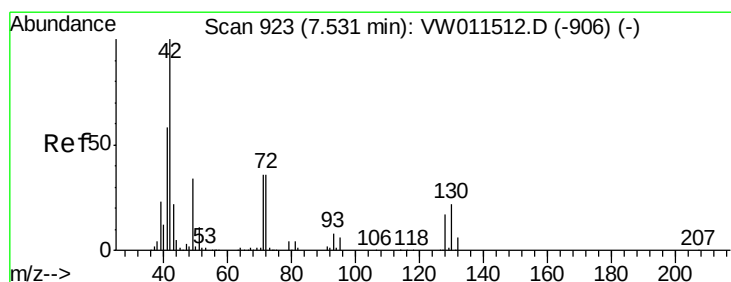
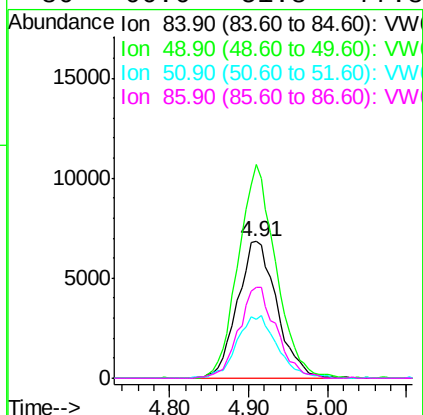




#20
Methylene Chloride
Concen: 6.988 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012086.D
Acq: 21 Aug 2019 22:28

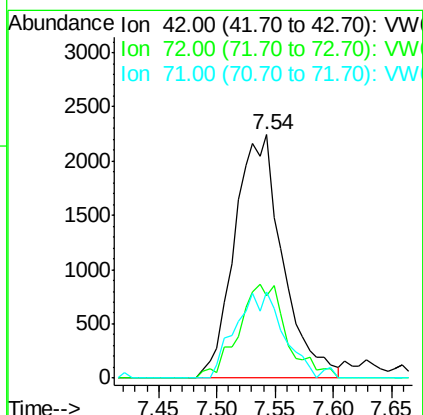
Instrument :
MSVOA_W
ClientSampleId :
T1-H2-(2.5)

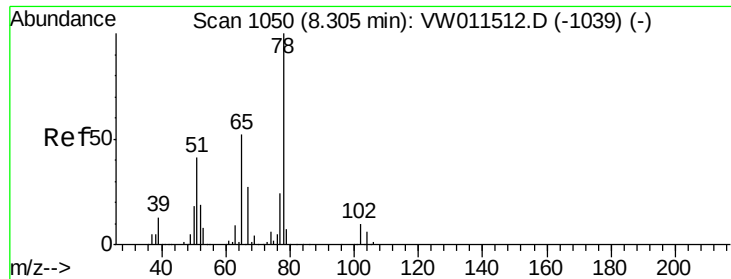
Tot Ion: 84	Resp: 23747
Ion Ratio	Lower Upper
84 100	
49 156.2	117.8 176.6
51 42.9	37.0 55.4
86 66.6	51.8 77.8



#29
Tetrahydrofuran
Concen: 8.726 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012086.D
Acq: 21 Aug 2019 22:28

Tgt	Ion: 42	Resp:	6431
Ion	Ratio	Lower	Upper
42	100		
72	38.6	27.1	40.7
71	35.0	26.2	39.4

