

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012064.D
 Acq On : 21 Aug 2019 11:51
 Operator : SY/VA
 Sample : K4387-14RE
 Misc : 4.70G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A1-(2)RE

Quant Time: Aug 22 05:48:48 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

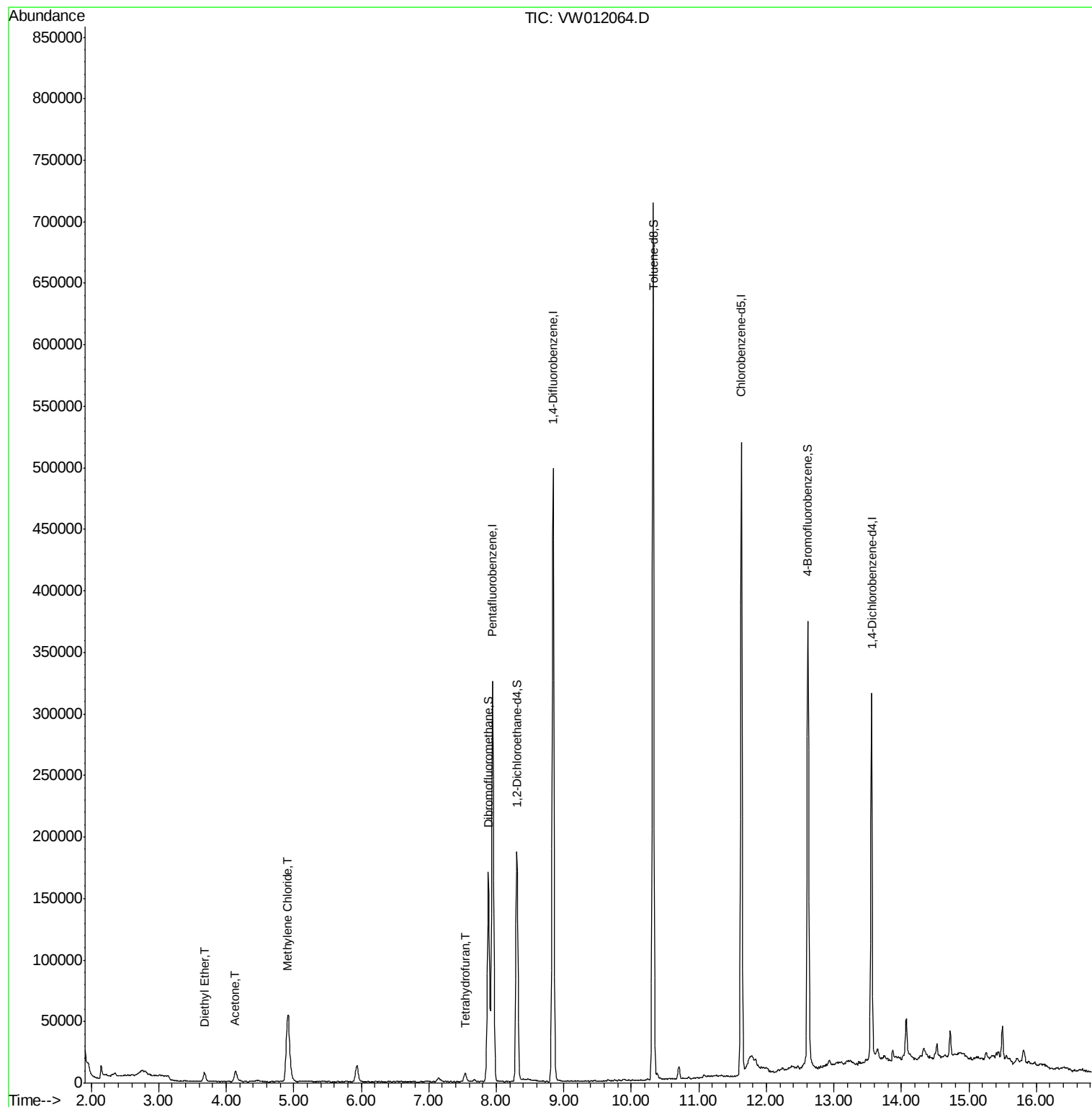
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	390379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146338	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
35) Dibromofluoromethane	7.88	113	118698	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
50) Toluene-d8	10.32	98	449834	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.62	95	116033	36.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.60%	
Target Compounds						
8) Diethyl Ether	3.68	74	3994	2.852	ug/l	92
16) Acetone	4.14	43	17988	20.728	ug/l	98
20) Methylene Chloride	4.92	84	43050	14.384	ug/l	97
29) Tetrahydrofuran	7.54	42	6994	10.775	ug/l	96

