

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082019\
 Data File : VW012045.D
 Acq On : 20 Aug 2019 22:13
 Operator : SY/VA
 Sample : K4387-10
 Misc : 4.28G/5ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A1-(0)

Quant Time: Aug 21 01:37:02 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

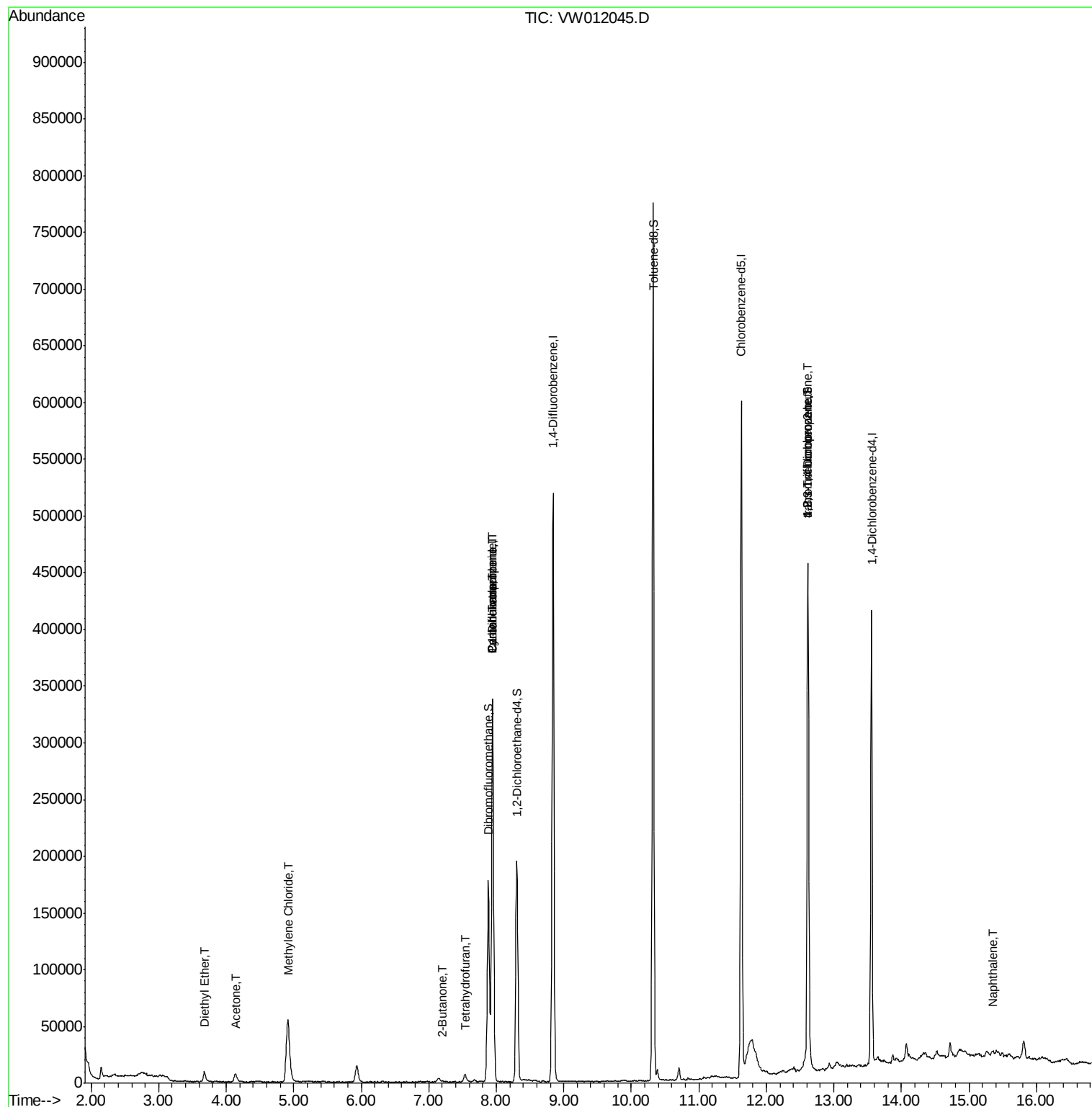
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	413813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	101883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	153871	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
35) Dibromofluoromethane	7.88	113	124501	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
50) Toluene-d8	10.32	98	486804	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.62	95	142158	41.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.90%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	4403	2.991	ug/l	80
11) Tert butyl alcohol	5.15	59	298	Below Cal	#	88
16) Acetone	4.14	43	15073	16.526	ug/l	99
20) Methylene Chloride	4.92	84	43586	13.857	ug/l	95
25) 2-Butanone	7.21	43	1284	1.076	ug/l #	56
29) Tetrahydrofuran	7.54	42	6358	9.320	ug/l	97
31) Cyclohexane	7.95	56	6197	1.156	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21385	4.970	ug/l #	52
38) Carbon Tetrachloride	7.95	117	24515	6.655	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	73865	68.518	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73865	157.910	ug/l #	7
95) Naphthalene	15.36	128	541	2.195	ug/l #	35

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082019\
Data File : VW012045.D
Acq On : 20 Aug 2019 22:13
Operator : SY/VA
Sample : K4387-10
Misc : 4.28G/5ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T4-A1-(0)

Quant Time: Aug 21 01:37:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
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: VW012045.D

Acq: 20 Aug 2019 22:13

Instrument :

MSVOA_W

ClientSampleId :

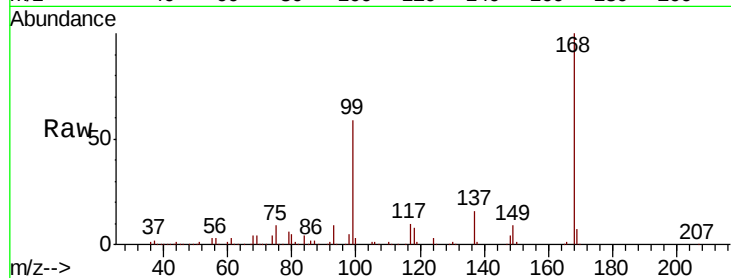
T4-A1-(0)

Tgt Ion:168 Resp: 249697

Ion Ratio Lower Upper

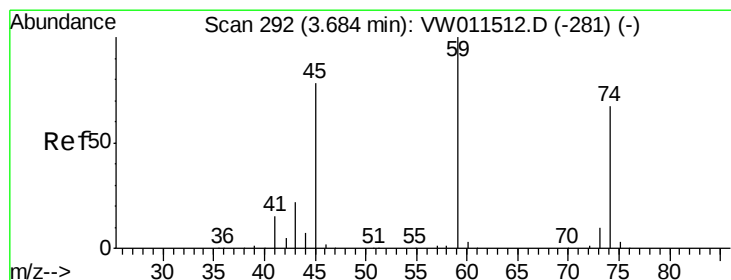
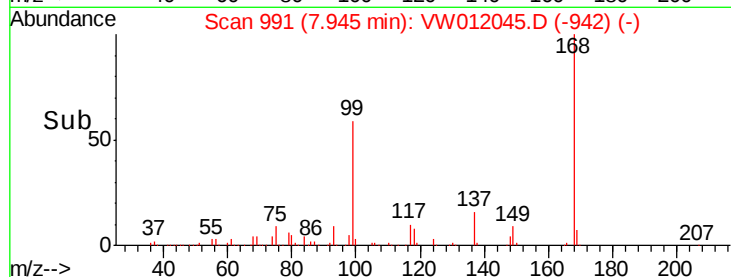
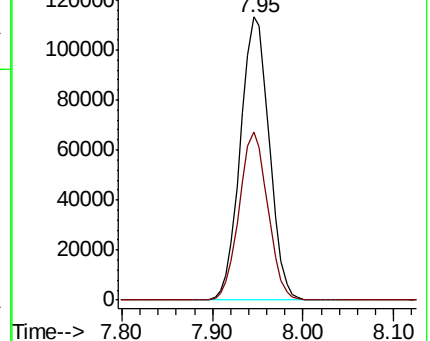
168 100

