

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012091.D
 Acq On : 22 Aug 2019 00:37
 Operator : SY/VA
 Sample : K4403-14
 Misc : 5.50G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-I(0)

Quant Time: Aug 22 07:13:57 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

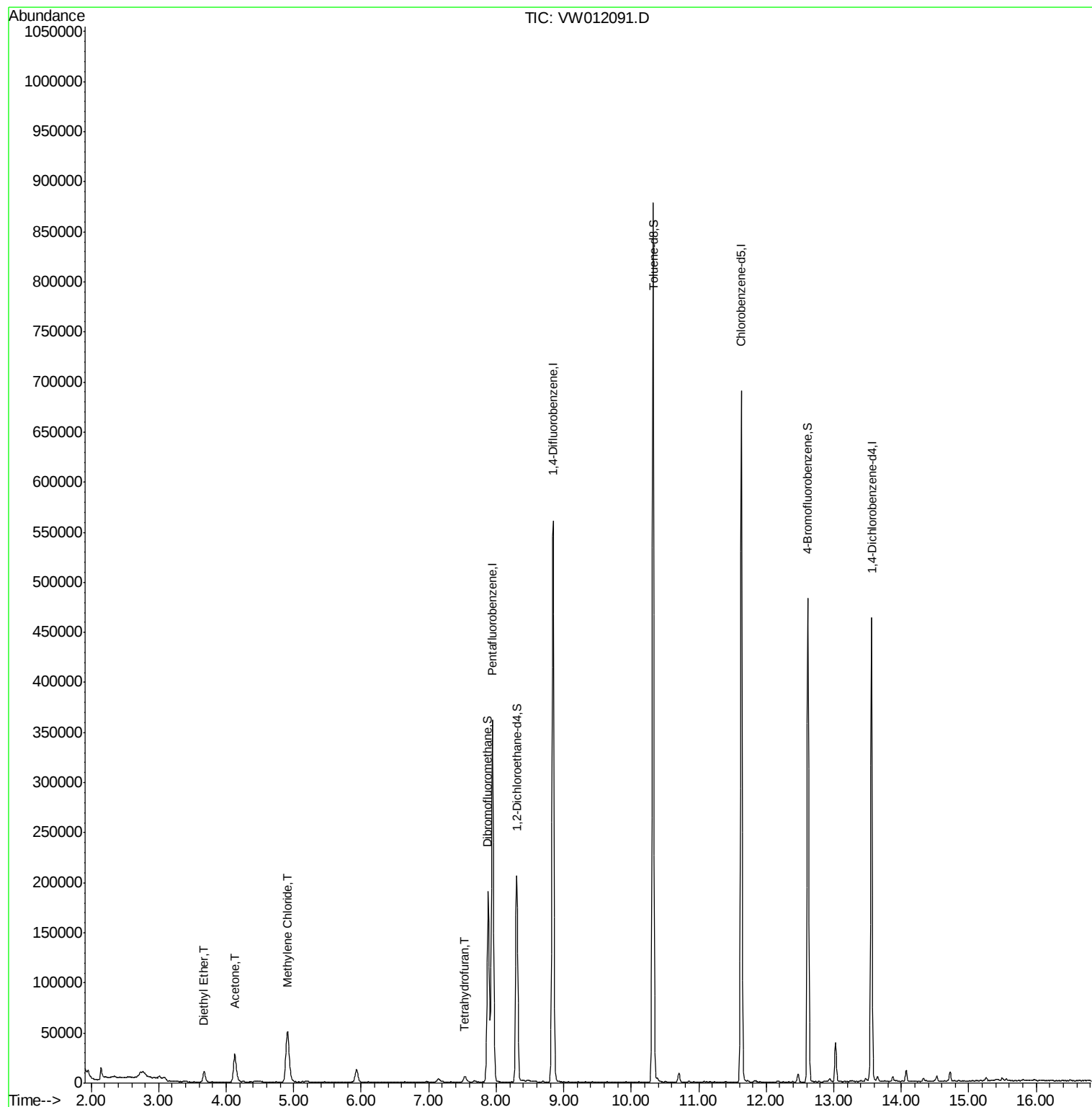
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	443103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	167299	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
35) Dibromofluoromethane	7.88	113	134294	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
50) Toluene-d8	10.32	98	548028	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.62	95	156839	43.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.44%	
Target Compounds						
8) Diethyl Ether	3.67	74	5184	3.321	ug/l	86
16) Acetone	4.13	43	55194	57.078	ug/l	98
20) Methylene Chloride	4.91	84	38935	11.675	ug/l	98
29) Tetrahydrofuran	7.53	42	5578	7.712	ug/l #	67

