

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008079.D
 Acq On : 07 Jan 2019 19:28
 Operator : SY/AP
 Sample : K1071-08
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-1(20-25)

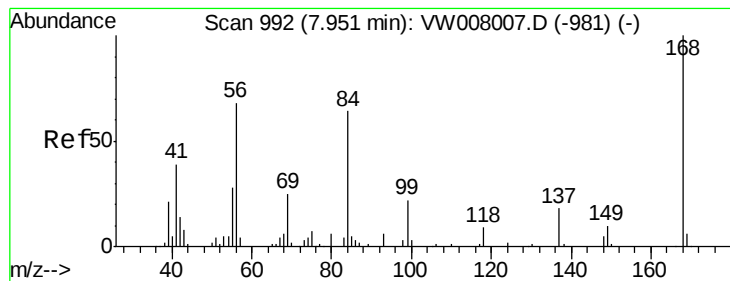
Quant Time: Jan 08 03:47:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	73532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	121044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	98502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	45666	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	44506	54.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.44%	
35) Dibromofluoromethane	7.88	113	37703	49.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.82%	
50) Toluene-d8	10.32	98	143264	50.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.62	95	47694	43.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	2397	19.039	ug/l	100
17) Carbon Disulfide	4.38	76	4728	2.097	ug/l	98
25) 2-Butanone	7.18	43	1036	6.984	ug/l #	45
31) Cyclohexane	7.95	56	1480	1.190	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	5723	4.793	ug/l #	49
37) Ethyl Acetate	7.18	43	1036	2.888	ug/l #	73
38) Carbon Tetrachloride	7.95	117	8262	5.774	ug/l #	15
59) 2-Hexanone	10.94	43	253	1.105	ug/l #	25
75) 1,1,2,2-Tetrachloroethane	12.71	83	1896	4.104	ug/l #	33
76) 1,2,3-Trichloropropane	12.62	75	26051	71.708	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	26051	169.577	ug/l #	6
90) Hexachloroethane	14.11	117	848	1.440	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008079.D

Acq: 07 Jan 2019 19:28

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MSVOA_W

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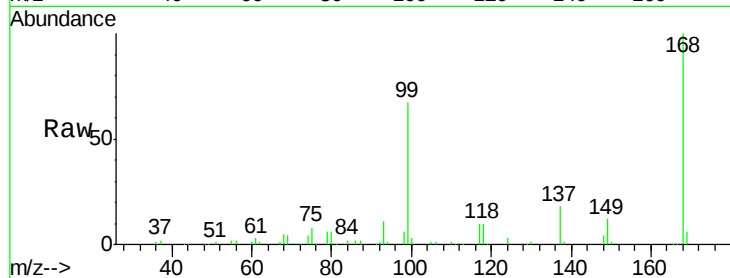
CPSB-1(20-25)

Tot Ion:168 Resp: 73532

Ion Ratio Lower Upper

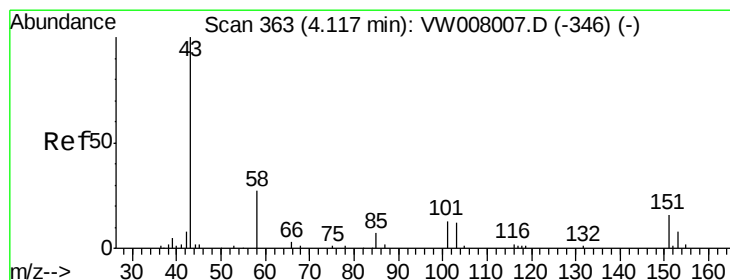
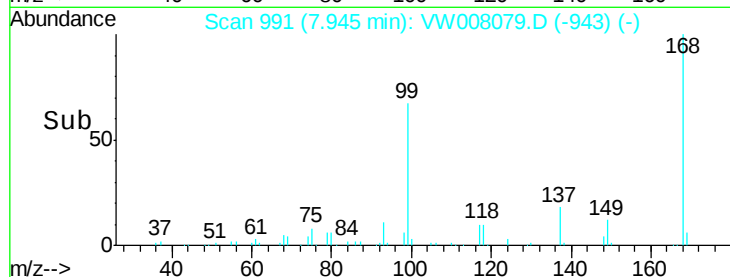
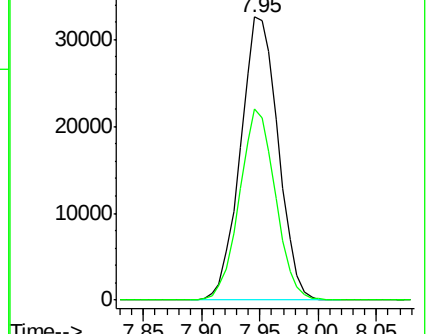
168 100

99 67.5 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 19.039 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW008079.D

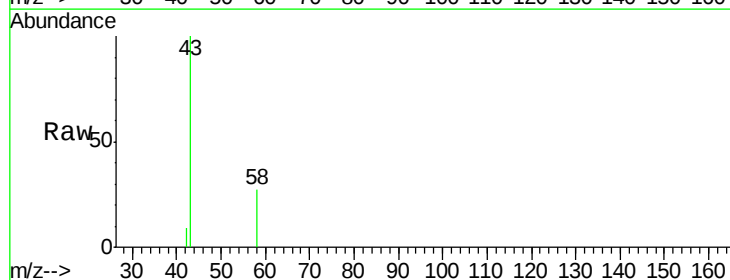
Acq: 07 Jan 2019 19:28

Tgt Ion: 43 Resp: 2397

Ion Ratio Lower Upper

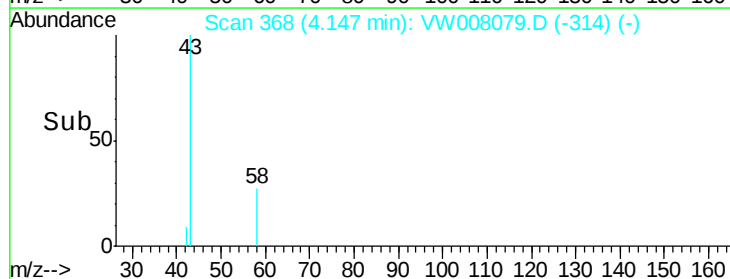
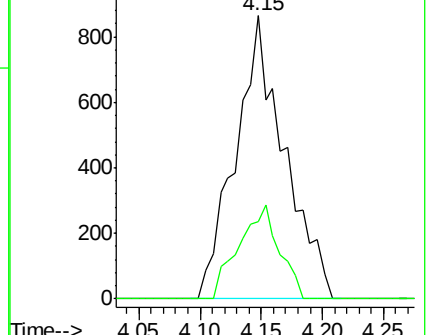
43 100