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 21 Aug 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

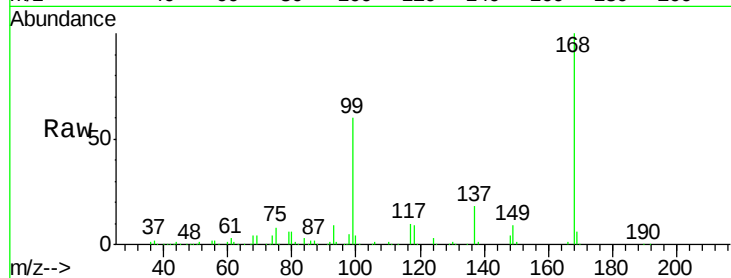
T4-A1-(2)RE

Tot Ion:168 Resp: 237581

Ion Ratio Lower Upper

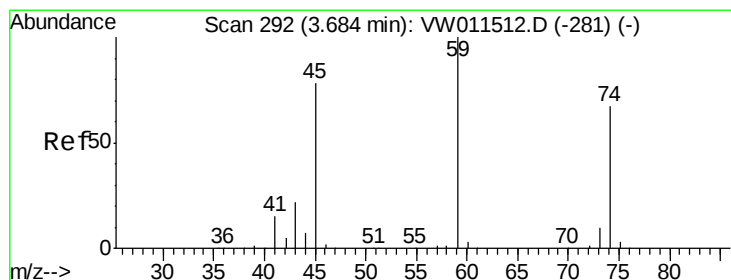
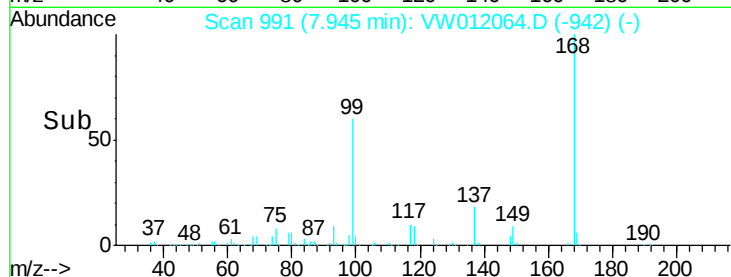
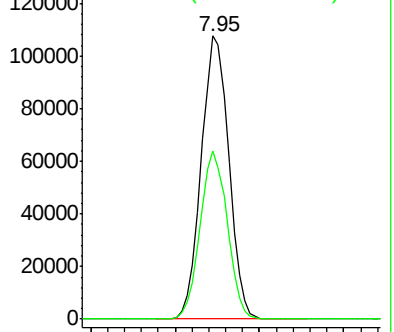
168 100

99 59.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.852 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW012064.D

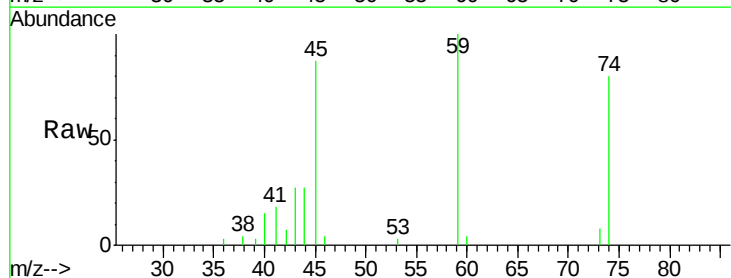
Acq: 21 Aug 2019 11:51

Tgt Ion: 74 Resp: 3994

Ion Ratio Lower Upper

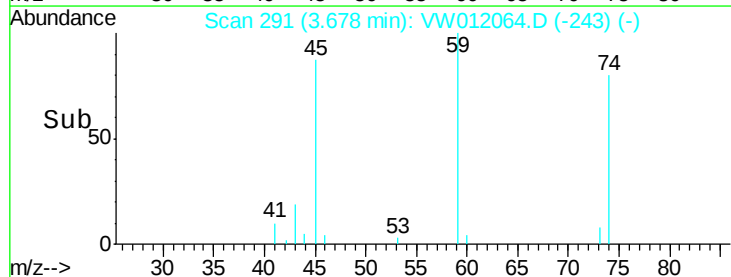
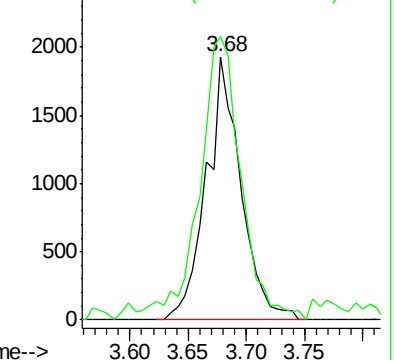
74 100

