

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082019\
 Data File : VW012053.D
 Acq On : 21 Aug 2019 01:41
 Operator : SY/VA
 Sample : K4387-19
 Misc : 5.85G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-B1-(0)

Quant Time: Aug 21 02:28:16 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

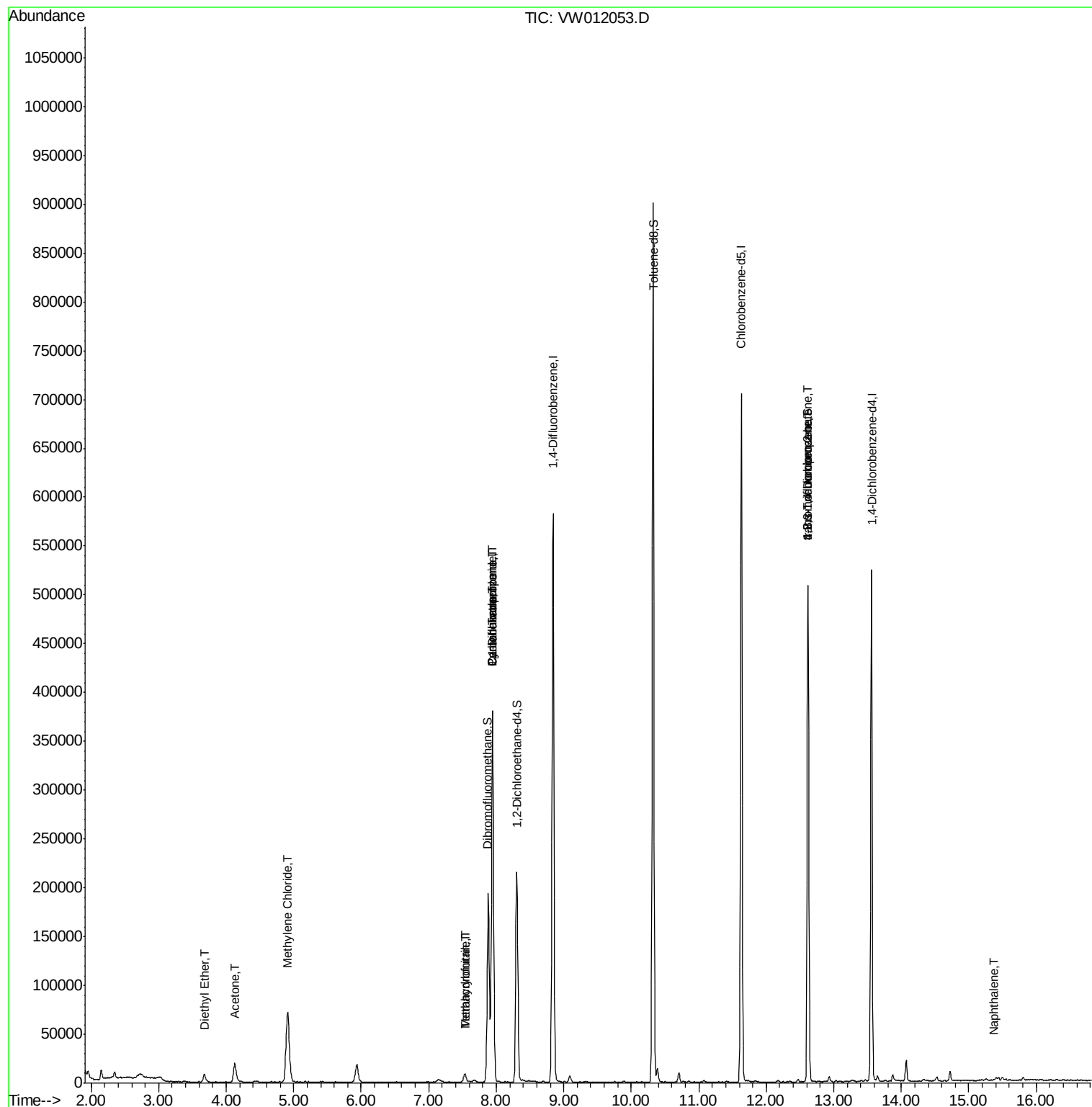
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	457270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	170401	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
35) Dibromofluoromethane	7.88	113	138459	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
50) Toluene-d8	10.32	98	569061	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
62) 4-Bromofluorobenzene	12.62	95	168883	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
Target Compounds						
8) Diethyl Ether	3.68	74	4138	2.539	ug/l	90
11) Tert butyl alcohol	5.18	59	1029	Below Cal	#	72
16) Acetone	4.13	43	36896	36.537	ug/l	98
20) Methylene Chloride	4.91	84	54521	15.655	ug/l	98
29) Tetrahydrofuran	7.53	42	8045	10.651	ug/l	98
31) Cyclohexane	7.95	56	6637	1.118	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	23571	4.957	ug/l #	52
38) Carbon Tetrachloride	7.95	117	27836	6.839	ug/l #	17
41) Methacrylonitrile	7.54	41	4695	2.871	ug/l #	55
76) 1,2,3-Trichloropropane	12.62	75	88701	64.462	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	88701	148.563	ug/l #	6
95) Naphthalene	15.37	128	937	2.241	ug/l #	85

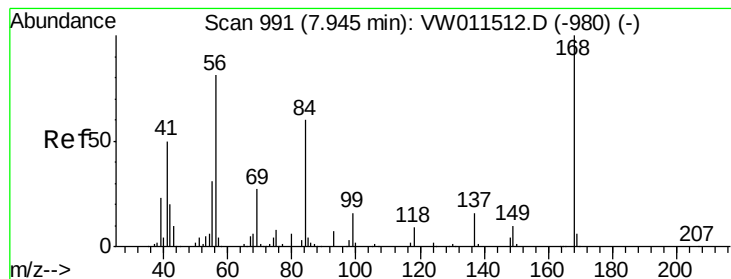
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082019\
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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: VW012053.D

Acq: 21 Aug 2019 01:41

Instrument :

MSVOA_W

ClientSampled :

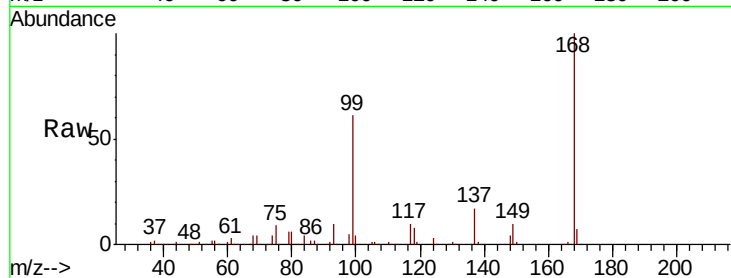
T4-B1-(0)

