

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008050.D
 Acq On : 04 Jan 2019 16:23
 Operator : SY/AP
 Sample : K1044-06
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-10(20-25)

Quant Time: Jan 05 00:37:57 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	64902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	86507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	43407	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	41027	57.15	ug/l	0.00
Spiked Amount			Recovery	=	114.30%	
35) Dibromofluoromethane	7.88	113	33980	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
50) Toluene-d8	10.32	98	129134	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.62	95	44709	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	

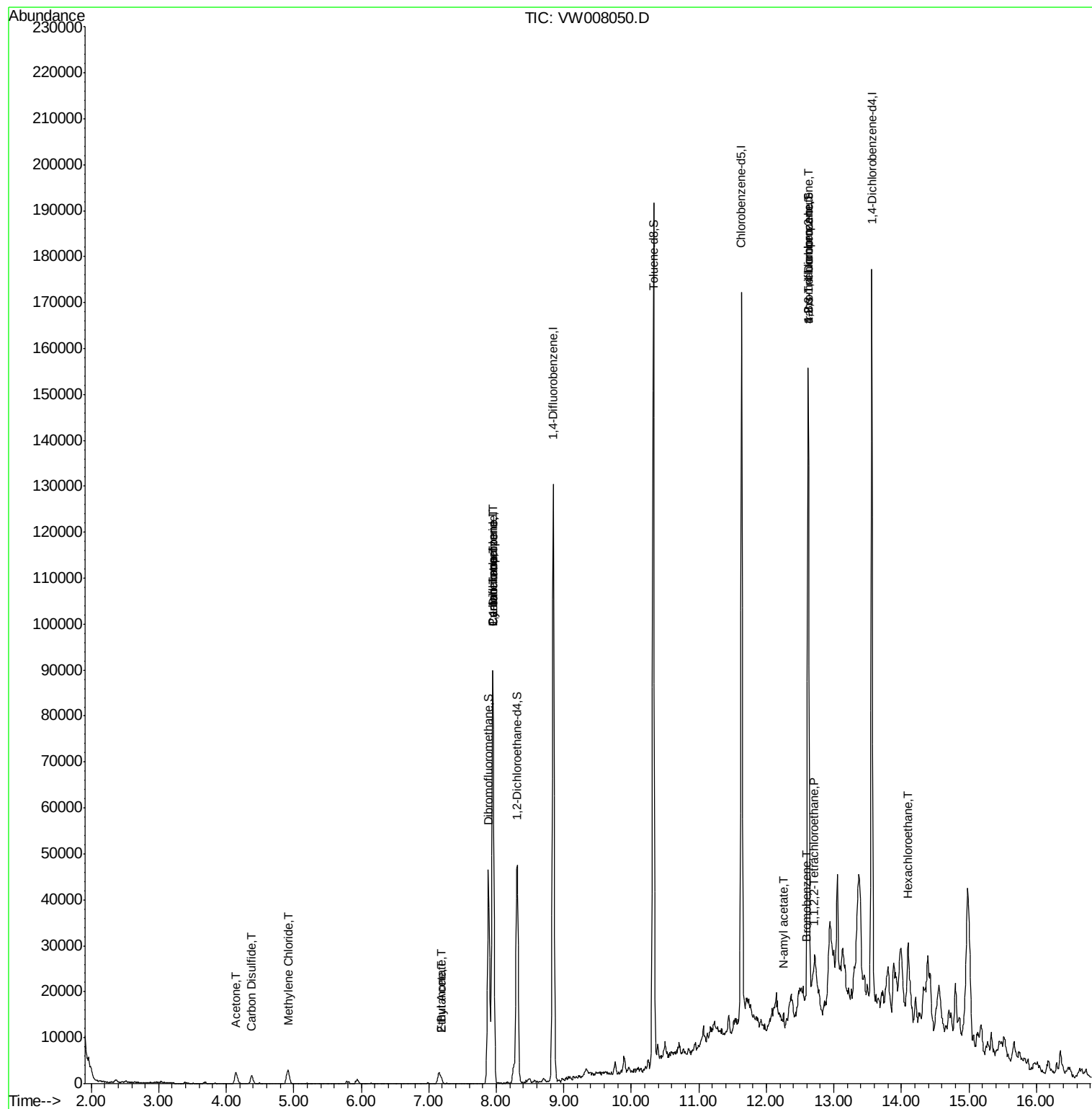
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	4853	43.673	ug/l	96
17) Carbon Disulfide	4.38	76	3704	1.861	ug/l #	87
20) Methylene Chloride	4.92	84	2417	1.208	ug/l #	74
25) 2-Butanone	7.19	43	1720	13.137	ug/l #	80
31) Cyclohexane	7.95	56	1531	1.395	ug/l #	33
36) 1,1-Dichloropropene	7.95	75	4771	4.460	ug/l #	51
37) Ethyl Acetate	7.19	43	1720	5.353	ug/l #	67
38) Carbon Tetrachloride	7.95	117	7174	5.596	ug/l #	15
74) N-amyl acetate	12.26	43	579	1.078	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.69	83	453	1.031	ug/l #	52
76) 1,2,3-Trichloropropane	12.62	75	25379	73.493	ug/l #	1
77) Bromobenzene	12.58	156	1750	2.359	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	25379	173.800	ug/l #	6
90) Hexachloroethane	14.10	117	959	1.714	ug/l #	12

