

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012069.D
 Acq On : 21 Aug 2019 14:01
 Operator : SY/VA
 Sample : K4388-06
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-B4-(2)

Quant Time: Aug 22 06:03:23 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

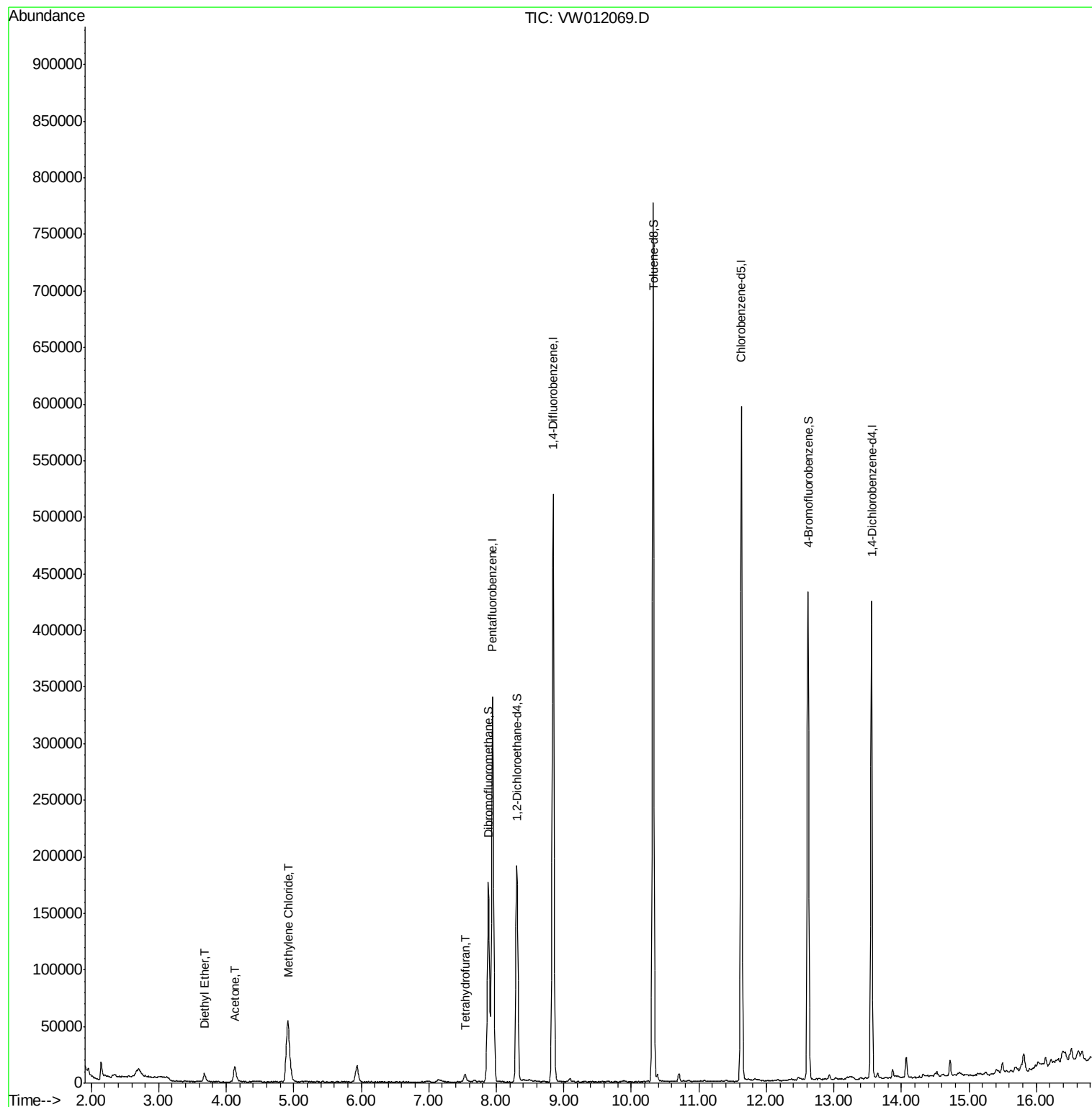
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	153361	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
35) Dibromofluoromethane	7.88	113	124253	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
50) Toluene-d8	10.32	98	489116	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.62	95	141816	42.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.38%	
Target Compounds						
8) Diethyl Ether	3.68	74	3633	2.523	ug/l	87
16) Acetone	4.13	43	26055	29.209	ug/l	98
20) Methylene Chloride	4.92	84	43561	14.160	ug/l	92
29) Tetrahydrofuran	7.53	42	6269	9.396	ug/l	95