Tgt Ion:168 Resp: 276466

Ion Ratio Lower Upper

168 100

99 61.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

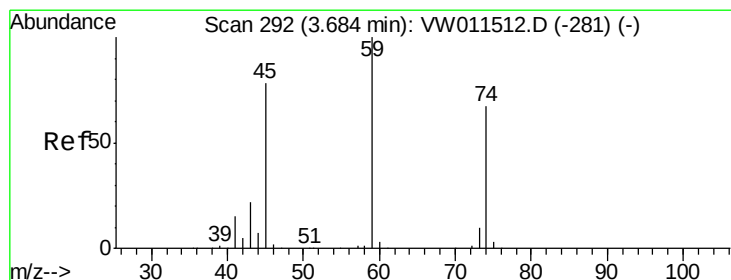
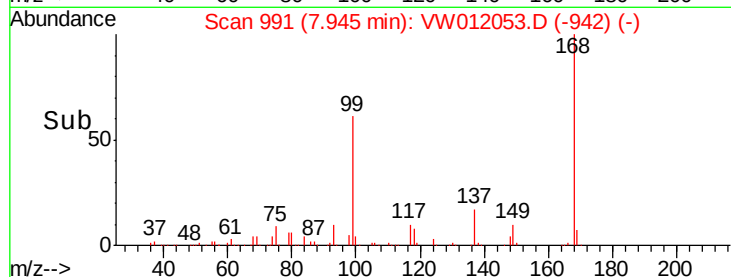
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.539 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW012053.D

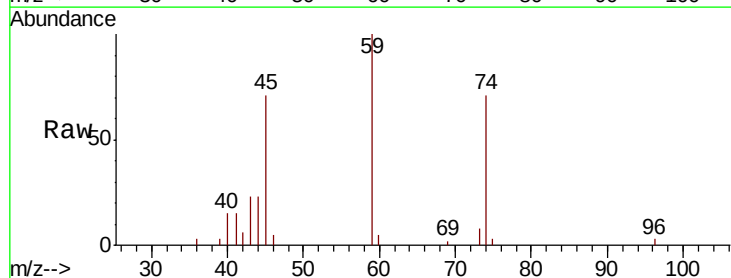
Acq: 21 Aug 2019 01:41

Tgt Ion: 74 Resp: 4138

Ion Ratio Lower Upper

74 100

45 130.7 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

2000

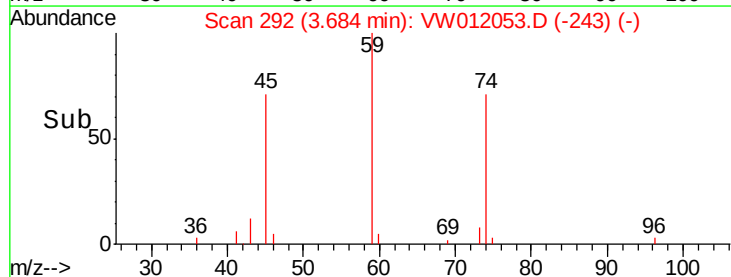
1500

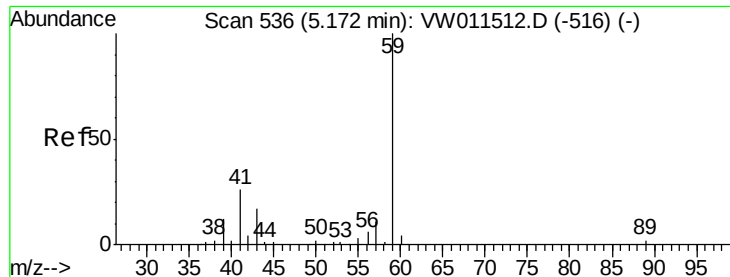
1000

500

0

Time-->

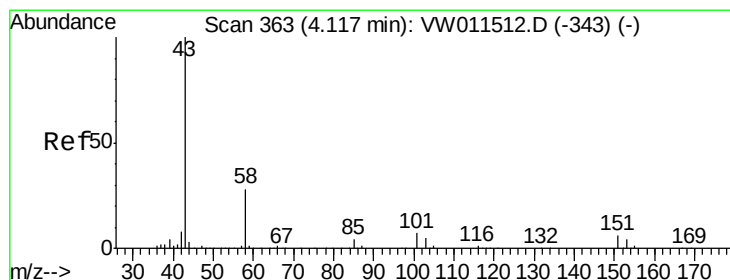
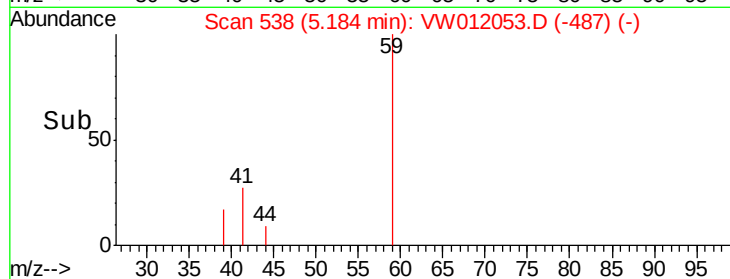
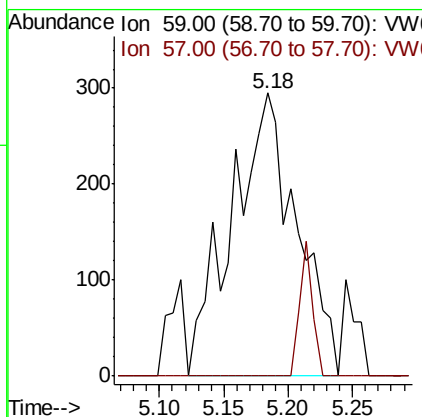
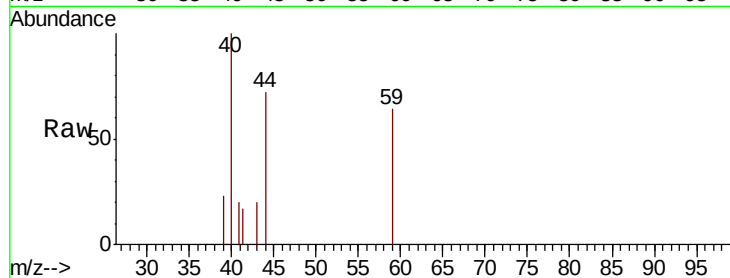




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

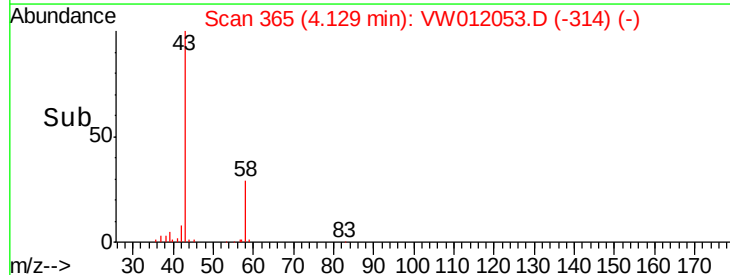
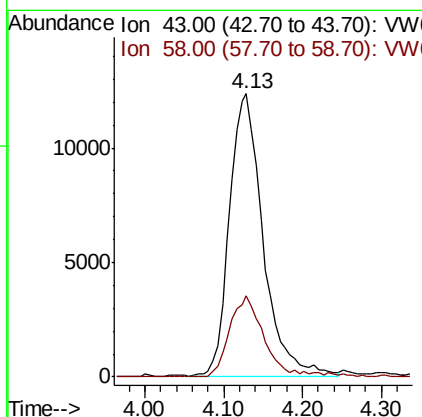
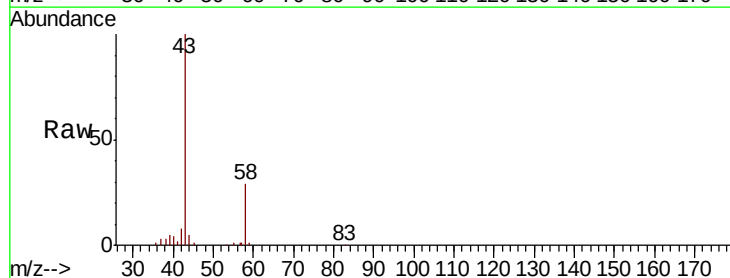
Instrument :
MSVOA_W
ClientSampleId :
T4-B1-(0)