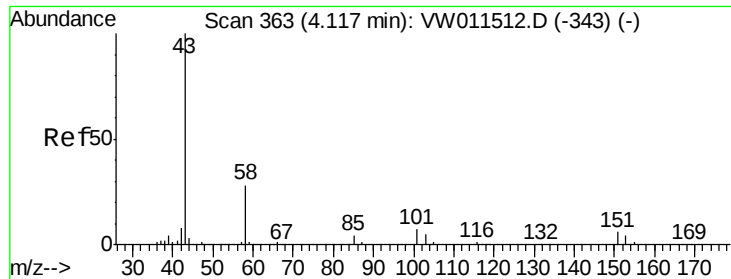
45 128.5 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 20.728 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012064.D

Acq: 21 Aug 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

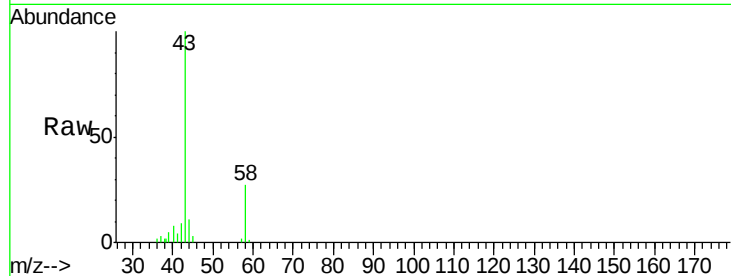
T4-A1-(2)RE

Tot Ion: 43 Resp: 17988

Ion Ratio Lower Upper

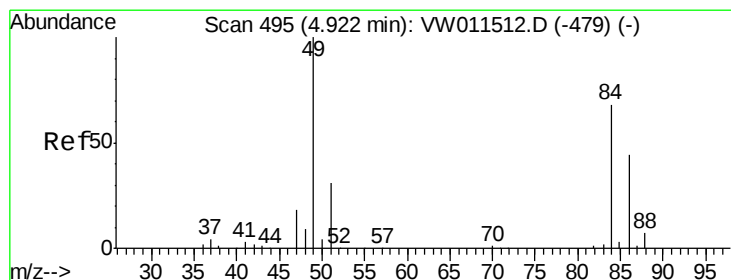
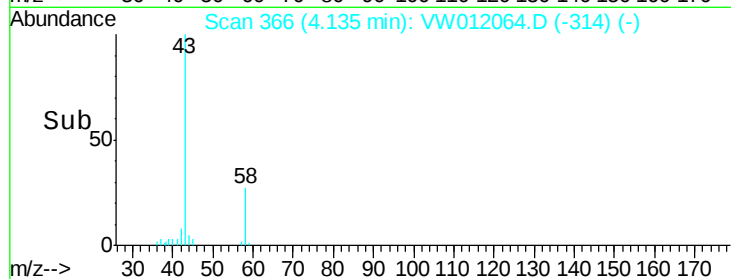
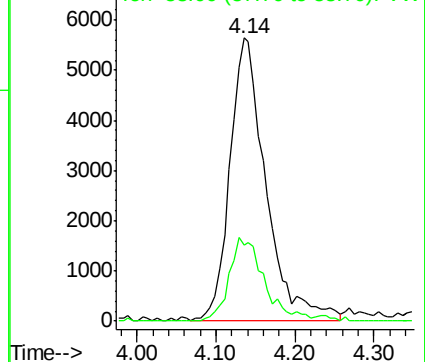
43 100

58 26.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 14.384 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012064.D

