

Data File : VW008250.D
Acq On : 14 Jan 2019 16:38
Operator : SY/VA
Sample : K1135-03
Misc : 5.09G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-12(5-6)

Quant Time: Jan 14 21:15:40 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	101079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	173254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79131	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57172	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	7.88	113	54457	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
50) Toluene-d8	10.32	98	219368	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.62	95	77532	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

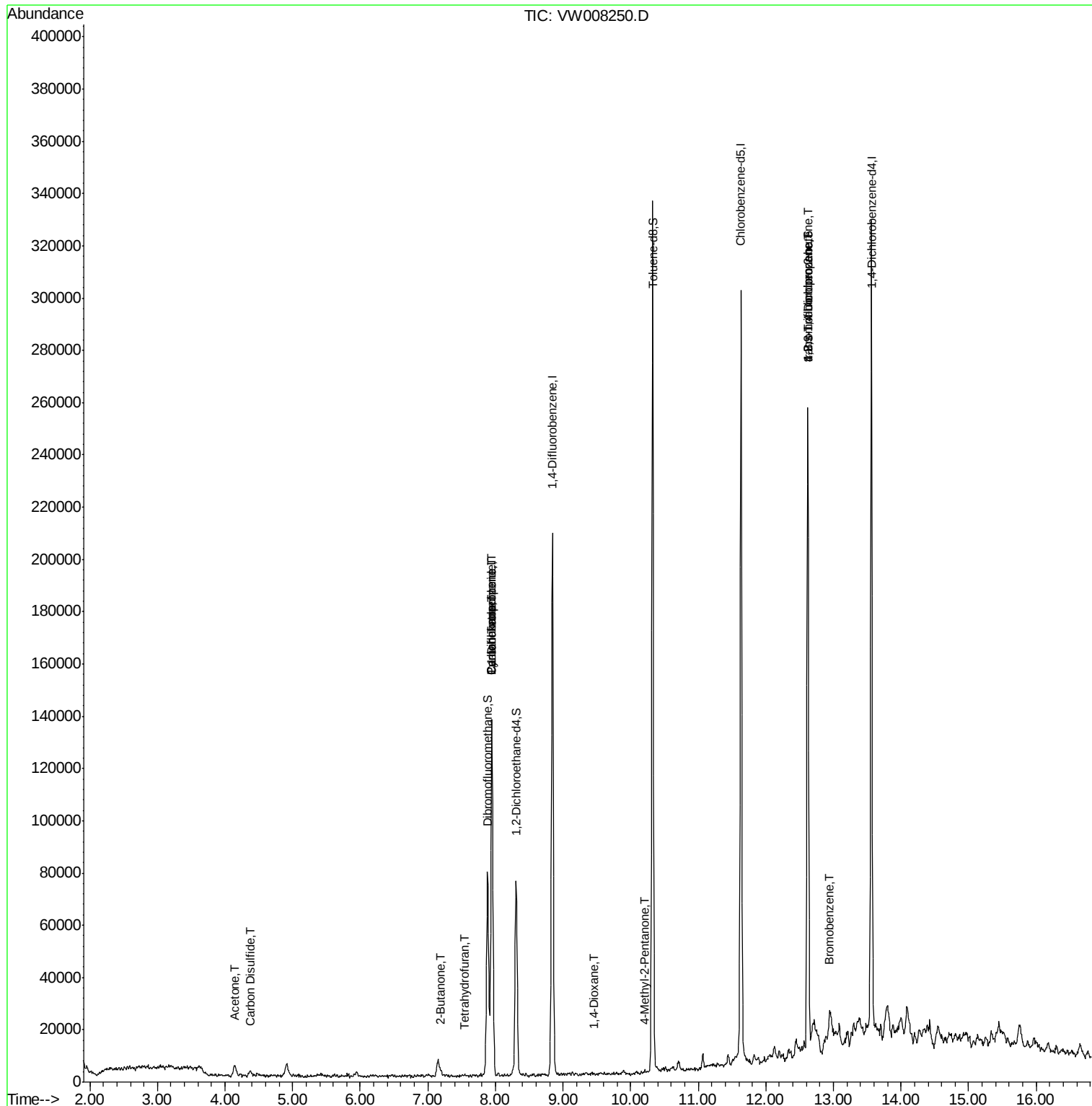
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.26	59	163	Below Cal	#	100
16) Acetone	4.15	43	8428	21.982	ug/l	95
17) Carbon Disulfide	4.38	76	3866	1.118	ug/l #	80
20) Methylene Chloride	4.90	84	3385	Below Cal	#	69
25) 2-Butanone	7.19	43	2668	8.441	ug/l #	49
29) Tetrahydrofuran	7.54	42	549	2.600	ug/l #	68
31) Cyclohexane	7.95	56	2457	1.028	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	7734	4.334	ug/l #	52
38) Carbon Tetrachloride	7.95	117	9865	6.039	ug/l #	17
49) 1,4-Dioxane	9.45	88	78	8.228	ug/l #	11
51) 4-Methyl-2-Pentanone	10.21	43	1086	1.569	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	39362	54.566	ug/l #	1
77) Bromobenzene	12.94	156	8147	6.206	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	39362	127.068	ug/l #	11

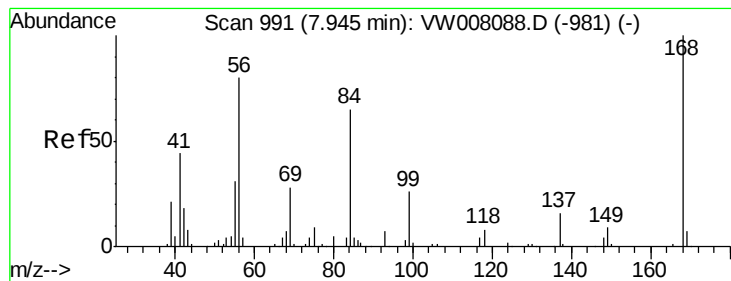
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008250.D

Acq: 14 Jan 2019 16:38

Instrument :

MSVOA_W

ClientSampled :

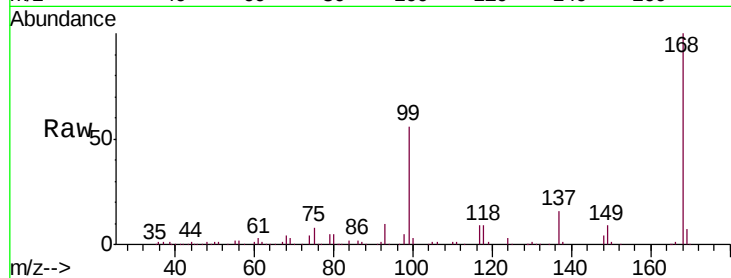
CPSB-12(5-6)

Tgt Ion:168 Resp: 101079

Ion Ratio Lower Upper

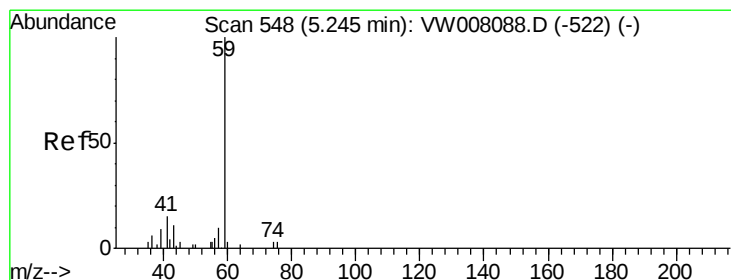
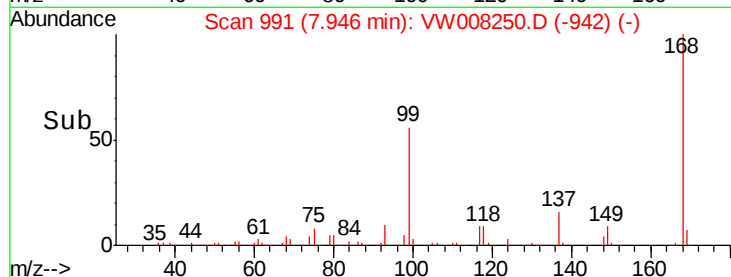
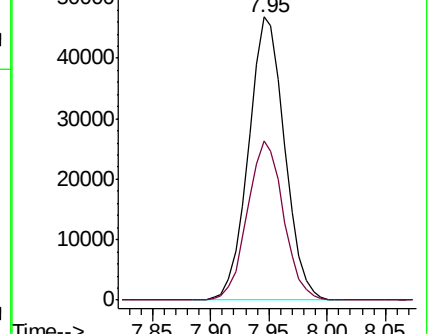
168 100