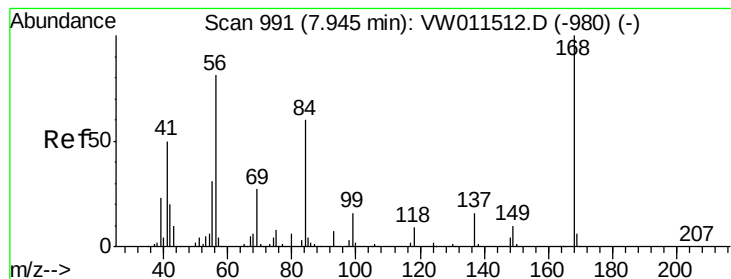
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
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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: VW012069.D

Acq: 21 Aug 2019 14:01

Instrument :

MSVOA_W

ClientSampleId :

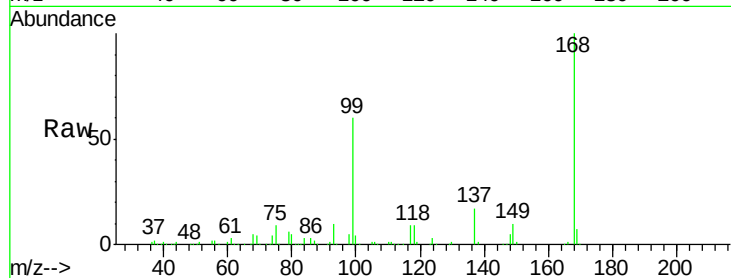
T4-B4-(2)

Tot Ion:168 Resp: 244210

Ion Ratio Lower Upper

168 100

99 60.3 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

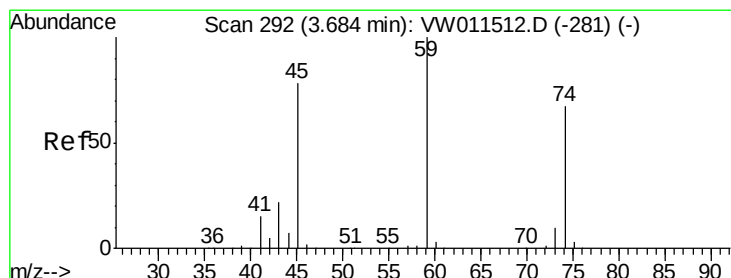
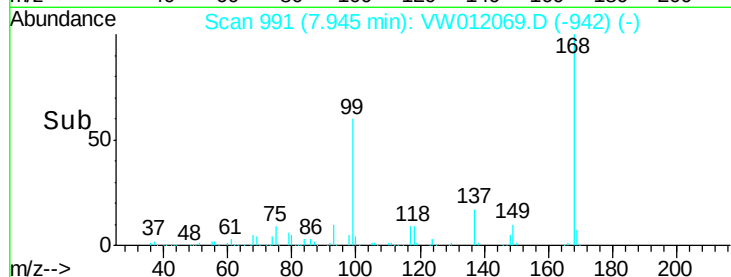
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.523 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW012069.D