99 59.5 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: 2.991 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW012045.D

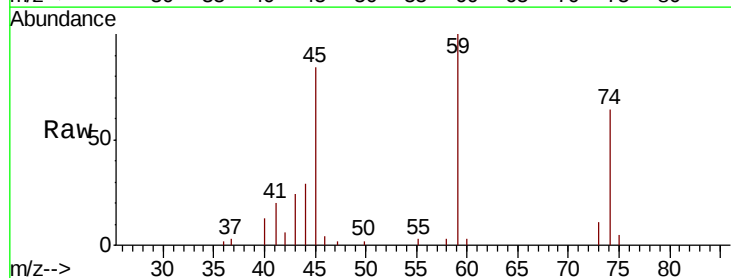
Acq: 20 Aug 2019 22:13

Tgt Ion: 74 Resp: 4403

Ion Ratio Lower Upper

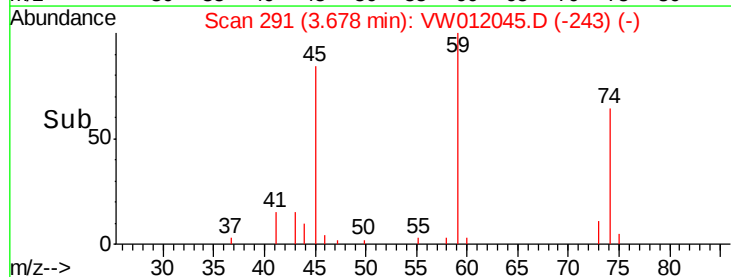
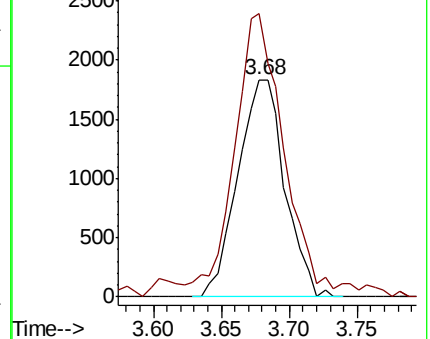
74 100

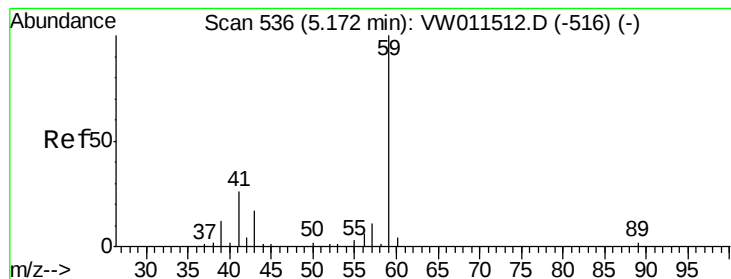
45 141.2 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



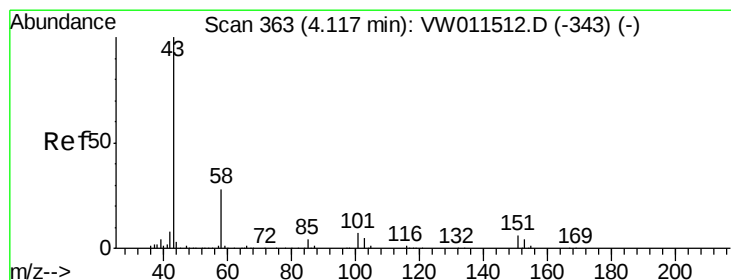
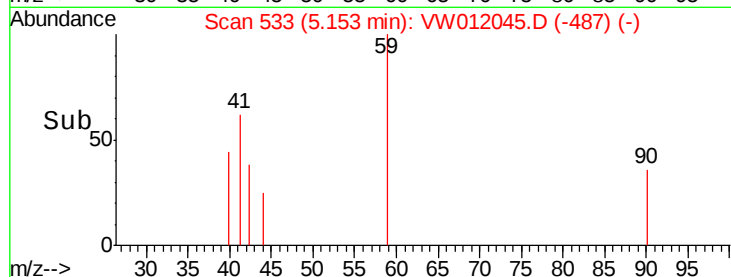
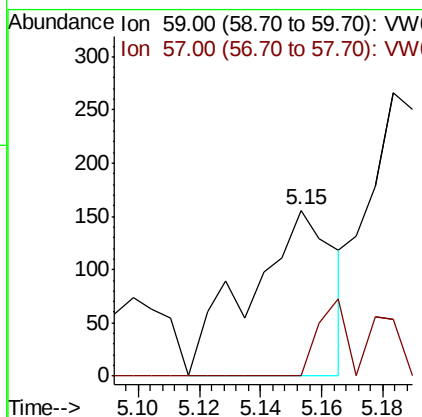
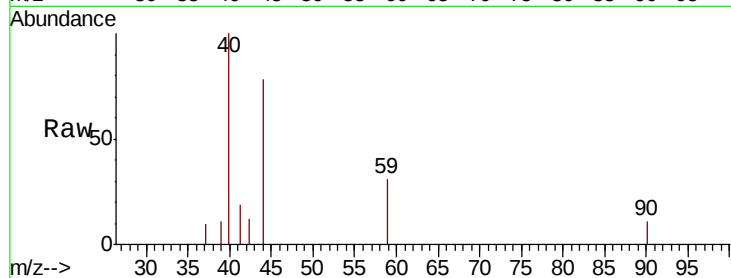


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.15 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VW012045.D
 Acq: 20 Aug 2019 22:13

Instrument :
 MSVOA_W
 ClientSampled :
 T4-A1-(0)

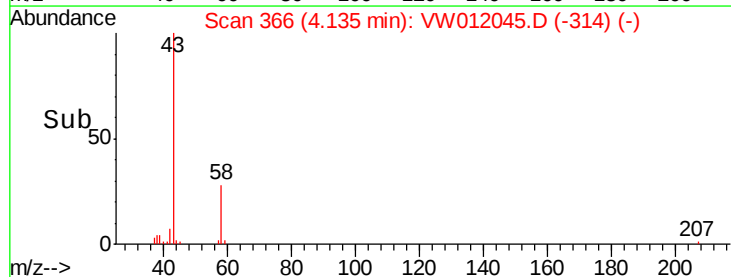
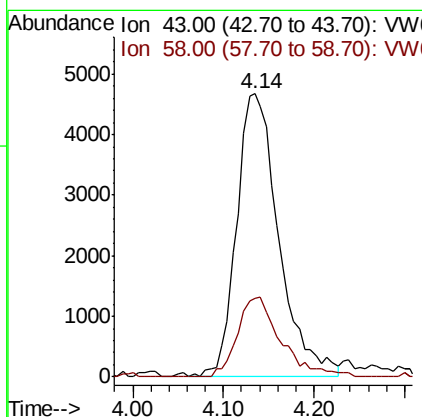
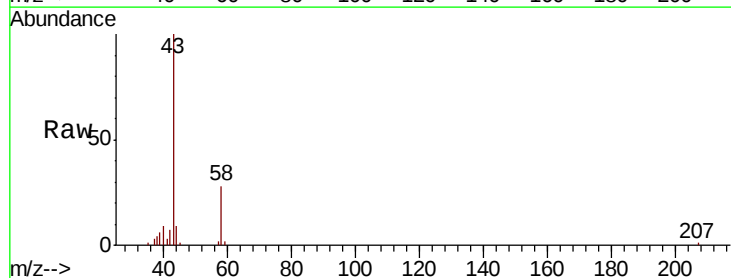
Tgt Ion: 59 Resp: 298
 Ion Ratio Lower Upper
 59 100
 57 15.1 8.5 12.7#