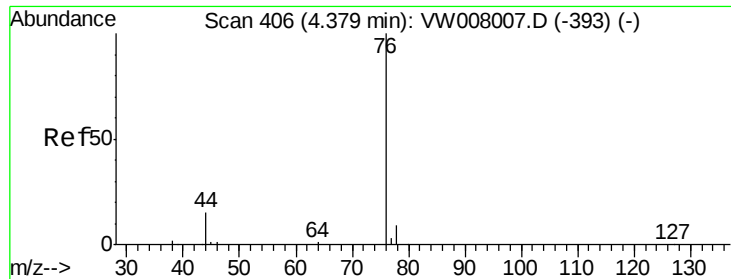
58 27.3 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

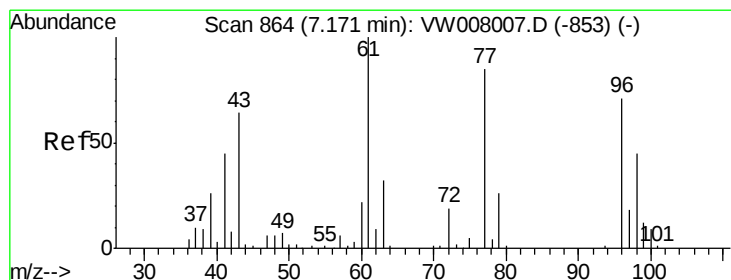
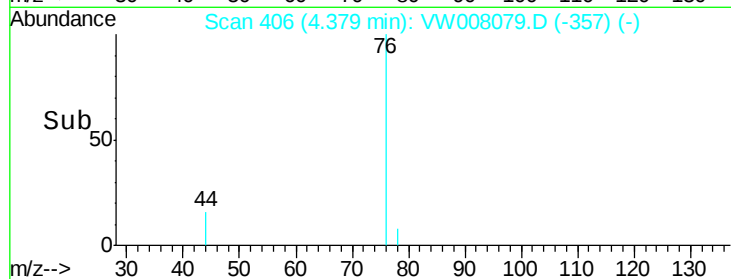
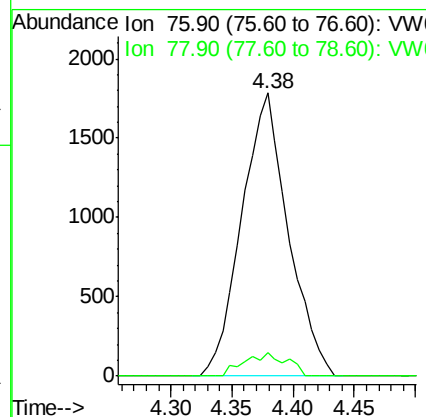
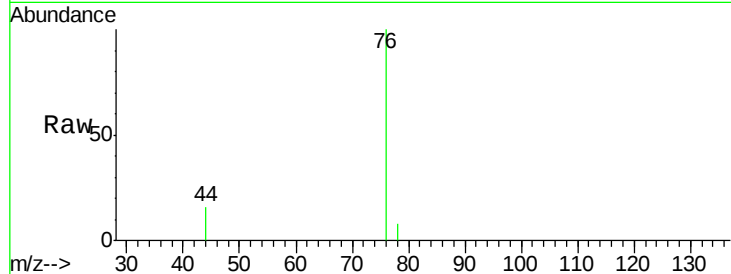




#17
Carbon Disulfide
Concen: 2.097 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW008079.D
Acq: 07 Jan 2019 19:28

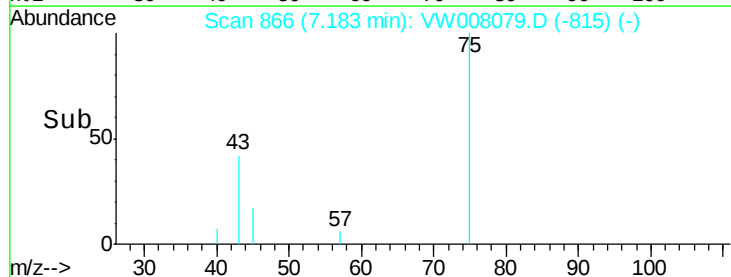
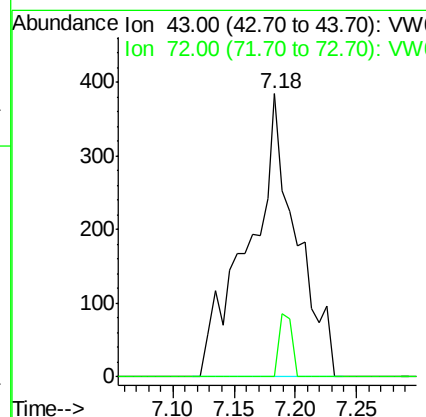
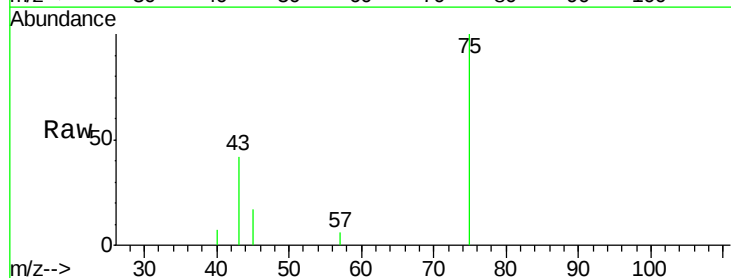
Instrument :
MSVOA_W
ClientSampleId :
CPSB-1(20-25)

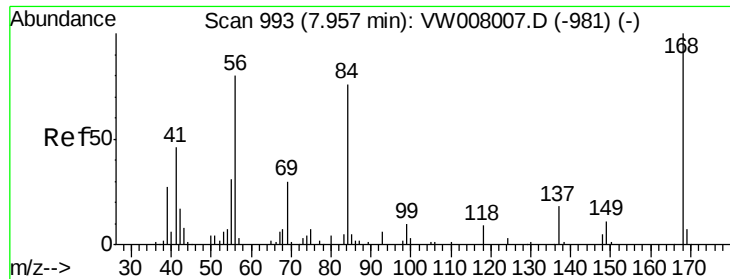
Tot Ion: 76 Resp: 4728
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.4



#25
2-Butanone
Concen: 6.984 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW008079.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.8#