Acq: 21 Aug 2019 11:51

Tgt Ion: 84 Resp: 43050

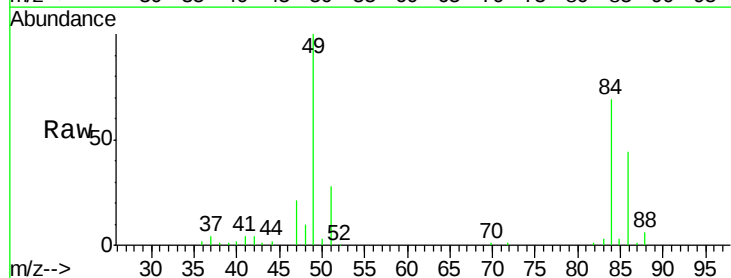
Ion Ratio Lower Upper

84 100

49 143.9 117.8 176.6

51 41.2 37.0 55.4

86 64.1 51.8 77.8

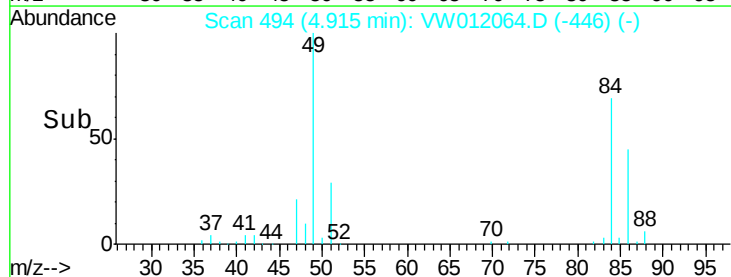
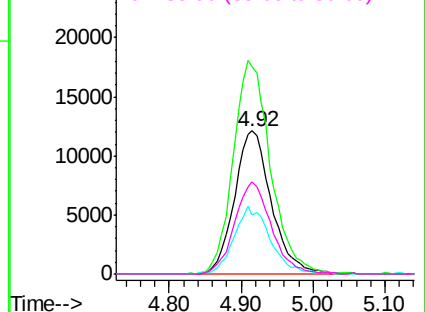


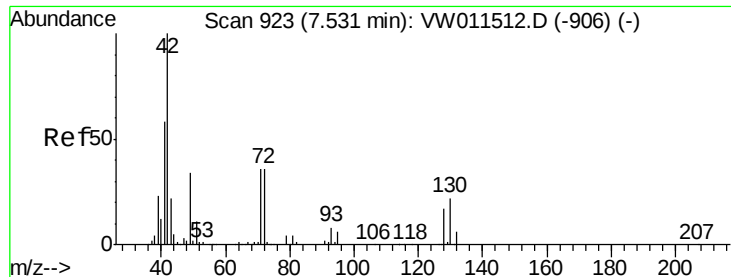
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

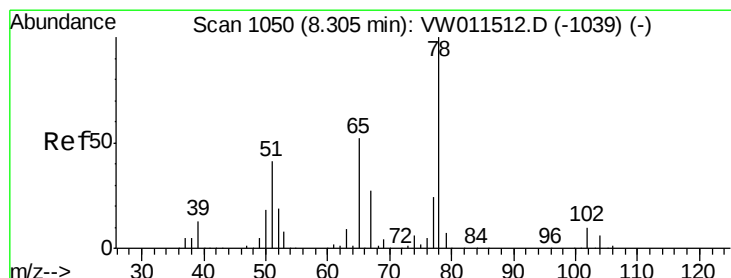
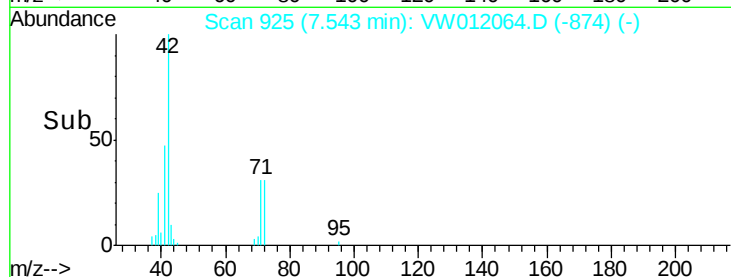
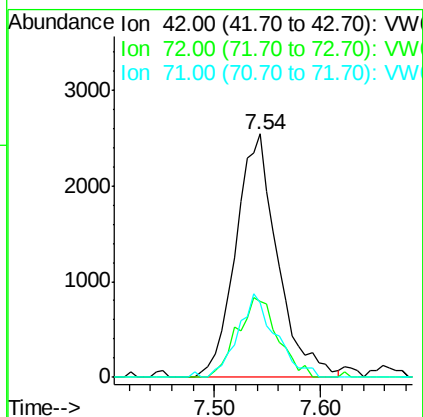
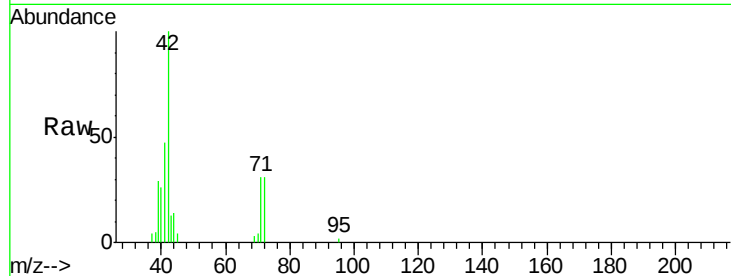