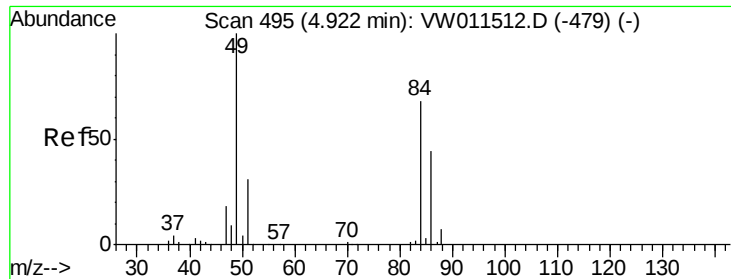


#16

Acetone
 Concen: 16.526 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. 0.02 min
 Lab File: VW012045.D
 Acq: 20 Aug 2019 22:13

Tgt Ion: 43 Resp: 15073
 Ion Ratio Lower Upper
 43 100
 58 27.6 22.3 33.5

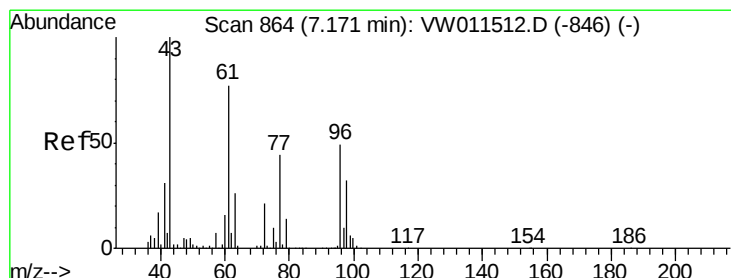
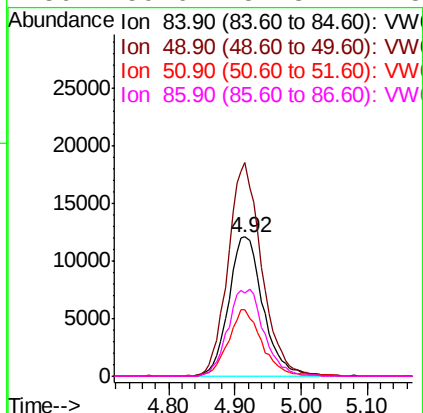
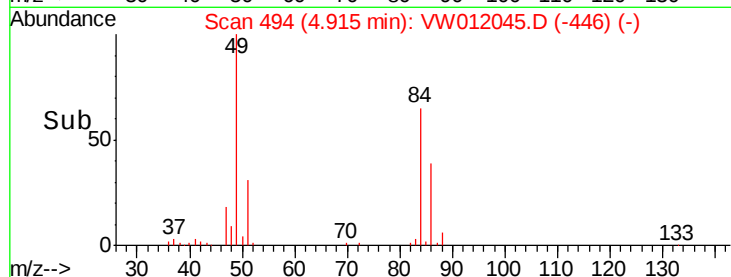
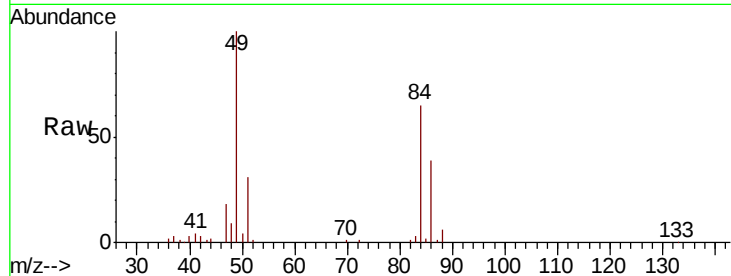




#20
Methylene Chloride
Concen: 13.857 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

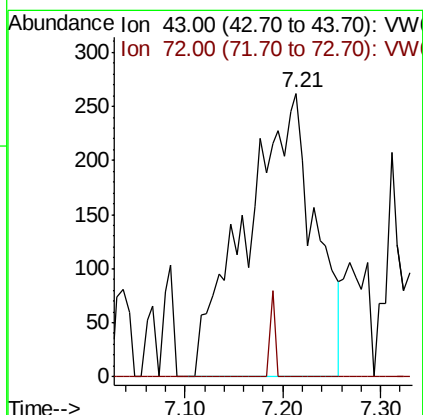
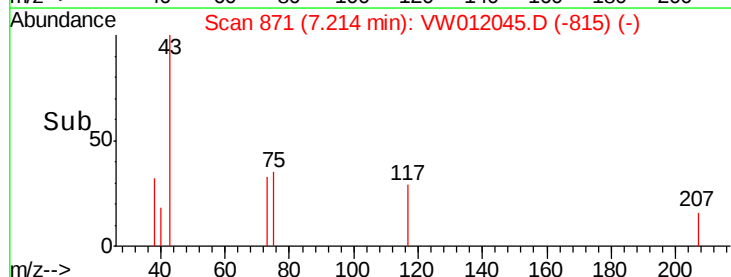
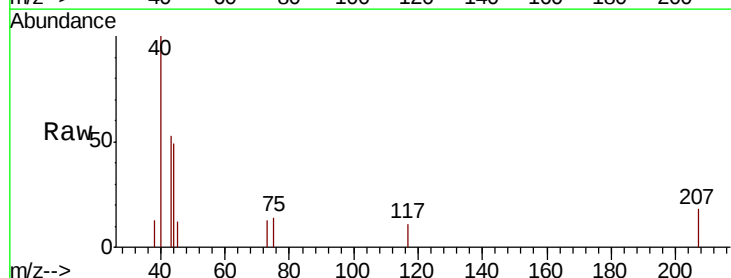
Instrument :
MSVOA_W
ClientSampled :
T4-A1-(0)

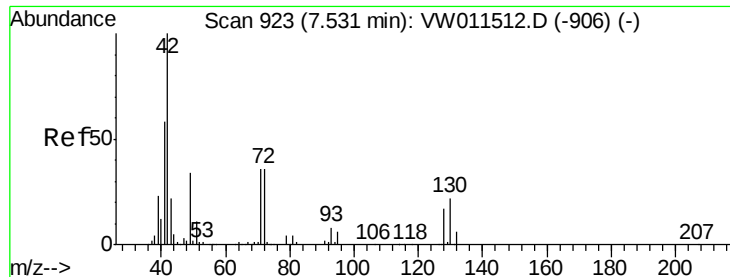
Tgt Ion: 84 Resp: 43586
Ion Ratio Lower Upper
84 100
49 153.4 117.8 176.6
51 47.8 37.0 55.4
86 59.6 51.8 77.8