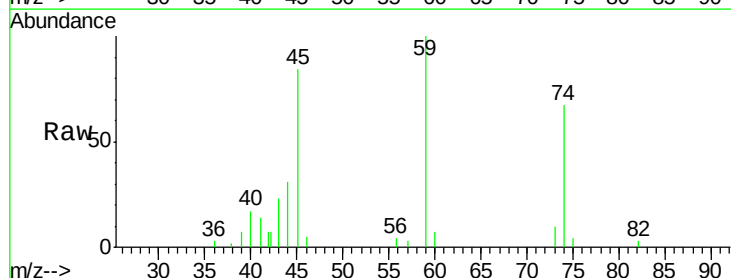
Acq: 21 Aug 2019 14:01

Tgt Ion: 74 Resp: 3633

Ion Ratio Lower Upper

74 100

45 134.0 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

2000

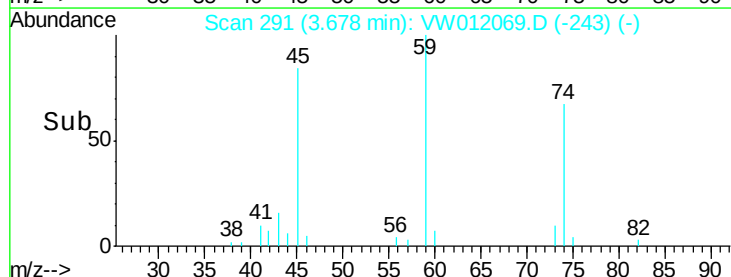
1500

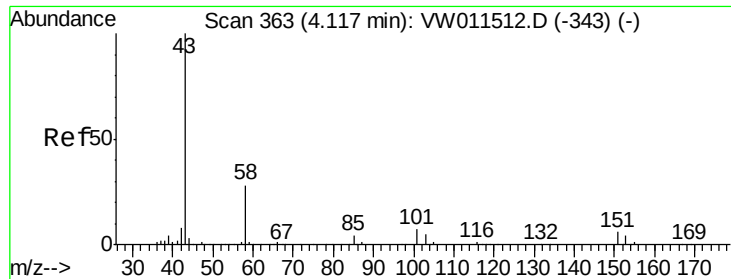
1000

500

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 29.209 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012069.D

Acq: 21 Aug 2019 14:01

Instrument :

MSVOA_W

ClientSampleId :

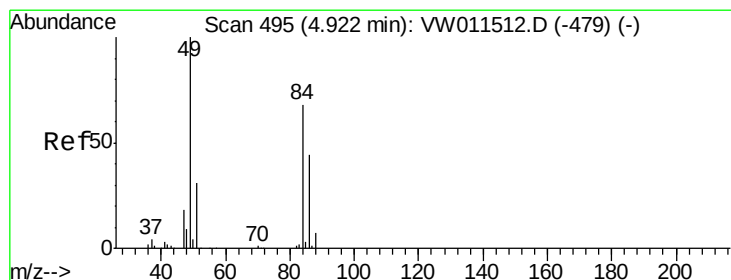
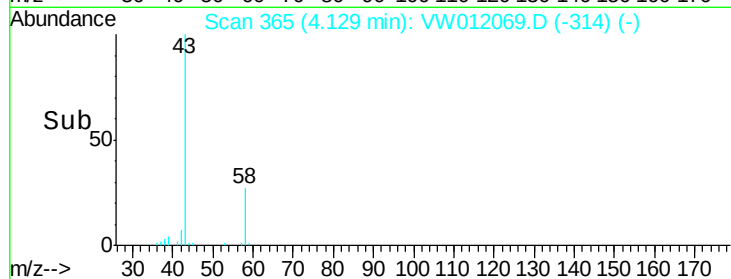
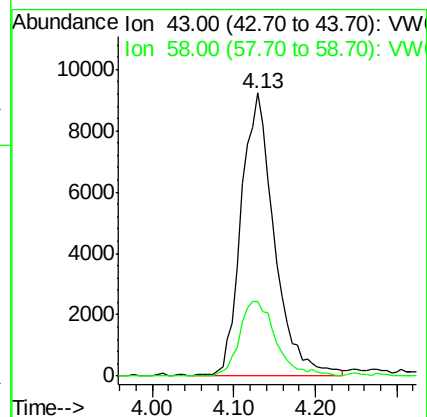
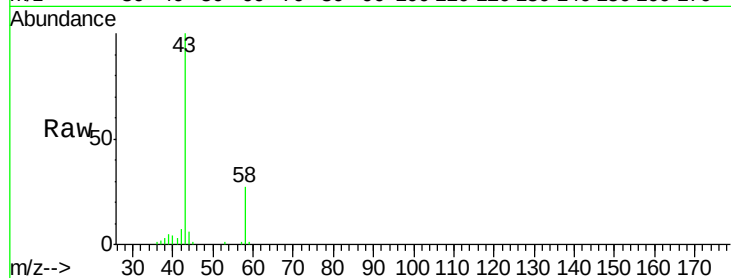
T4-B4-(2)