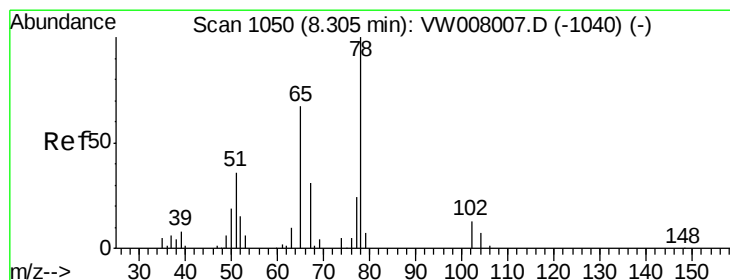
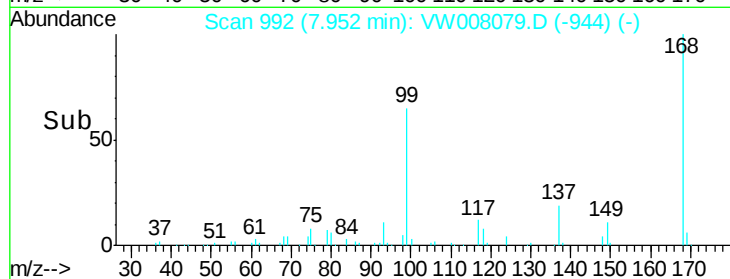
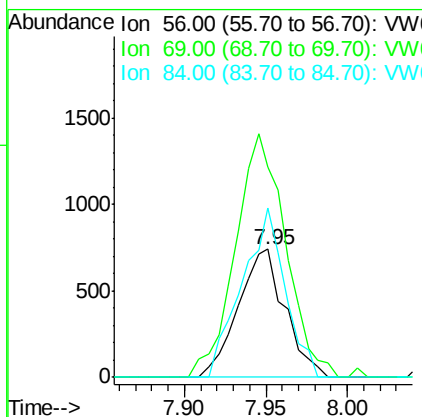
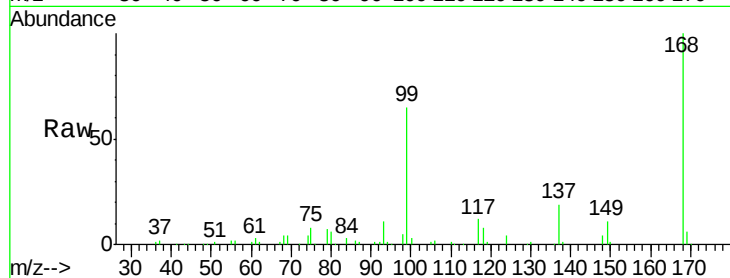




#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008079.D
Acq: 07 Jan 2019 19:28

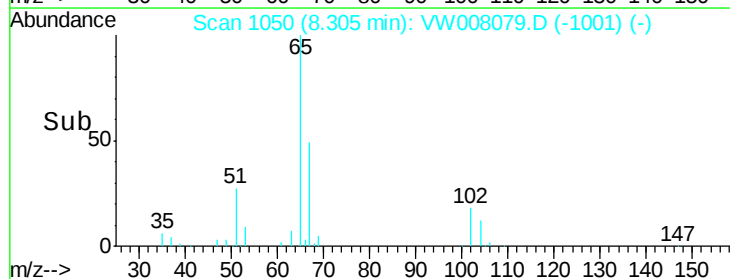
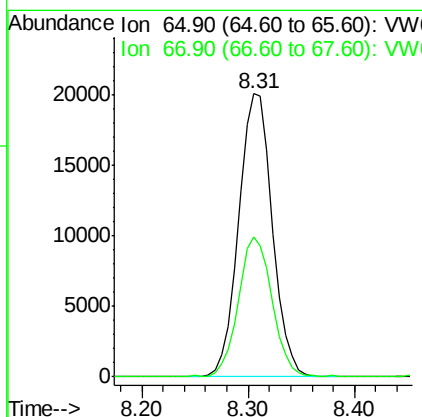
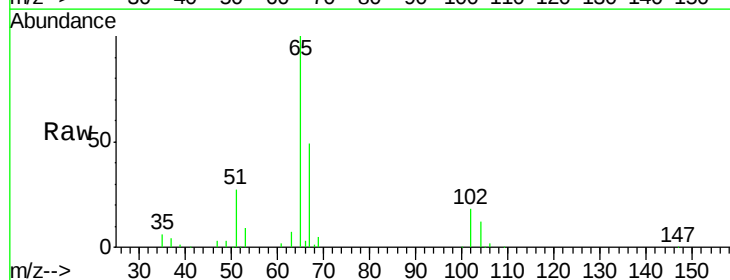
Instrument :
MSVOA_W
ClientSampleId :
CPSB-1(20-25)

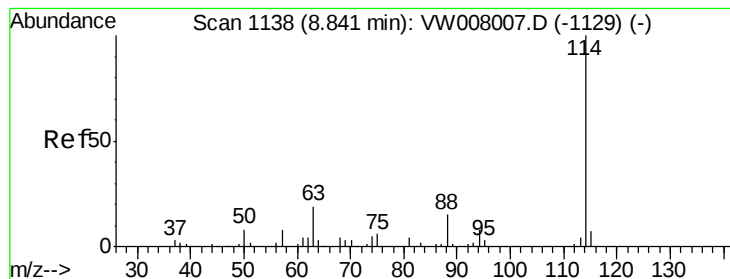
Tot Ion: 56 Resp: 1480
Ion Ratio Lower Upper
56 100
69 163.9 29.8 44.6#
84 132.6 75.2 112.8#



#33
1,2-Dichloroethane-d4
Concen: 54.722 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008079.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 65 Resp: 44506
Ion Ratio Lower Upper
65 100
67 49.6 0.0 94.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008079.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

CPSB-1(20-25)

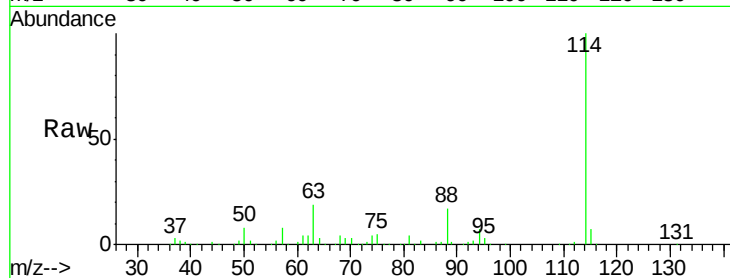
Tot Ion:114 Resp: 121044

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.8

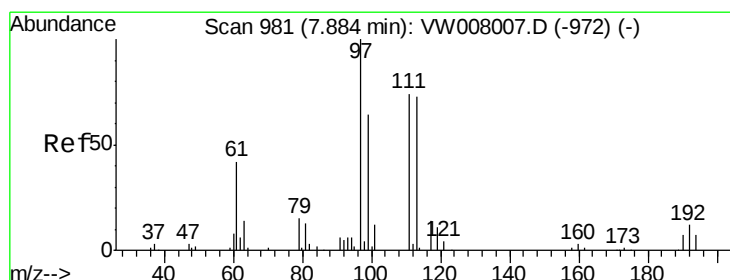
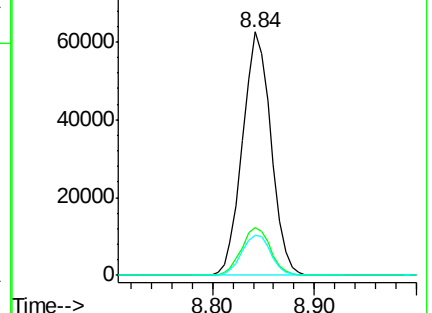
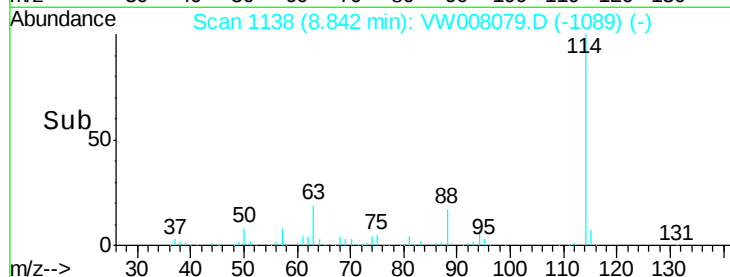
88 16.5 0.0 31.0