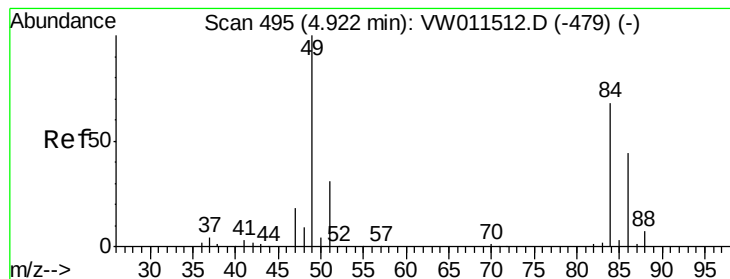
Tgt Ion: 59 Resp: 1029
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 36.537 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

Tgt Ion: 43 Resp: 36896
Ion Ratio Lower Upper
43 100
58 28.7 22.3 33.5





#20

Methylene Chloride

Concen: 15.655 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012053.D

Acq: 21 Aug 2019 01:41

Instrument :

MSVOA_W

ClientSampleId :

T4-B1-(0)

Tgt Ion: 84 Resp: 54521

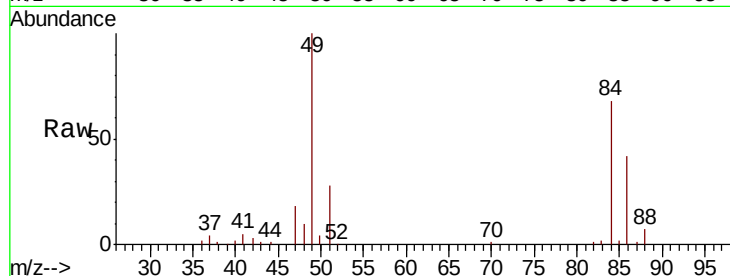
Ion Ratio Lower Upper

84 100

49 147.4 117.8 176.6

51 42.0 37.0 55.4

86 61.4 51.8 77.8

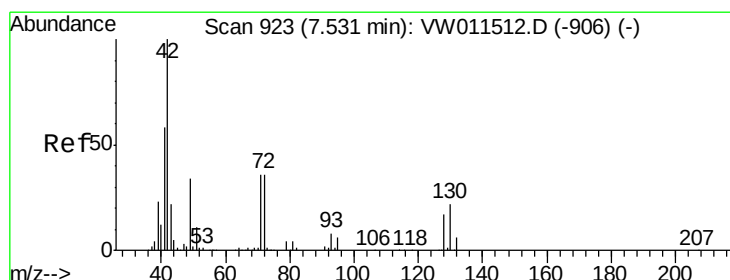
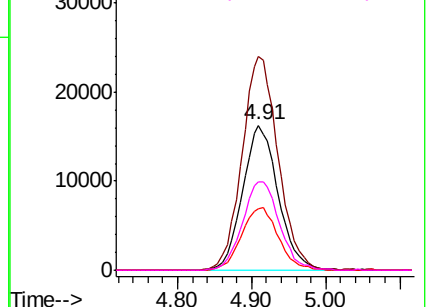
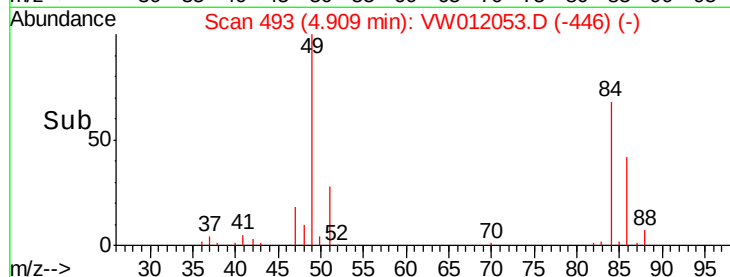


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 10.651 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012053.D

Acq: 21 Aug 2019 01:41

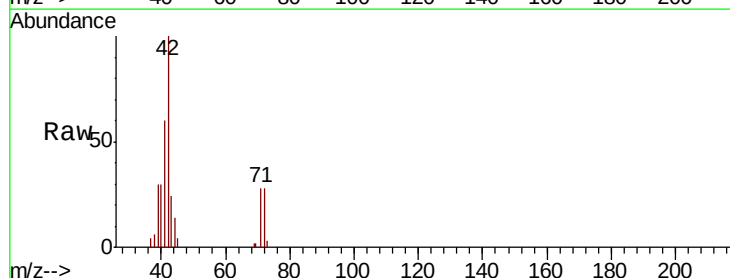
Tgt Ion: 42 Resp: 8045

Ion Ratio Lower Upper

42 100

72 35.0 27.1 40.7

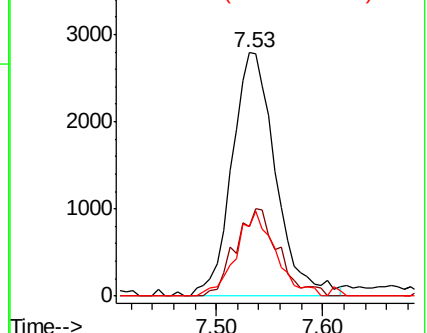
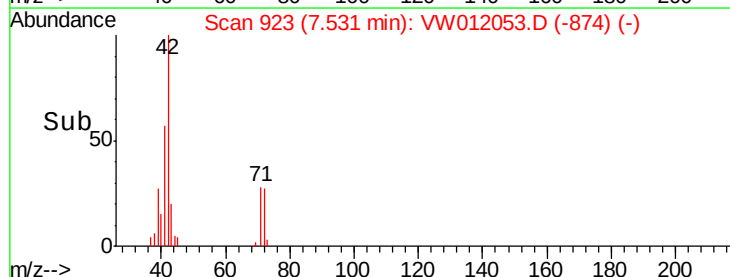
71 31.3 26.2 39.4