Tot Ion: 43 Resp: 26055

Ion Ratio Lower Upper

43 100

58 26.6 22.3 33.5



#20

Methylene Chloride

Concen: 14.160 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW012069.D

Acq: 21 Aug 2019 14:01

Tgt Ion: 84 Resp: 43561

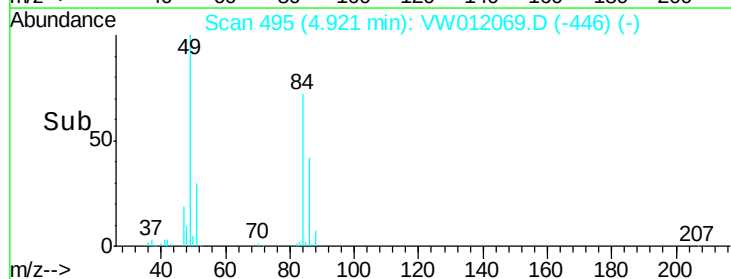
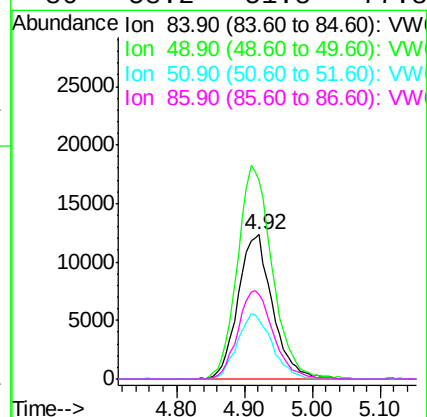
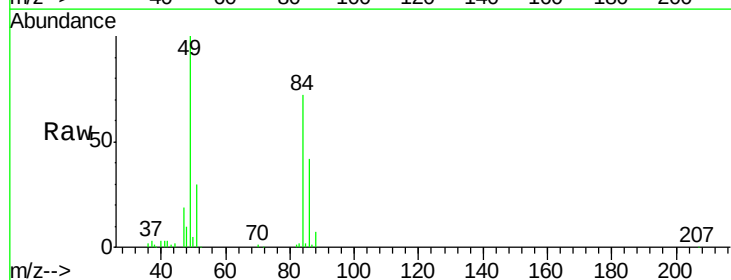
Ion Ratio Lower Upper

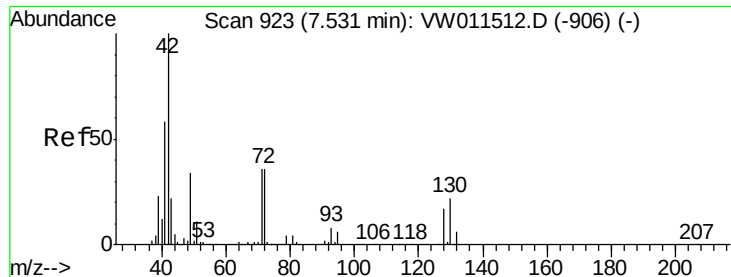
84 100

49 137.9 117.8 176.6

51 41.2 37.0 55.4

86 58.2 51.8 77.8

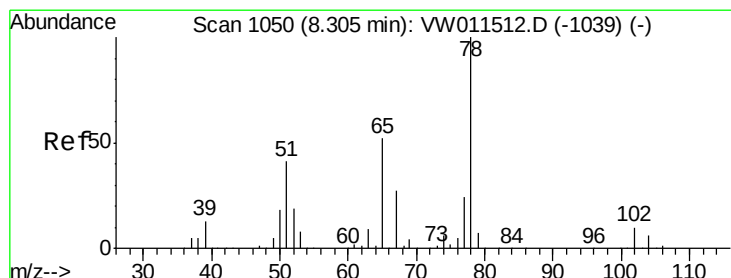
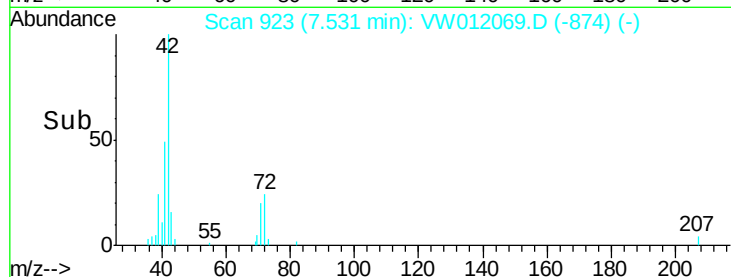
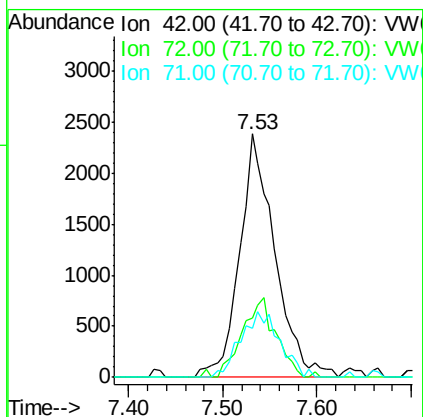
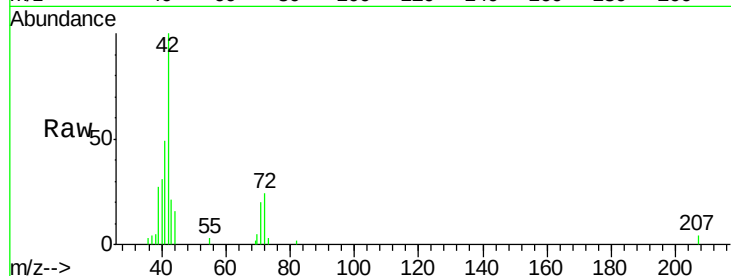