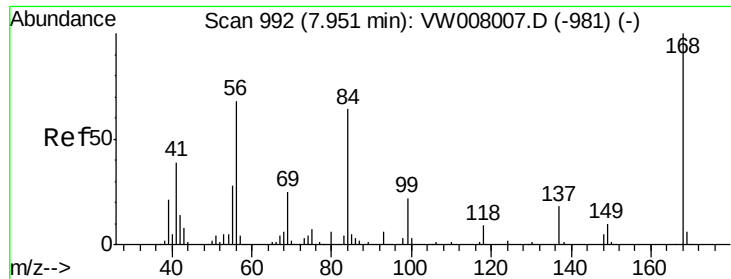
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010419\
Data File : VW008050.D
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Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008050.D

Acq: 04 Jan 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

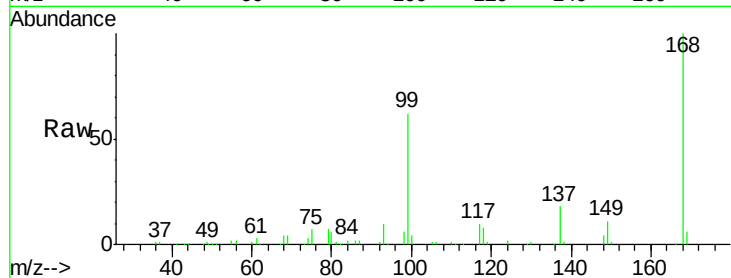
CPSB-10(20-25)

Tot Ion:168 Resp: 64902

Ion Ratio Lower Upper

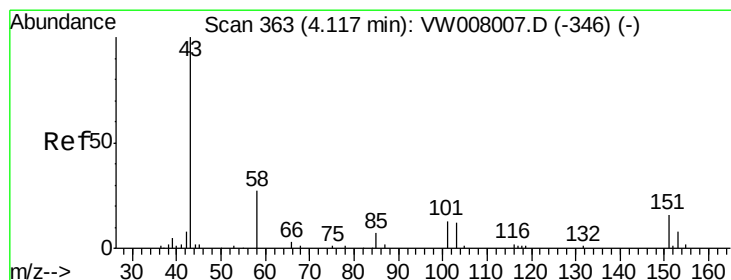
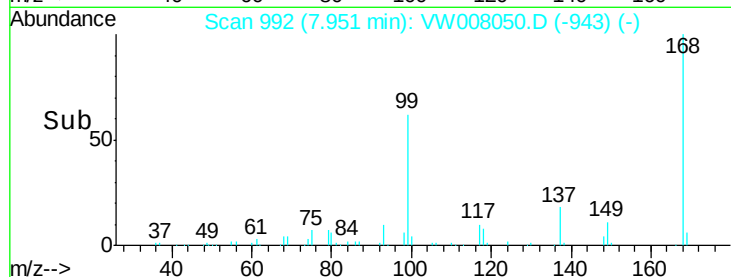
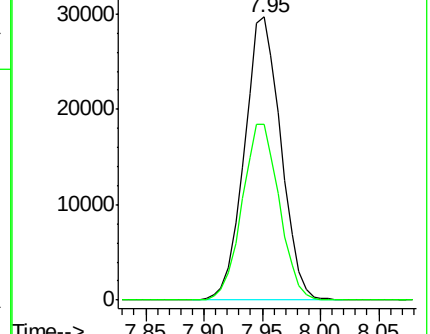
168 100