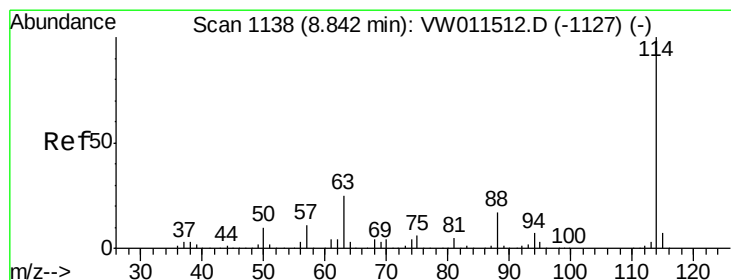
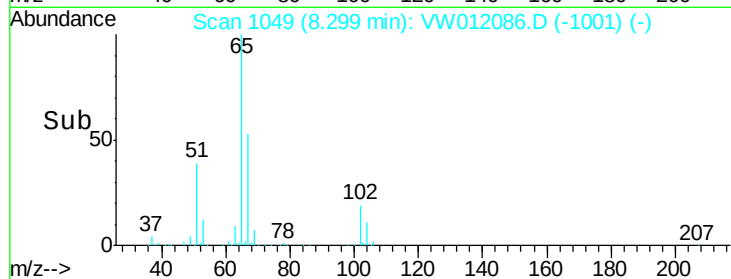
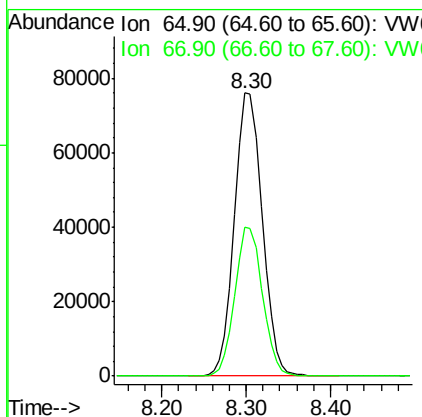
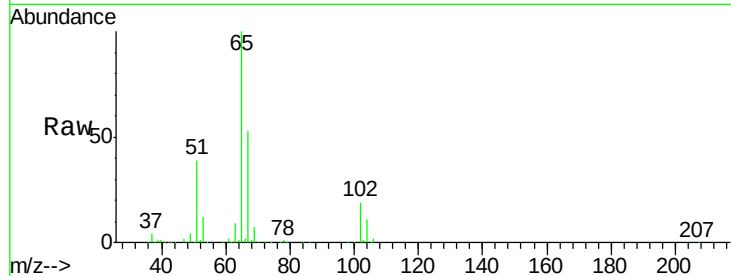




#33
 1,2-Dichloroethane-d4
 Concen: 55.051 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012086.D
 Acq: 21 Aug 2019 22:28

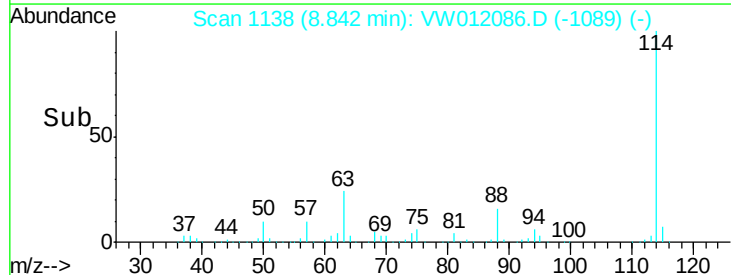
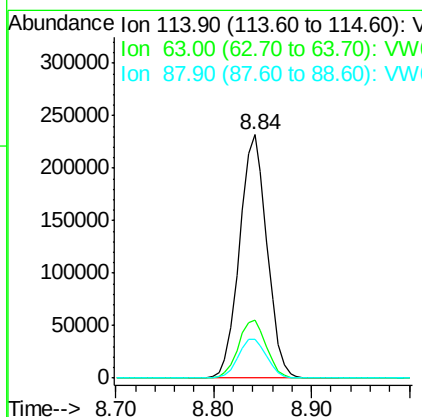
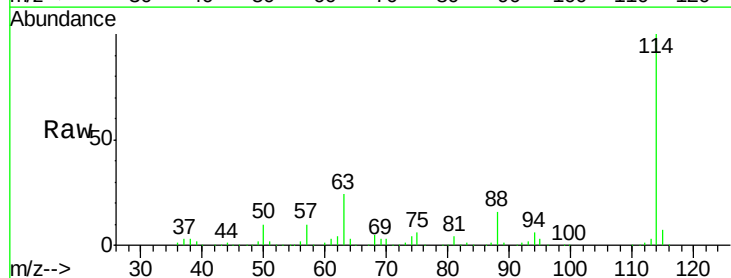
Instrument :
 MSVOA_W
 ClientSampled :
 T1-H2-(2.5)

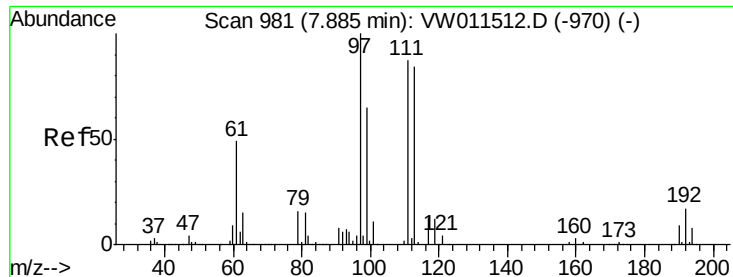
Tot Ion: 65 Resp: 170518
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012086.D
 Acq: 21 Aug 2019 22:28