#29
Tetrahydrofuran
Concen: 10.775 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012064.D
Acq: 21 Aug 2019 11:51

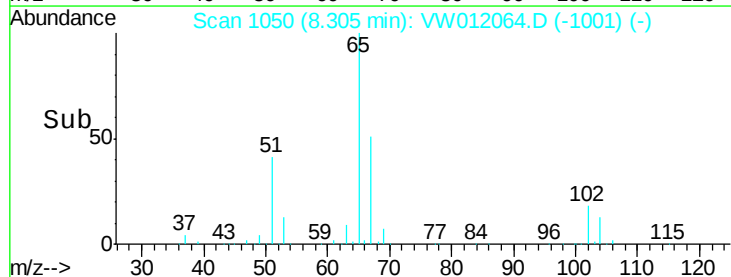
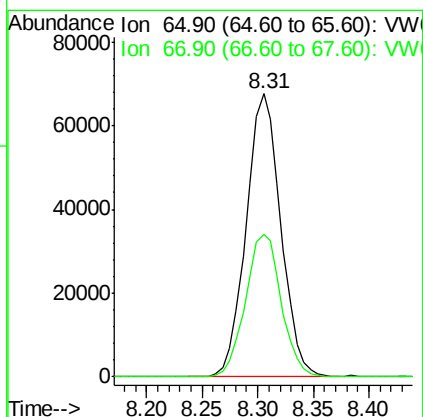
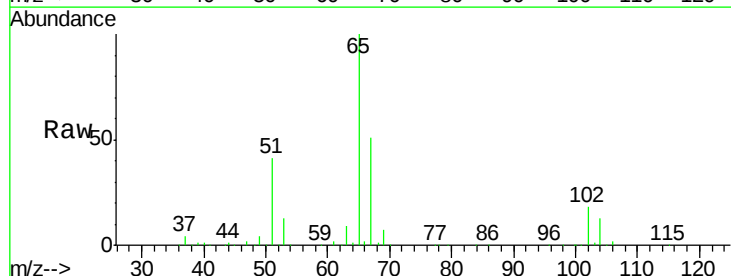
Instrument :
MSVOA_W
ClientSampled :
T4-A1-(2)RE

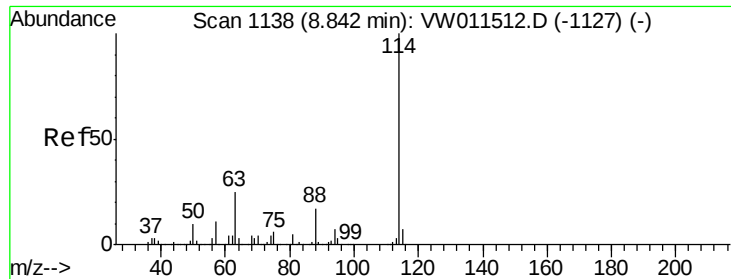
Tot Ion: 42 Resp: 6994
Ion Ratio Lower Upper
42 100
72 31.7 27.1 40.7
71 30.9 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 53.641 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012064.D
Acq: 21 Aug 2019 11:51

Tgt Ion: 65 Resp: 146338
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2

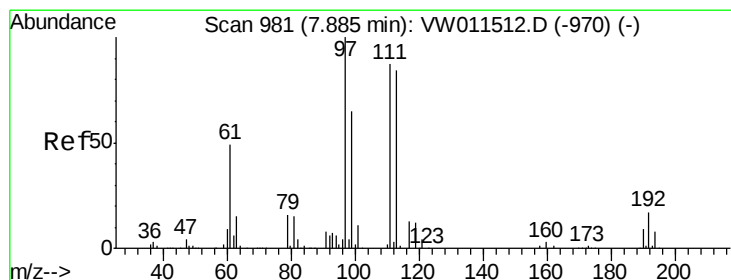
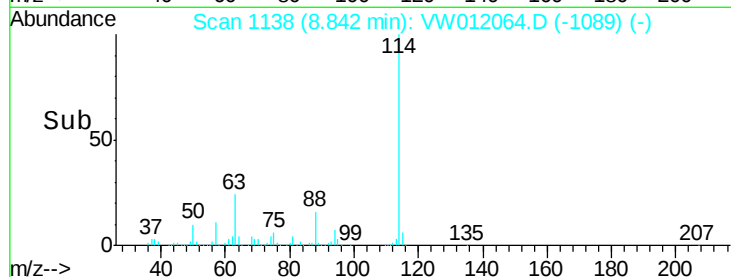
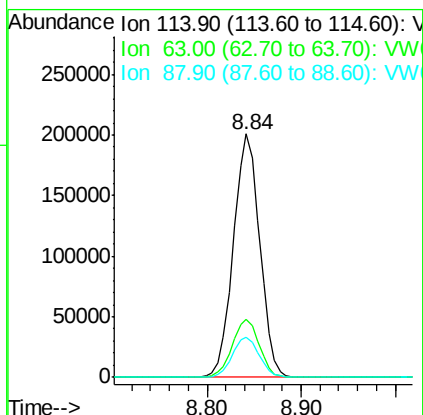
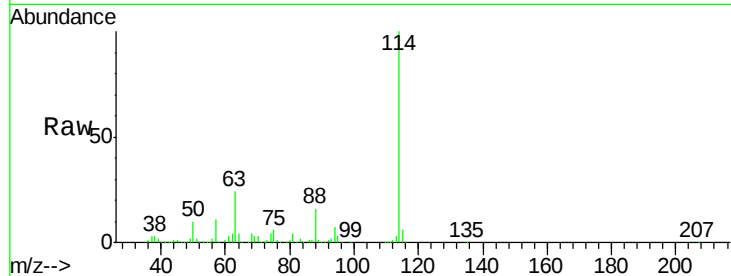