99 56.3 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.26 min Scan# 550

Delta R.T. 0.01 min

Lab File: VW008250.D

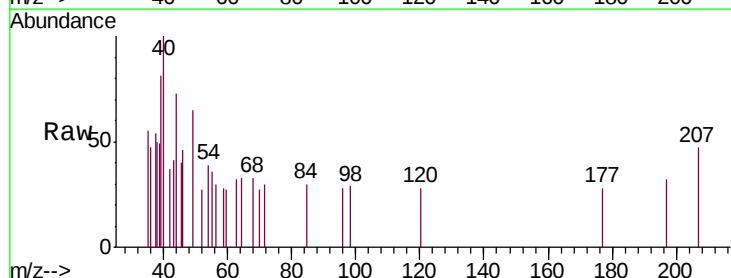
Acq: 14 Jan 2019 16:38

Tgt Ion: 59 Resp: 163

Ion Ratio Lower Upper

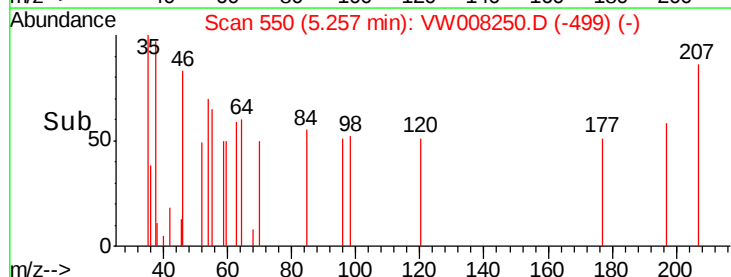
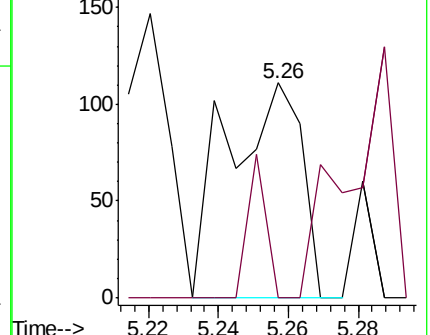
59 100

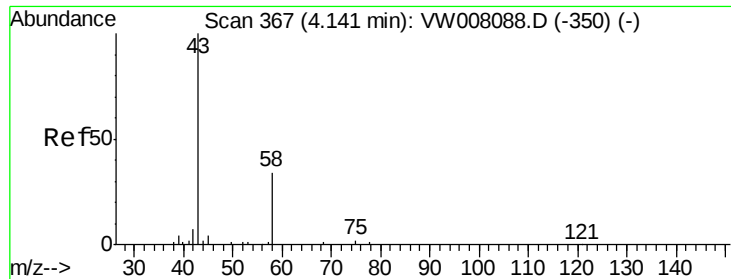
57 16.6 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 21.982 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW008250.D

Acq: 14 Jan 2019 16:38

Instrument :

MSVOA_W

ClientSampleId :

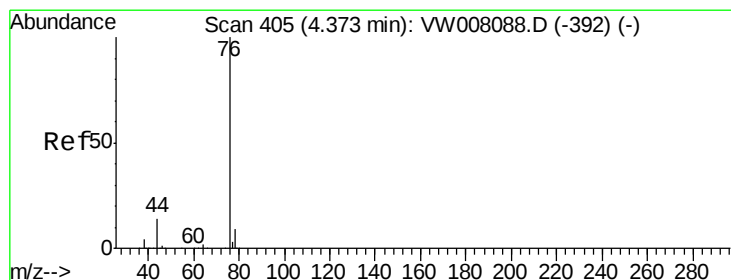
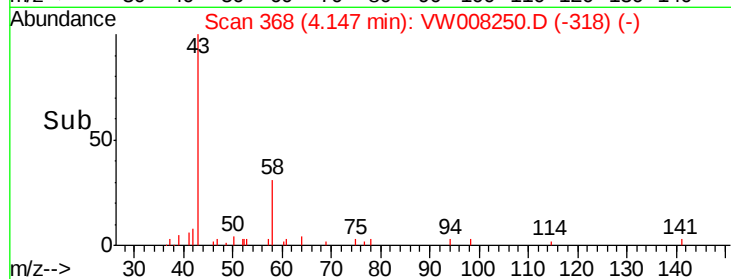
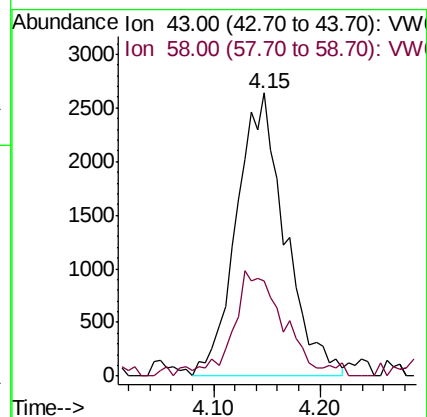
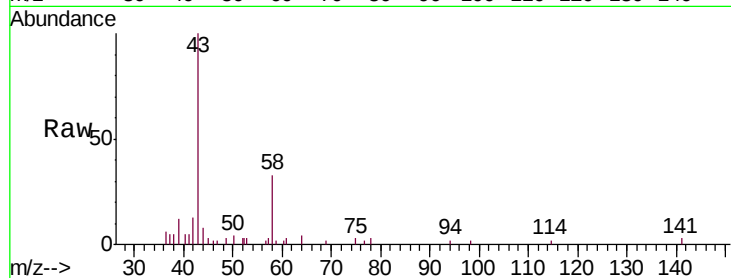
CPSB-12(5-6)

Tgt Ion: 43 Resp: 8428

Ion Ratio Lower Upper

43 100

58 31.3 27.5 41.3



#17

Carbon Disulfide

Concen: 1.118 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008250.D

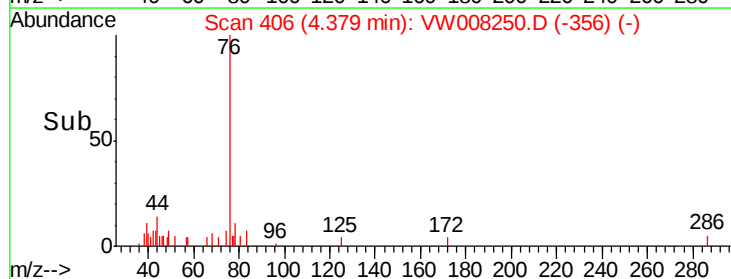
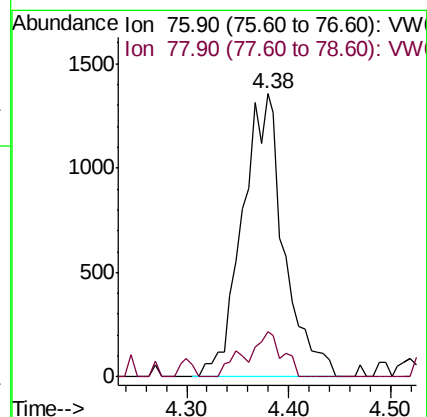
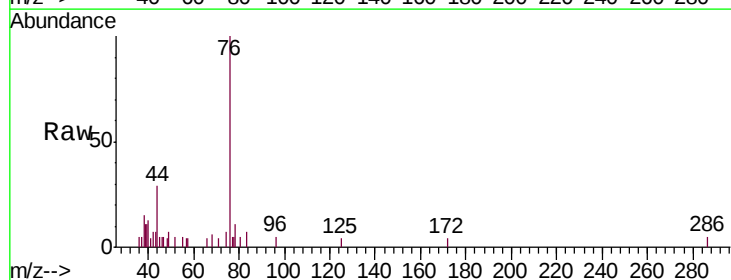
Acq: 14 Jan 2019 16:38