#29
Tetrahydrofuran
Concen: 9.396 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012069.D
Acq: 21 Aug 2019 14:01

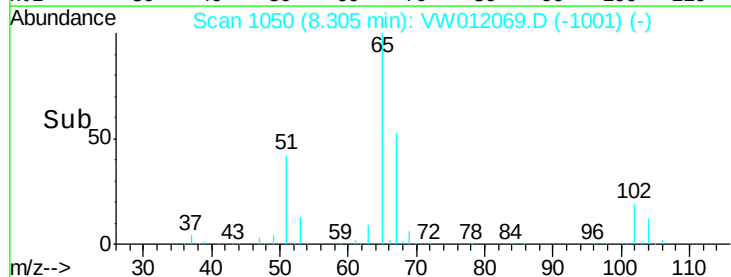
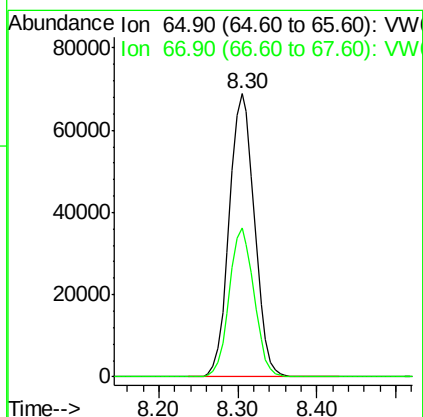
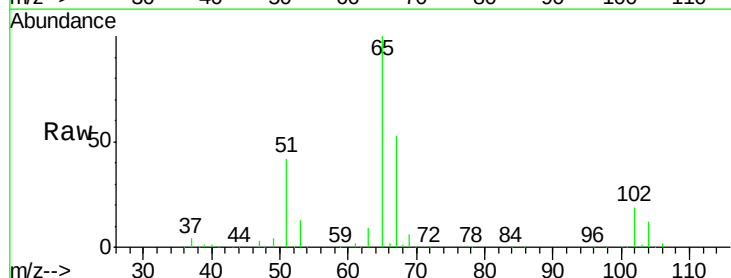
Instrument :
MSVOA_W
ClientSampleId :
T4-B4-(2)

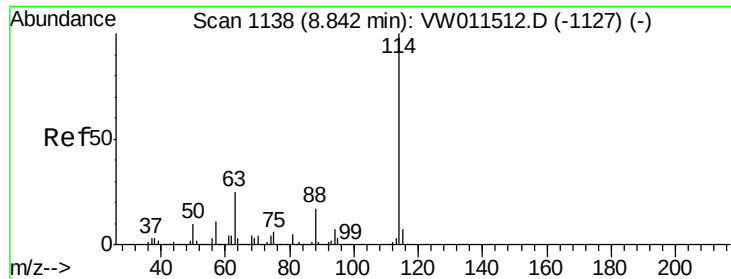
Tot Ion: 42 Resp: 6269
Ion Ratio Lower Upper
42 100
72 30.9 27.1 40.7
71 30.0 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 54.690 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012069.D
Acq: 21 Aug 2019 14:01