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: 49.410 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008079.D

Acq: 07 Jan 2019 19:28

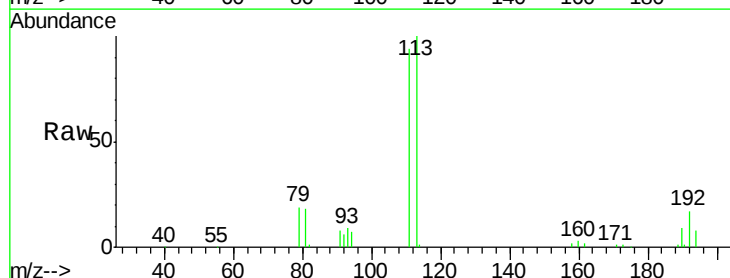
Tgt Ion:113 Resp: 37703

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

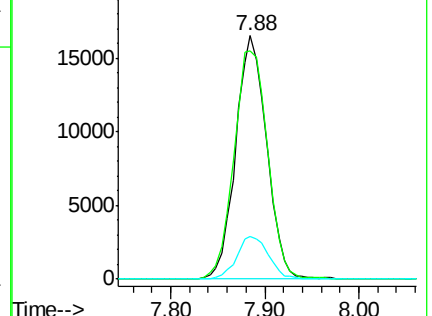
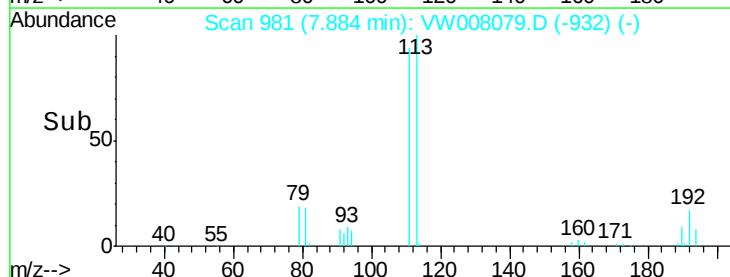
192 17.9 14.8 22.2

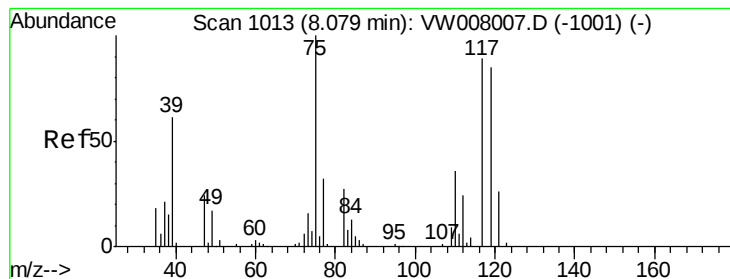


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.793 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008079.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

CPSB-1(20-25)

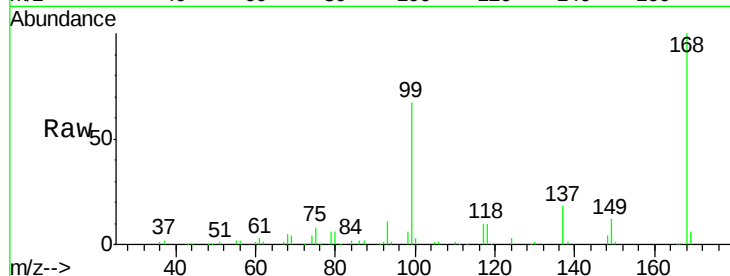
Tot Ion: 75 Resp: 5723

Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.3#

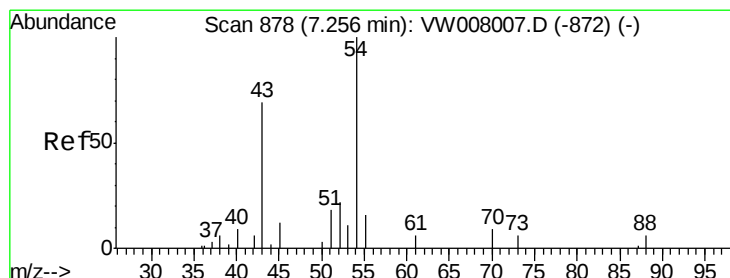
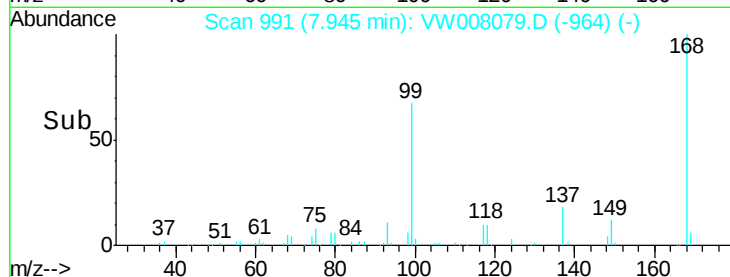
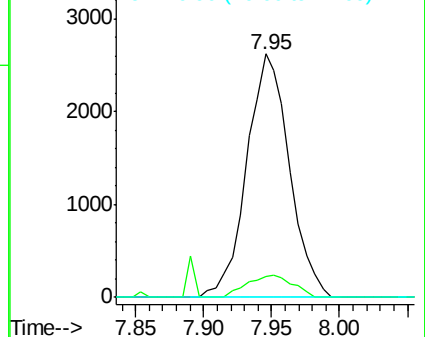
77 0.0 25.3 37.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 2.888 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.07 min