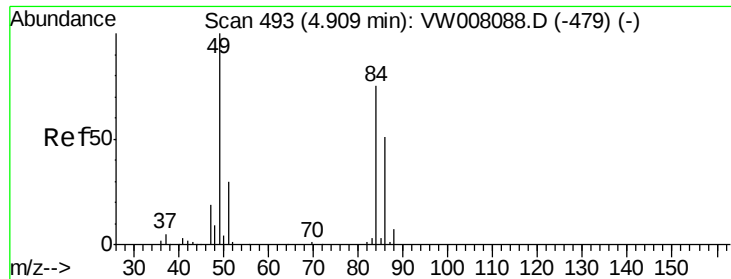
Tgt Ion: 76 Resp: 3866

Ion Ratio Lower Upper

76 100

78 16.0 7.0 10.6#

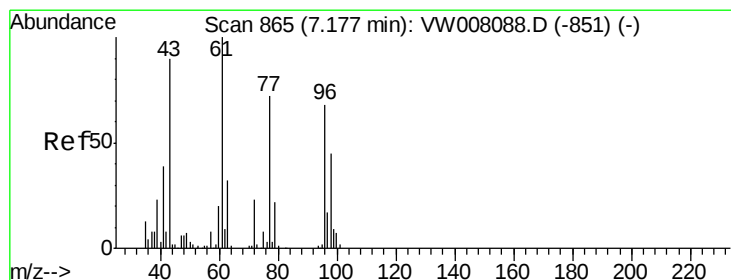
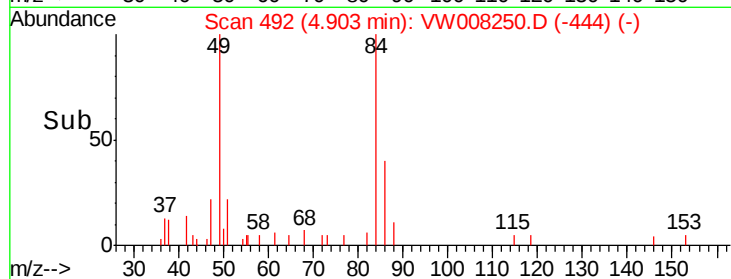
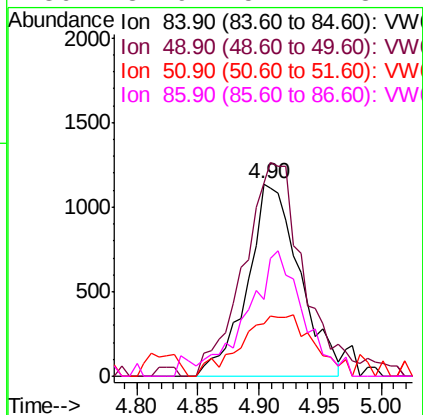
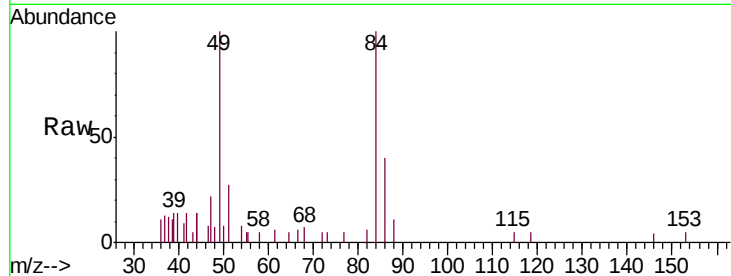




#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008250.D
Acq: 14 Jan 2019 16:38

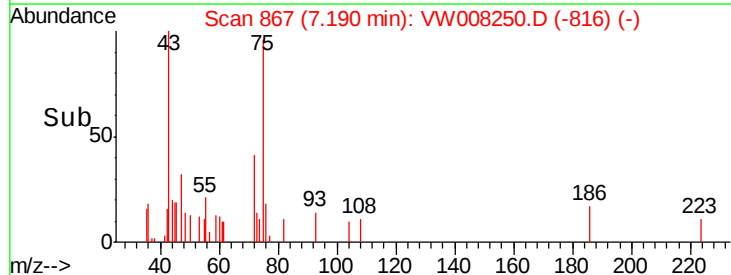
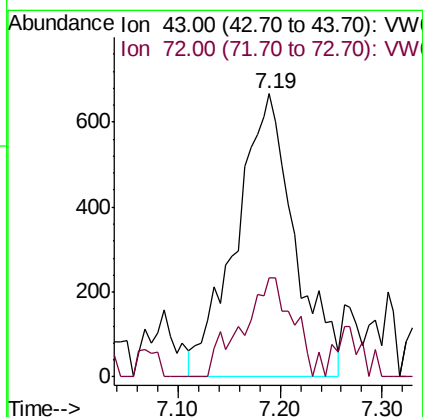
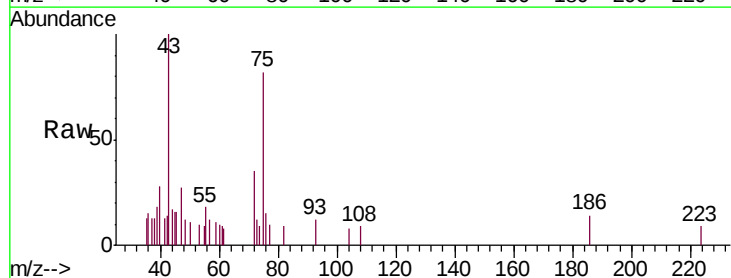
Instrument :
MSVOA_W
ClientSampleId :
CPSB-12(5-6)

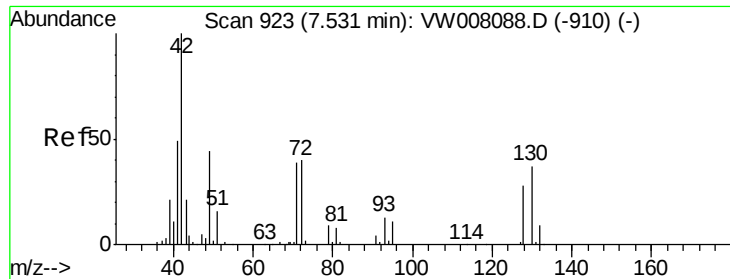
Tgt Ion: 84 Resp: 3385
Ion Ratio Lower Upper
84 100
49 100.4 107.1 160.7#
51 27.3 32.4 48.6#
86 34.9 54.2 81.4#



#25
2-Butanone
Concen: 8.441 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW008250.D
Acq: 14 Jan 2019 16:38

Tgt Ion: 43 Resp: 2668
Ion Ratio Lower Upper
43 100
72 51.4 20.5 30.7#

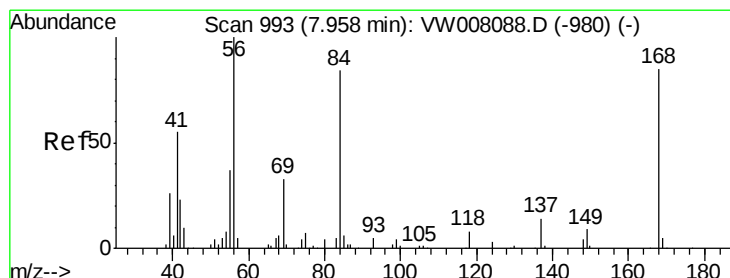
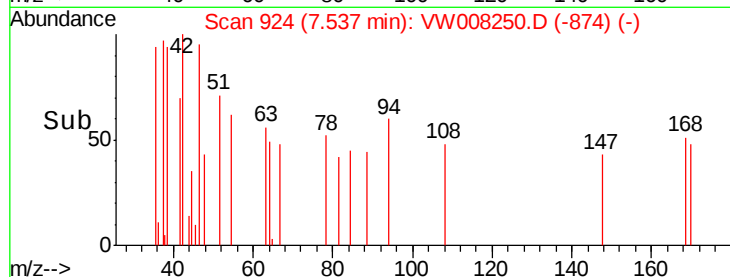
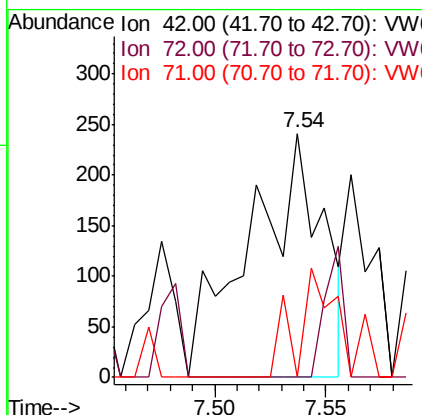
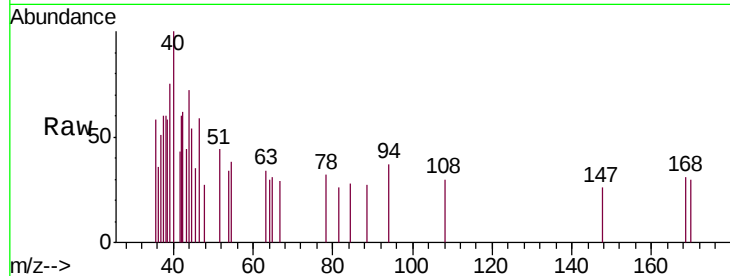