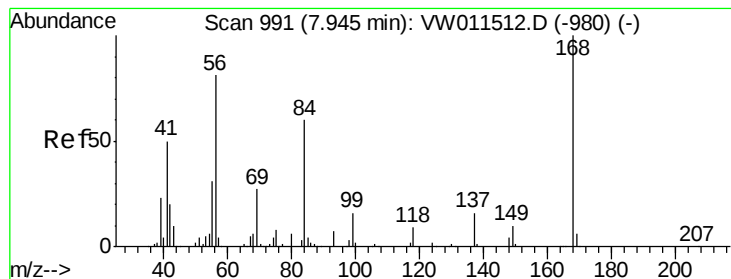
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW012091.D

Acq: 22 Aug 2019 00:37

Instrument :

MSVOA_W

ClientSampled :

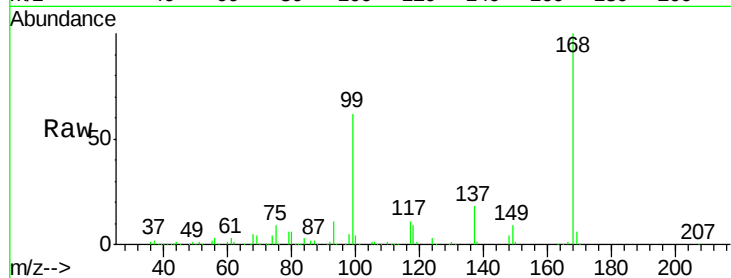
T1-I-(0)

Tot Ion:168 Resp: 264736

Ion Ratio Lower Upper

168 100

99 61.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

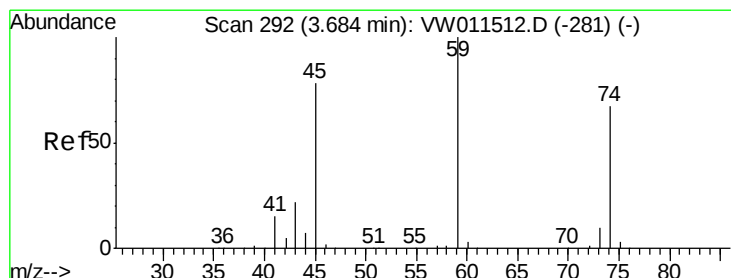
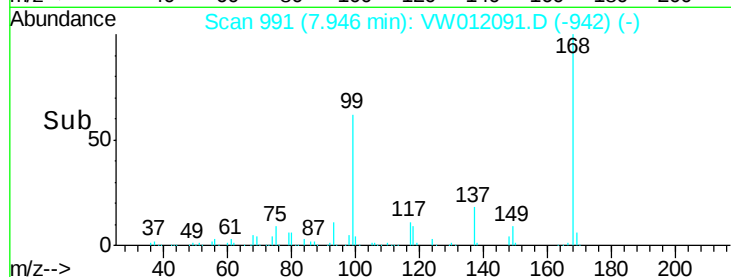
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 3.321 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012091.D