Lab File: VW008079.D

Acq: 07 Jan 2019 19:28

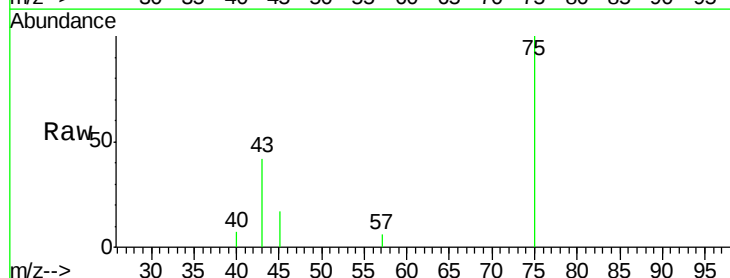
Tgt Ion: 43 Resp: 1036

Ion Ratio Lower Upper

43 100

61 4.2 11.4 17.2#

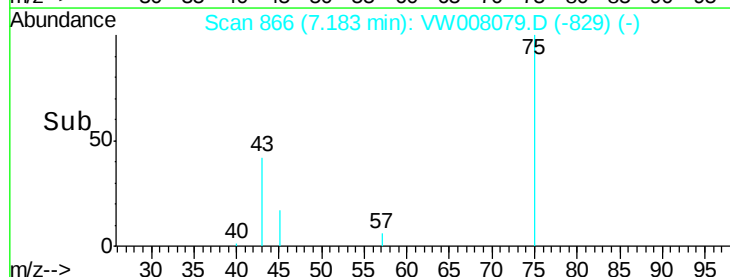
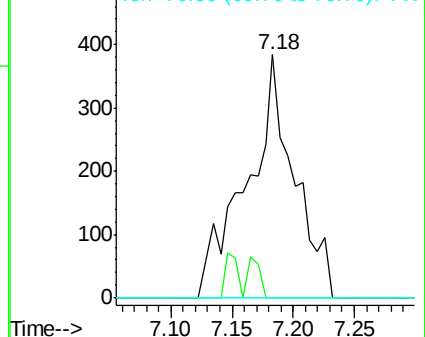
70 0.0 9.4 14.0#

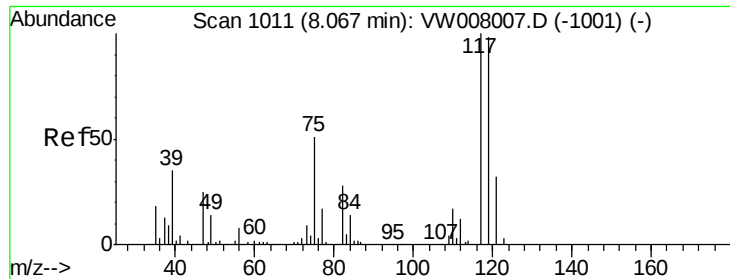


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

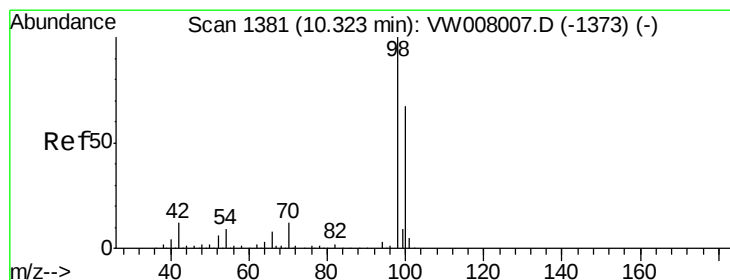
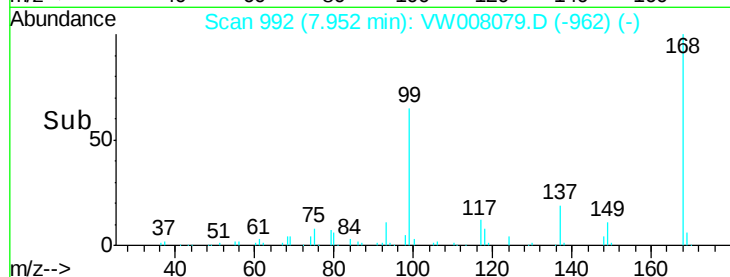
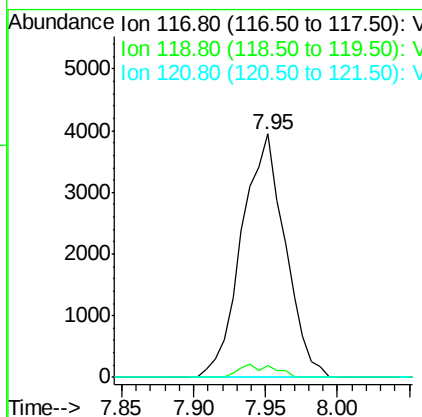
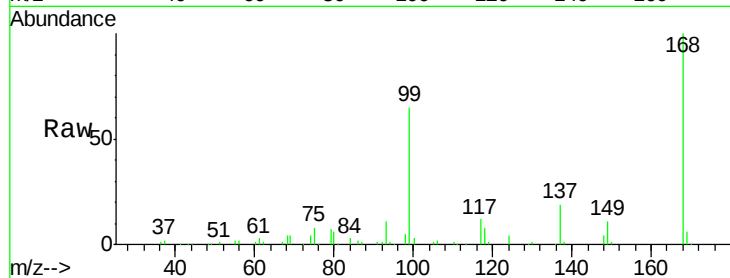




#38
Carbon Tetrachloride
Concen: 5.774 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008079.D
Acq: 07 Jan 2019 19:28

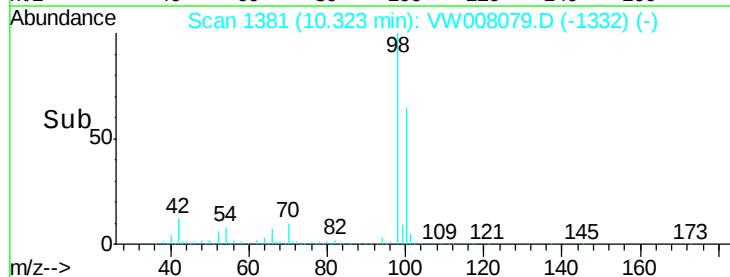
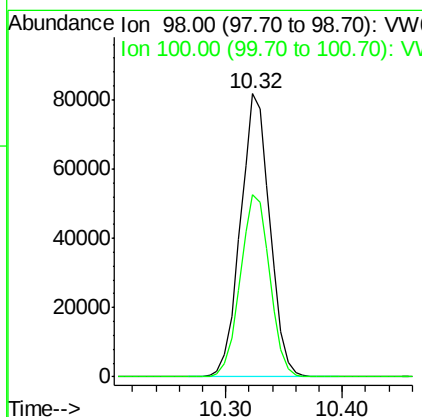
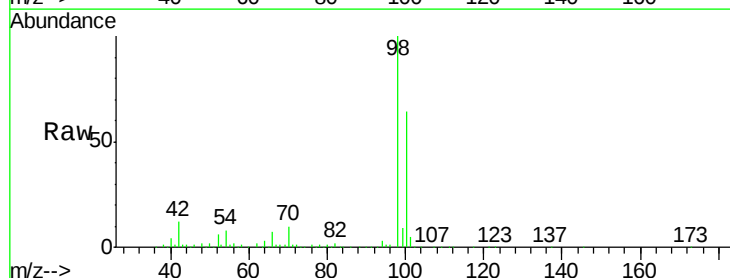
Instrument :
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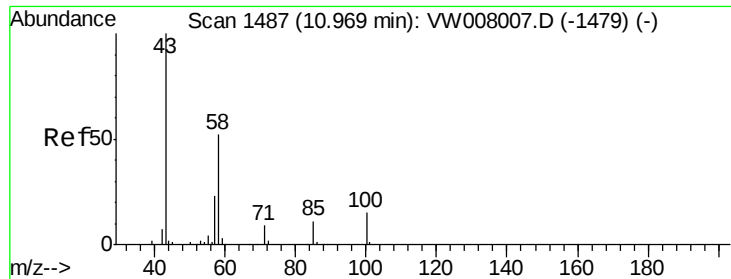
Tot Ion:117 Resp: 8262
Ion Ratio Lower Upper
117 100
119 5.0 78.7 118.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 50.050 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008079.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 98 Resp: 143264
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3