#29
Tetrahydrofuran
Concen: 2.600 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008250.D
Acq: 14 Jan 2019 16:38

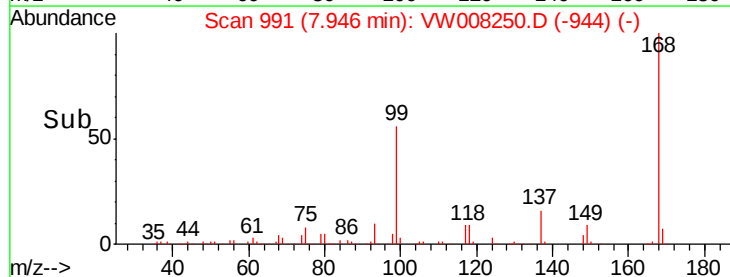
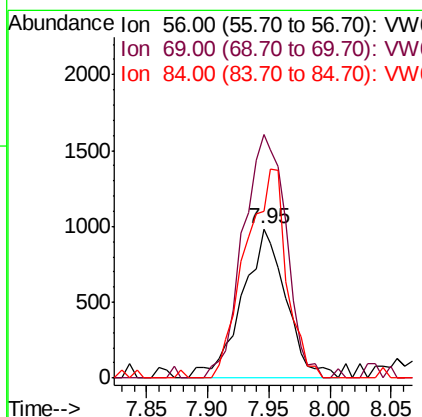
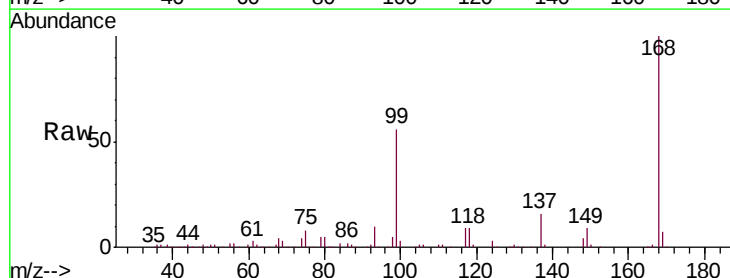
Instrument :
MSVOA_W
ClientSampleId :
CPSB-12(5-6)

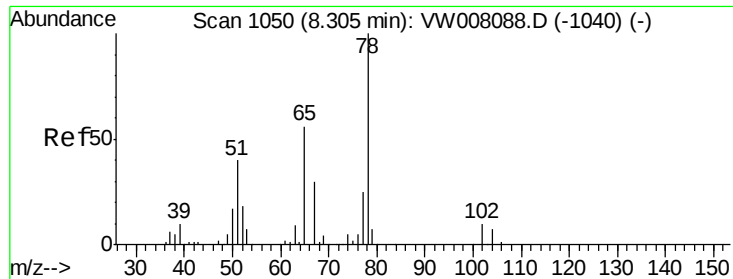
Tgt Ion: 42 Resp: 549
Ion Ratio Lower Upper
42 100
72 13.7 32.4 48.6#
71 26.8 31.3 46.9#



#31
Cyclohexane
Concen: 1.028 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008250.D
Acq: 14 Jan 2019 16:38

Tgt Ion: 56 Resp: 2457
Ion Ratio Lower Upper
56 100
69 162.9 26.2 39.4#
84 111.7 67.4 101.2#

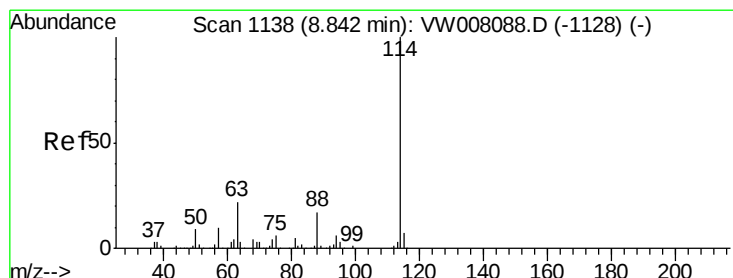
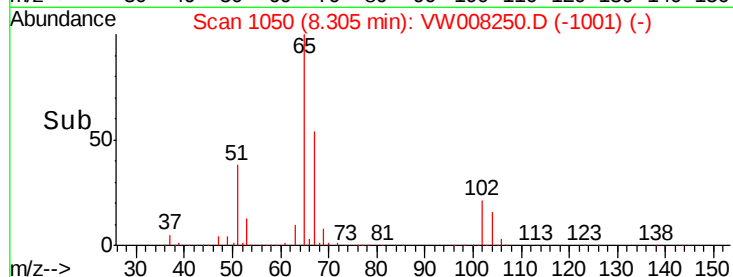
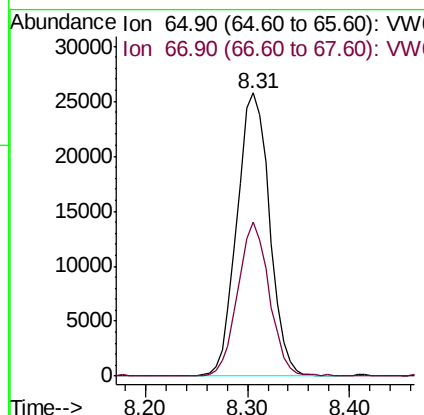
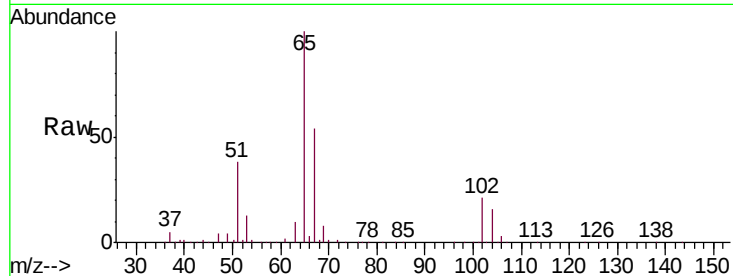




#33
 1,2-Dichloroethane-d4
 Concen: 50.326 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008250.D
 Acq: 14 Jan 2019 16:38

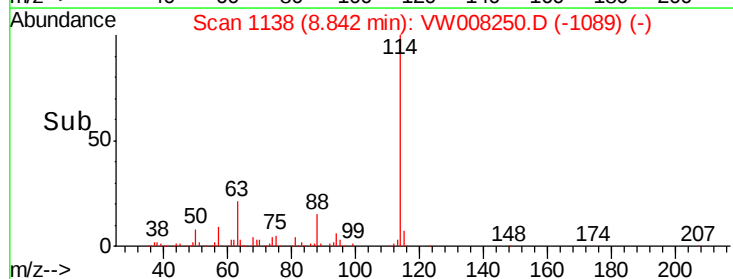
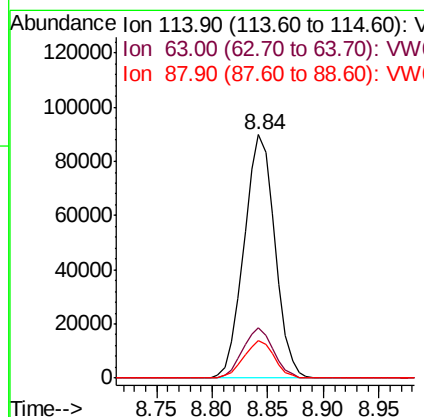
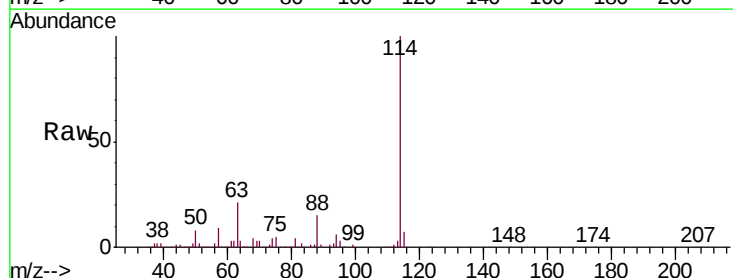
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-12(5-6)