Tgt Ion: 65 Resp: 153361
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.2

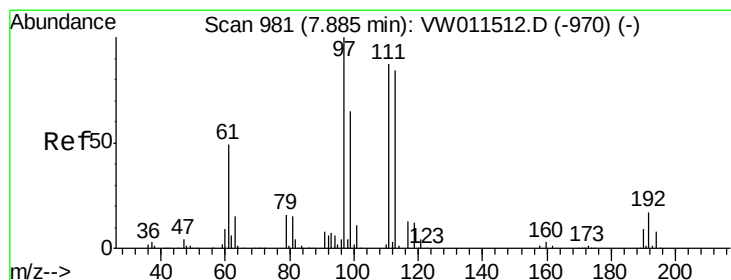
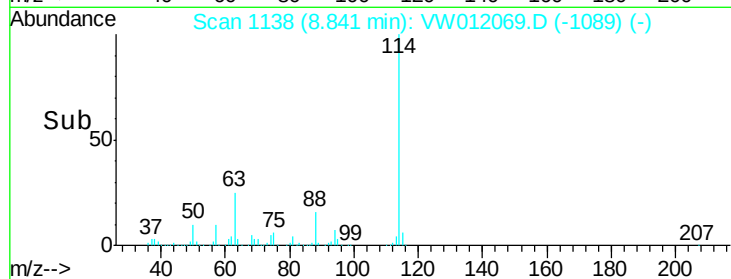
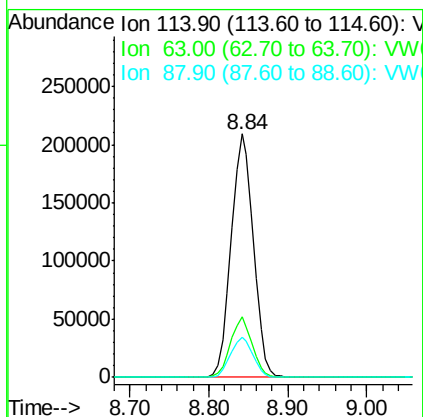
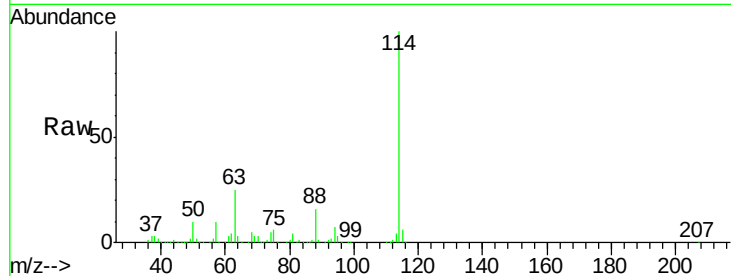




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012069.D
 Acq: 21 Aug 2019 14:01

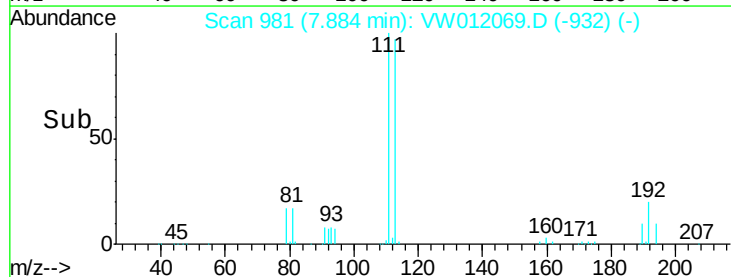
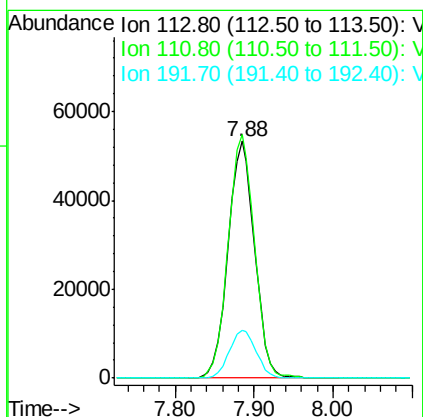
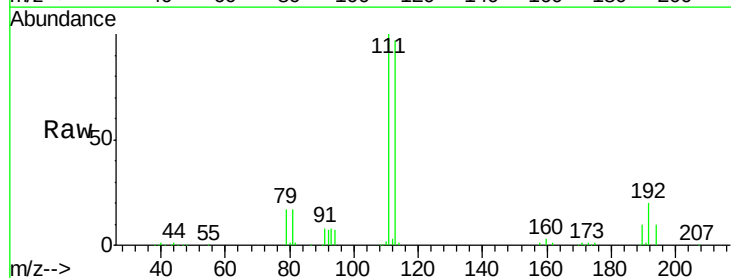
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-B4-(2)

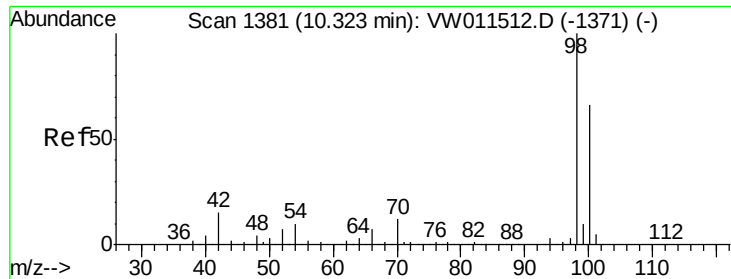
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.2
88	16.5	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 53.952 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012069.D
 Acq: 21 Aug 2019 14:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	20.5	16.1	24.1