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012064.D
 Acq: 21 Aug 2019 11:51

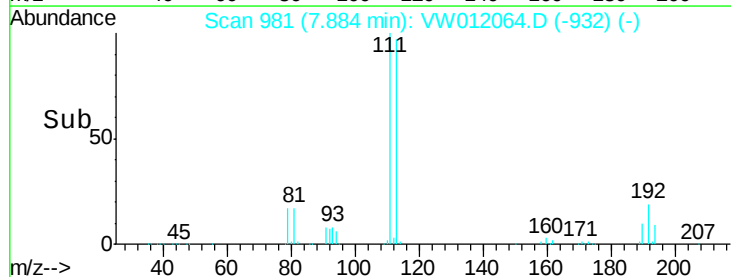
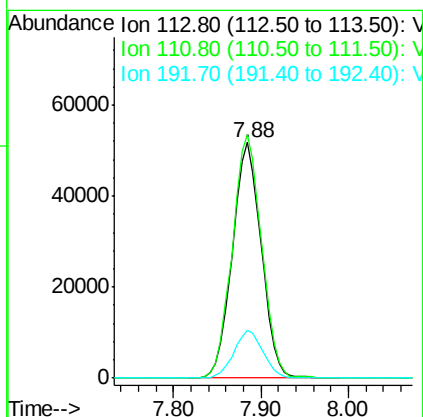
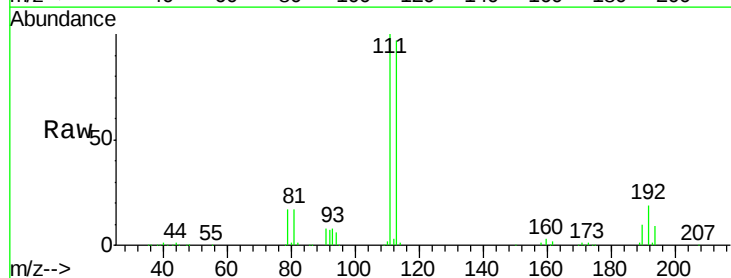
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A1-(2)RE

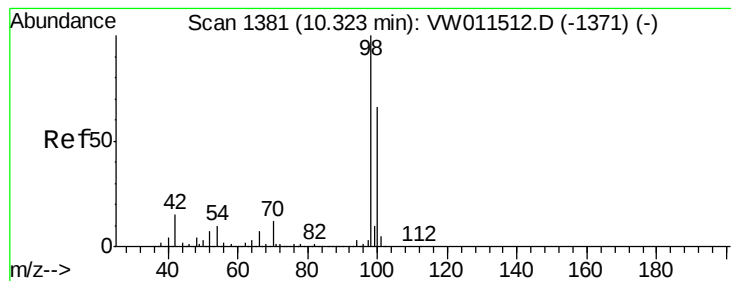
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	49.2
88	16.4	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 54.198 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012064.D
 Acq: 21 Aug 2019 11:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.7	124.1
192	20.5	16.1	24.1