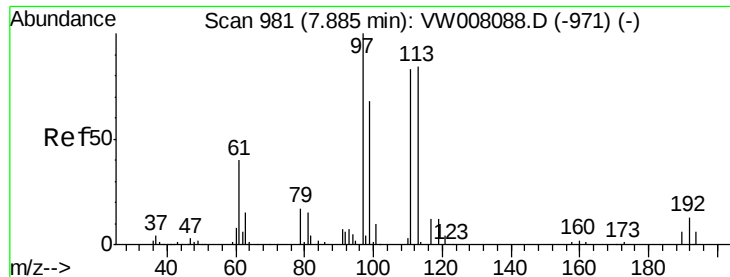
Tgt Ion: 65 Resp: 57172
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008250.D
 Acq: 14 Jan 2019 16:38

Tgt Ion: 114 Resp: 173254
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.4
 88 15.3 0.0 33.4

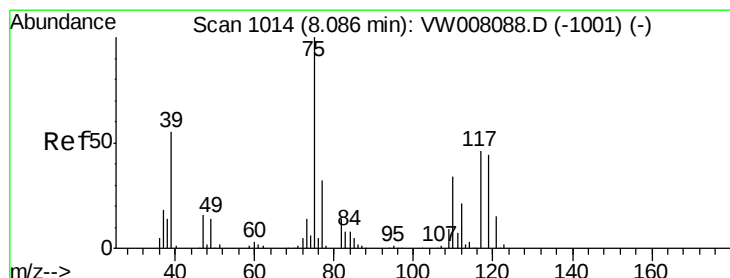
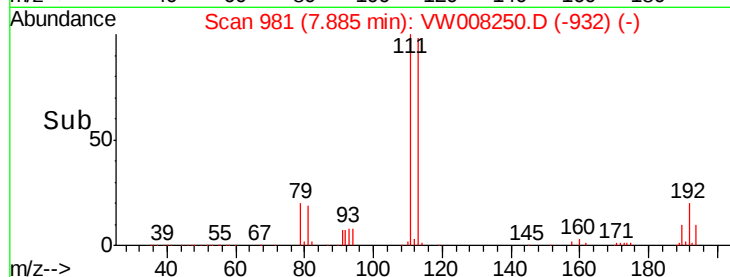
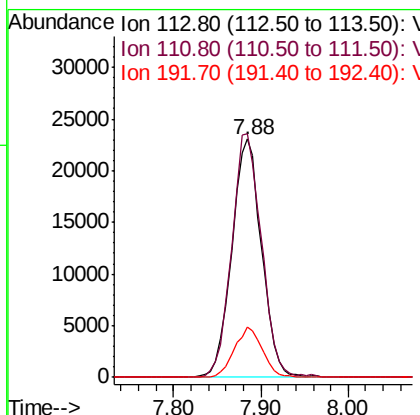
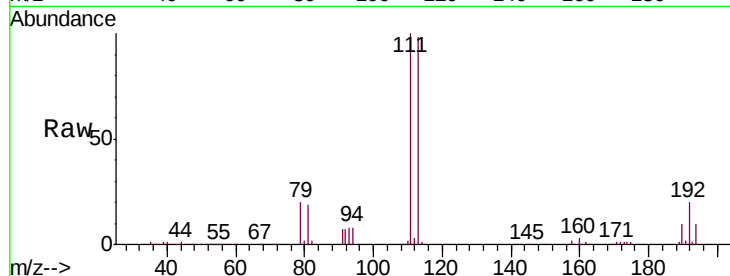




#35
 Dibromofluoromethane
 Concen: 53.892 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008250.D
 Acq: 14 Jan 2019 16:38

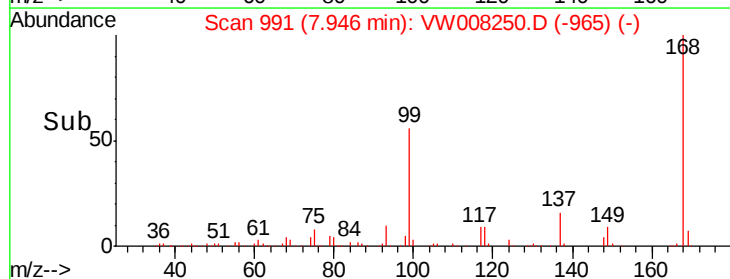
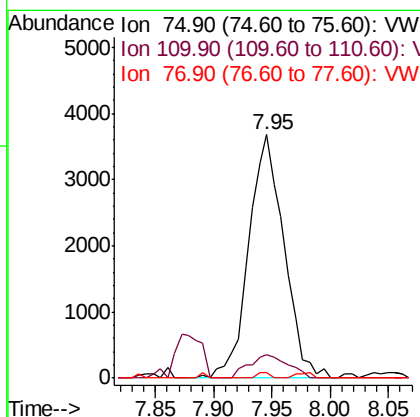
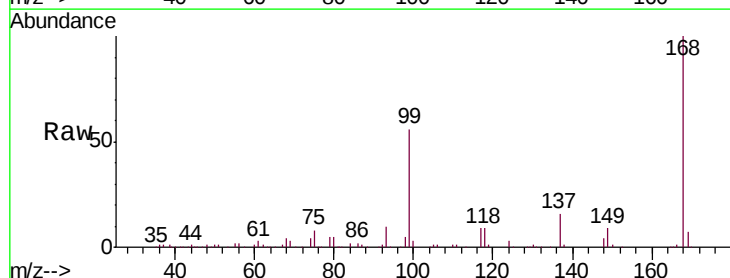
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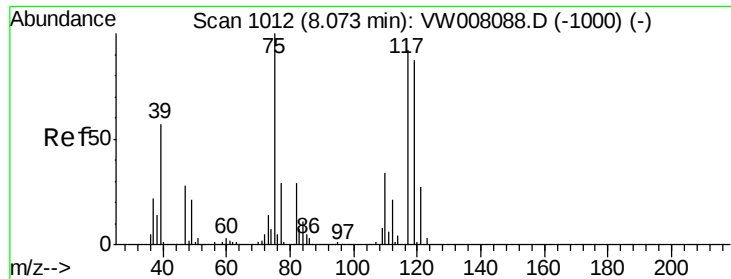
Tgt Ion:113 Resp: 54457
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.8
 192 19.7 12.8 19.2#



#36
 1,1-Dichloropropene
 Concen: 4.334 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008250.D
 Acq: 14 Jan 2019 16:38

Tgt Ion: 75 Resp: 7734
 Ion Ratio Lower Upper
 75 100
 110 10.9 17.1 51.3#
 77 0.7 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 6.039 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW008250.D

Acq: 14 Jan 2019 16:38

Instrument :

MSVOA_W

ClientSampleId :

CPSB-12(5-6)