99 62.2 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: 43.673 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW008050.D

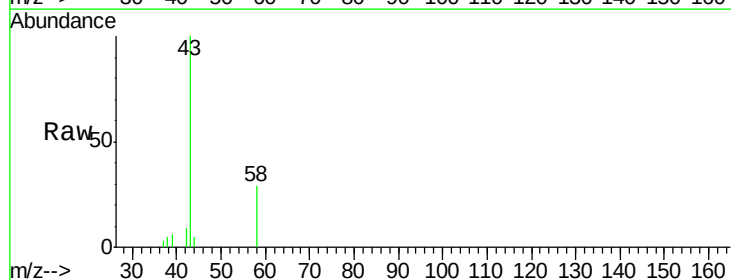
Acq: 04 Jan 2019 16:23

Tgt Ion: 43 Resp: 4853

Ion Ratio Lower Upper

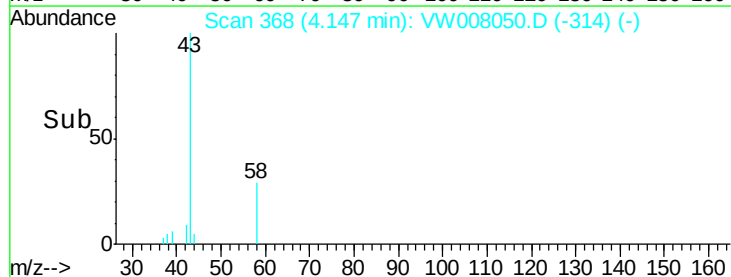
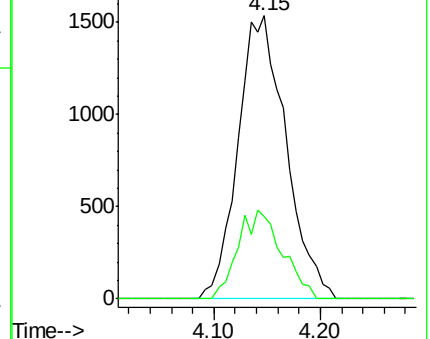
43 100

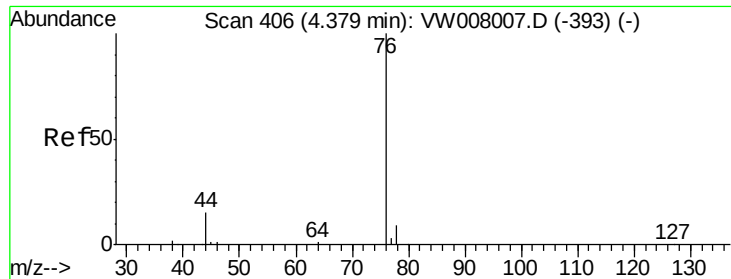
58 29.2 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