#25
2-Butanone
Concen: 1.076 ug/l
RT: 7.21 min Scan# 871
Delta R.T. 0.04 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
72 0.0 16.6 24.8#

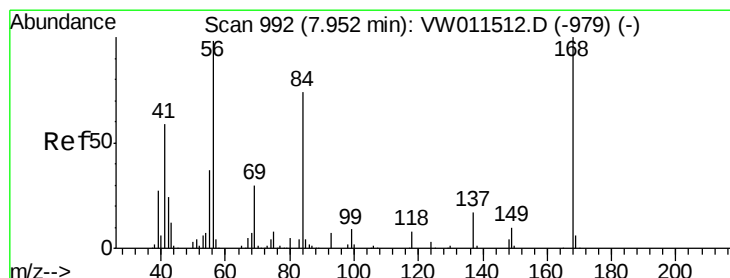
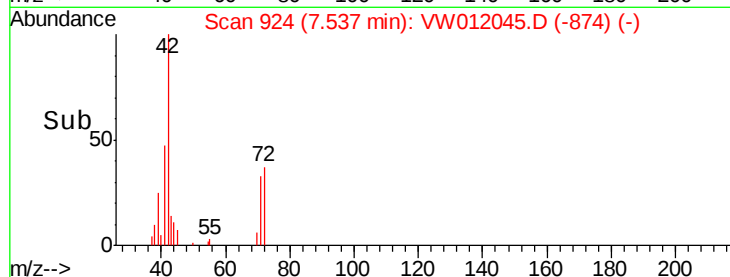
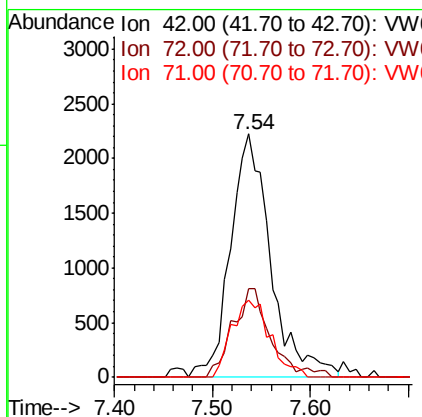
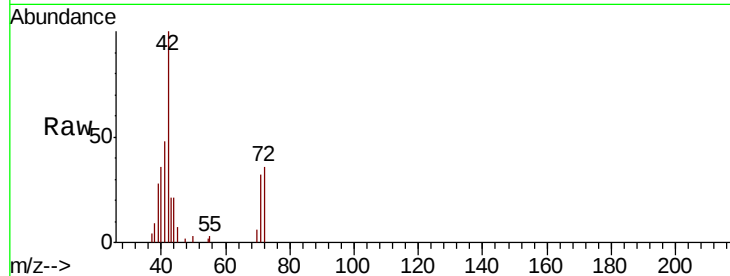




#29
Tetrahydrofuran
Concen: 9.320 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

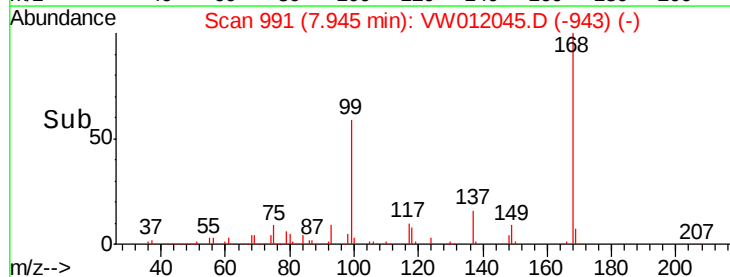
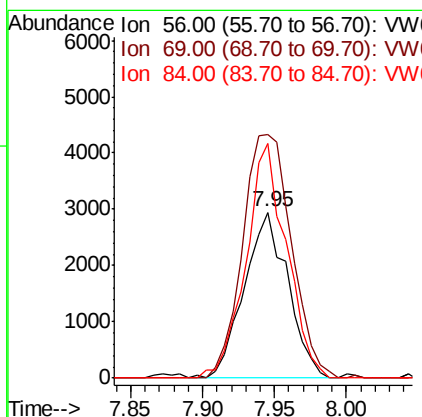
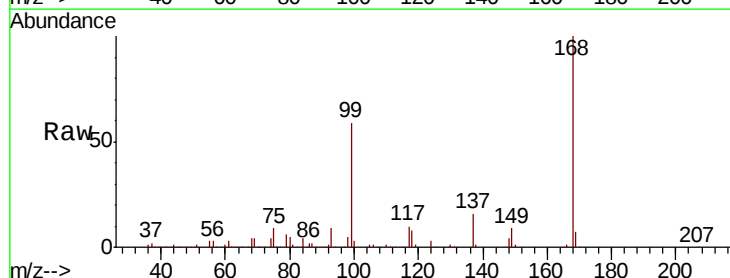
Instrument :
MSVOA_W
ClientSampleId :
T4-A1-(0)

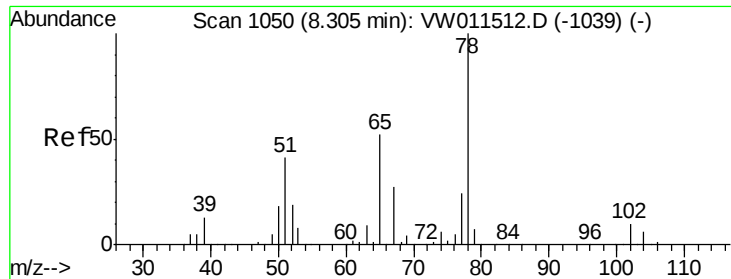
Tgt Ion: 42 Resp: 6358
Ion Ratio Lower Upper
42 100
72 32.8 27.1 40.7
71 30.4 26.2 39.4



#31
Cyclohexane
Concen: 1.156 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

Tgt Ion: 56 Resp: 6197
Ion Ratio Lower Upper
56 100
69 146.7 24.3 36.5#
84 141.2 60.4 90.6#

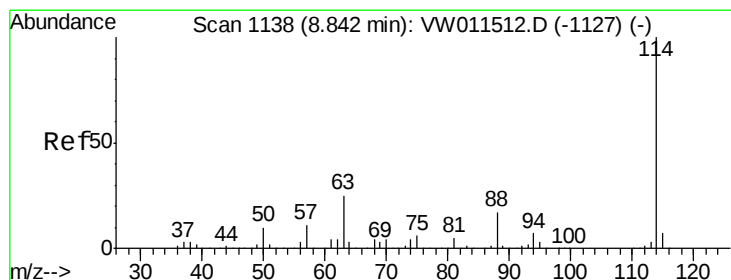
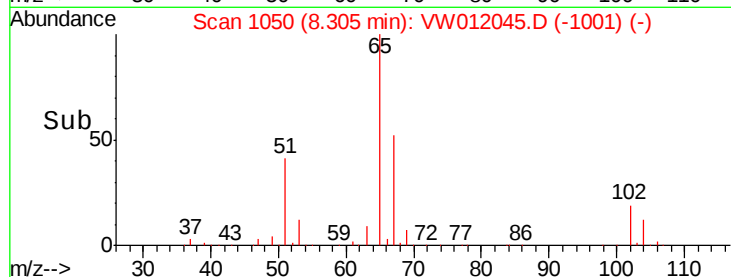
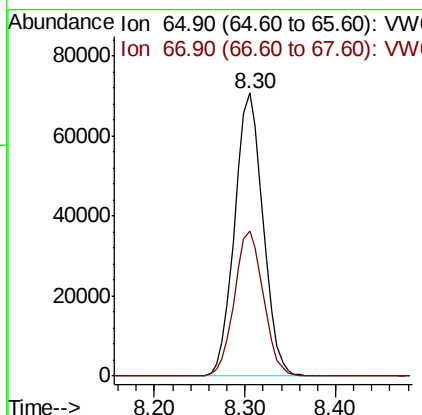
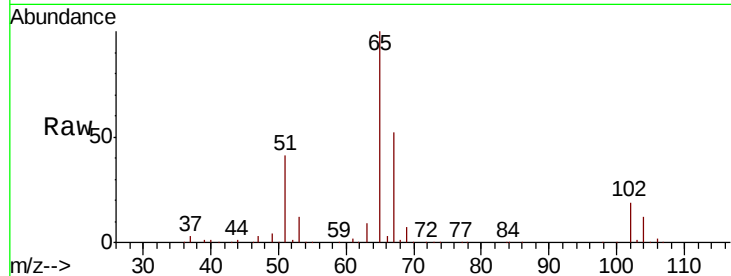