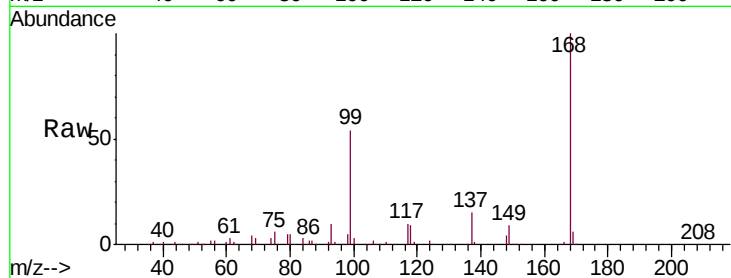
Tgt Ion:117 Resp: 9865

Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.8#

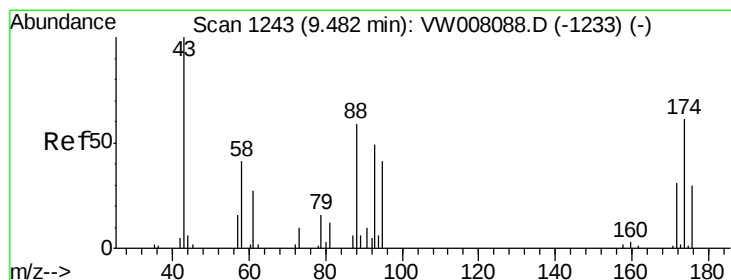
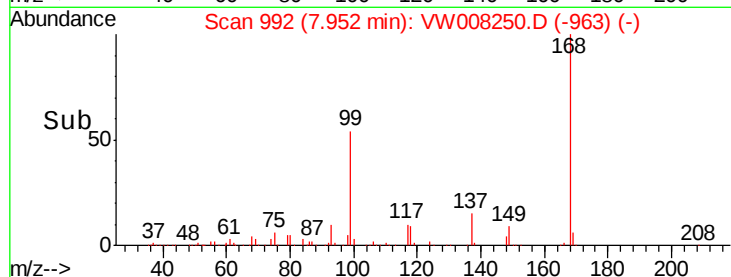
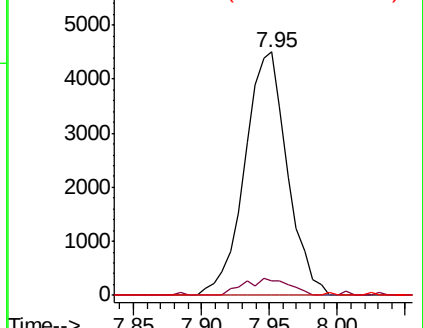
121 0.0 23.7 35.5#



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



#49

1,4-Dioxane

Concen: 8.228 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.03 min

Lab File: VW008250.D

Acq: 14 Jan 2019 16:38

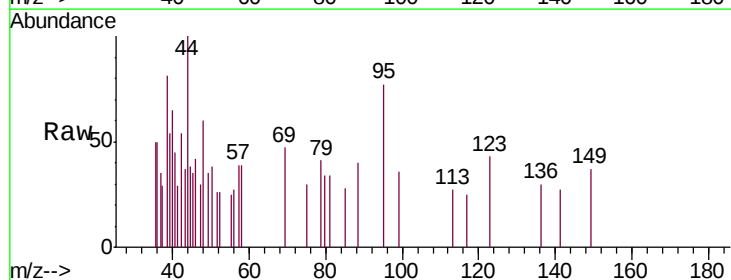
Tgt Ion: 88 Resp: 78

Ion Ratio Lower Upper

88 100

43 132.1 0.0 0.0#

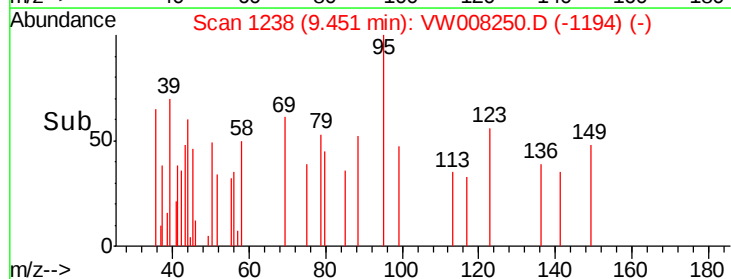
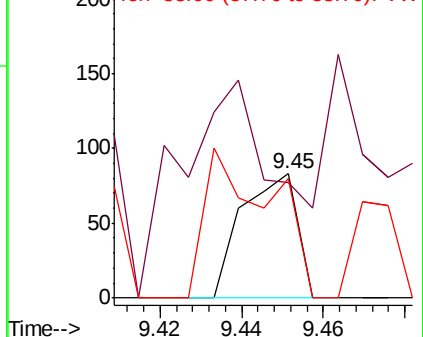
58 0.0 61.7 92.5#

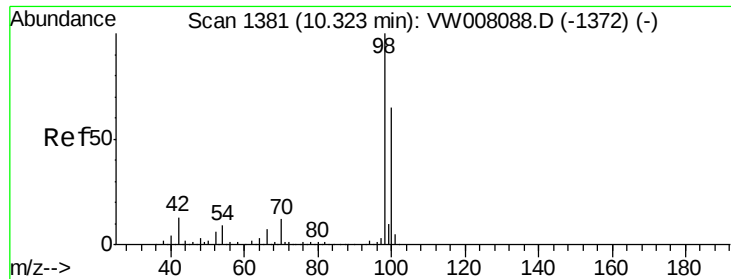


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

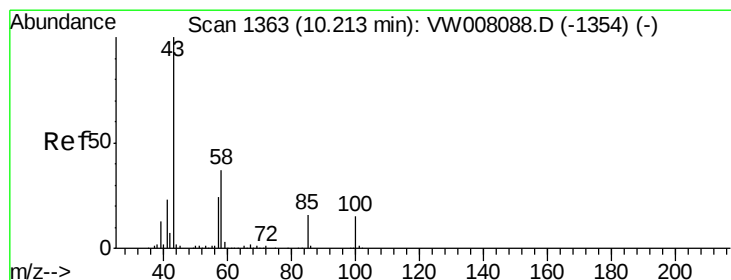
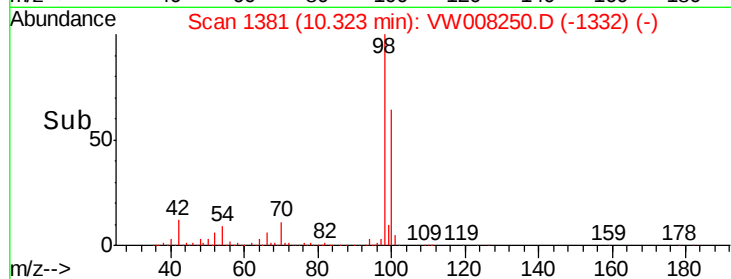
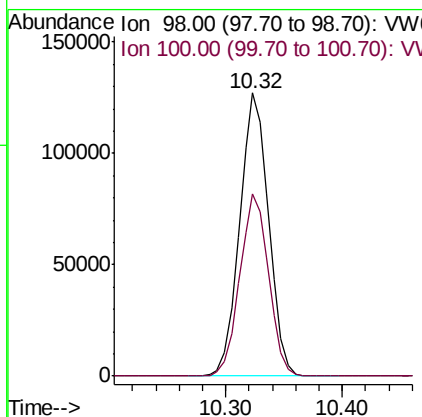
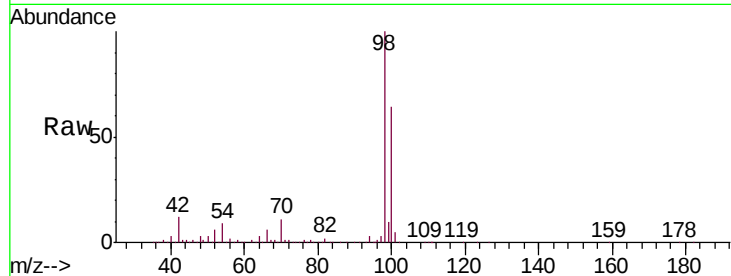




#50
Toluene-d8
Concen: 51.733 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008250.D
Acq: 14 Jan 2019 16:38

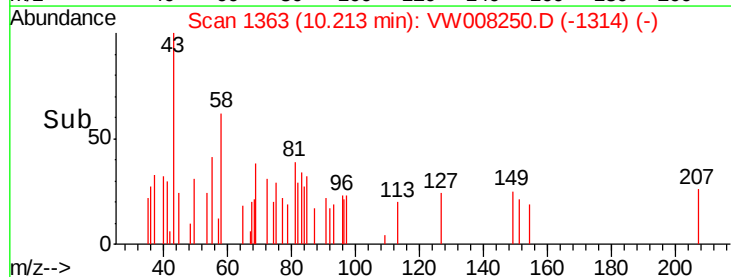
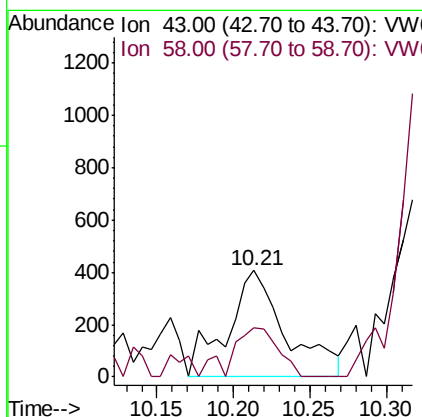
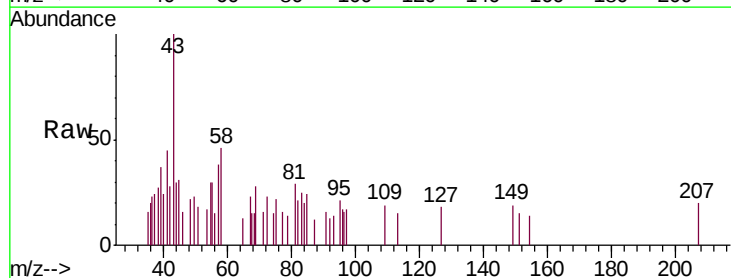
Instrument :
MSVOA_W
ClientSampleId :
CPSB-12(5-6)

