

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008132.D
 Acq On : 10 Jan 2019 05:52
 Operator : SY/AP
 Sample : K1087-06RE
 Misc : 5.86G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Jan 10 08:07:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

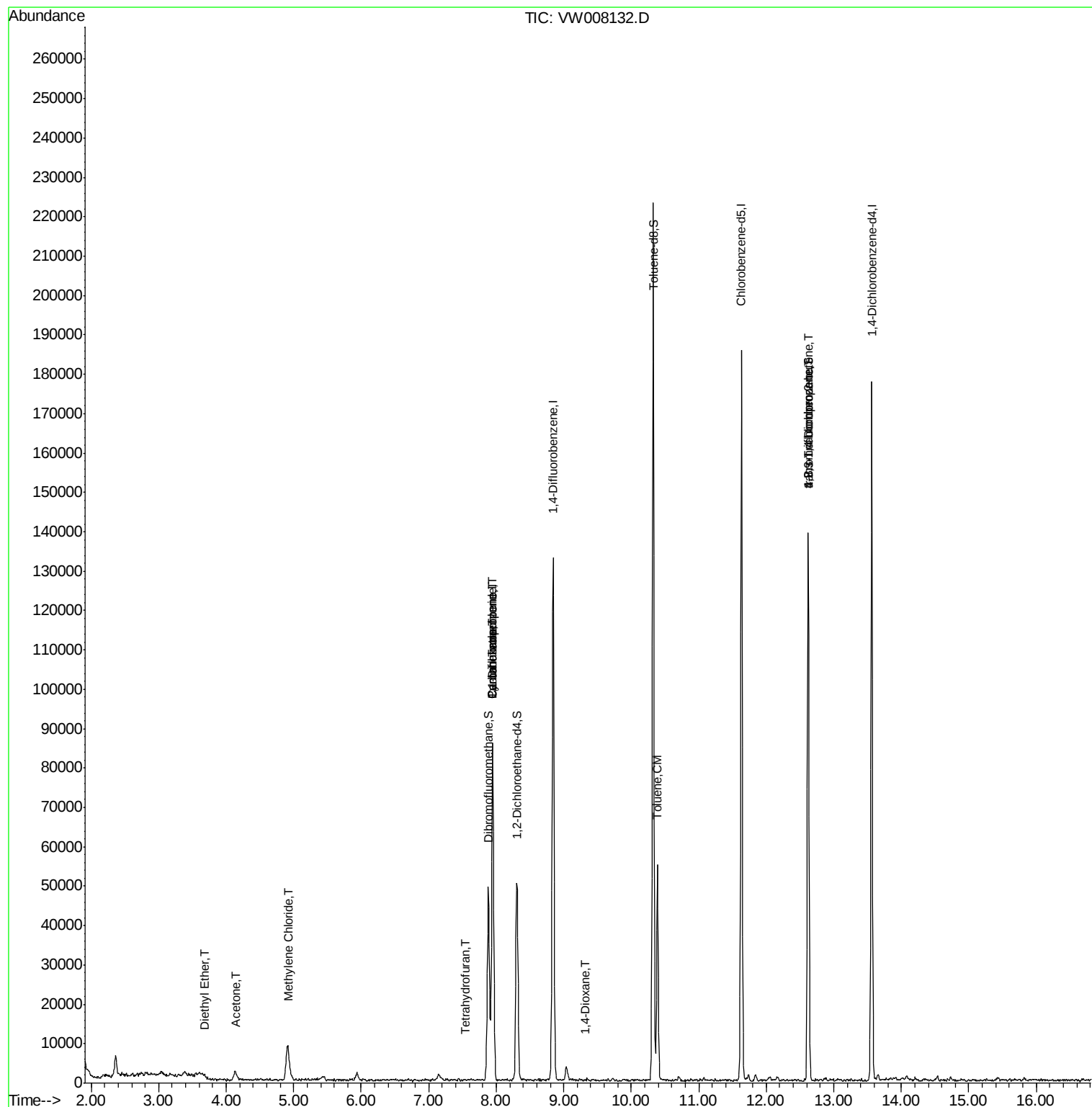
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	57672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	107934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	96186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	42432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	38577	59.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.04%	
35) Dibromofluoromethane	7.88	113	34432	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
50) Toluene-d8	10.32	98	140239	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.62	95	44534	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
Target Compounds						
8) Diethyl Ether	3.68	74	469	1.280	ug/l	53
11) Tert butyl alcohol	5.24	59	54	Below Cal	#	100
13) Acrolein	3.95	56	22	Below Cal	#	1
16) Acetone	4.14	43	3853	13.022	ug/l	99
20) Methylene Chloride	4.92	84	6768	6.414	ug/l #	93
29) Tetrahydrofuran	7.53	42	121	1.004	ug/l #	51
31) Cyclohexane	7.95	56	1811	1.328	ug/l #	43
36) 1,1-Dichloropropene	7.95	75	5597	5.034	ug/l #	49
38) Carbon Tetrachloride	7.95	117	6591	6.477	ug/l #	18
49) 1,4-Dioxane	9.32	88	29	4.911	ug/l #	11
52) Toluene	10.39	92	22584	11.727	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	23212	60.008	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	23212	139.741	ug/l #	10

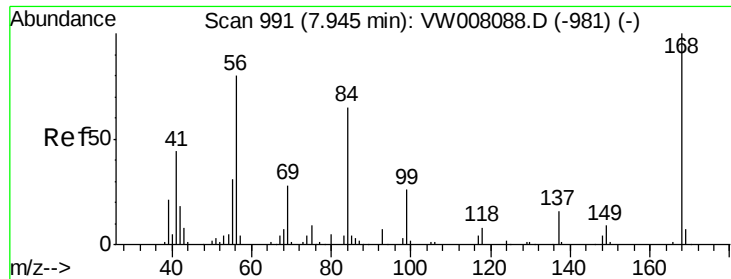
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
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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: VW008132.D

Acq: 10 Jan 2019 05:52

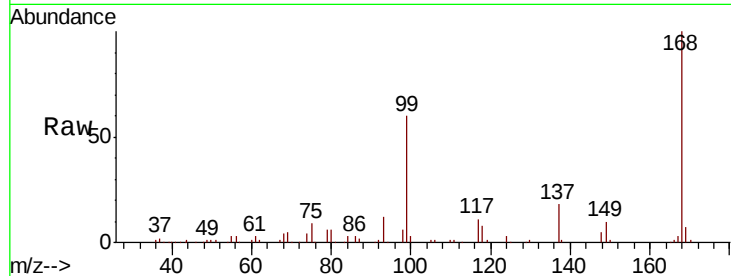
Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion: 168 Resp: 57672