Tgt Ion: 114 Resp: 450981
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 15.9 0.0 33.8

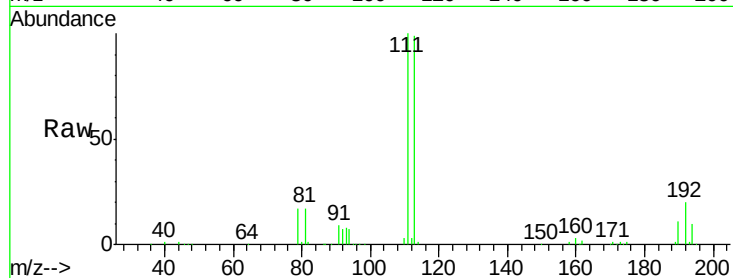




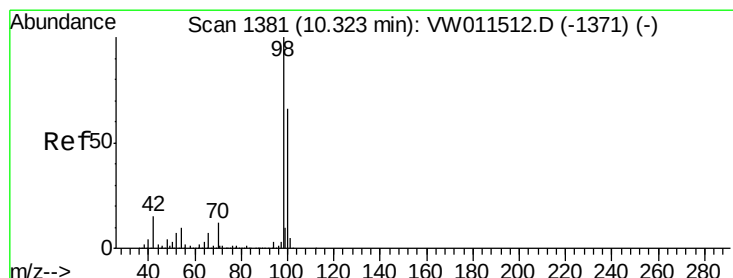
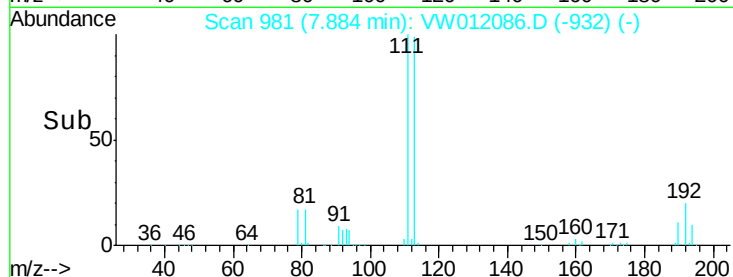
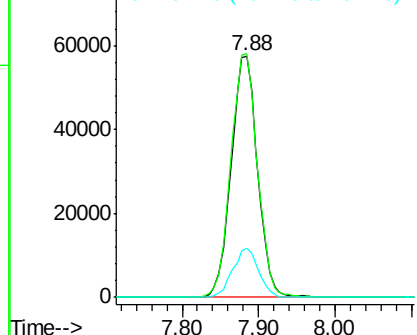
#35
 Dibromofluoromethane
 Concen: 54.058 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012086.D
 Acq: 21 Aug 2019 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H2-(2.5)

Tot Ion:113 Resp: 136772
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.7 124.1
 192 19.9 16.1 24.1

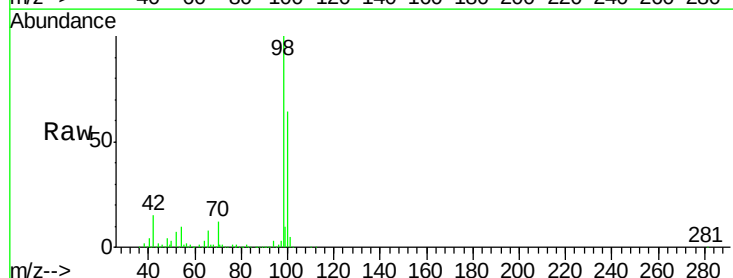


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

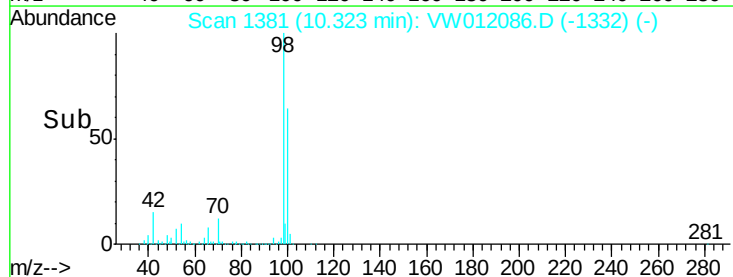
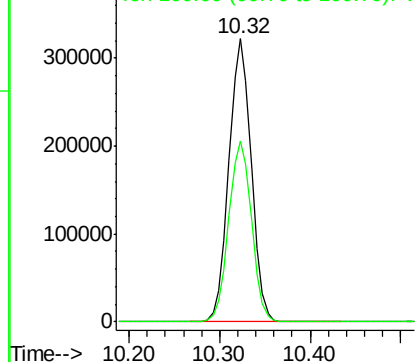