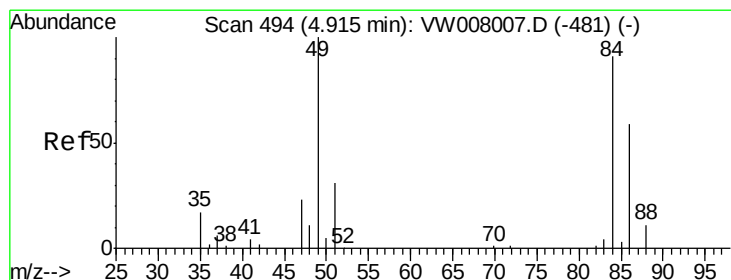
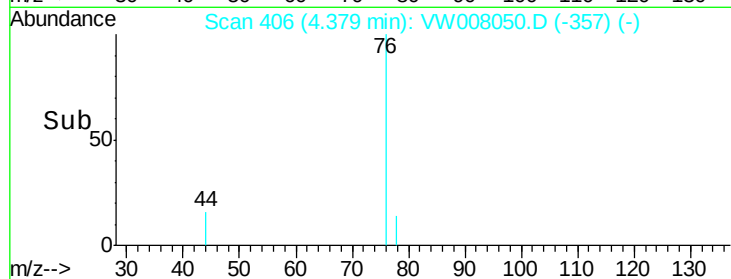
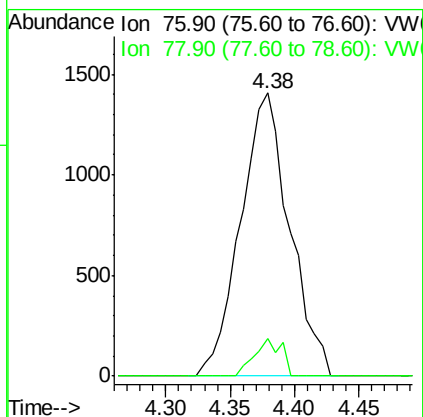
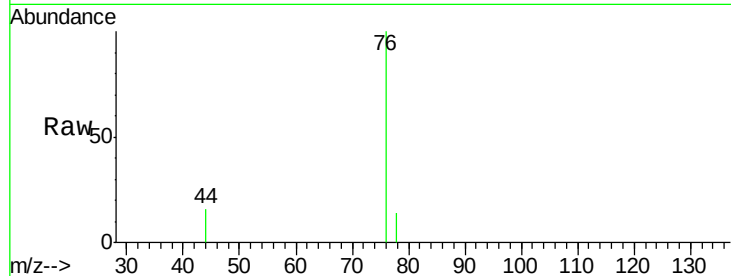




#17
Carbon Disulfide
Concen: 1.861 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW008050.D
Acq: 04 Jan 2019 16:23

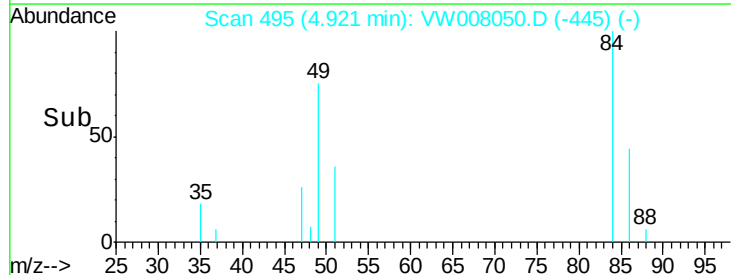
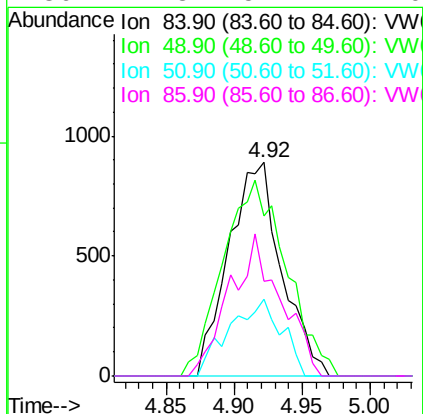
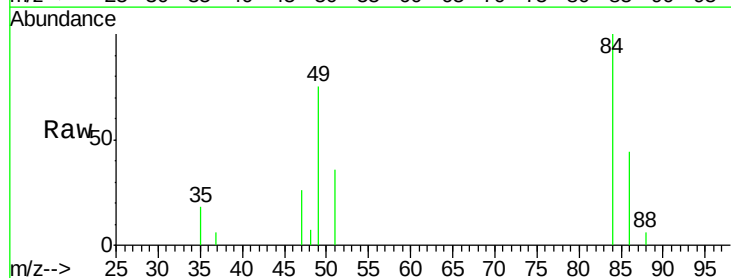
Instrument :
MSVOA_W
ClientSampleId :
CPSB-10(20-25)