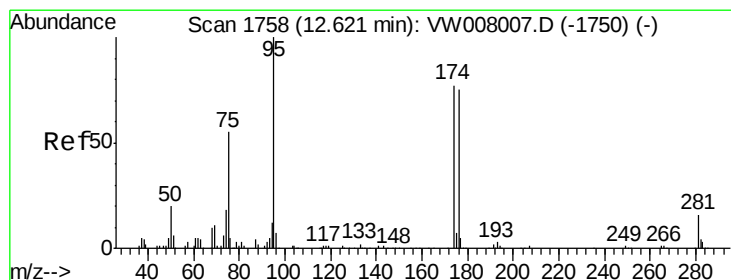
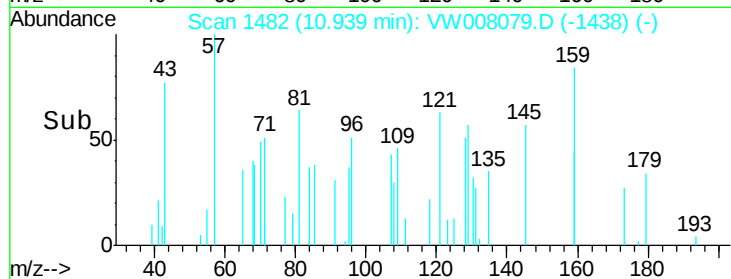
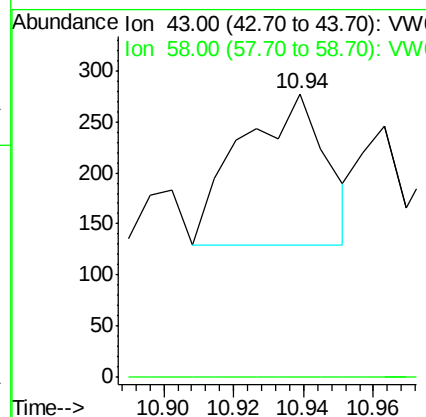
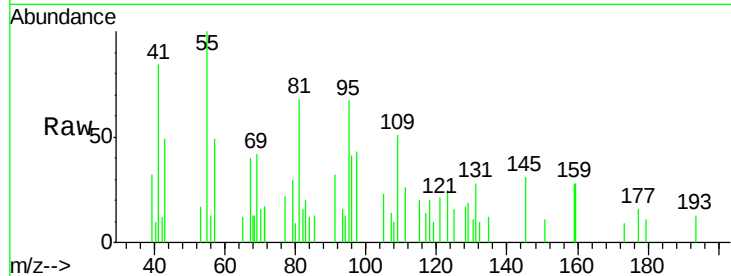




#59
2-Hexanone
Concen: 1.105 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW008079.D
Acq: 07 Jan 2019 19:28

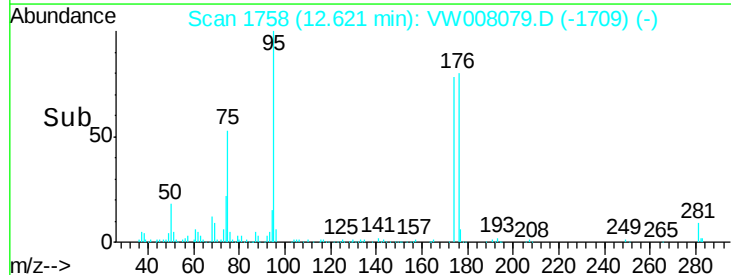
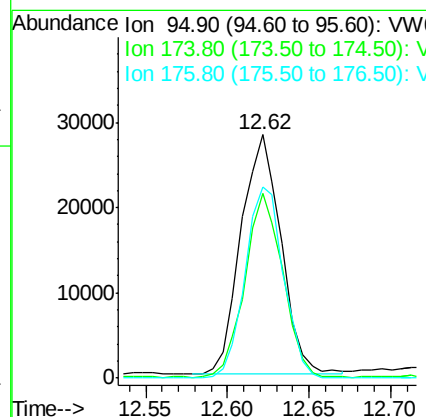
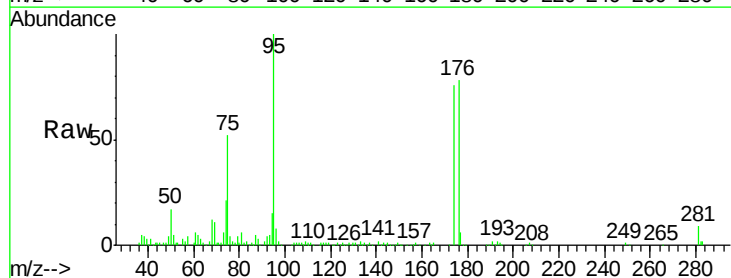
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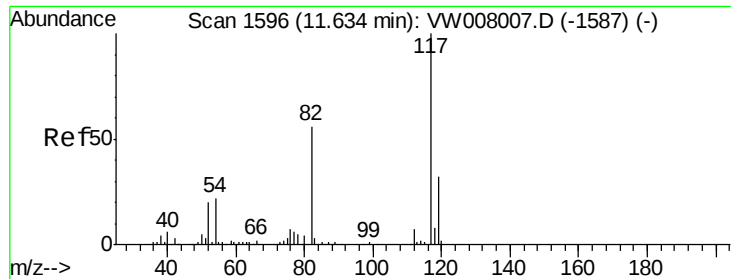
Tot Ion: 43 Resp: 253
Ion Ratio Lower Upper
43 100
58 0.0 27.1 81.2#



#62
4-Bromofluorobenzene
Concen: 43.446 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008079.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 95 Resp: 47694
Ion Ratio Lower Upper
95 100
174 73.0 0.0 149.6
176 76.9 0.0 145.4