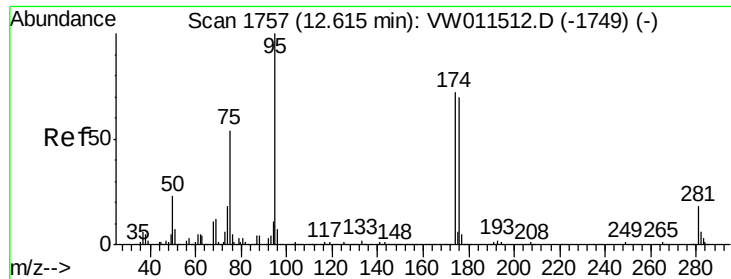
#50
 Toluene-d8
 Concen: 53.236 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012086.D
 Acq: 21 Aug 2019 22:28

Tgt Ion: 98 Resp: 551466
 Ion Ratio Lower Upper
 98 100
 100 65.1 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: 43.996 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012086.D

Acq: 21 Aug 2019 22:28

Instrument :

MSVOA_W

ClientSampleId :

T1-H2-(2.5)

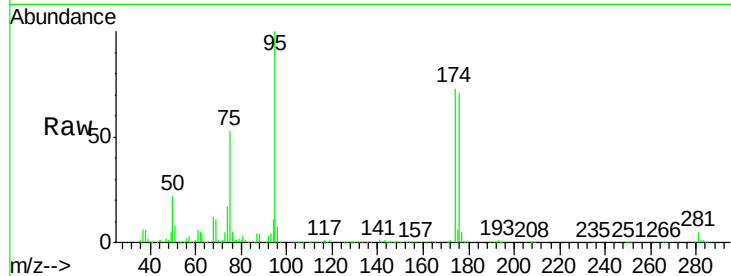
Tot Ion: 95 Resp: 162484

Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.2

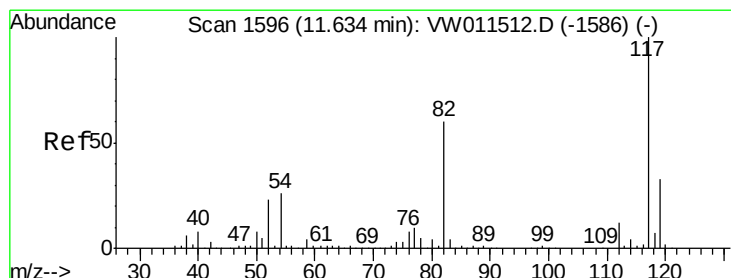
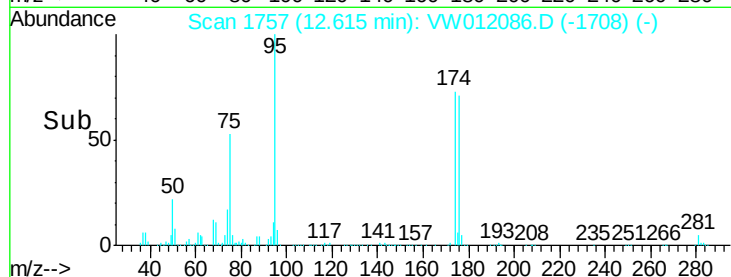
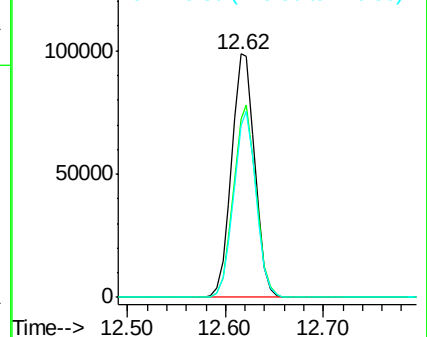
176 73.7 0.0 144.4