Ion Ratio Lower Upper

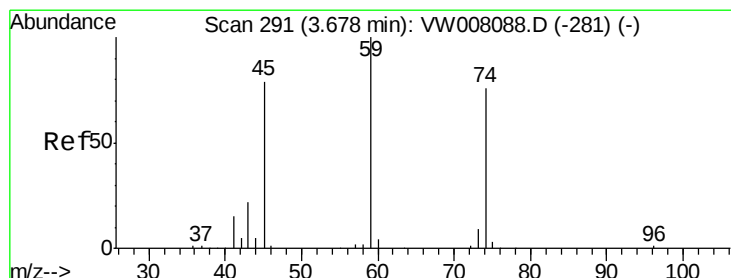
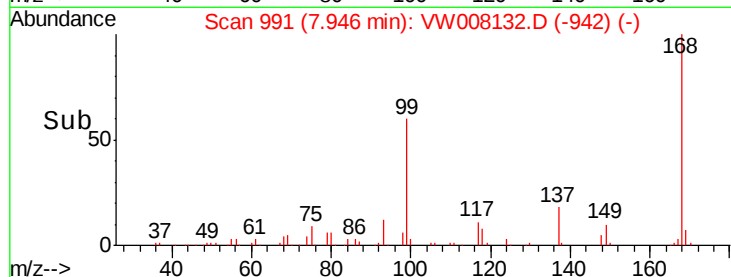
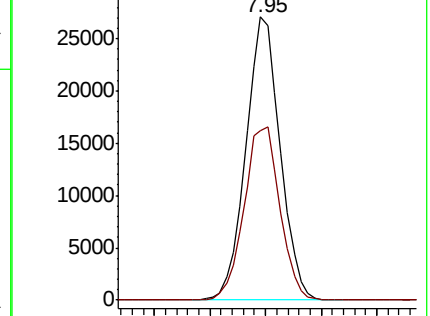
168 100

99 59.9 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.280 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VW008132.D

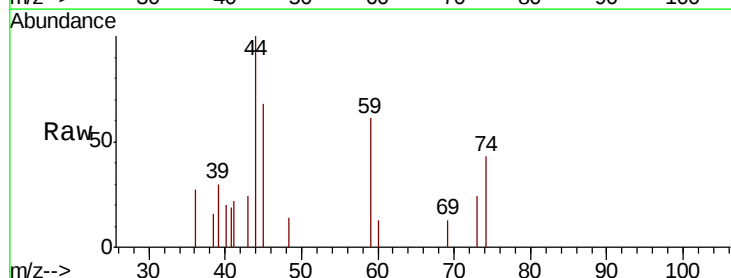
Acq: 10 Jan 2019 05:52

Tgt Ion: 74 Resp: 469

Ion Ratio Lower Upper

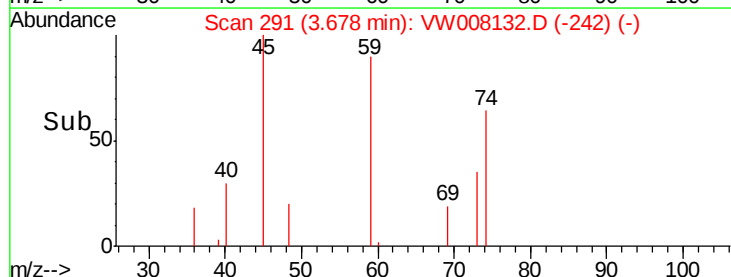
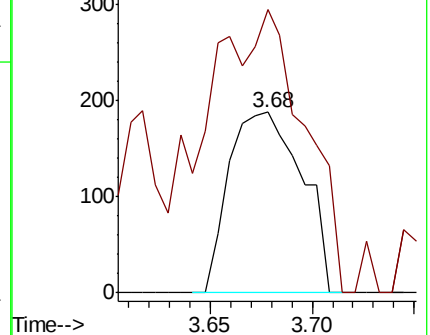
74 100

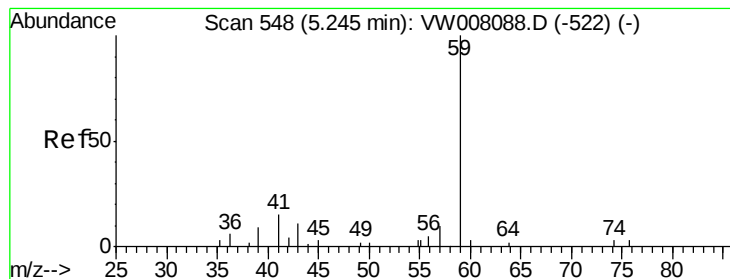
45 56.3 52.4 157.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



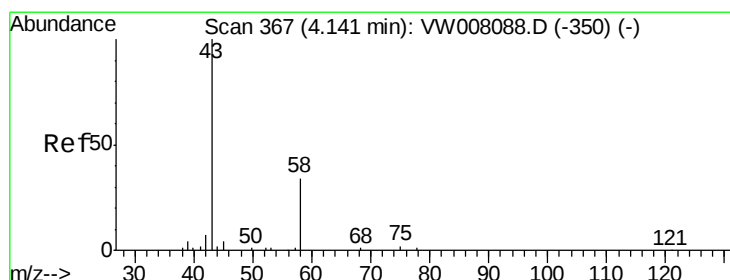
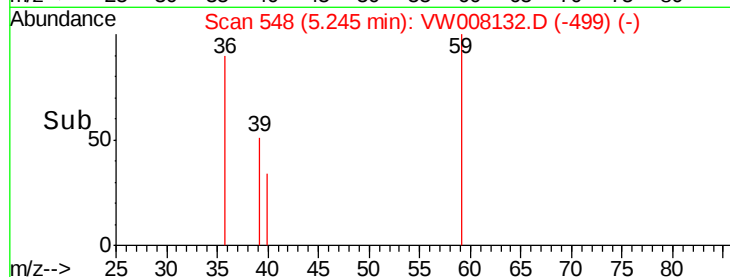
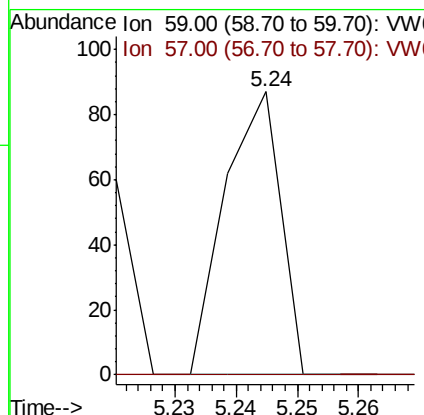
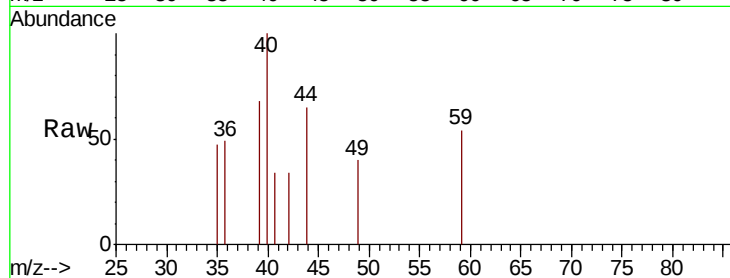


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.24 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: VW008132.D
 Acq: 10 Jan 2019 05:52