#50

Toluene-d8

Concen: 50.166 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012064.D

Acq: 21 Aug 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

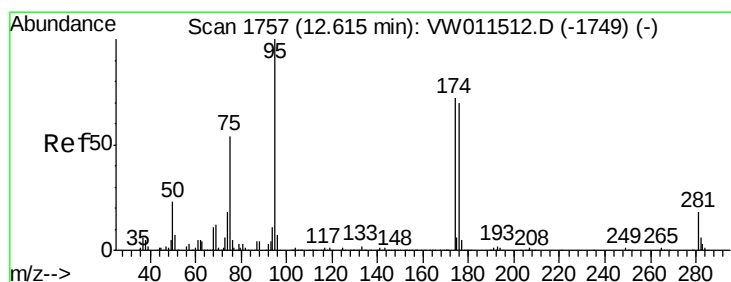
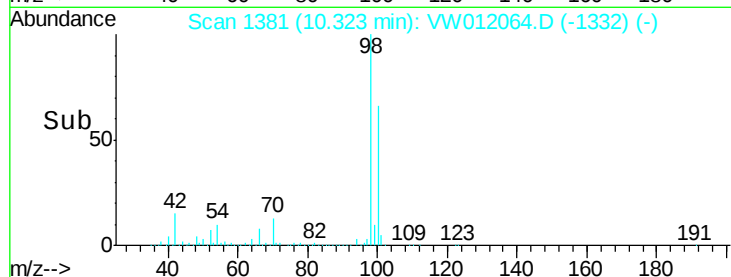
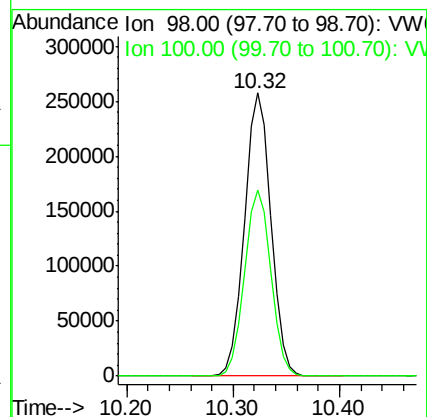
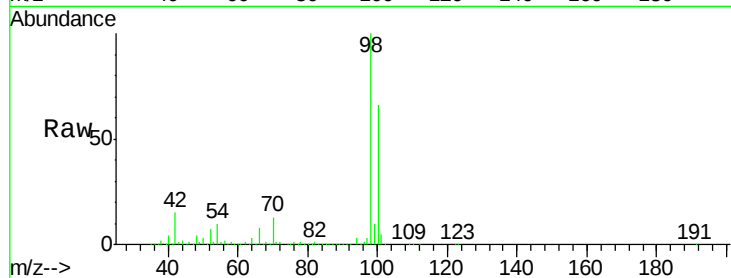
T4-A1-(2)RE

Tot Ion: 98 Resp: 449834

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 36.296 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012064.D

Acq: 21 Aug 2019 11:51

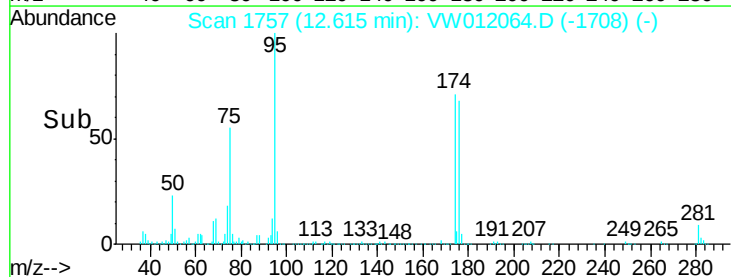
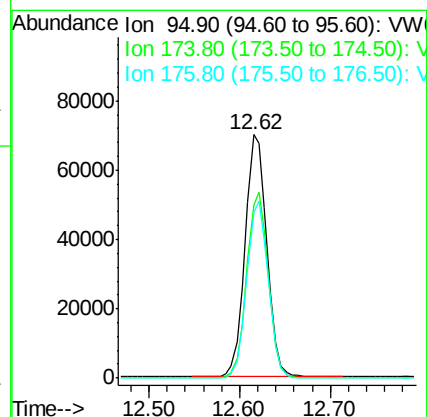
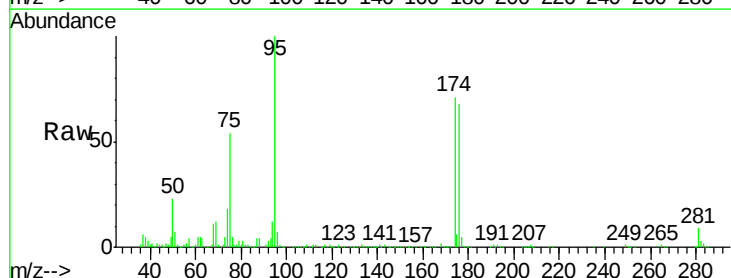
Tgt Ion: 95 Resp: 116033