#33
 1,2-Dichloroethane-d4
 Concen: 53.666 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012045.D
 Acq: 20 Aug 2019 22:13

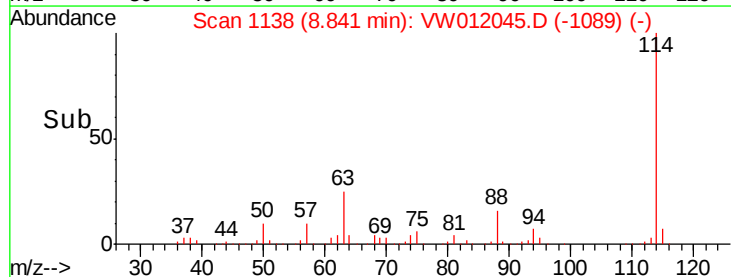
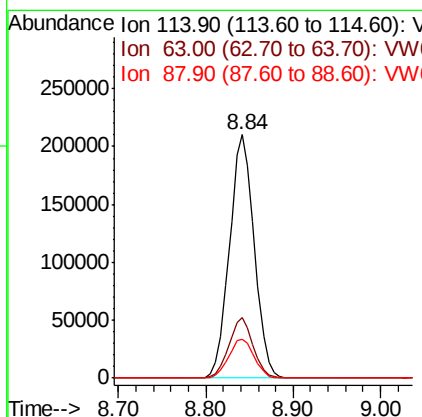
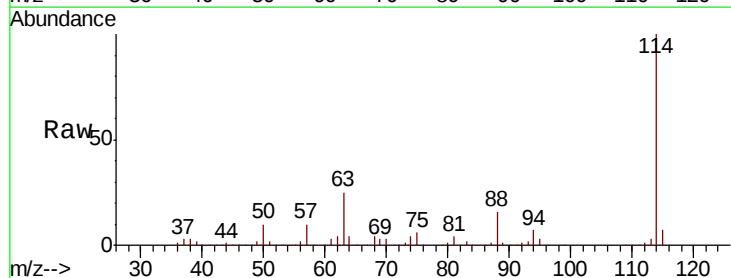
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A1-(0)

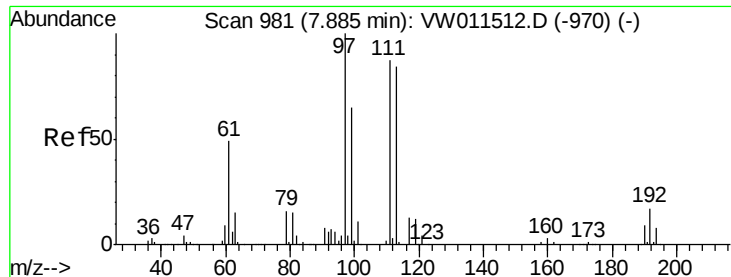
Tgt Ion: 65 Resp: 153871
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012045.D
 Acq: 20 Aug 2019 22:13

Tgt Ion: 114 Resp: 413813
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 15.9 0.0 33.8

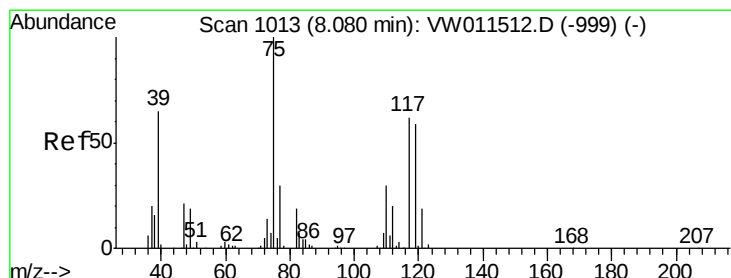
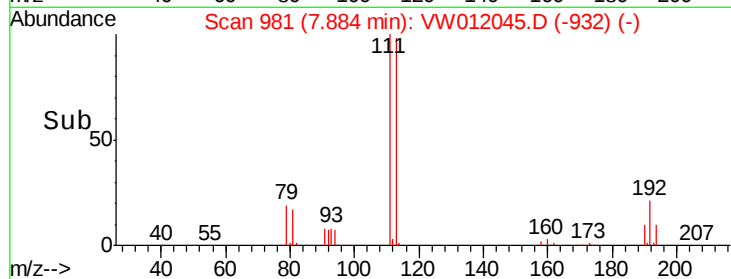
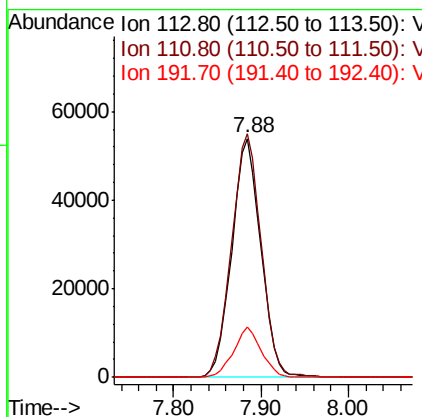
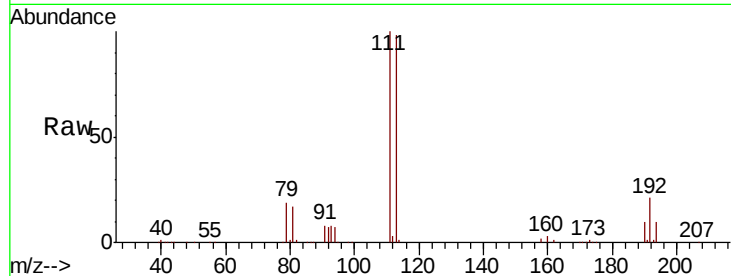




#35
 Dibromofluoromethane
 Concen: 53.628 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012045.D
 Acq: 20 Aug 2019 22:13