Instrument :
 MSVOA_W
 ClientSampled :
 BFB

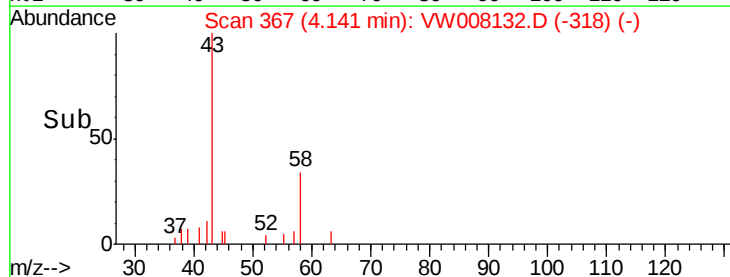
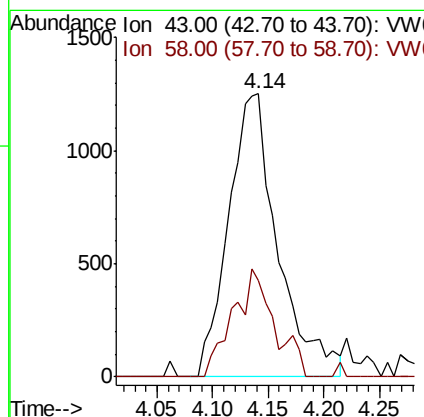
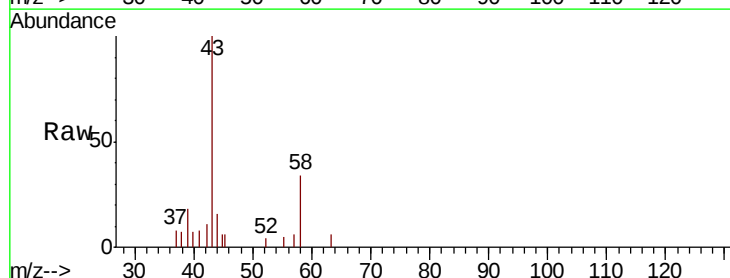
Tgt Ion: 59 Resp: 54
 Ion Ratio Lower Upper
 59 100
 57 0.0 0.0 0.0

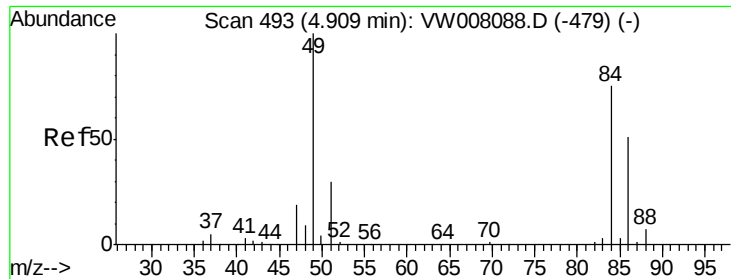


#16

Acetone
 Concen: 13.022 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VW008132.D
 Acq: 10 Jan 2019 05:52

Tgt Ion: 43 Resp: 3853
 Ion Ratio Lower Upper
 43 100
 58 33.9 27.5 41.3

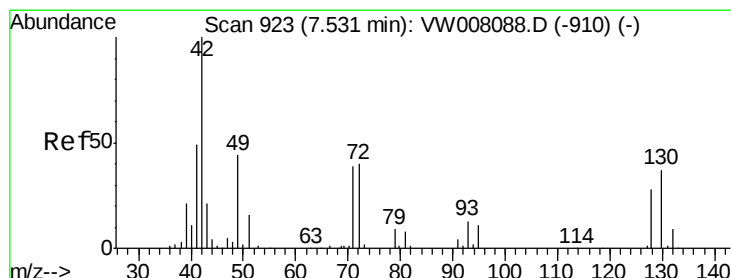
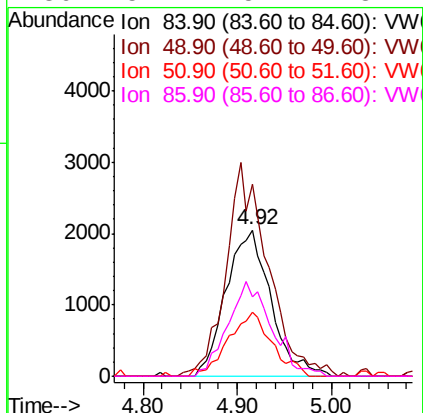
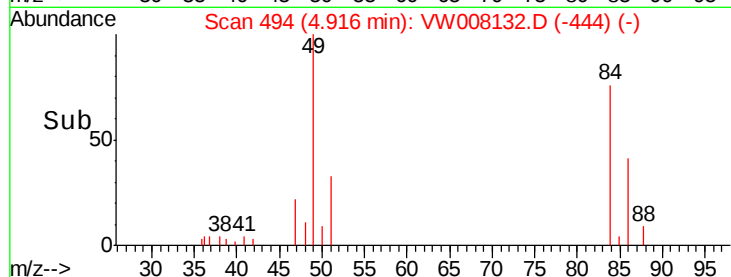
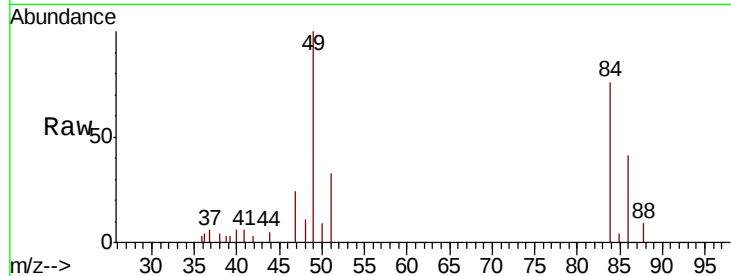




#20
Methylene Chloride
Concen: 6.414 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008132.D
Acq: 10 Jan 2019 05:52

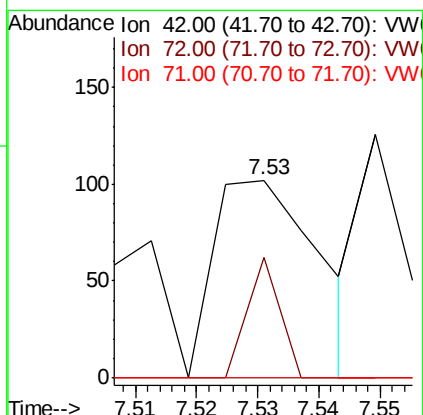
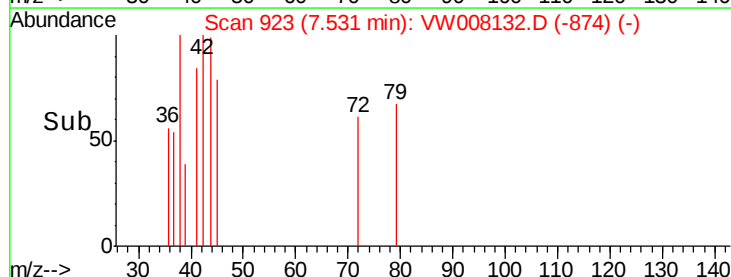
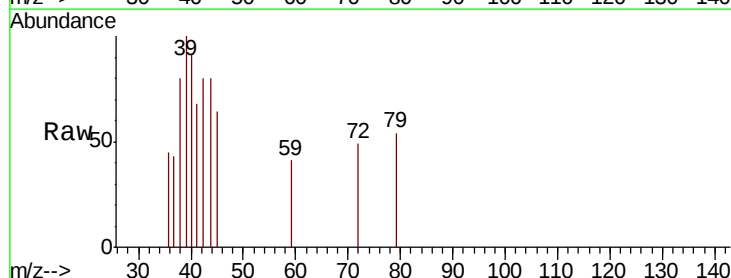
Instrument :
MSVOA_W
ClientSampled :
BFB

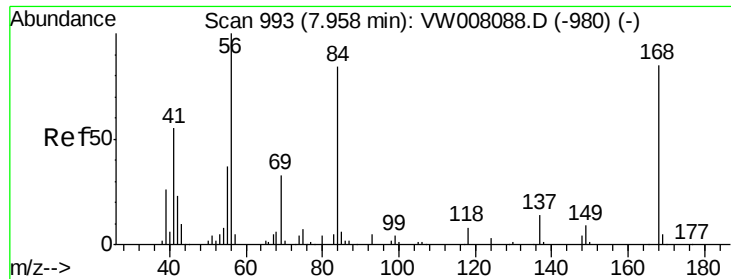
Tgt Ion: 84 Resp: 6768
Ion Ratio Lower Upper
84 100
49 131.5 107.1 160.7
51 43.8 32.4 48.6
86 54.1 54.2 81.4#