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# 1595

Delta R.T. -0.01 min

Lab File: VW012086.D

Acq: 21 Aug 2019 22:28

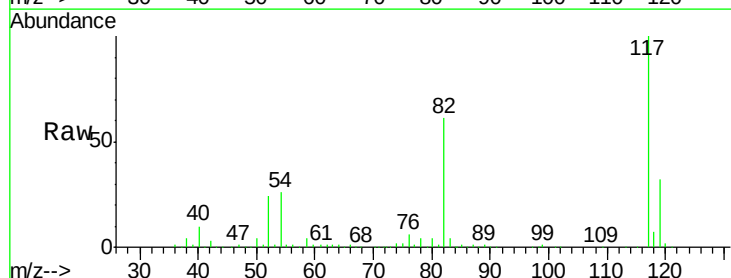
Tgt Ion: 117 Resp: 366079

Ion Ratio Lower Upper

117 100

82 60.8 47.9 71.9

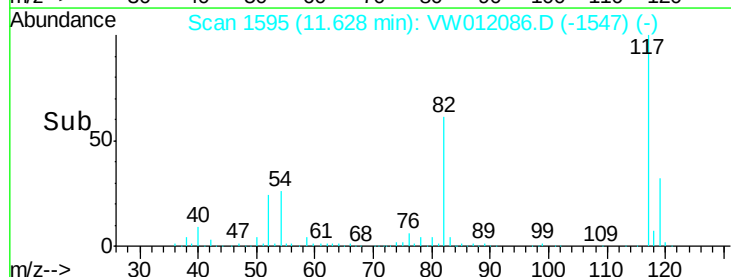
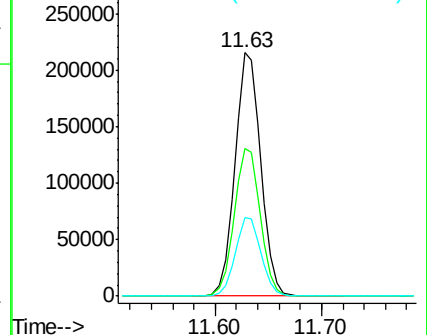
119 32.0 26.2 39.2

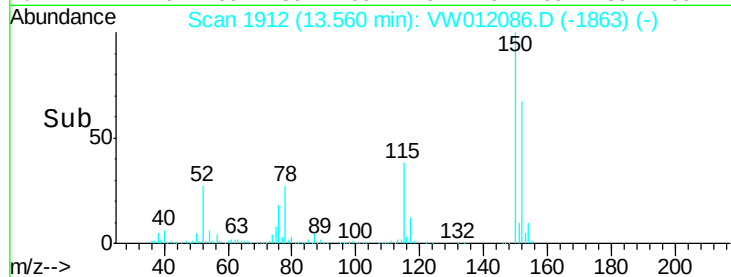
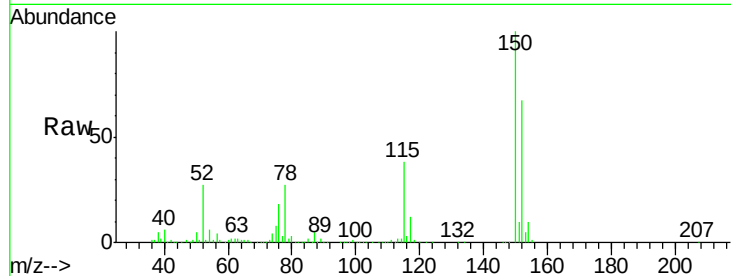
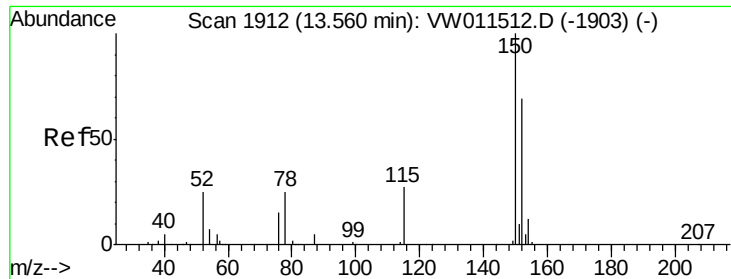


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012086.D

Acq: 21 Aug 2019 22:28

Instrument :

MSVOA_W

ClientSampleId :

T1-H2-(2.5)

Tot Ion:152 Resp: 126437

Ion Ratio Lower Upper

152 100

115 59.9 30.5 91.5

150 157.1 0.0 352.6