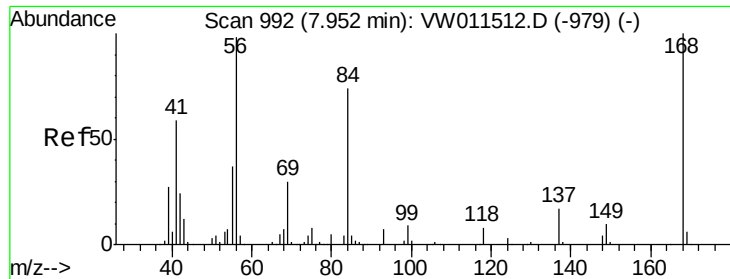


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

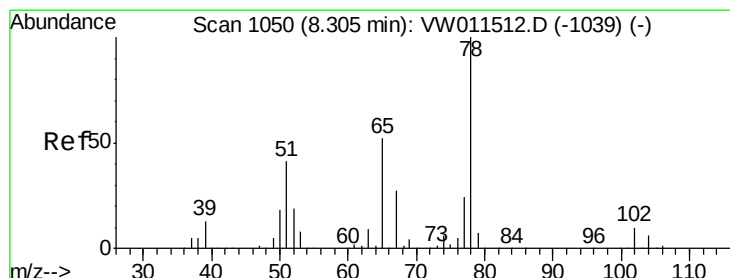
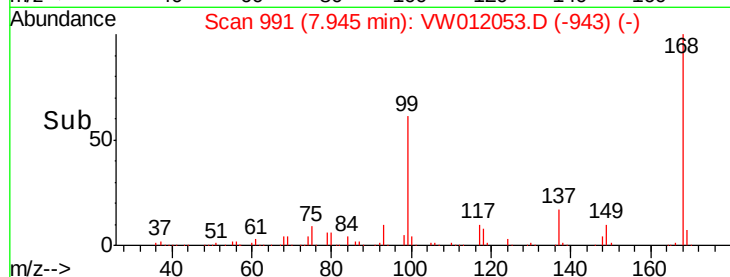
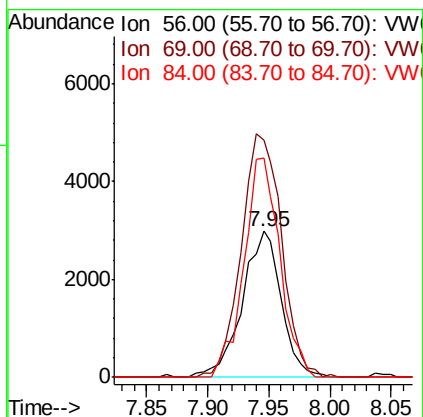
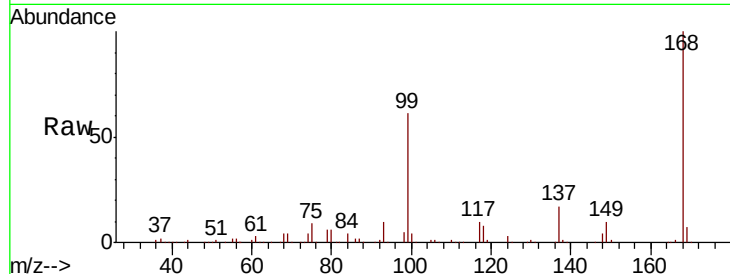




#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

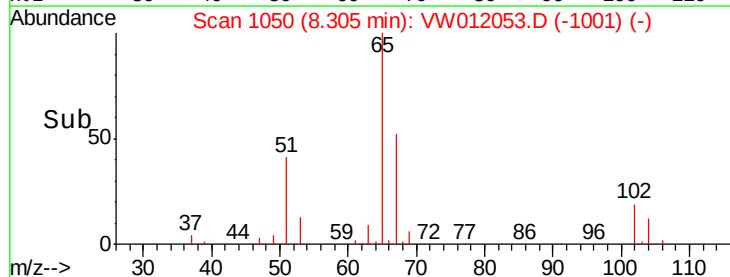
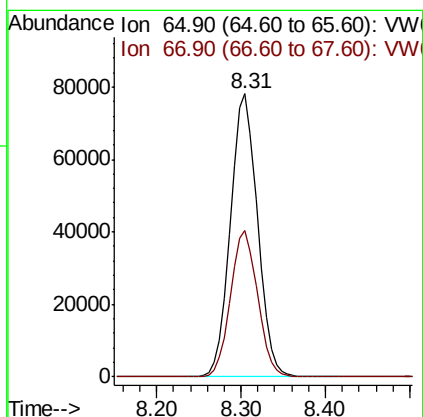
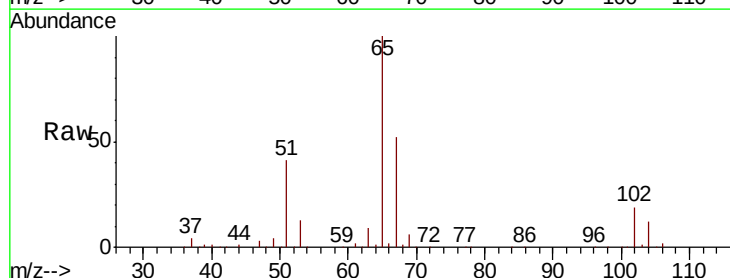
Instrument :
MSVOA_W
ClientSampleId :
T4-B1-(0)

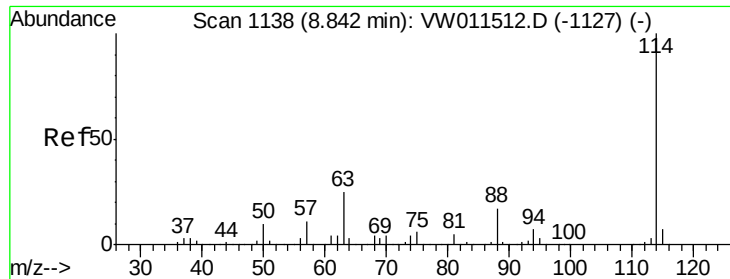
Tgt Ion: 56 Resp: 6637
Ion Ratio Lower Upper
56 100
69 162.0 24.3 36.5#
84 149.7 60.4 90.6#



#33
1,2-Dichloroethane-d4
Concen: 53.676 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

Tgt Ion: 65 Resp: 170401
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.2

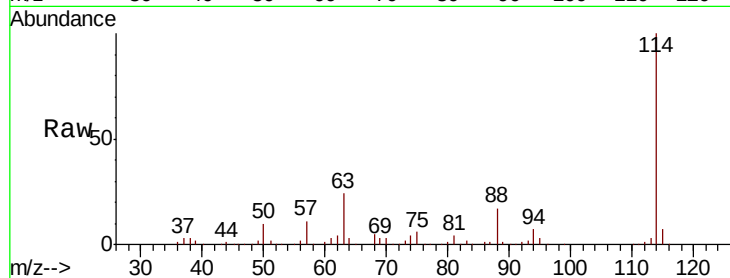




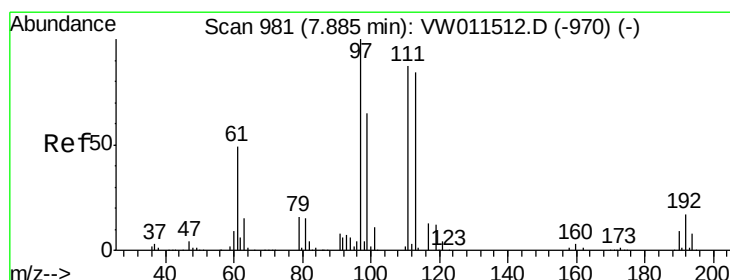
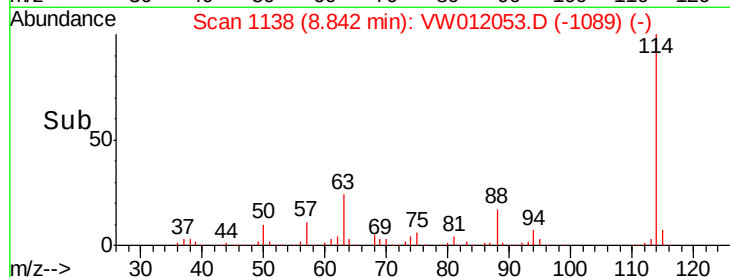
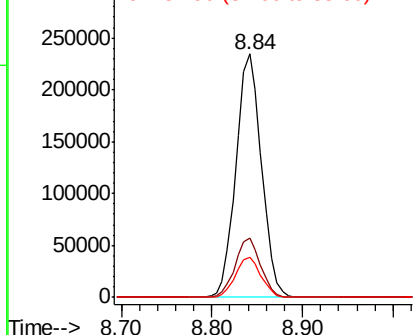
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012053.D
 Acq: 21 Aug 2019 01:41