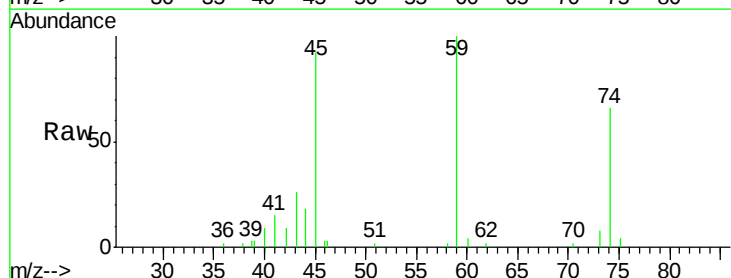
Acq: 22 Aug 2019 00:37

Tgt Ion: 74 Resp: 5184

Ion Ratio Lower Upper

74 100

45 135.2 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

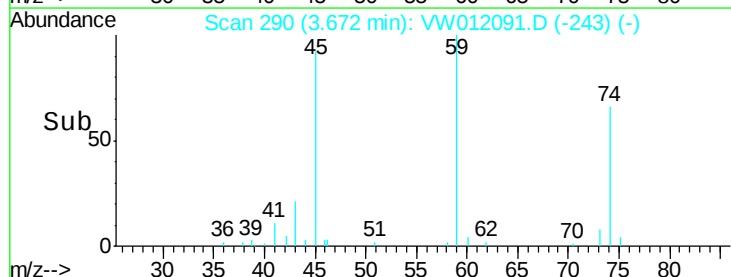
3000

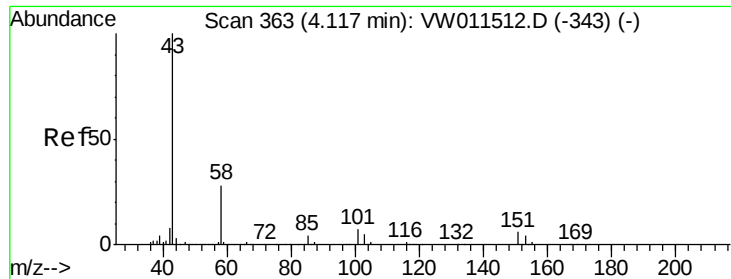
2000

1000

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 57.078 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012091.D

Acq: 22 Aug 2019 00:37

Instrument :

MSVOA_W

ClientSampleId :

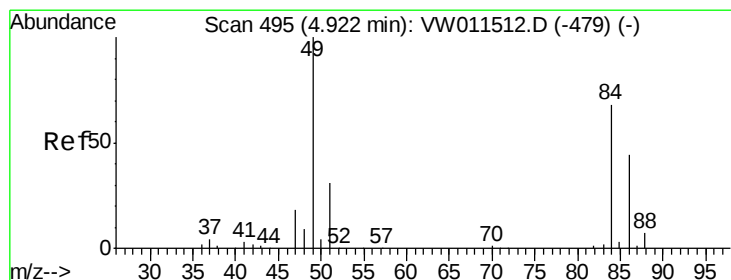
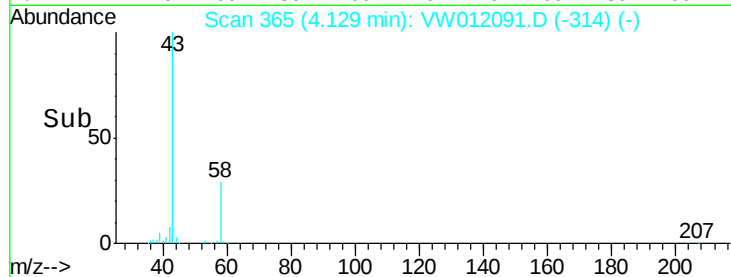
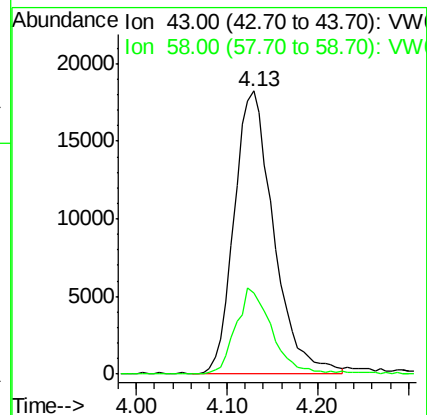
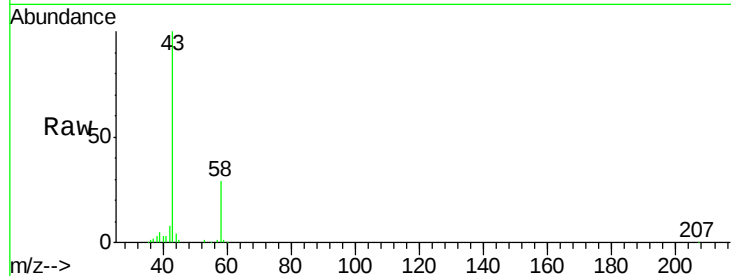
T1-I-(0)