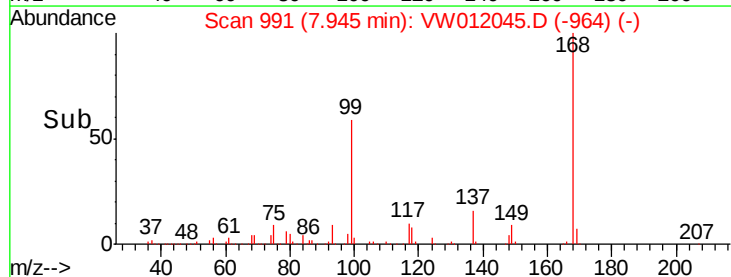
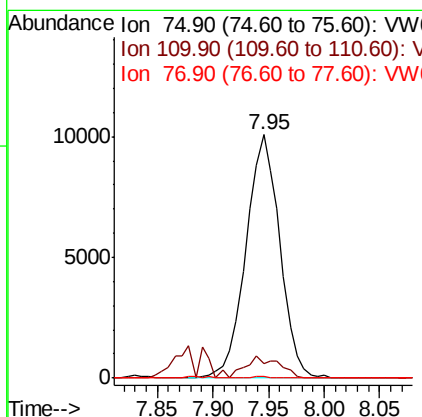
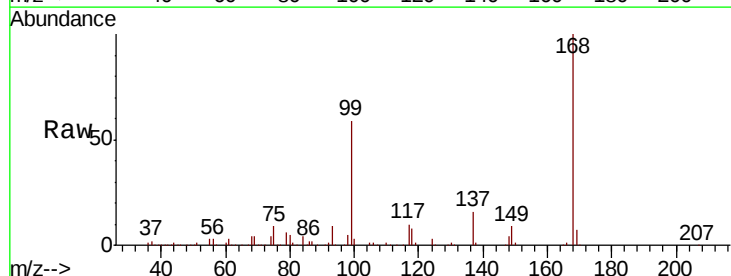
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A1-(0)

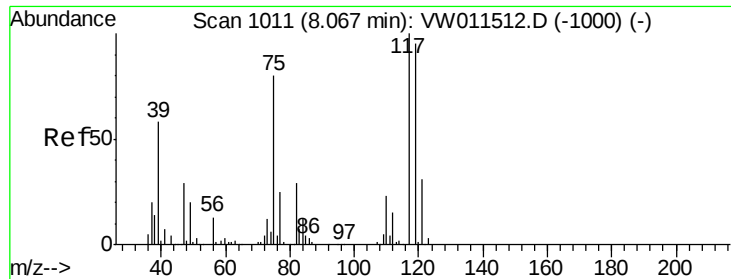
Tgt Ion: 113 Resp: 124501
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.7 124.1
 192 20.1 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 4.970 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012045.D
 Acq: 20 Aug 2019 22:13

Tgt Ion: 75 Resp: 21385
 Ion Ratio Lower Upper
 75 100
 110 8.9 15.6 46.8#
 77 0.2 24.3 36.5#

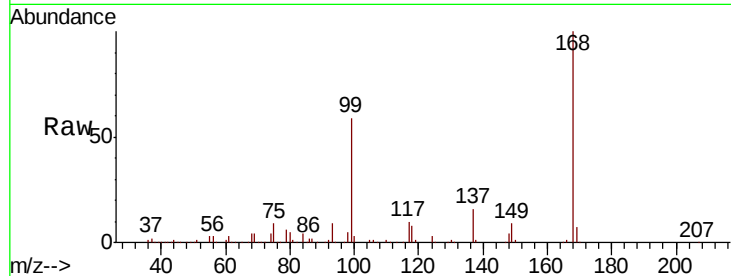




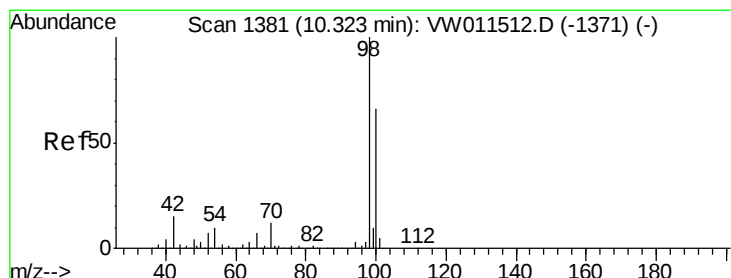
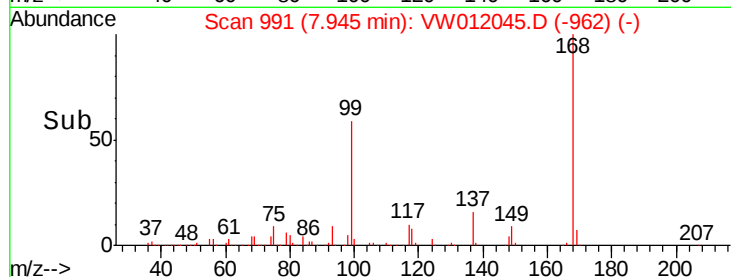
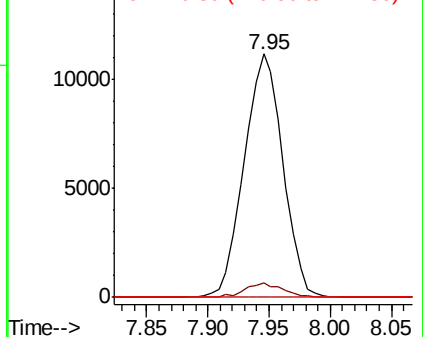
#38
Carbon Tetrachloride
Concen: 6.655 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

Instrument :
MSVOA_W
ClientSampleId :
T4-A1-(0)

Tgt Ion:117 Resp: 24515
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 24.7 37.1#

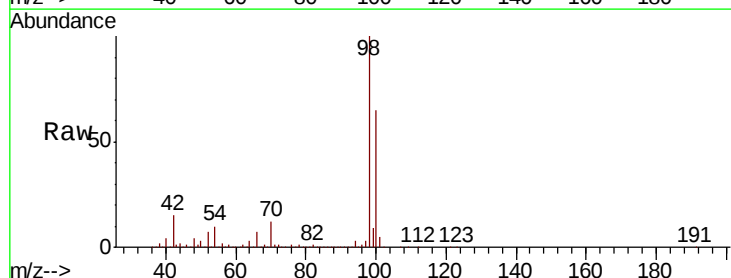


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

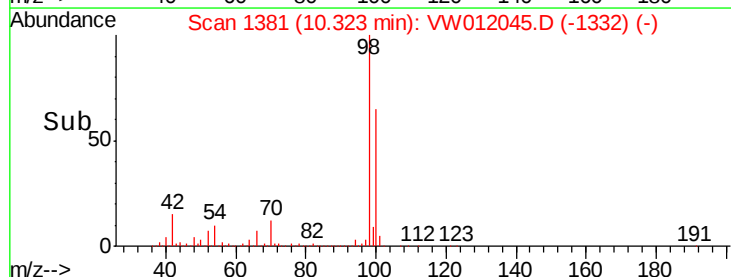
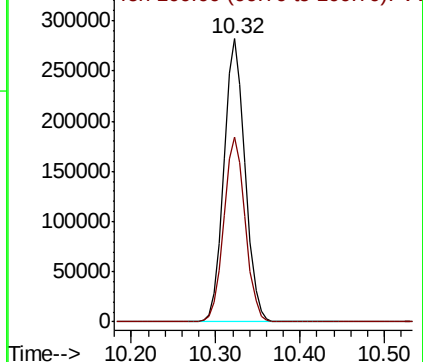