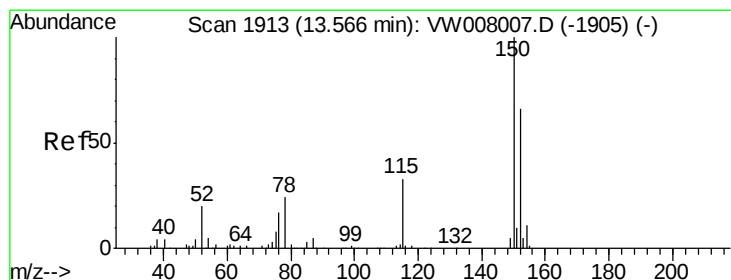
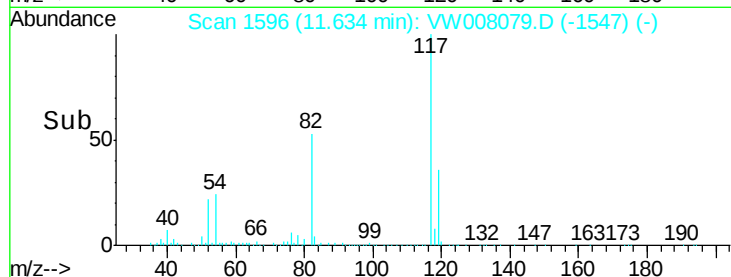
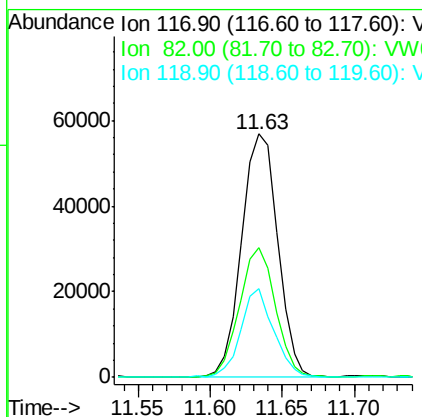
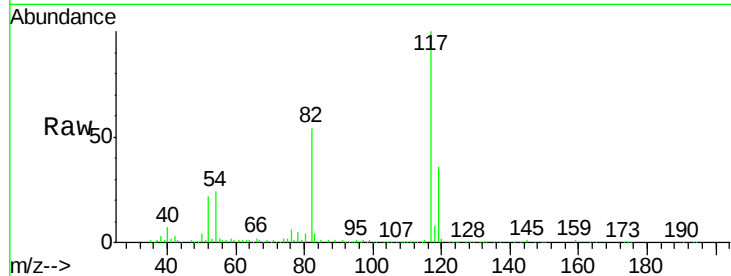




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008079.D
Acq: 07 Jan 2019 19:28

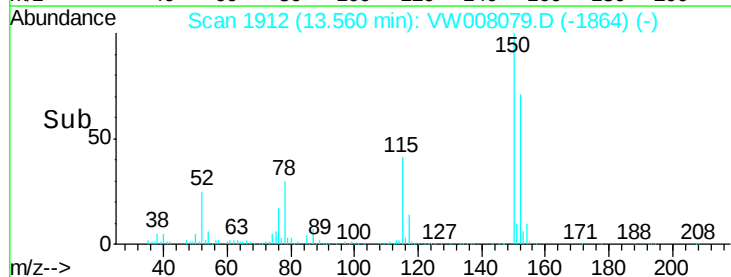
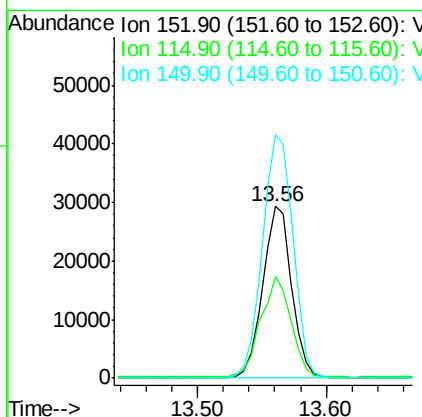
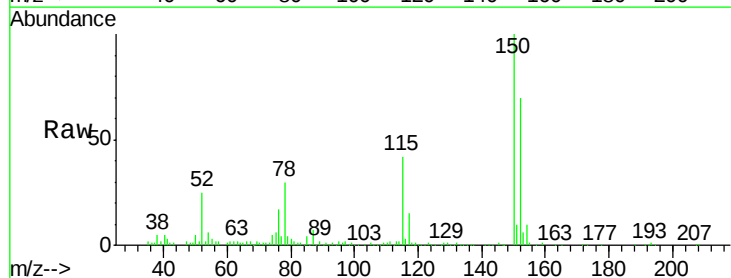
Instrument :
MSVOA_W
ClientSampleId :
CPSB-1(20-25)

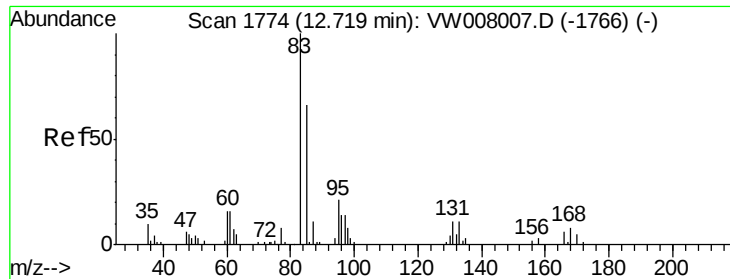
Tot Ion:117 Resp: 98502
Ion Ratio Lower Upper
117 100
82 53.3 44.8 67.2
119 36.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008079.D
Acq: 07 Jan 2019 19:28

Tgt Ion:152 Resp: 45666
Ion Ratio Lower Upper
152 100
115 61.6 32.1 96.5
150 150.3 0.0 345.0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.104 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW008079.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

CPSB-1(20-25)

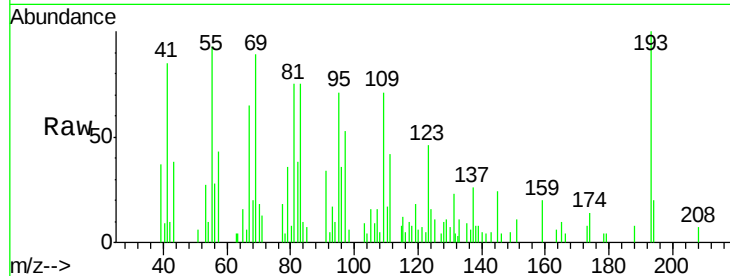
Tot Ion: 83 Resp: 1896

Ion Ratio Lower Upper

83 100

131 30.7 6.5 19.5#

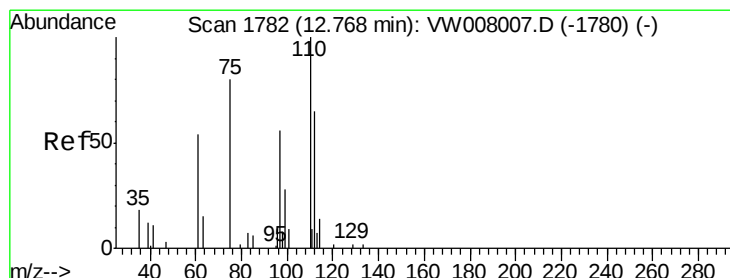
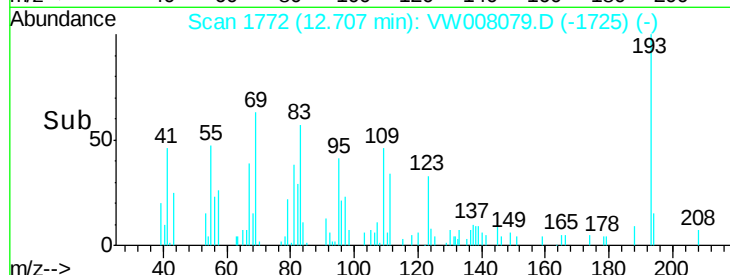
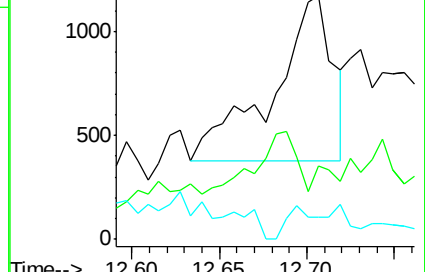
85 9.1 32.8 98.3#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 71.708 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW008079.D