#29
Tetrahydrofuran
Concen: 1.004 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008132.D
Acq: 10 Jan 2019 05:52

Tgt Ion: 42 Resp: 121
Ion Ratio Lower Upper
42 100
72 19.0 32.4 48.6#
71 0.0 31.3 46.9#

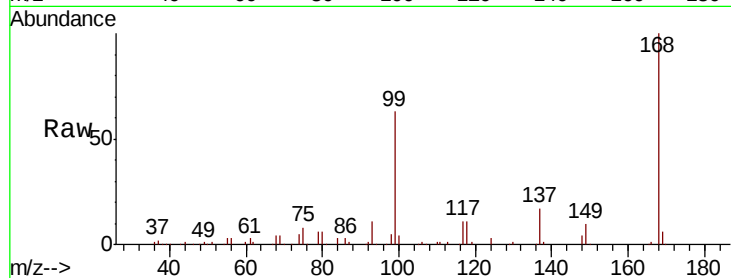




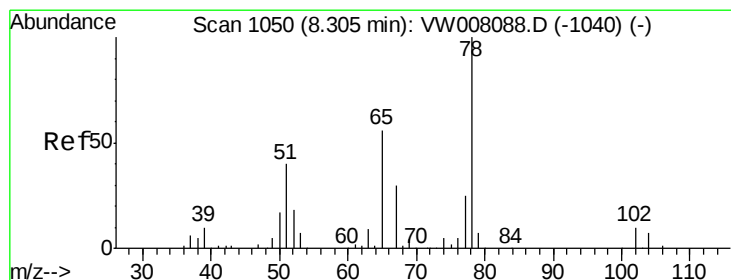
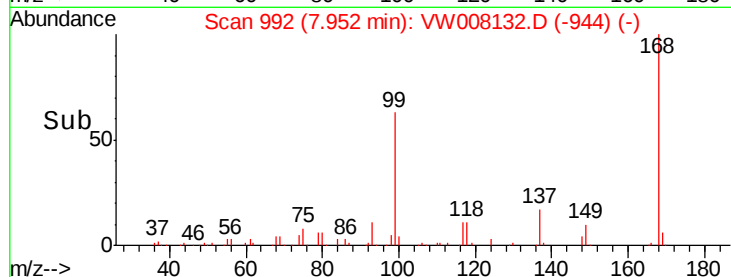
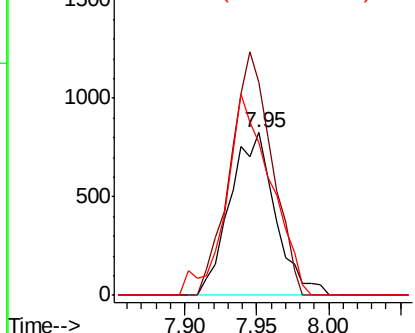
#31
Cyclohexane
Concen: 1.328 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008132.D
Acq: 10 Jan 2019 05:52

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion: 56 Resp: 1811
Ion Ratio Lower Upper
56 100
69 131.3 26.2 39.4#
84 93.9 67.4 101.2

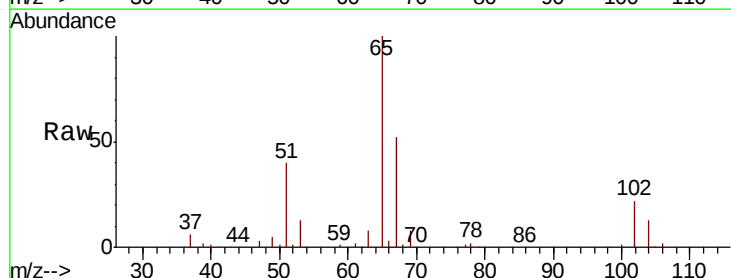


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

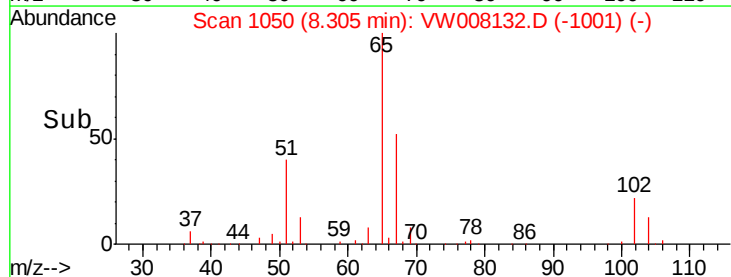
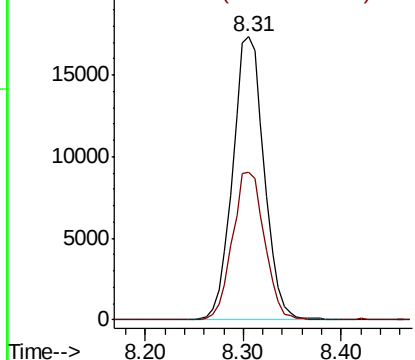


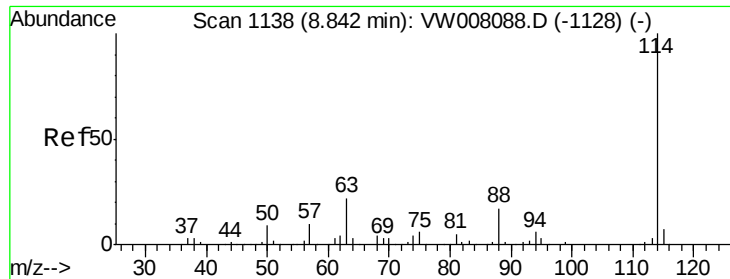
#33
1,2-Dichloroethane-d4
Concen: 59.516 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008132.D
Acq: 10 Jan 2019 05:52