Tot Ion: 43 Resp: 55194

Ion Ratio Lower Upper

43 100

58 28.9 22.3 33.5



#20

Methylene Chloride

Concen: 11.675 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012091.D

Acq: 22 Aug 2019 00:37

Tgt Ion: 84 Resp: 38935

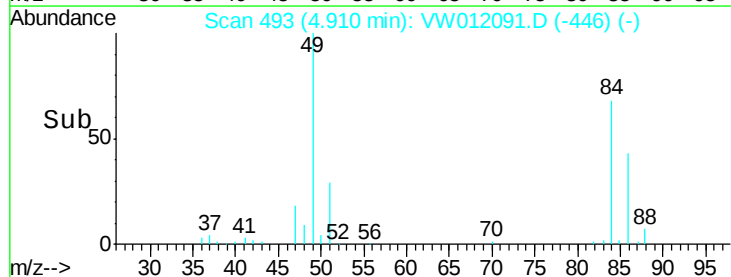
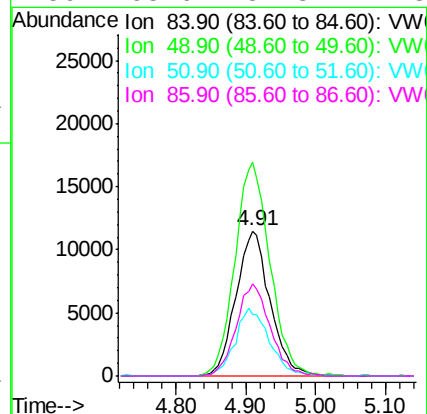
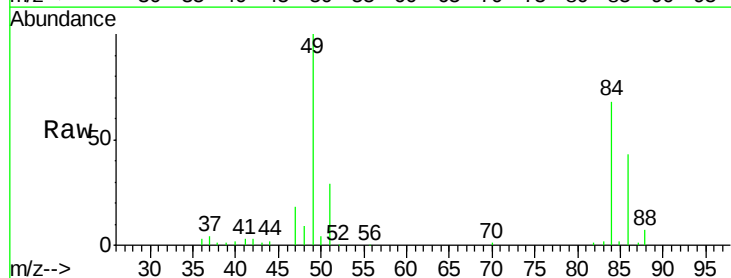
Ion Ratio Lower Upper

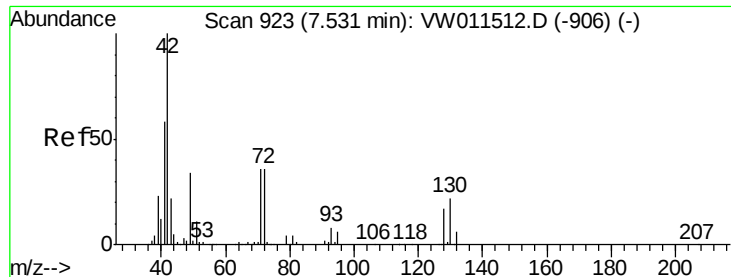
84 100

49 147.6 117.8 176.6

51 42.1 37.0 55.4

86 63.6 51.8 77.8

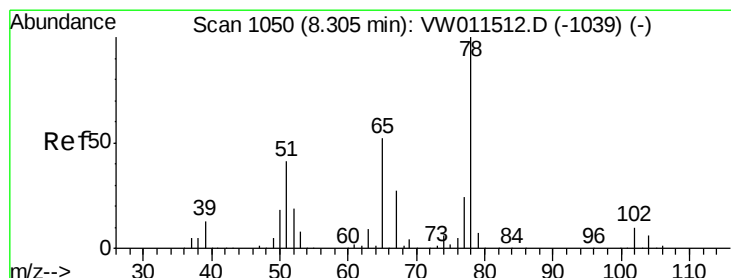
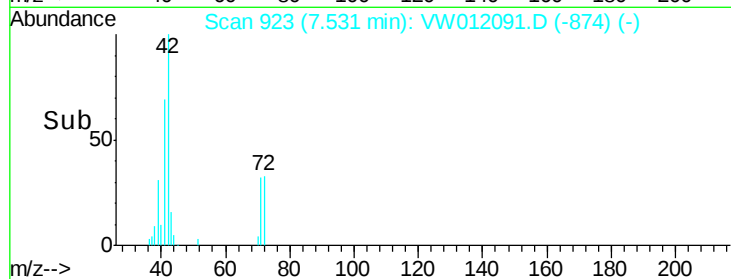
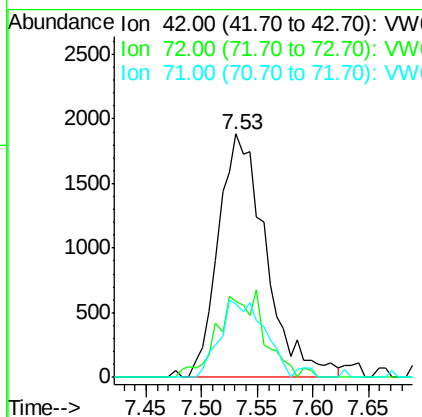
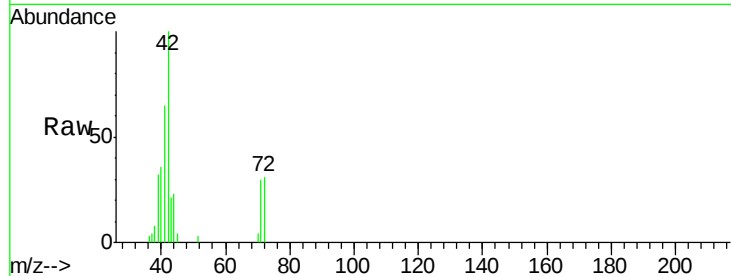