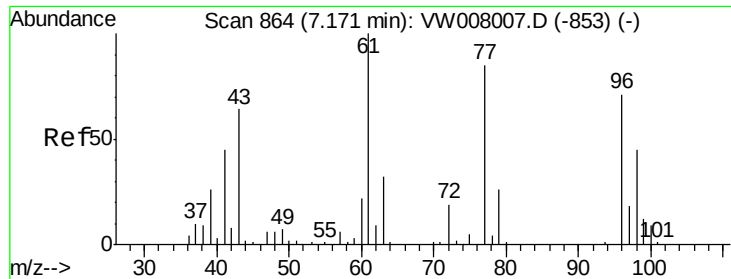
Tot Ion: 76 Resp: 3704
Ion Ratio Lower Upper
76 100
78 13.5 7.0 10.4#



#20
Methylene Chloride
Concen: 1.208 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW008050.D
Acq: 04 Jan 2019 16:23

Tgt Ion: 84 Resp: 2417
Ion Ratio Lower Upper
84 100
49 74.7 87.7 131.5#
51 36.2 27.3 40.9
86 44.3 51.4 77.0#

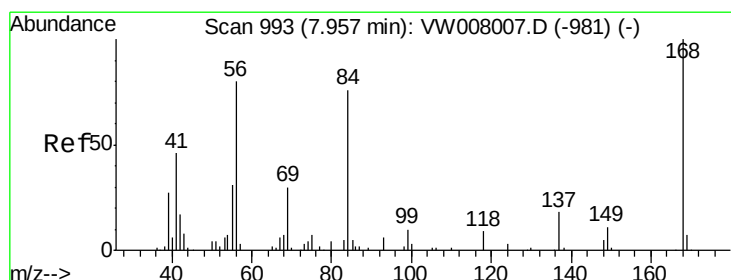
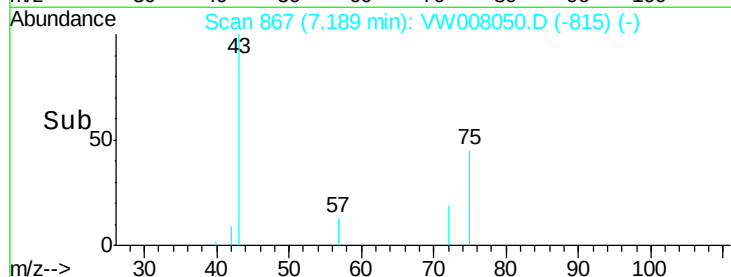
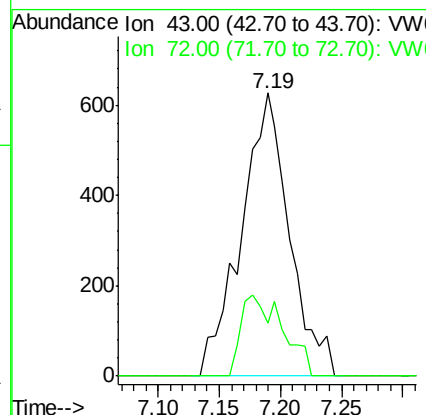
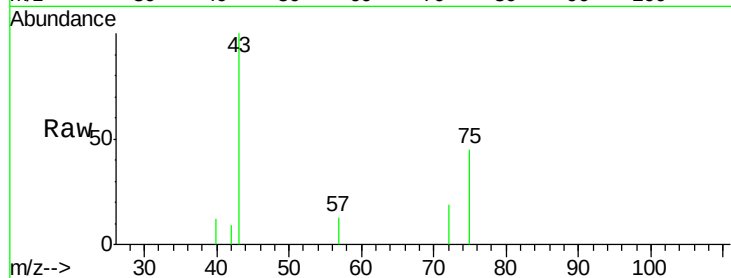




#25
2-Butanone
Concen: 13.137 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW008050.D
Acq: 04 Jan 2019 16:23