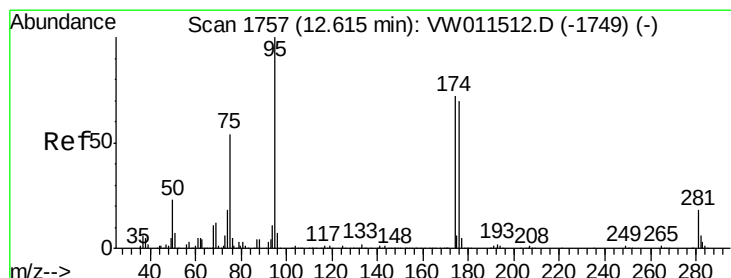
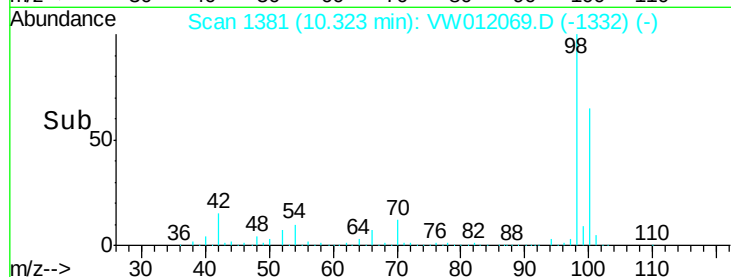
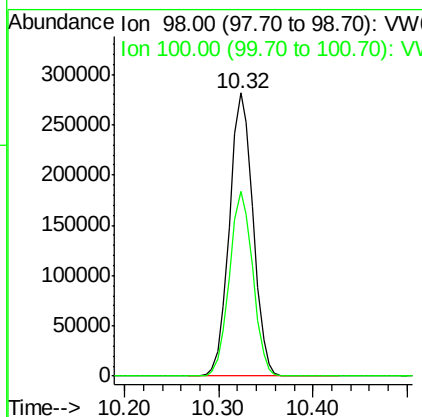
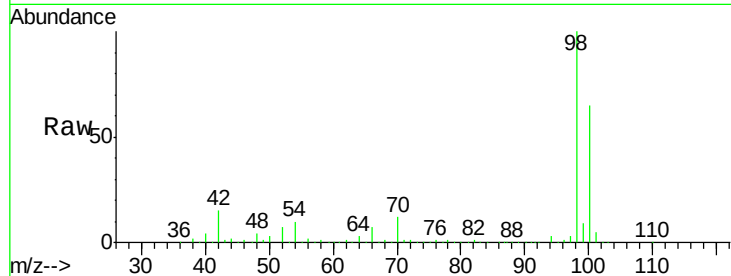




#50
Toluene-d8
Concen: 51.872 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012069.D
Acq: 21 Aug 2019 14:01

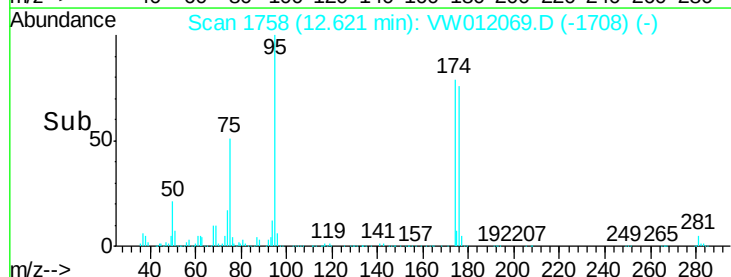
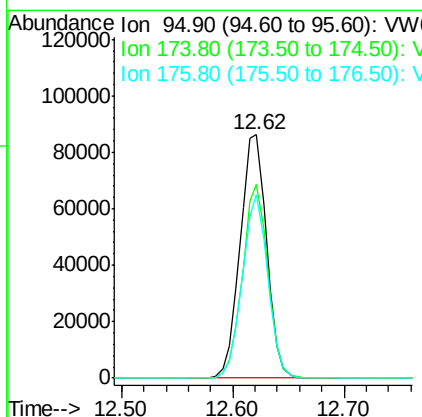
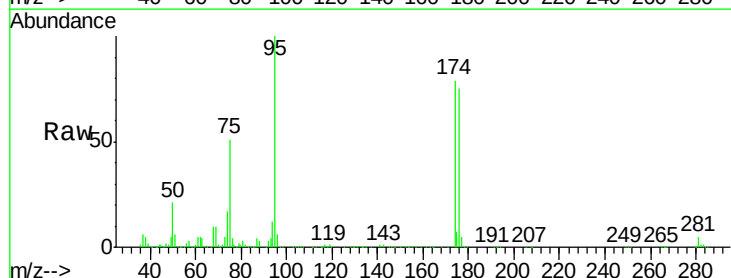
Instrument :
MSVOA_W
ClientSampleId :
T4-B4-(2)