#29
Tetrahydrofuran
Concen: 7.712 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012091.D
Acq: 22 Aug 2019 00:37

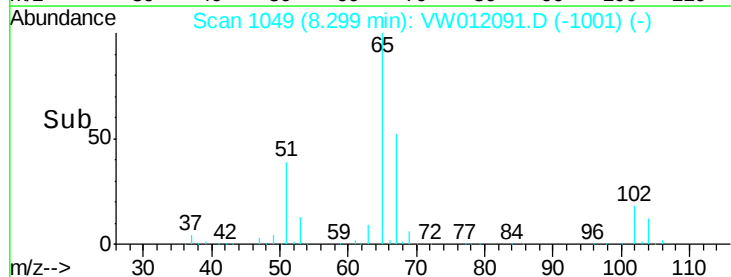
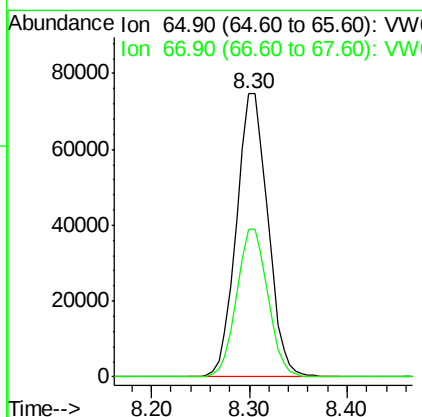
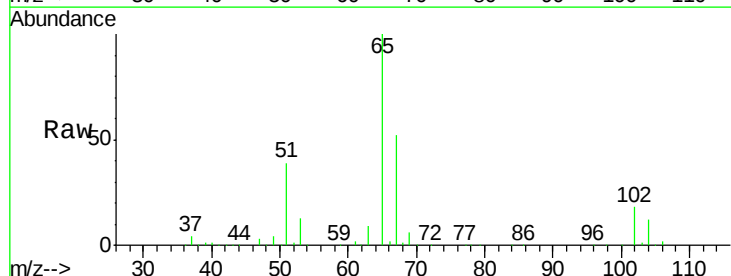
Instrument :
MSVOA_W
ClientSampleId :
T1-I(0)

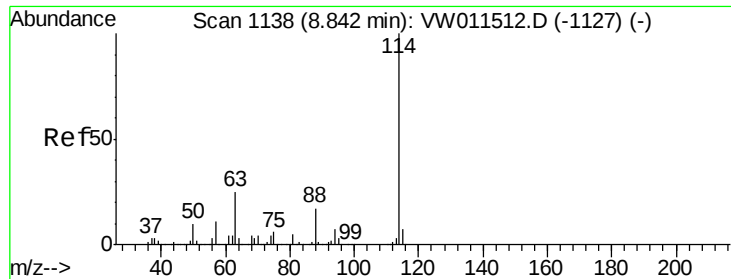
Tot Ion: 42 Resp: 5578
Ion Ratio Lower Upper
42 100
72 0.0 27.1 40.7#
71 29.7 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 55.034 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012091.D
Acq: 22 Aug 2019 00:37