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-B1-(0)

Tgt Ion:114 Resp: 457270
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 16.7 0.0 33.8

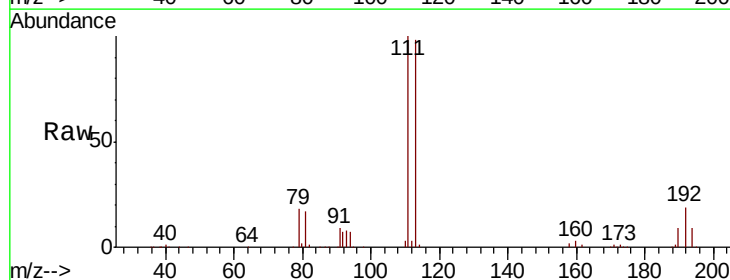


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

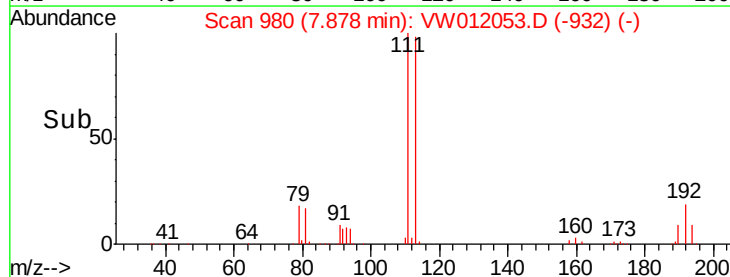
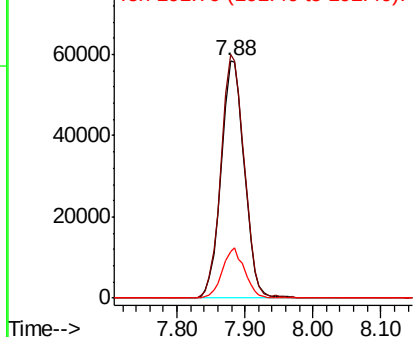


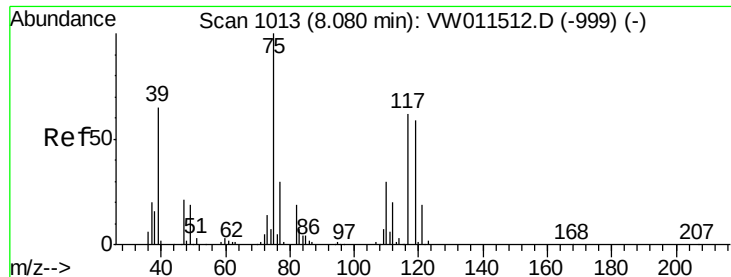
#35
 Dibromofluoromethane
 Concen: 53.972 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012053.D
 Acq: 21 Aug 2019 01:41

Tgt Ion:113 Resp: 138459
 Ion Ratio Lower Upper
 113 100
 111 102.7 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

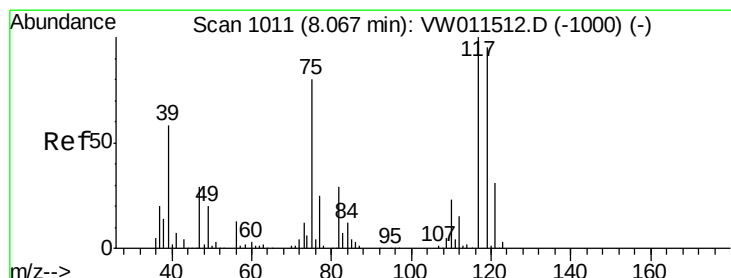
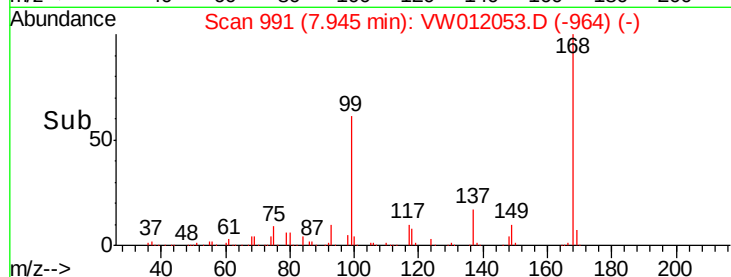
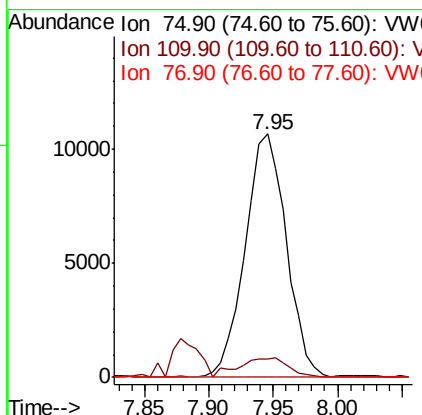
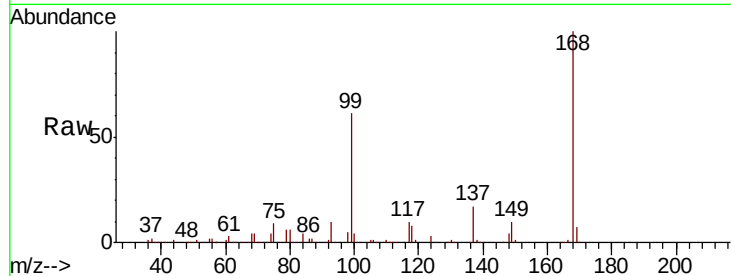




#36
 1,1-Dichloropropene
 Concen: 4.957 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012053.D
 Acq: 21 Aug 2019 01:41