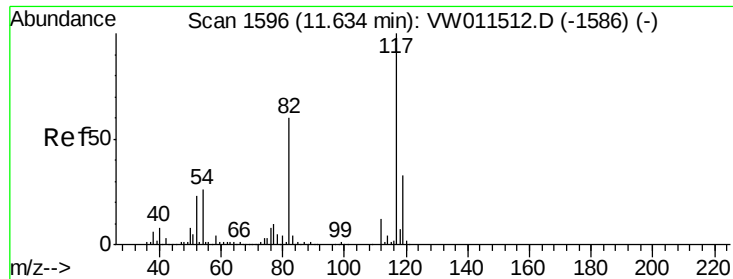
Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.2

176 72.0 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: VW012064.D

Acq: 21 Aug 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

T4-A1-(2)RE

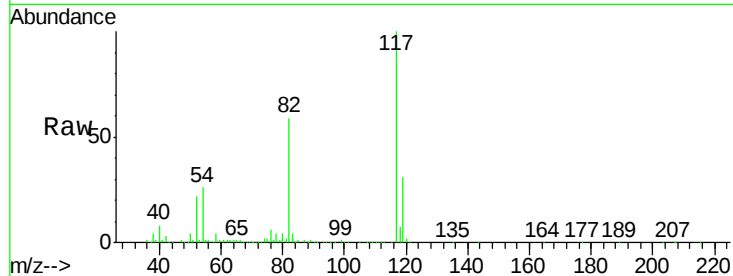
Tot Ion:117 Resp: 276370

Ion Ratio Lower Upper

117 100

82 59.4 47.9 71.9

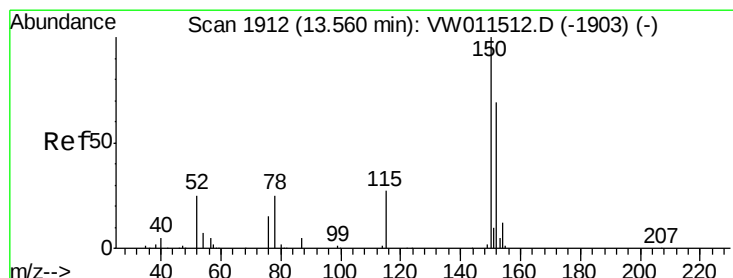
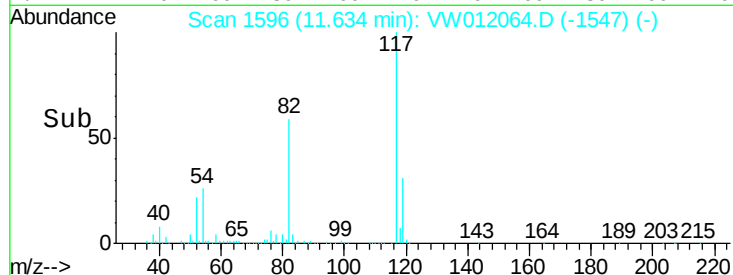
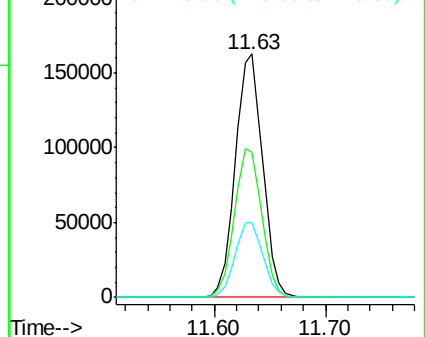
119 30.8 26.2 39.2



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: VW012064.D

Acq: 21 Aug 2019 11:51

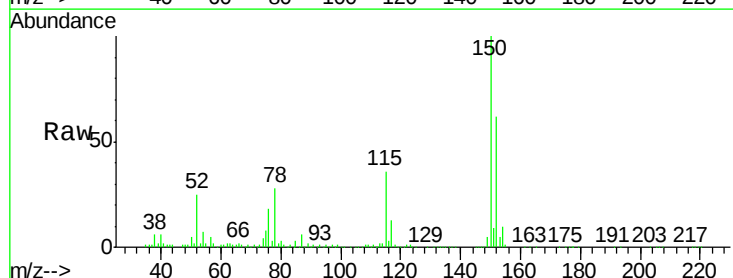
Tgt Ion:152 Resp: 74052

Ion Ratio Lower Upper

152 100

115 59.5 30.5 91.5

150 157.4 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