Tgt Ion: 65 Resp: 167299
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2

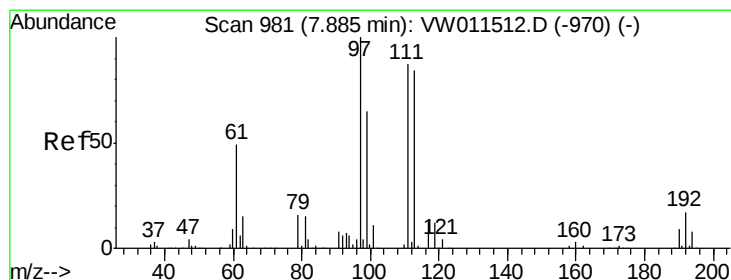
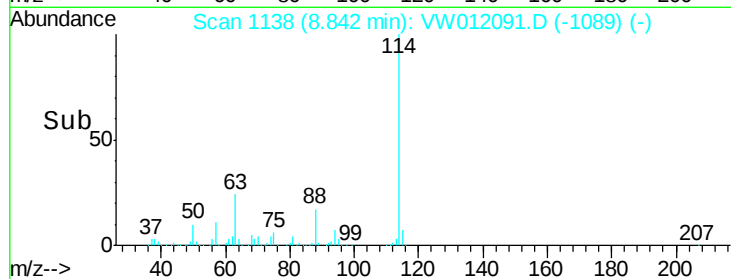
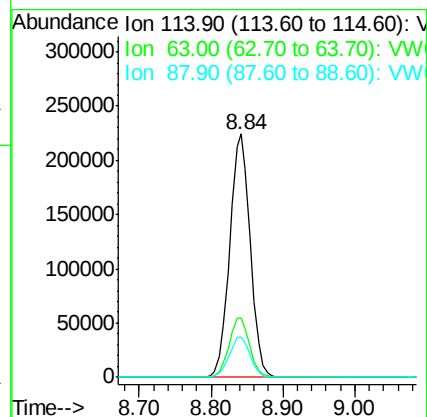
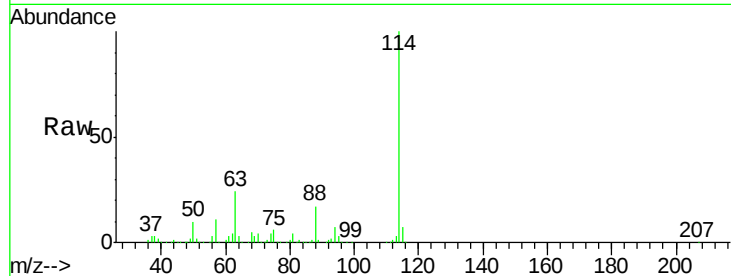




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012091.D
 Acq: 22 Aug 2019 00:37

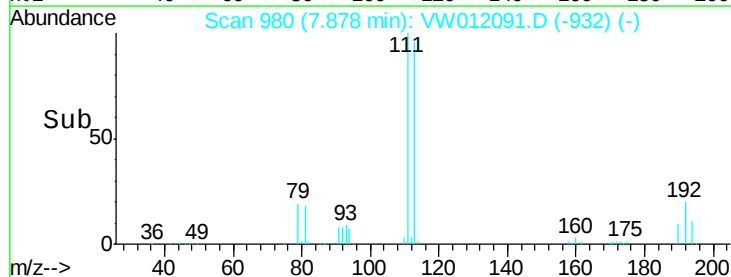
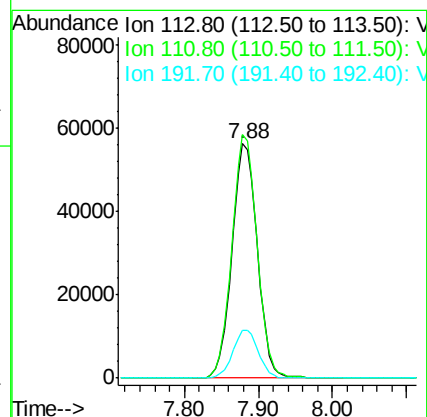
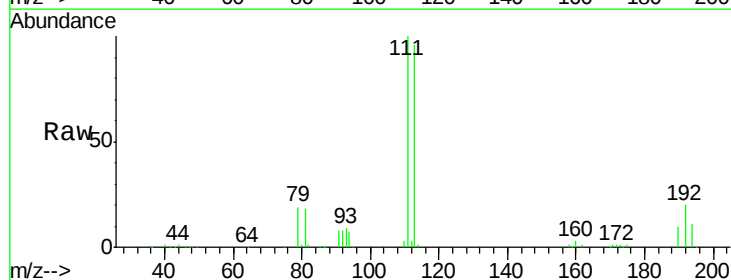
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-I-(0)

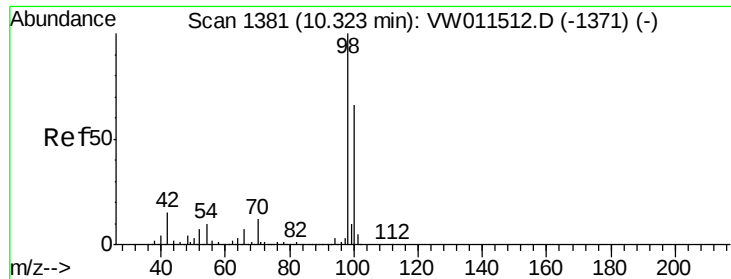
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	49.2
88	16.6	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 54.023 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012091.D
 Acq: 22 Aug 2019 00:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	20.5	16.1	24.1