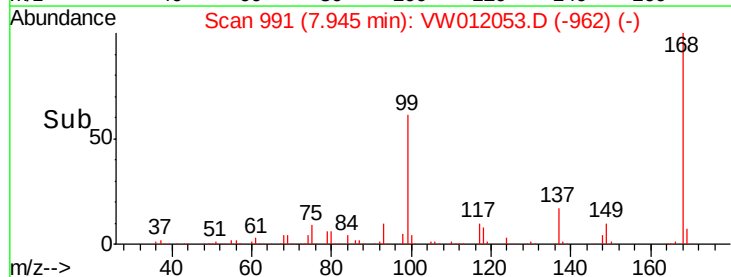
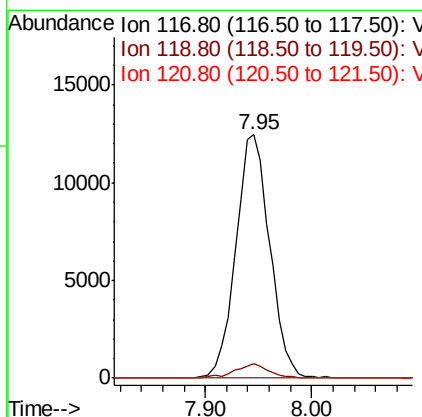
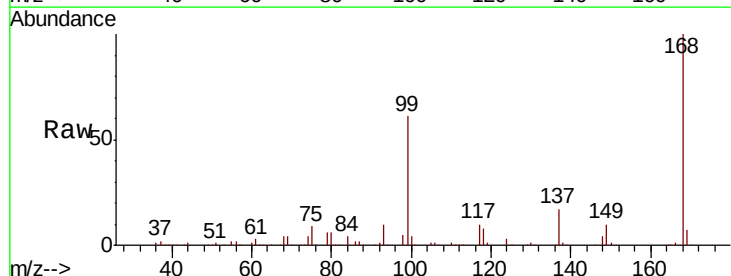
Instrument :
 MSVOA_W
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 T4-B1-(0)

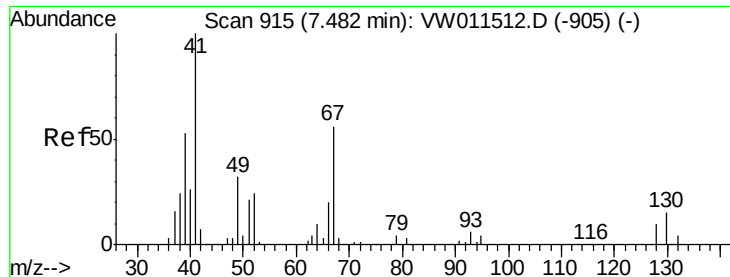
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	15.6	46.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.839 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012053.D
 Acq: 21 Aug 2019 01:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.8	113.6#
121	0.0	24.7	37.1#

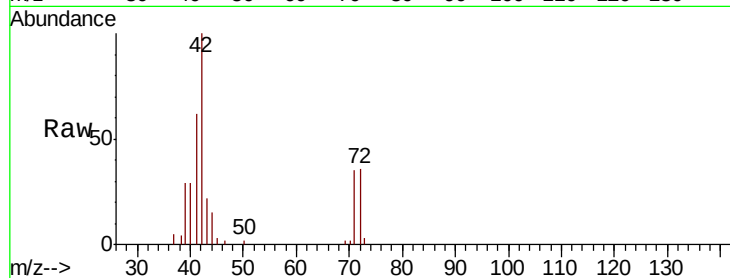




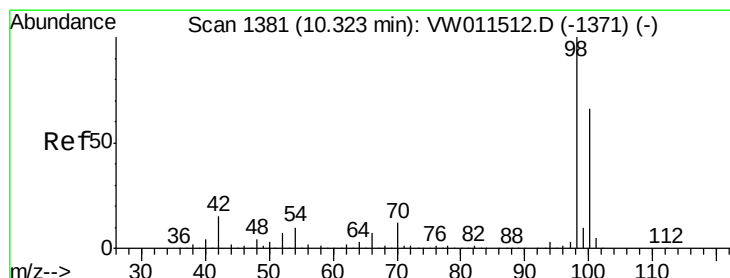
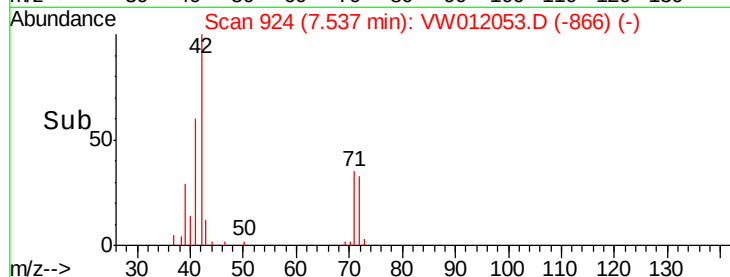
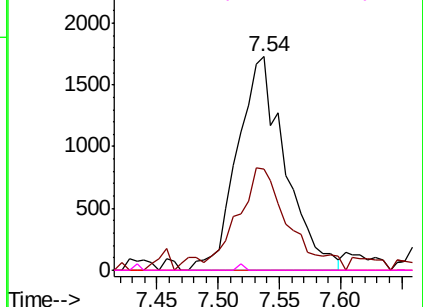
#41
Methacrylonitrile
Concen: 2.871 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.05 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

Instrument :
MSVOA_W
ClientSampleId :
T4-B1-(0)

Tgt Ion:	41	Resp:	4695
Ion	Ratio	Lower	Upper
41	100		
39	50.6	43.0	64.4
67	0.0	47.5	71.3#
52	0.4	21.0	31.6#

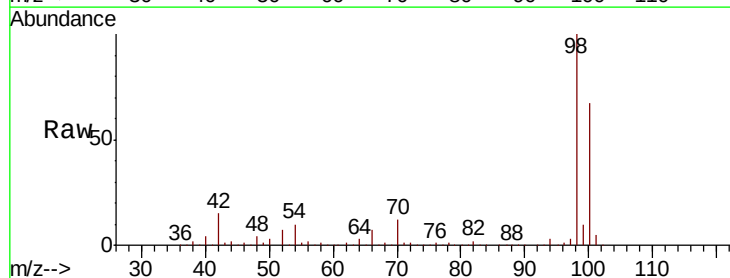


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

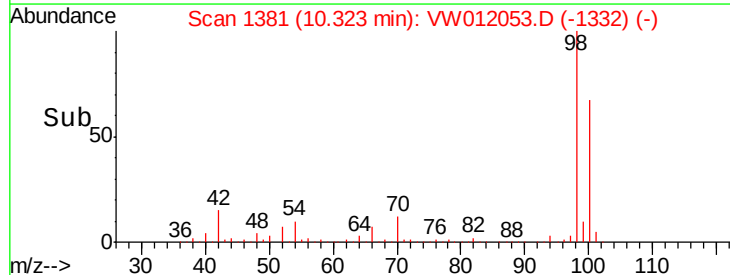
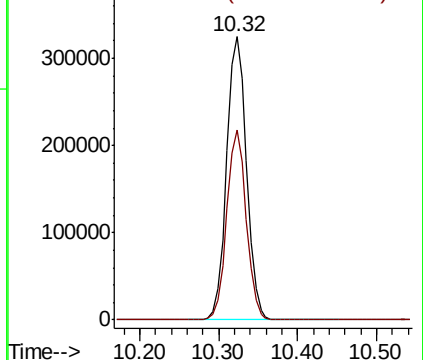


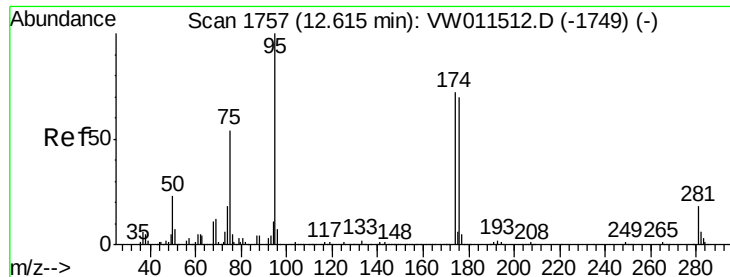
#50
Toluene-d8
Concen: 54.179 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