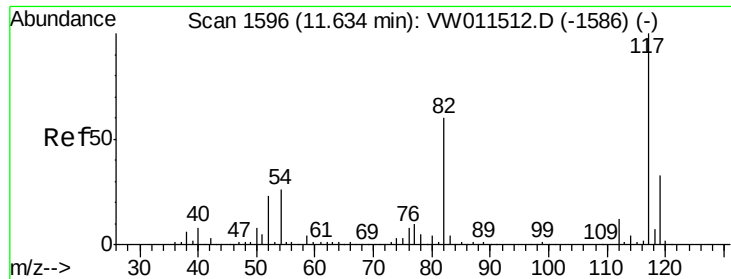
Tot Ion: 98 Resp: 489116
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 42.186 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012069.D
Acq: 21 Aug 2019 14:01

Tgt Ion: 95 Resp: 141816
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.2
176 72.6 0.0 144.4

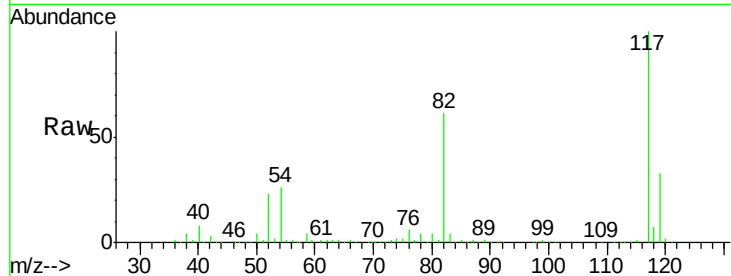




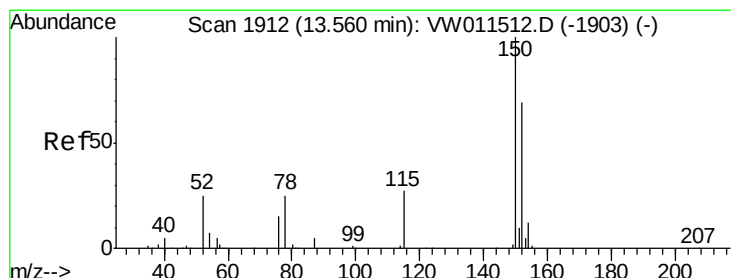
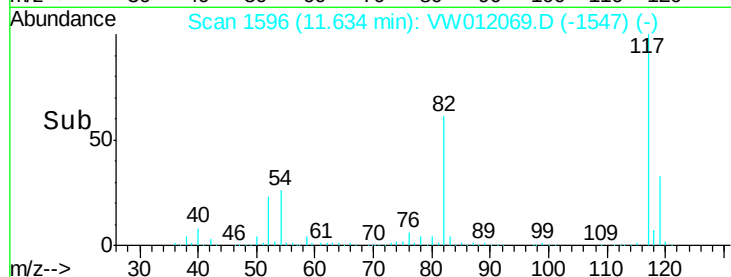
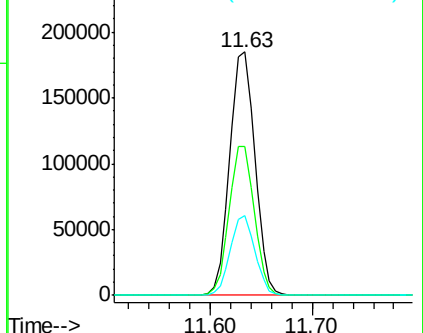
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012069.D
Acq: 21 Aug 2019 14:01

Instrument :
MSVOA_W
ClientSampleId :
T4-B4-(2)

Tot Ion:117 Resp: 316944
Ion Ratio Lower Upper
117 100
82 61.0 47.9 71.9
119 32.6 26.2 39.2

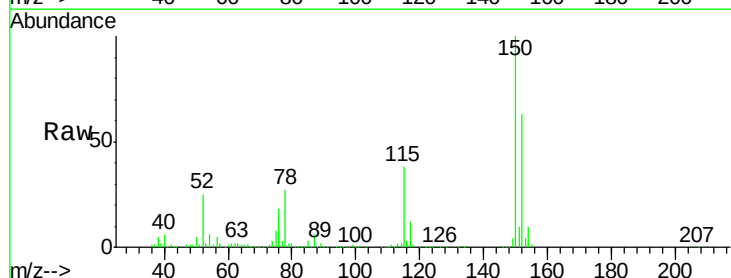


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012069.D
Acq: 21 Aug 2019 14:01

Tgt Ion:152 Resp: 105776
Ion Ratio Lower Upper
152 100
115 59.6 30.5 91.5
150 156.0 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