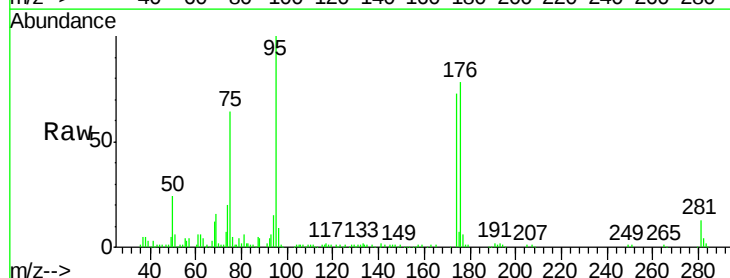
Acq: 07 Jan 2019 19:28

Tgt Ion: 75 Resp: 26051

Ion Ratio Lower Upper

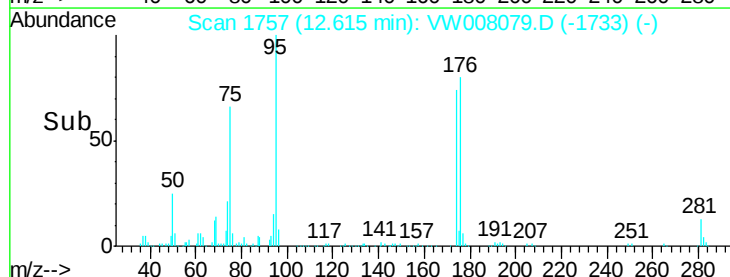
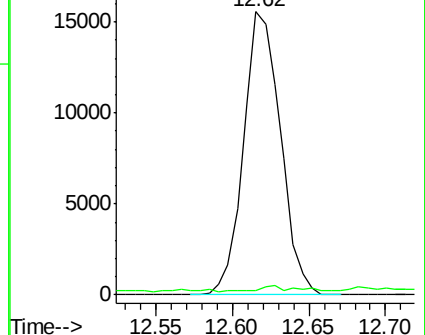
75 100

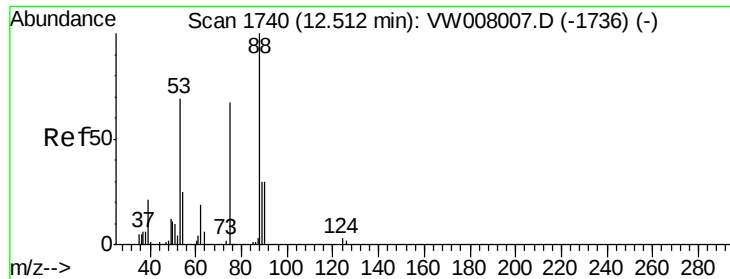
77 1.9 186.2 558.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

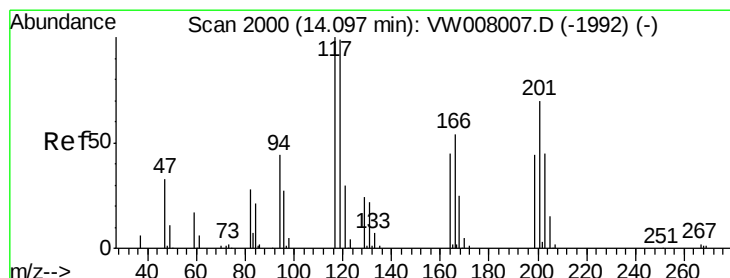
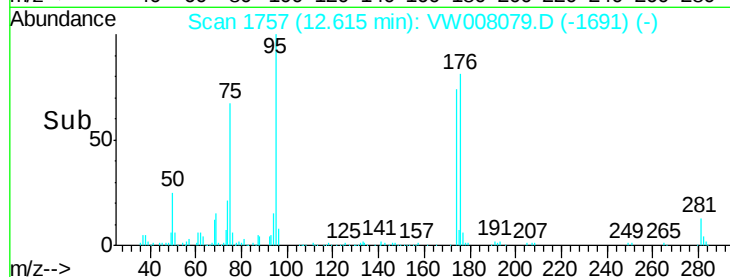
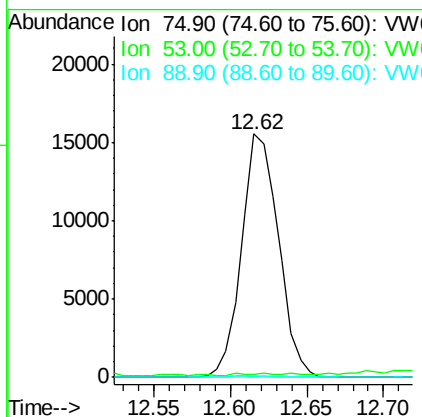
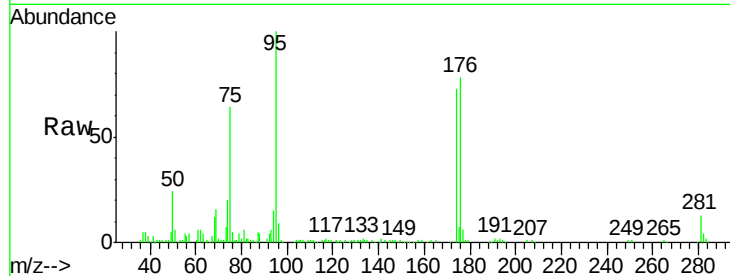




#81
trans-1,4-Dichloro-2-butene
Concen: 169.577 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW008079.D
Acq: 07 Jan 2019 19:28

Instrument :
MSVOA_W
ClientSampleId :
CPSB-1(20-25)

Tot Ion: 75 Resp: 26051
Ion Ratio Lower Upper
75 100
53 0.5 87.6 131.4#
89 0.4 42.2 63.2#



#90
Hexachloroethane
Concen: 1.440 ug/l
RT: 14.11 min Scan# 2002
Delta R.T. 0.01 min
Lab File: VW008079.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 117 Resp: 848
Ion Ratio Lower Upper
117 100
201 0.0 37.1 111.5#