Tgt Ion:	98	Resp:	569061
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.7	79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

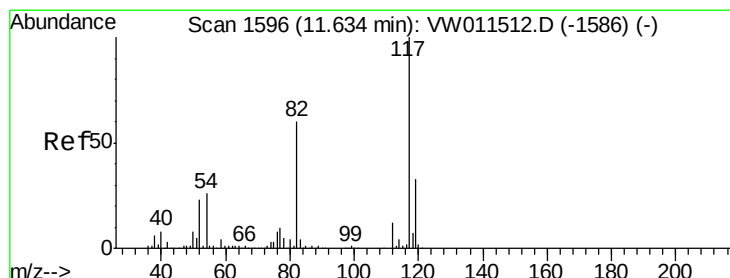
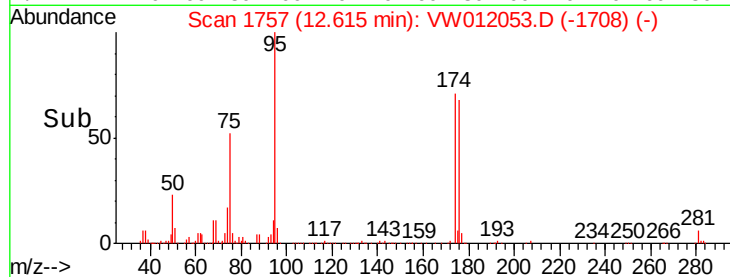
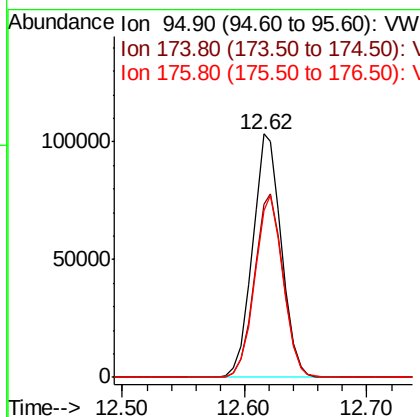
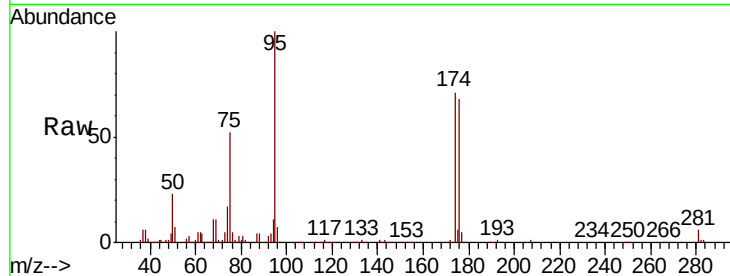




#62
4-Bromofluorobenzene
Concen: 45.100 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

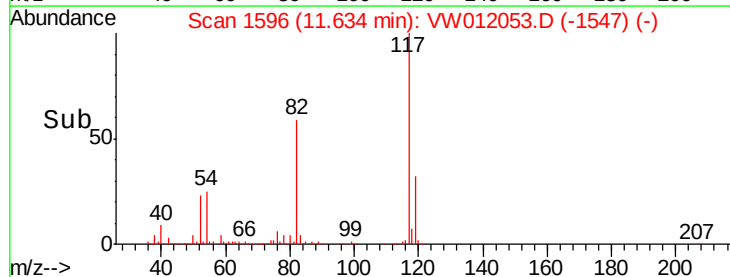
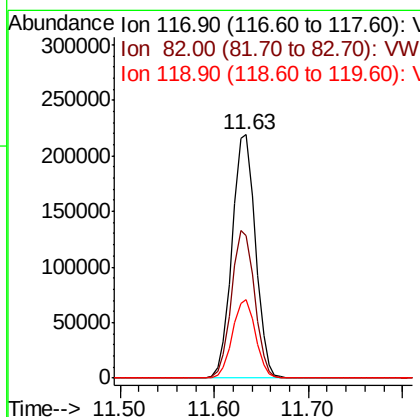
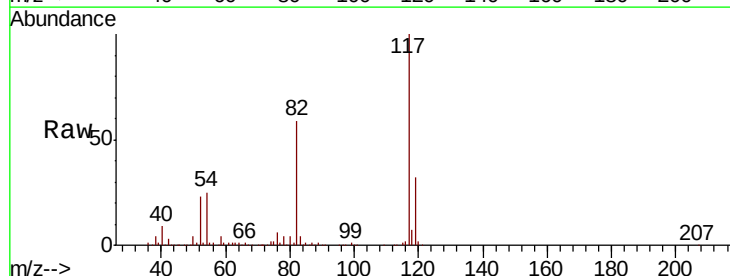
Instrument :
MSVOA_W
ClientSampleId :
T4-B1-(0)

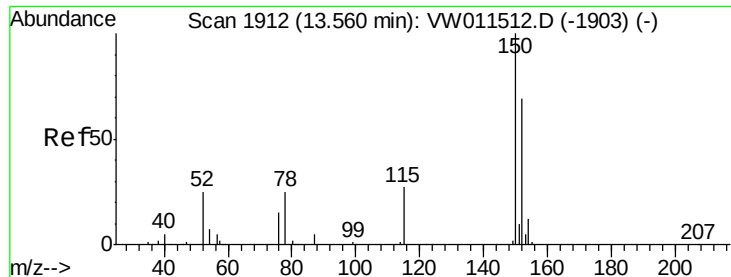
Tgt Ion: 95 Resp: 168883
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.2
176 73.6 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

Tgt Ion: 117 Resp: 378705
Ion Ratio Lower Upper
117 100
82 58.6 47.9 71.9
119 32.1 26.2 39.2



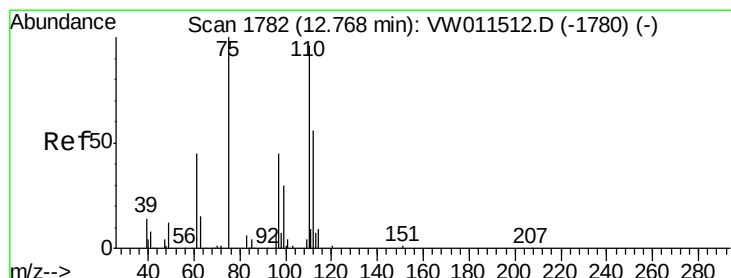
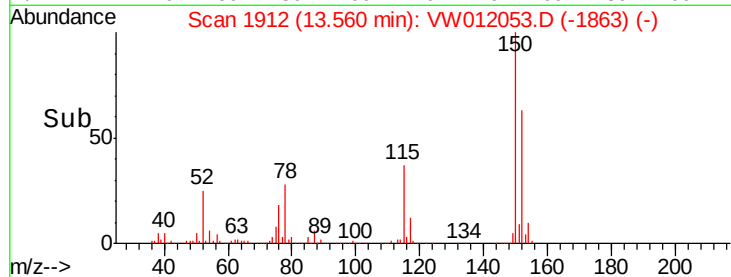
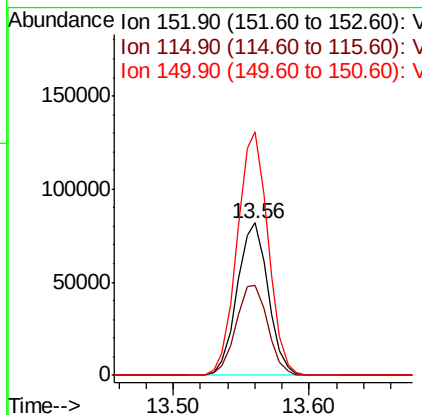
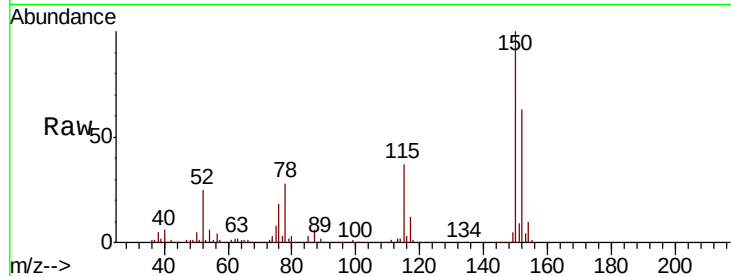