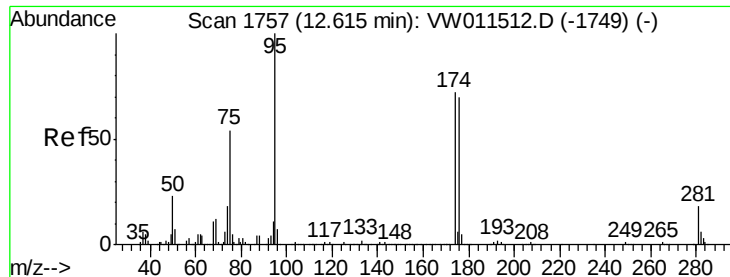
#50
Toluene-d8
Concen: 51.215 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

Tgt Ion: 98 Resp: 486804
Ion Ratio Lower Upper
98 100
100 65.7 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: 41.950 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012045.D

Acq: 20 Aug 2019 22:13

Instrument :

MSVOA_W

ClientSampleId :

T4-A1-(0)

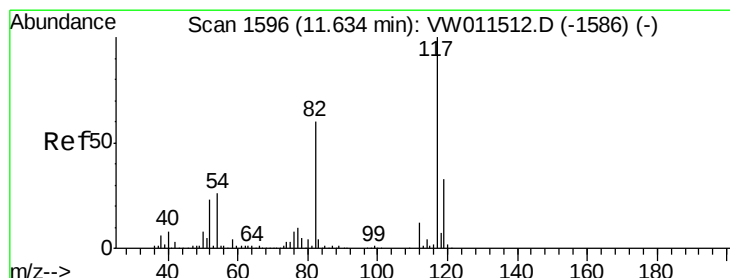
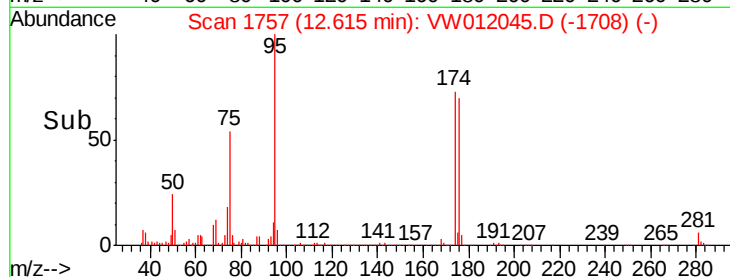
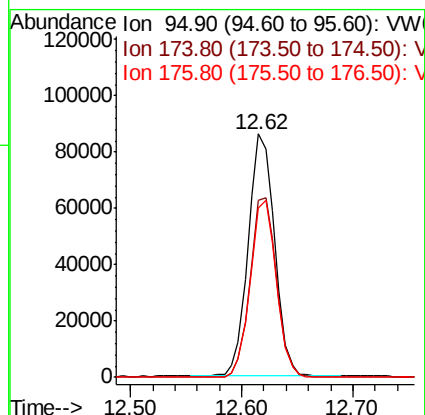
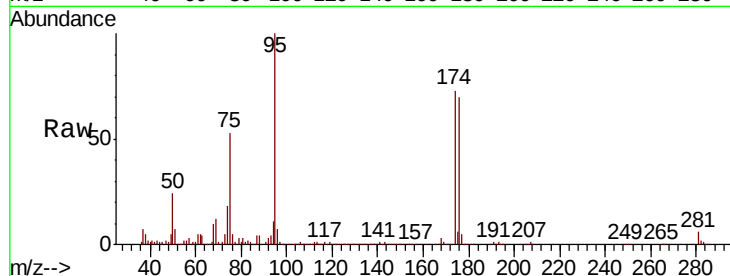
Tgt Ion: 95 Resp: 142158

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.2

176 72.4 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: VW012045.D

Acq: 20 Aug 2019 22:13

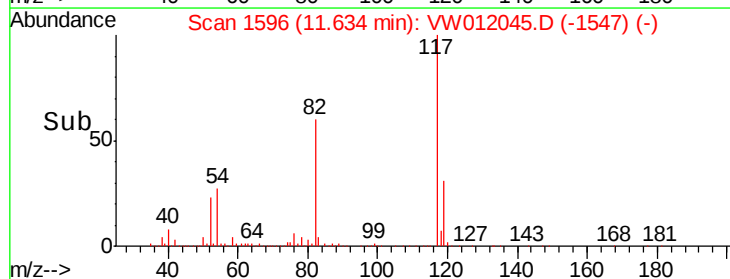
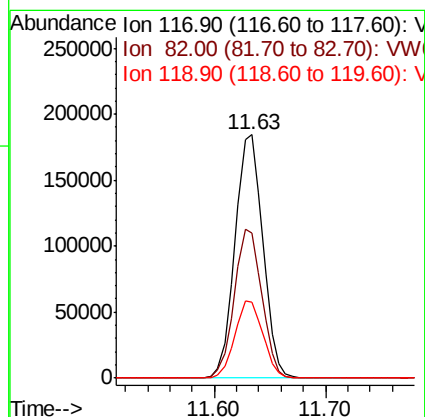
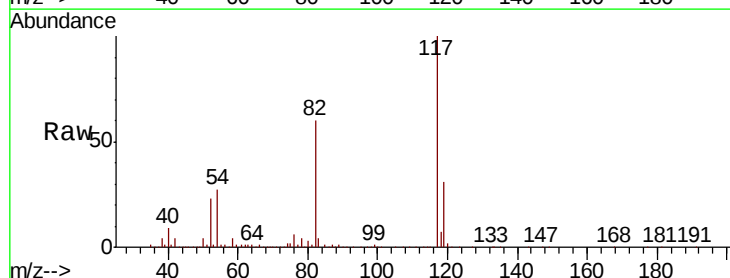
Tgt Ion: 117 Resp: 319617