Tgt Ion: 65 Resp: 38577
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

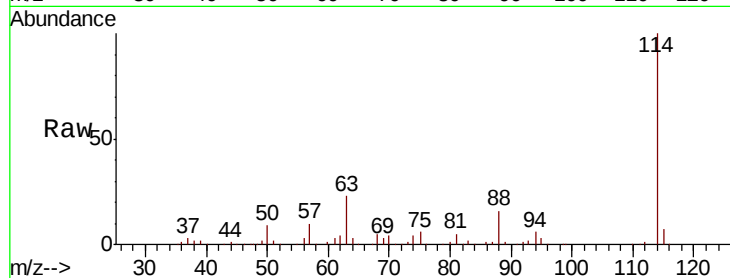




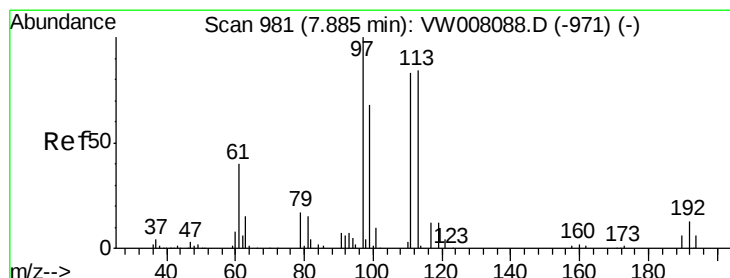
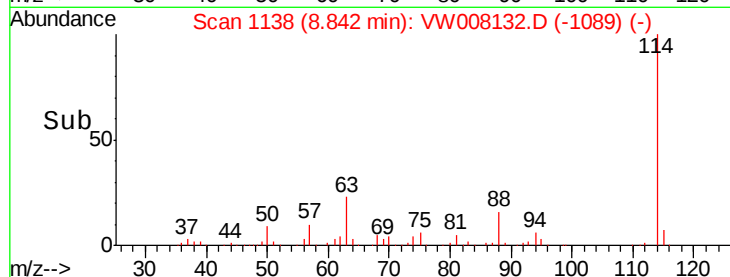
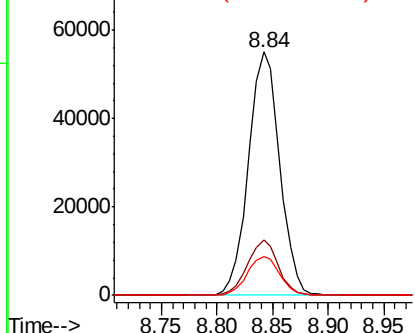
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008132.D
 Acq: 10 Jan 2019 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Tgt Ion:114 Resp: 107934
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.4
 88 15.7 0.0 33.4

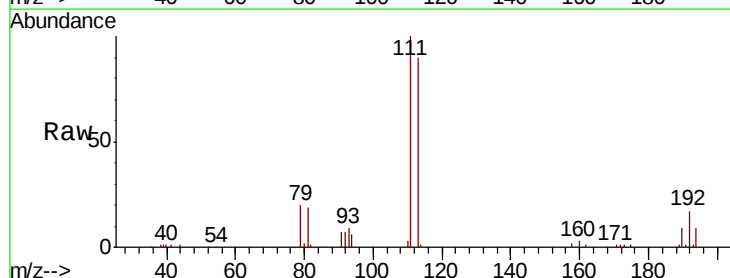


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

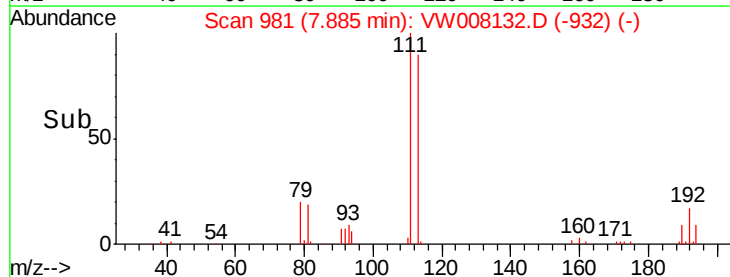
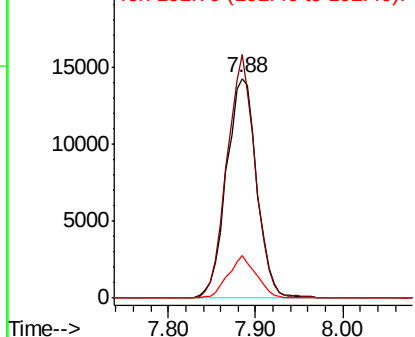


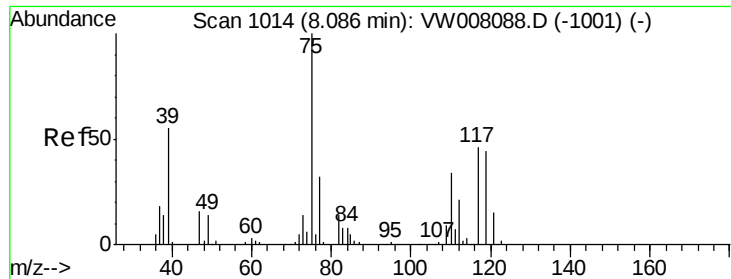
#35
 Dibromofluoromethane
 Concen: 54.696 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008132.D
 Acq: 10 Jan 2019 05:52

Tgt Ion:113 Resp: 34432
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.8 122.8
 192 17.7 12.8 19.2



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

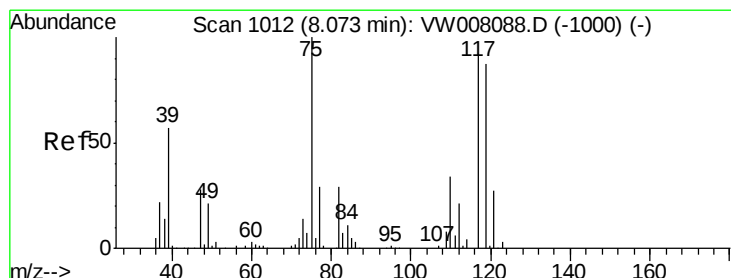
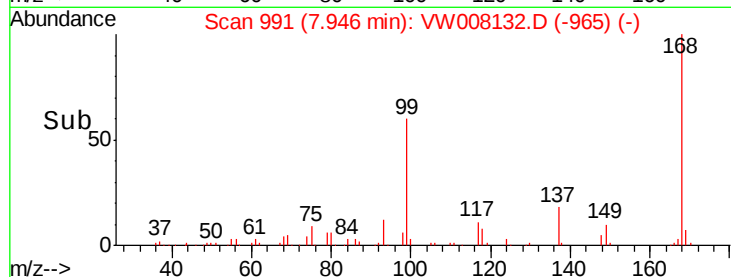
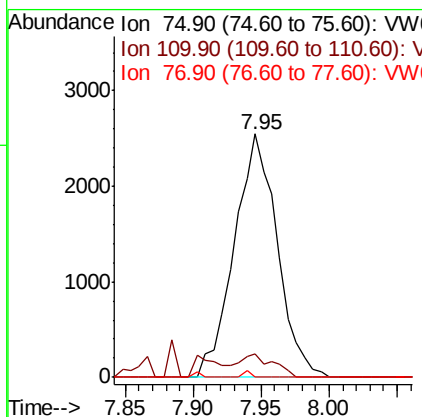
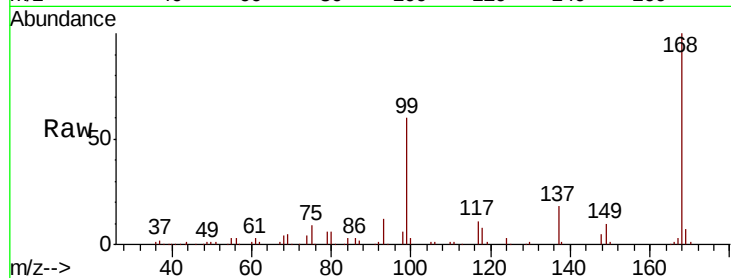




#36
 1,1-Dichloropropene
 Concen: 5.034 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008132.D
 Acq: 10 Jan 2019 05:52