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

Instrument :
MSVOA_W
ClientSampleId :
T4-B1-(0)

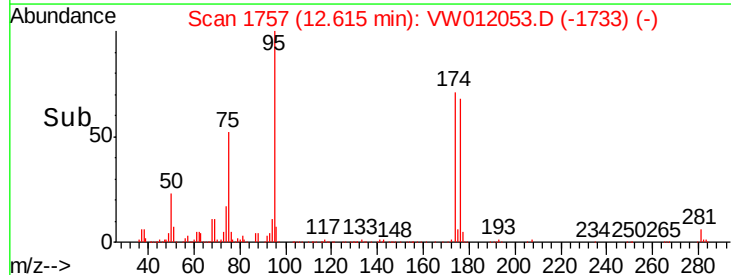
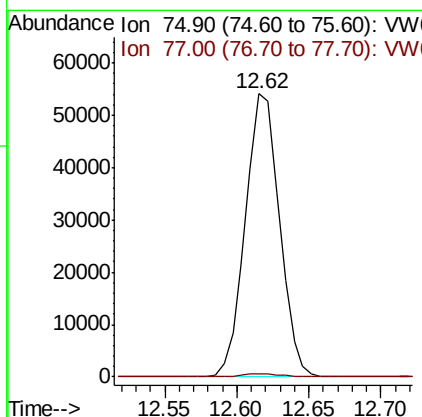
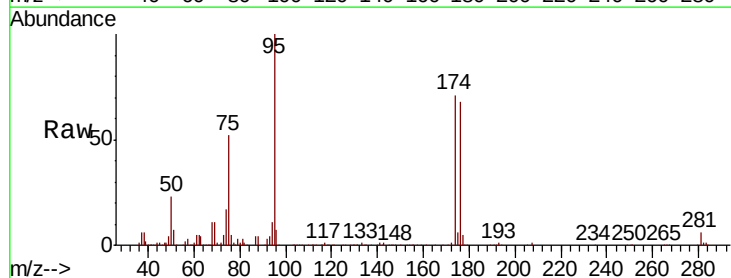
Tgt Ion:152 Resp: 130044
Ion Ratio Lower Upper
152 100
115 60.9 30.5 91.5
150 159.0 0.0 352.6

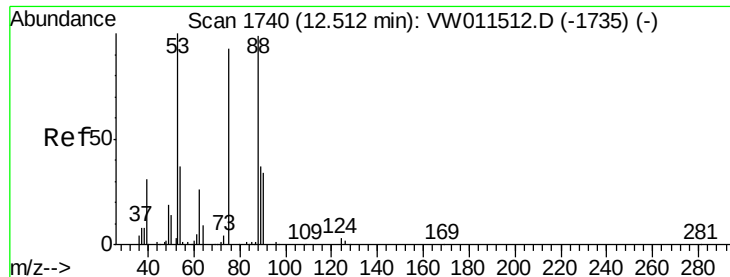


#76

1,2,3-Trichloropropane
Concen: 64.462 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

Tgt Ion: 75 Resp: 88701
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

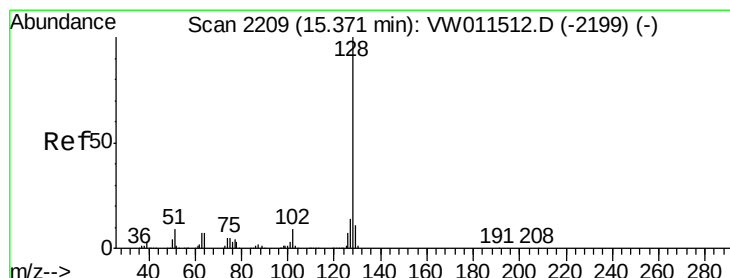
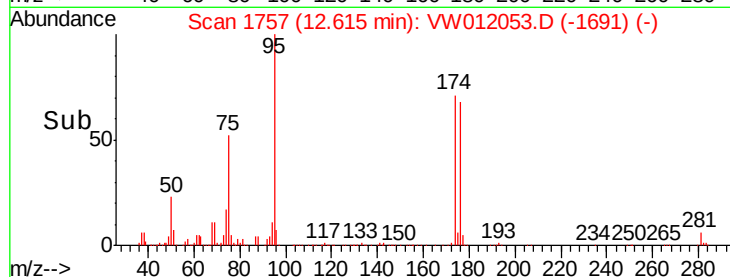
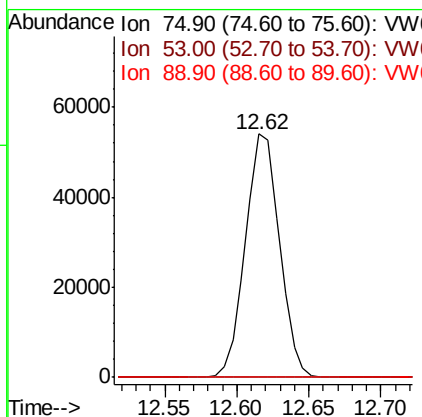
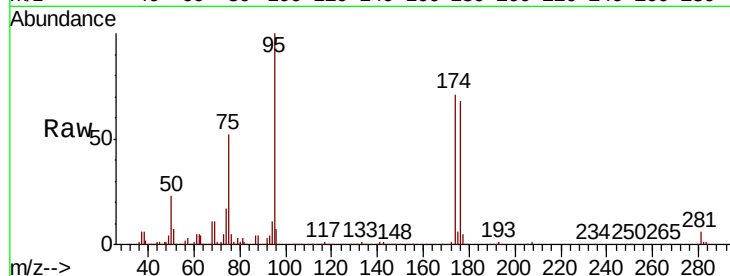




#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.563 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012053.D
 Acq: 21 Aug 2019 01:41

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-B1-(0)

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	88.0	132.0#
89	0.1	35.3	52.9#



#95
 Naphthalene
 Concen: 2.241 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW012053.D
 Acq: 21 Aug 2019 01:41

Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.9	10.6	16.0#
129	2.1	8.6	13.0#