#50

Toluene-d8

Concen: 53.845 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012091.D

Acq: 22 Aug 2019 00:37

Instrument :

MSVOA_W

ClientSampleId :

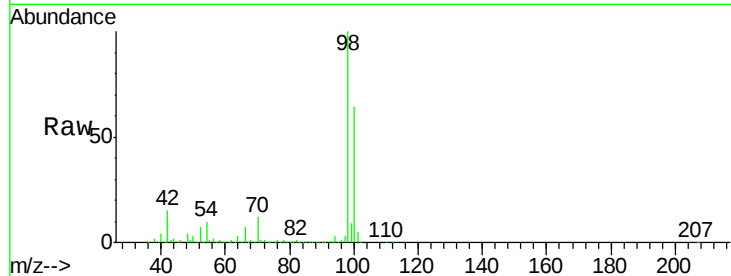
T1-I(0)

Tot Ion: 98 Resp: 548028

Ion Ratio Lower Upper

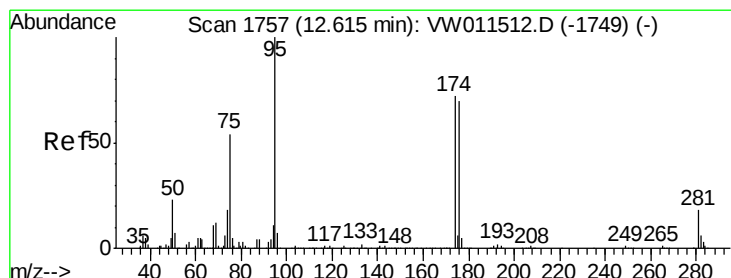
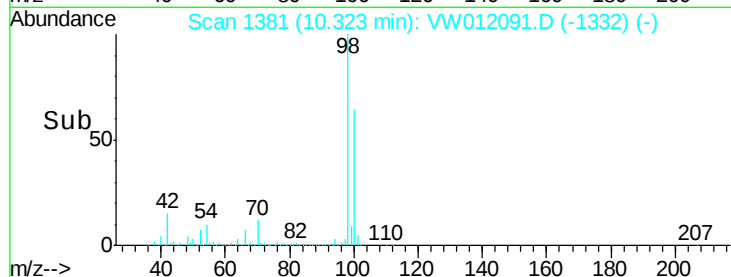
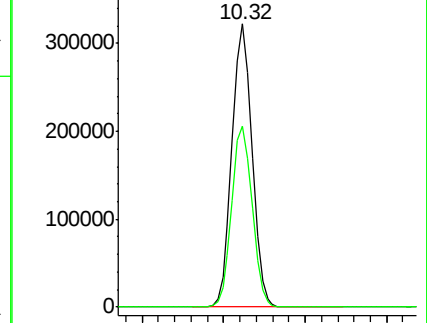
98 100

100 64.9 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: 43.223 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012091.D