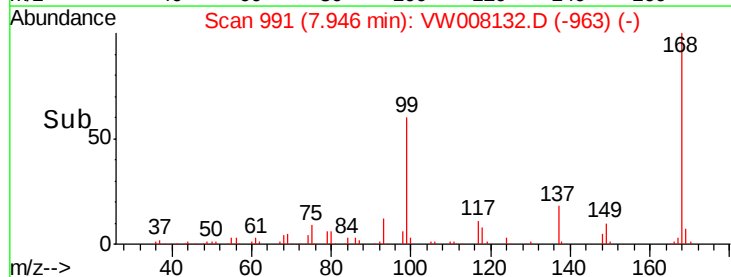
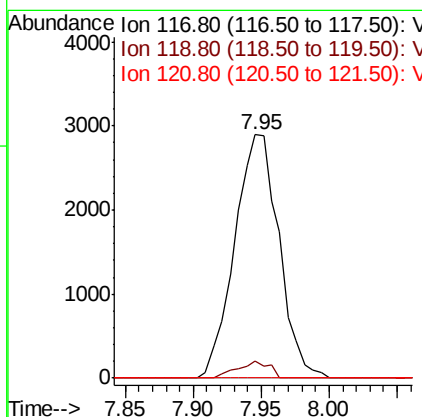
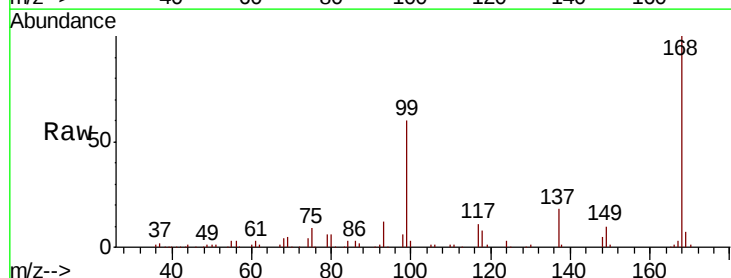
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

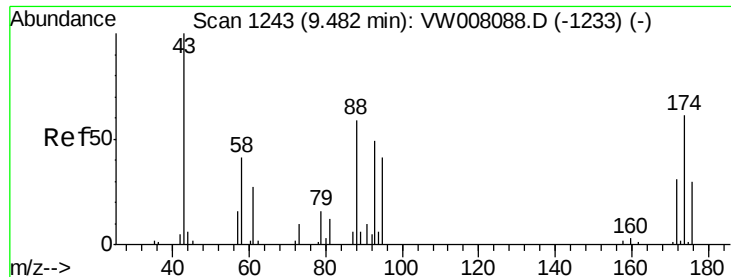
Tgt Ion: 75 Resp: 5597
 Ion Ratio Lower Upper
 75 100
 110 7.3 17.1 51.3#
 77 0.4 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.477 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008132.D
 Acq: 10 Jan 2019 05:52

Tgt Ion: 117 Resp: 6591
 Ion Ratio Lower Upper
 117 100
 119 6.9 75.8 113.8#
 121 0.0 23.7 35.5#

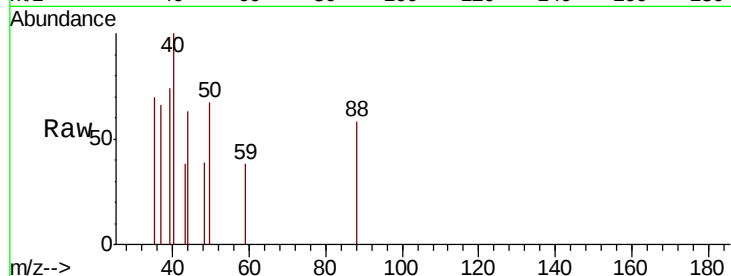




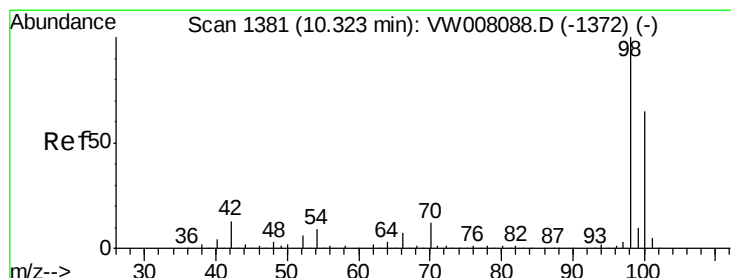
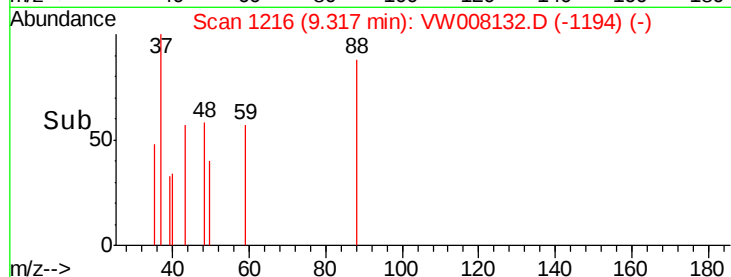
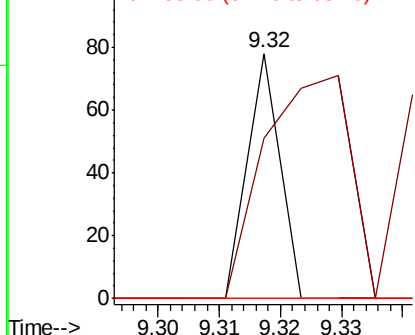
#49
1,4-Dioxane
Concen: 4.911 ug/l
RT: 9.32 min Scan# 1216
Delta R.T. -0.16 min
Lab File: VW008132.D
Acq: 10 Jan 2019 05:52

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 237.9 0.0 0.0#
58 0.0 61.7 92.5#

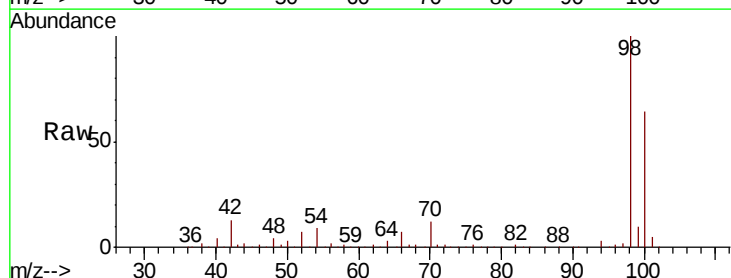


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

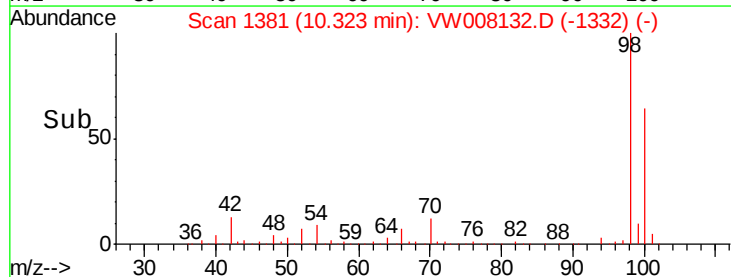
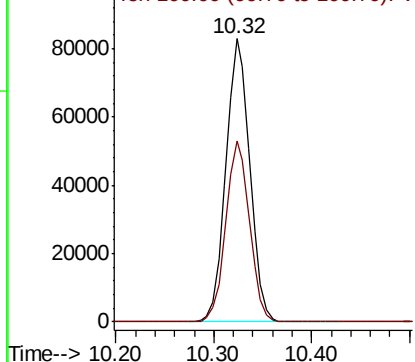