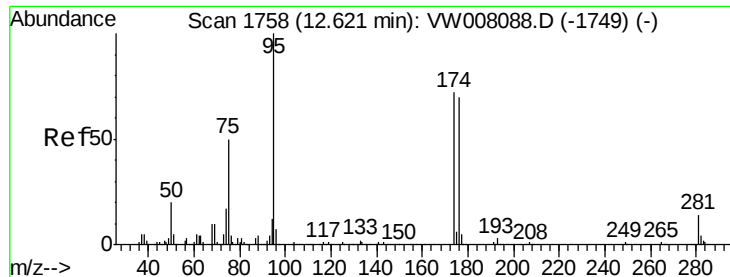
Tgt Ion: 98 Resp: 219368
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.569 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW008250.D
Acq: 14 Jan 2019 16:38

Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
58 36.8 30.6 46.0

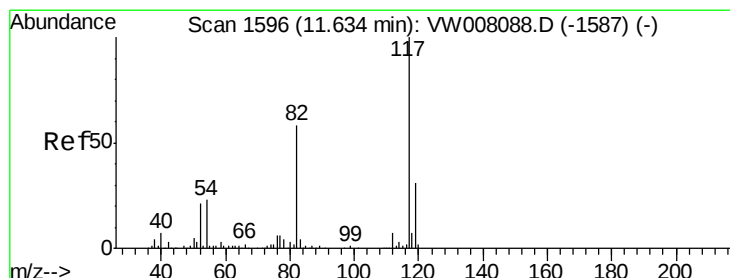
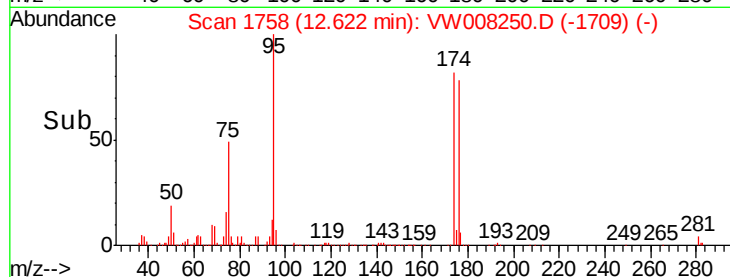
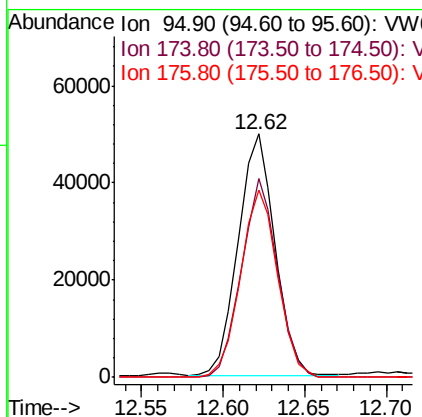
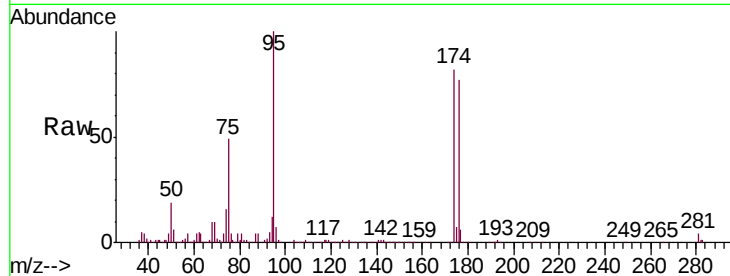




#62
4-Bromofluorobenzene
Concen: 51.002 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008250.D
Acq: 14 Jan 2019 16:38

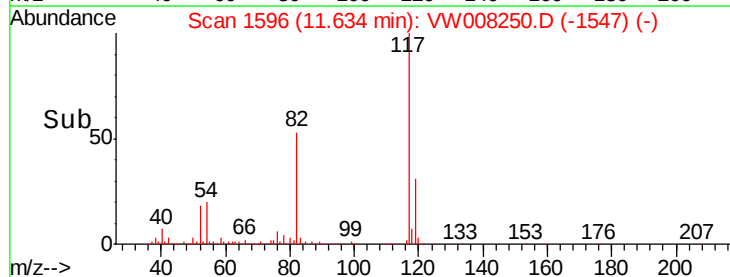
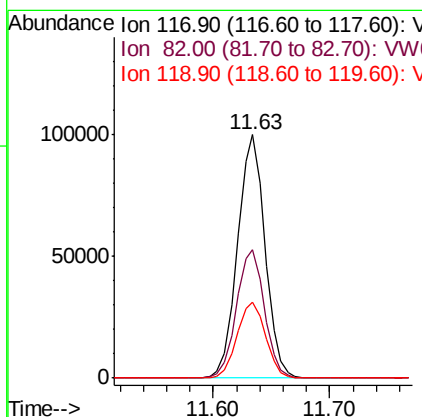
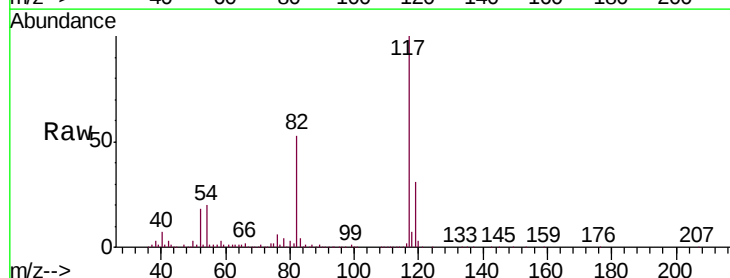
Instrument :
MSVOA_W
ClientSampleId :
CPSB-12(5-6)

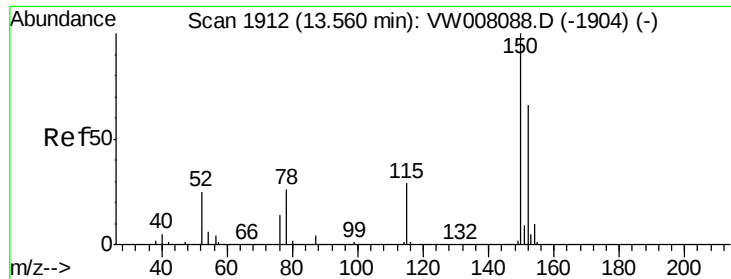
Tgt Ion: 95 Resp: 77532
Ion Ratio Lower Upper
95 100
174 81.2 0.0 143.0
176 78.8 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008250.D
Acq: 14 Jan 2019 16:38

Tgt Ion: 117 Resp: 164040
Ion Ratio Lower Upper
117 100
82 52.7 46.4 69.6
119 31.4 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008250.D

Acq: 14 Jan 2019 16:38

Instrument :

MSVOA_W

ClientSampleId :

CPSB-12(5-6)