Acq: 22 Aug 2019 00:37

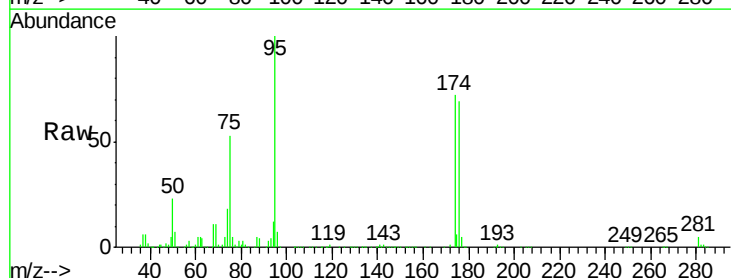
Tgt Ion: 95 Resp: 156839

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

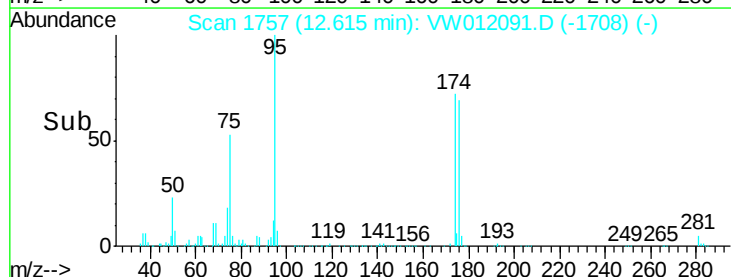
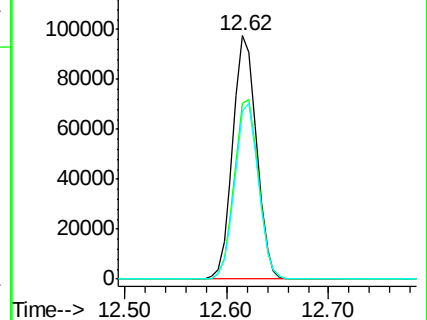
176 71.8 0.0 144.4

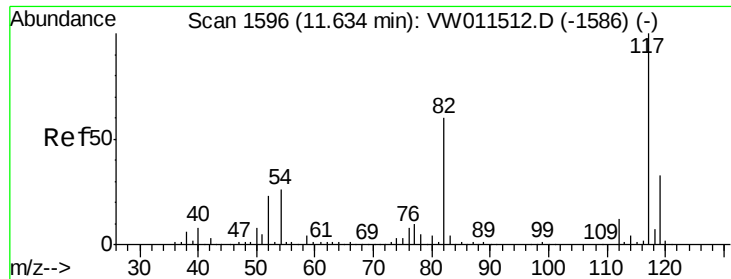


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

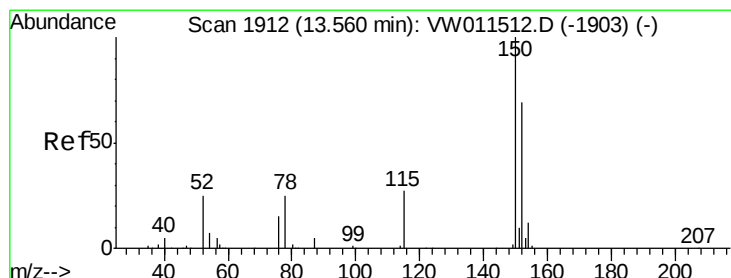
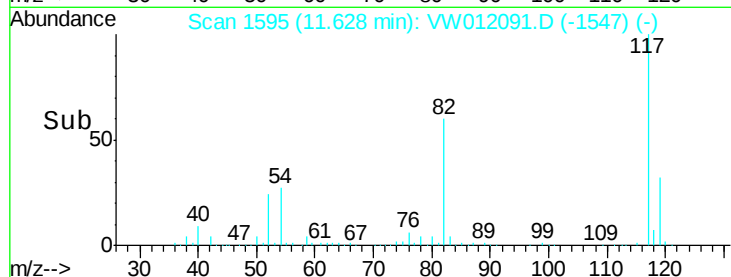
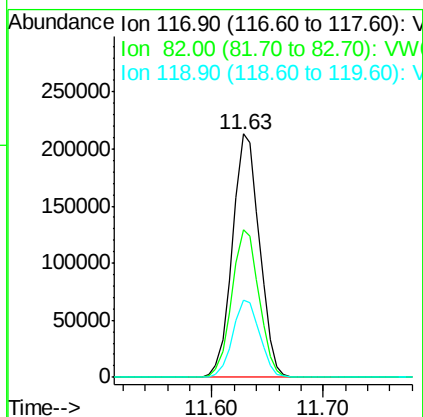
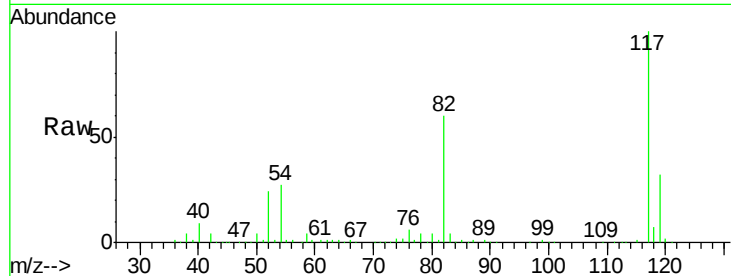




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012091.D
Acq: 22 Aug 2019 00:37

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

Tot Ion:117 Resp: 358226
Ion Ratio Lower Upper
117 100
82 60.4 47.9 71.9
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012091.D
Acq: 22 Aug 2019 00:37

Tgt Ion:152 Resp: 116393
Ion Ratio Lower Upper
152 100
115 60.5 30.5 91.5
150 158.1 0.0 352.6