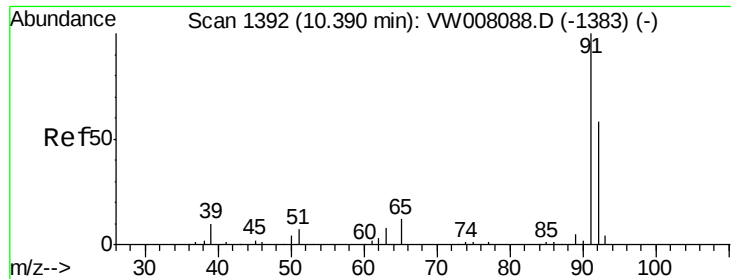
#50
Toluene-d8
Concen: 53.087 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008132.D
Acq: 10 Jan 2019 05:52

Tgt Ion: 98 Resp: 140239
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



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





#52

Toluene

Concen: 11.727 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008132.D

Acq: 10 Jan 2019 05:52

Instrument :

MSVOA_W

ClientSampleId :

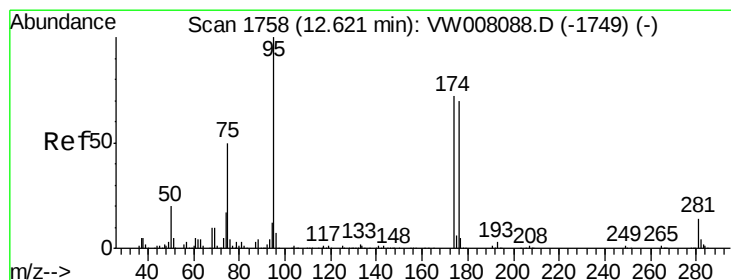
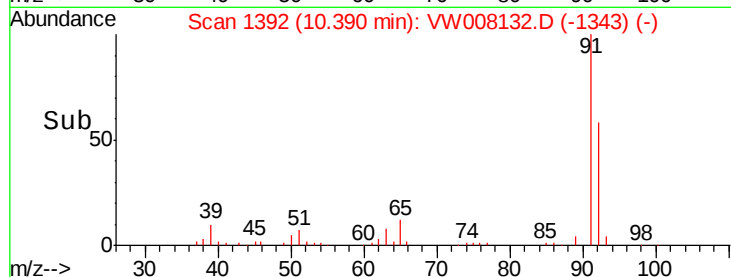
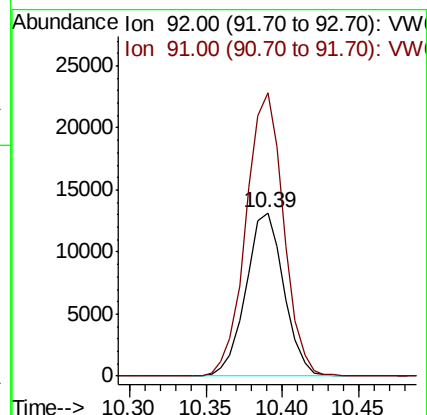
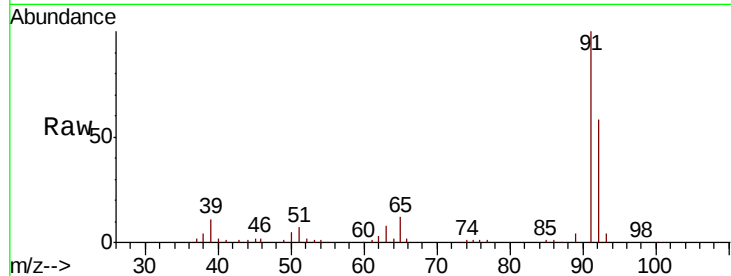
BFB

Tgt Ion: 92 Resp: 22584

Ion Ratio Lower Upper

92 100

91 172.8 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 47.025 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008132.D

Acq: 10 Jan 2019 05:52

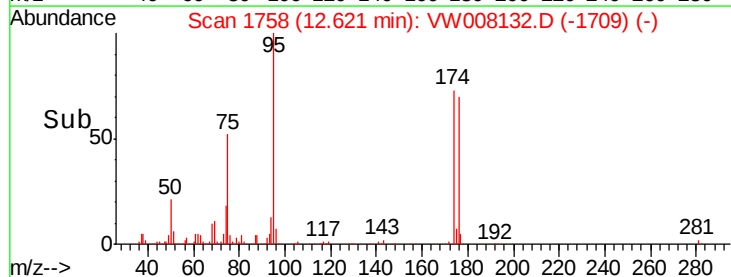
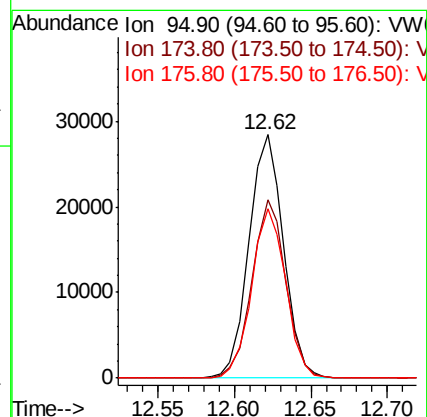
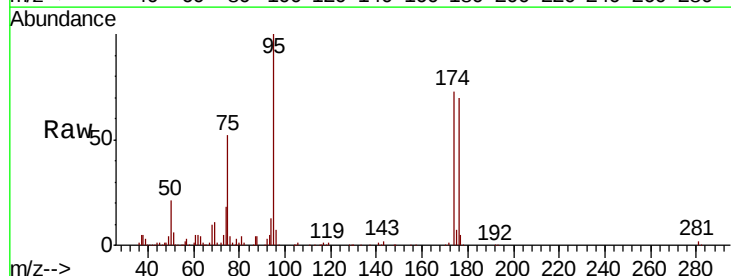
Tgt Ion: 95 Resp: 44534