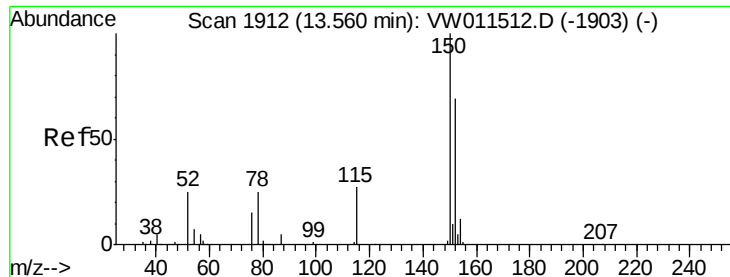
Ion Ratio Lower Upper

117 100

82 59.8 47.9 71.9

119 31.1 26.2 39.2



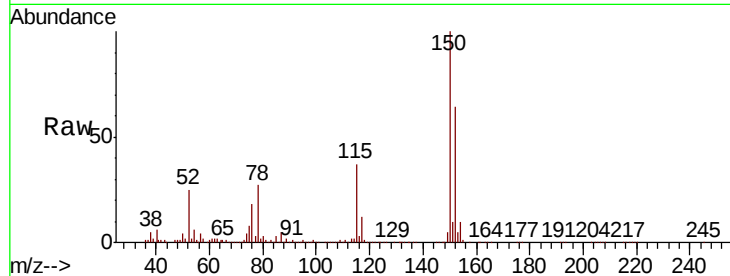


#72

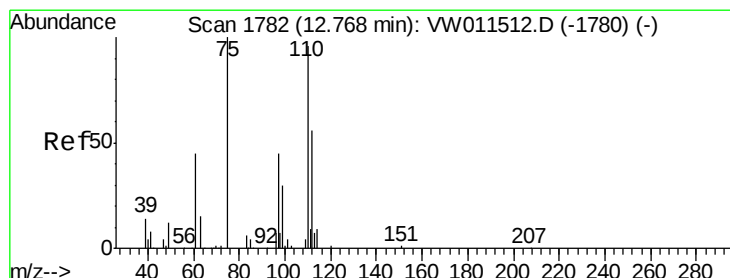
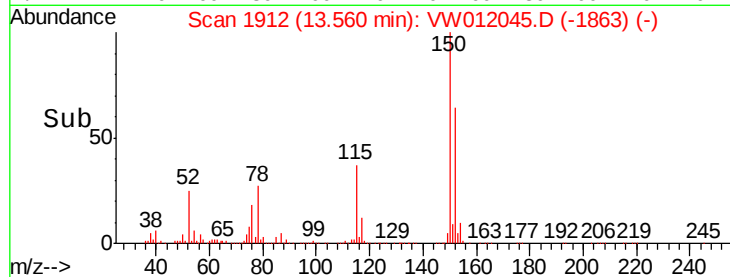
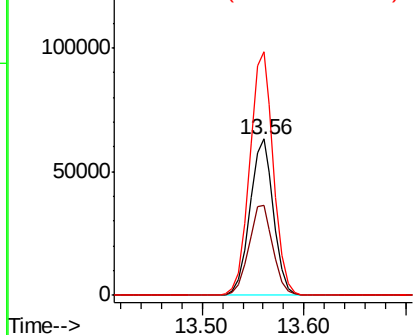
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

Instrument :
MSVOA_W
ClientSampleId :
T4-A1-(0)

Tgt Ion	Resp	Lower	Upper
152	100		
115	58.4	30.5	91.5
150	155.8	0.0	352.6



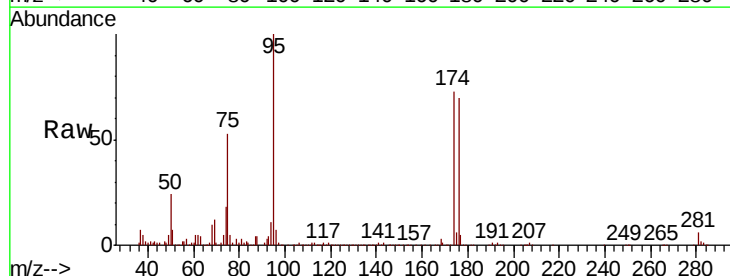
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



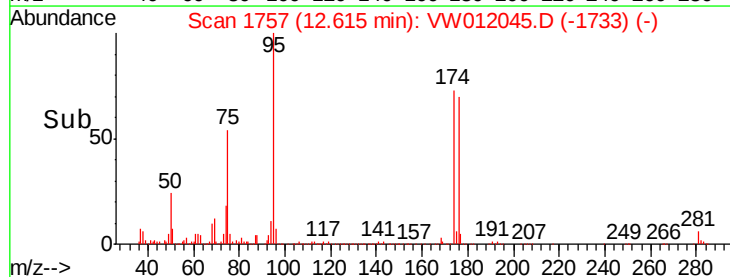
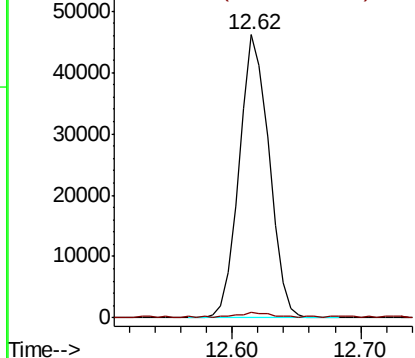
#76

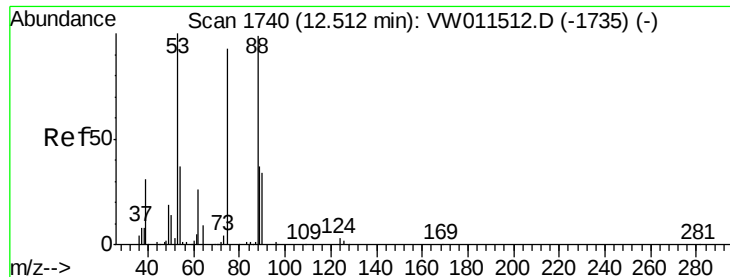
1,2,3-Trichloropropane
Concen: 68.518 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.9	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

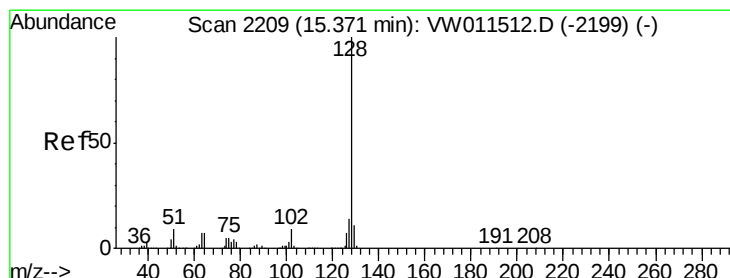
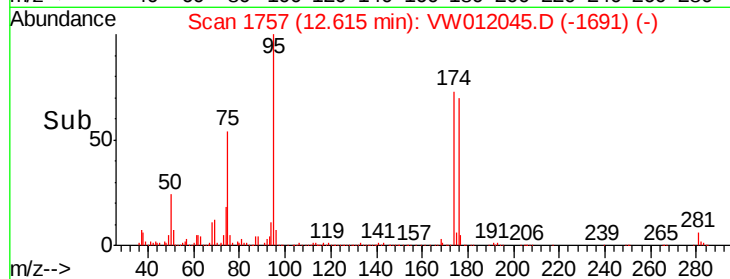
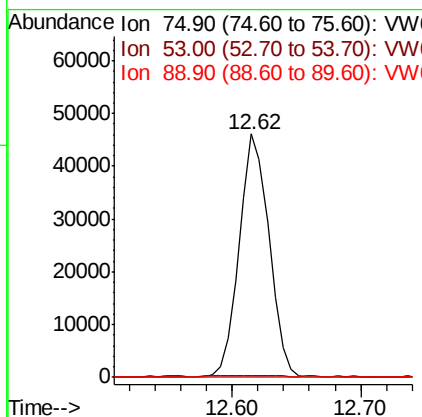
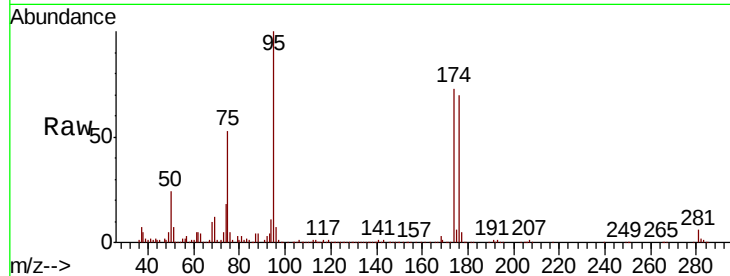




#81
trans-1,4-Dichloro-2-butene
Concen: 157.910 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

Instrument :
MSVOA_W
ClientSampleId :
T4-A1-(0)

Tgt Ion: 75 Resp: 73865
Ion Ratio Lower Upper
75 100
53 1.2 88.0 132.0#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.195 ug/l
RT: 15.36 min Scan# 2207
Delta R.T. -0.01 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

Tgt Ion: 128 Resp: 541
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 49.9 8.6 13.0#