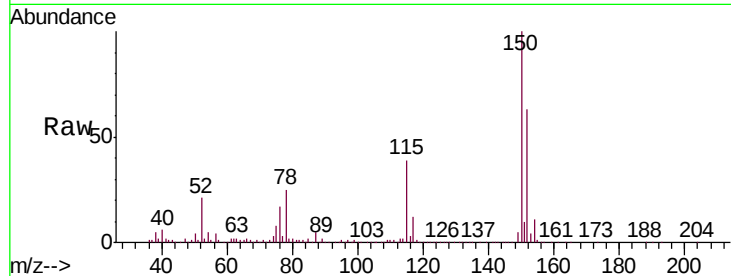
Tgt Ion:152 Resp: 79131

Ion Ratio Lower Upper

152 100

115 58.9 30.8 92.4

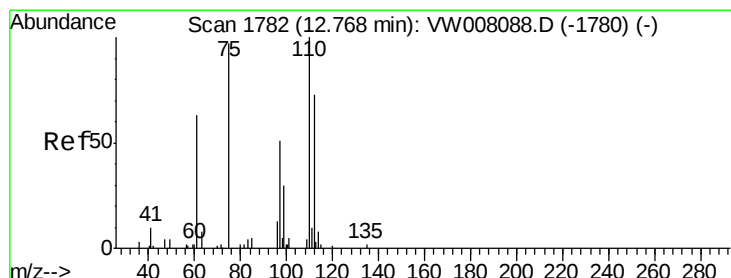
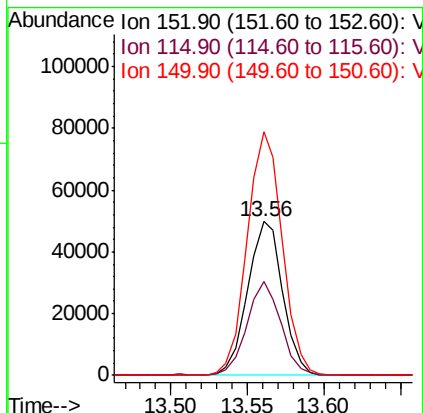
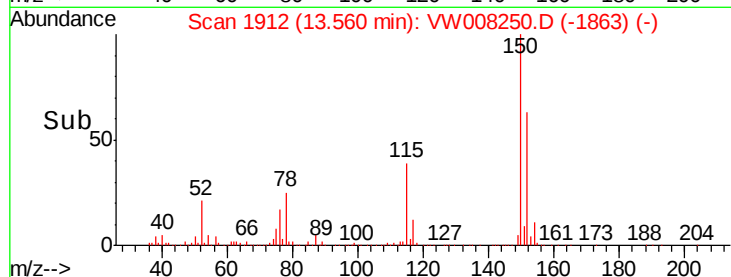
150 158.4 0.0 350.2



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: 54.566 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008250.D

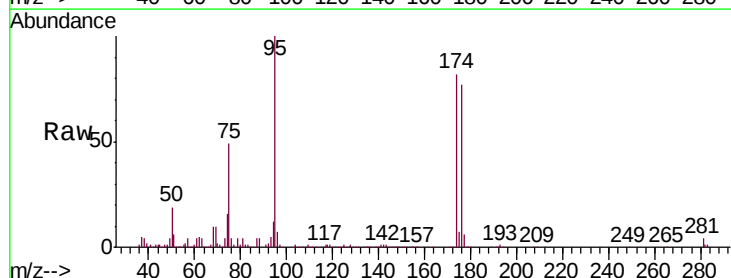
Acq: 14 Jan 2019 16:38

Tgt Ion: 75 Resp: 39362

Ion Ratio Lower Upper

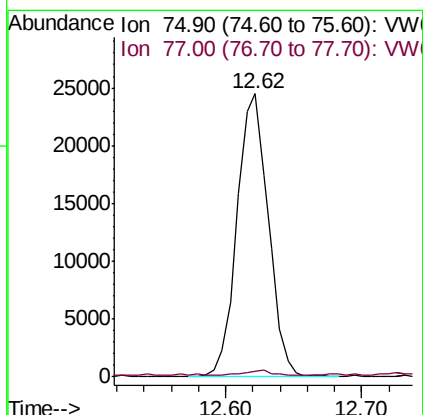
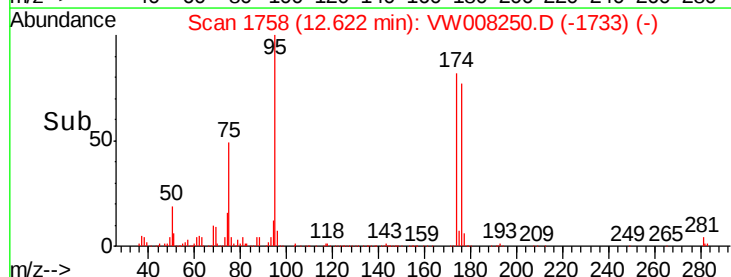
75 100

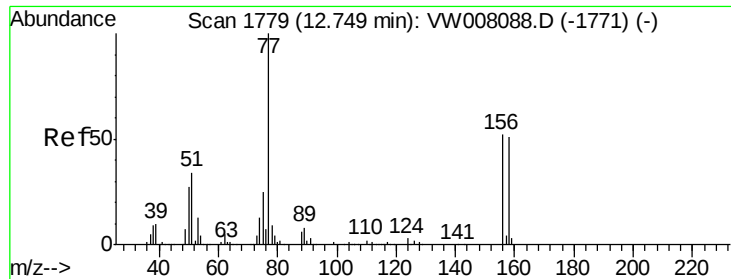
77 1.5 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 6.206 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.20 min

Lab File: VW008250.D

Acq: 14 Jan 2019 16:38

Instrument :

MSVOA_W

ClientSampled :

CPSB-12(5-6)

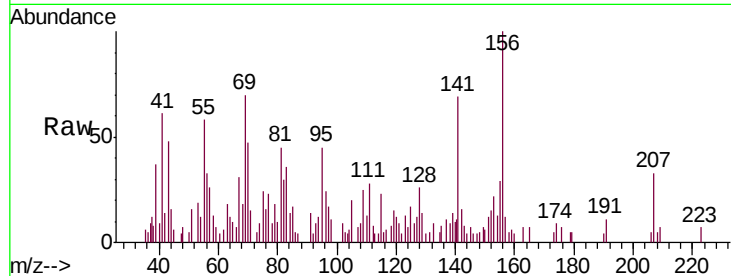
Tgt Ion:156 Resp: 8147

Ion Ratio Lower Upper

156 100

77 0.0 104.2 312.5#

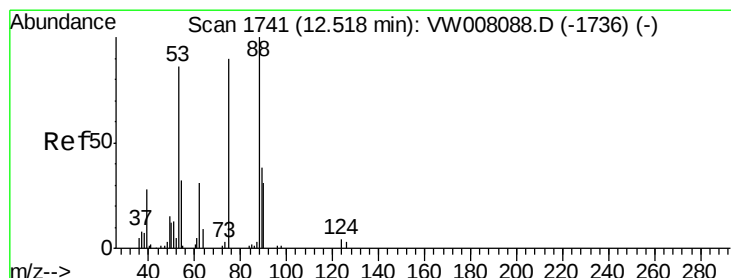
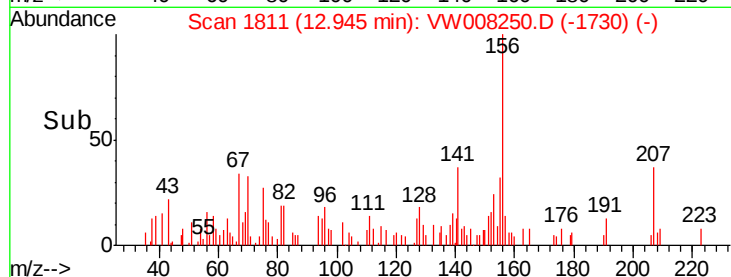
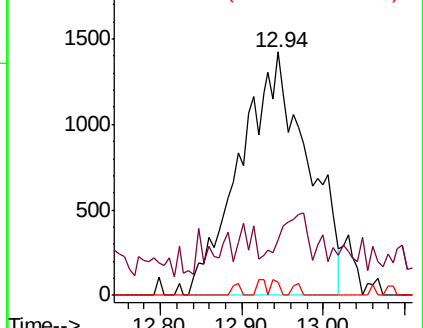
158 0.8 47.9 143.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 127.068 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008250.D

Acq: 14 Jan 2019 16:38

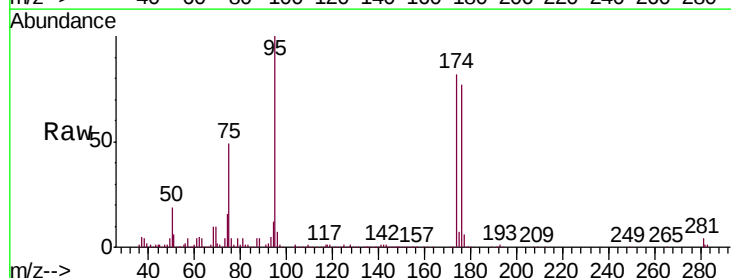
Tgt Ion: 75 Resp: 39362

Ion Ratio Lower Upper

75 100

53 0.2 78.8 118.2#

89 0.2 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