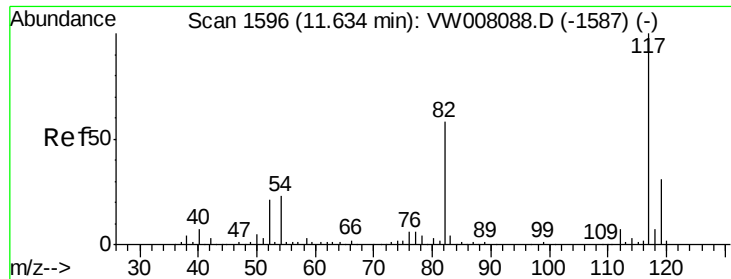
Ion Ratio Lower Upper

95 100

174 72.3 0.0 143.0

176 68.7 0.0 140.2

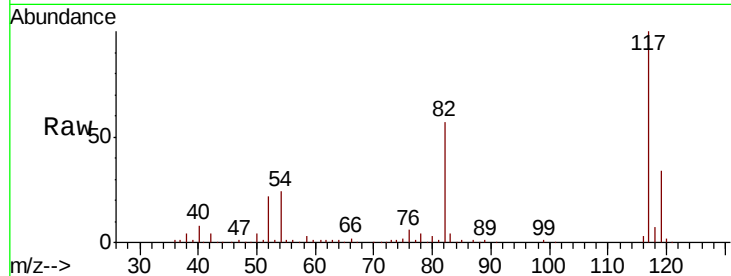




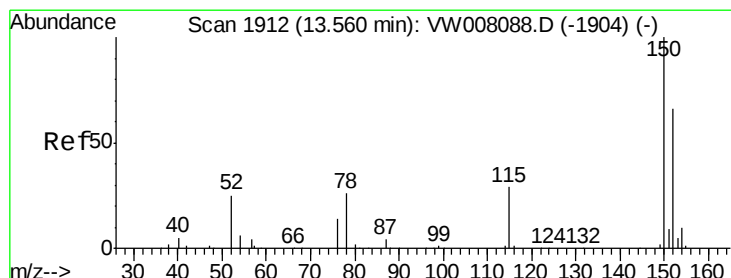
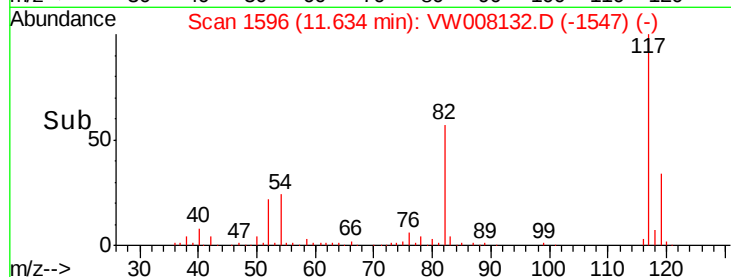
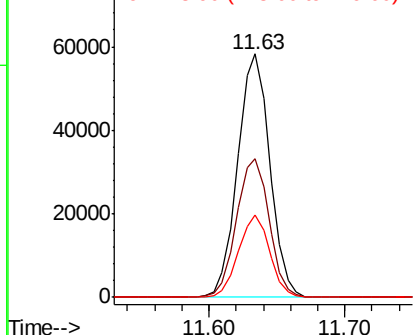
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008132.D
Acq: 10 Jan 2019 05:52

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:117 Resp: 96186
Ion Ratio Lower Upper
117 100
82 56.9 46.4 69.6
119 33.6 24.7 37.1

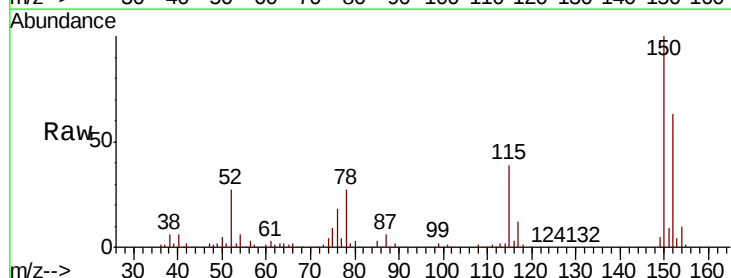


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

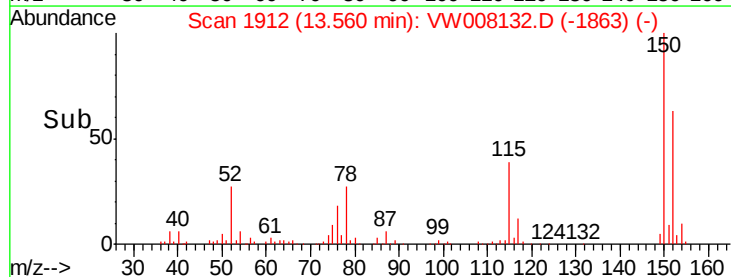
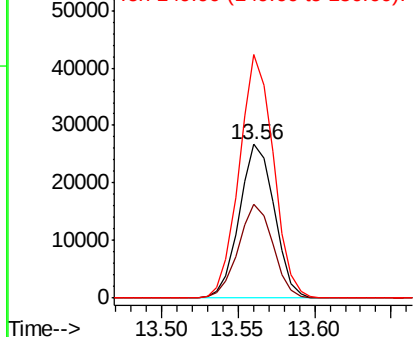


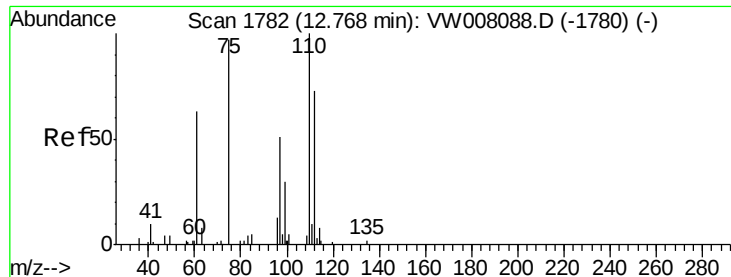
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008132.D
Acq: 10 Jan 2019 05:52

Tgt Ion:152 Resp: 42432
Ion Ratio Lower Upper
152 100
115 60.7 30.8 92.4
150 154.8 0.0 350.2



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

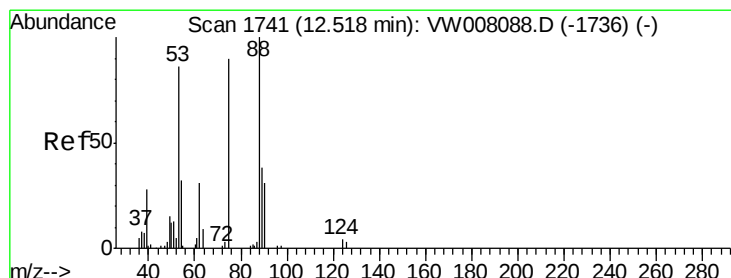
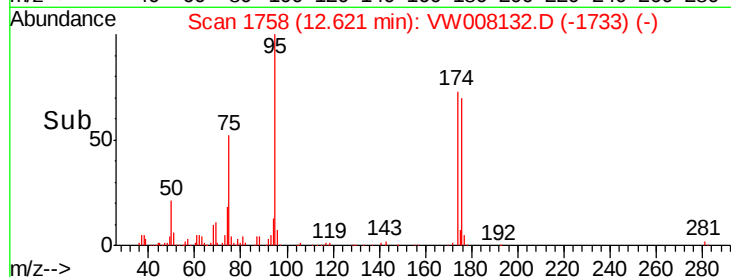
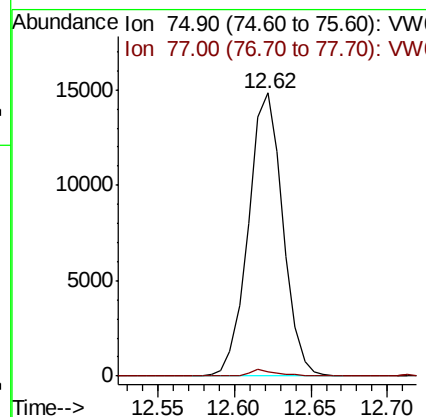
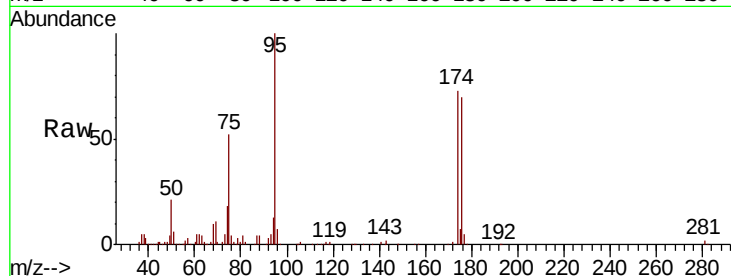




#76
 1,2,3-Trichloropropane
 Concen: 60.008 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008132.D
 Acq: 10 Jan 2019 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Tgt Ion: 75 Resp: 23212
 Ion Ratio Lower Upper
 75 100
 77 1.8 179.4 538.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.741 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW008132.D
 Acq: 10 Jan 2019 05:52

Tgt Ion: 75 Resp: 23212
 Ion Ratio Lower Upper
 75 100
 53 0.3 78.8 118.2#
 89 0.0 35.4 53.2#