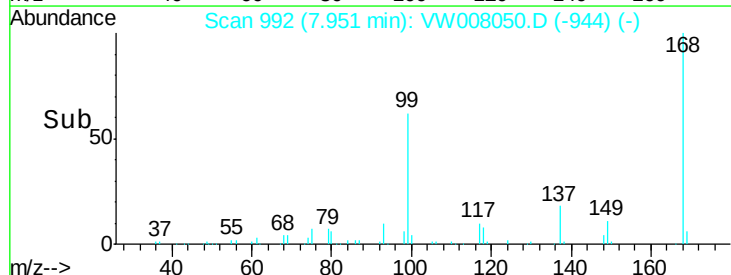
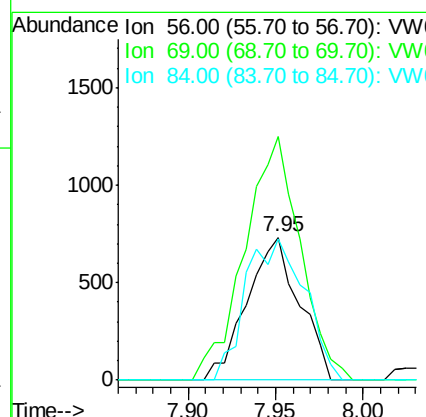
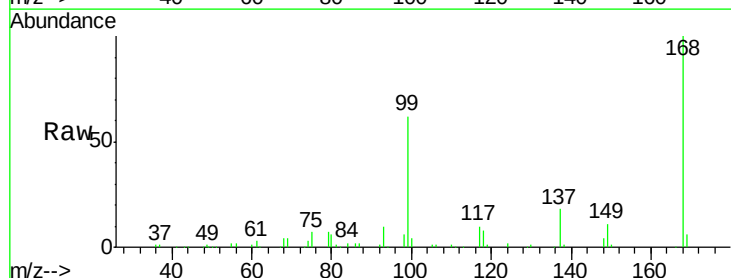
Instrument :
MSVOA_W
ClientSampleId :
CPSB-10(20-25)

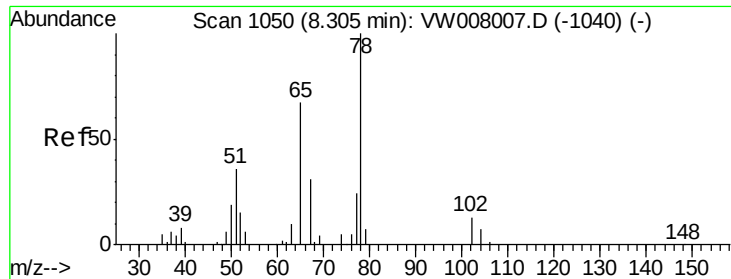
Tot Ion: 43 Resp: 1720
Ion Ratio Lower Upper
43 100
72 18.8 23.8 35.8#



#31
Cyclohexane
Concen: 1.395 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008050.D
Acq: 04 Jan 2019 16:23

Tgt Ion: 56 Resp: 1531
Ion Ratio Lower Upper
56 100
69 170.2 29.8 44.6#
84 99.0 75.2 112.8

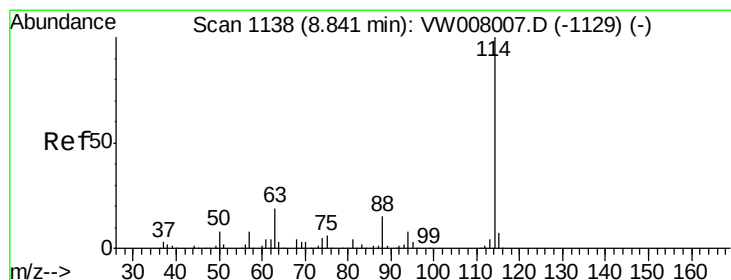
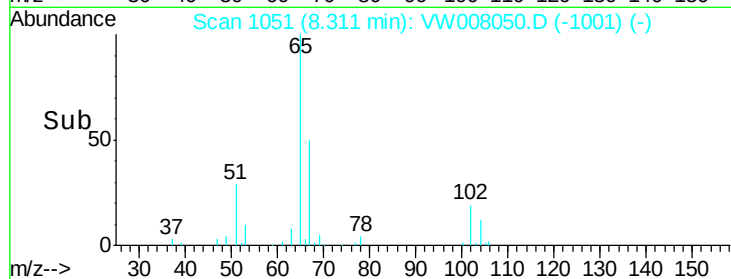
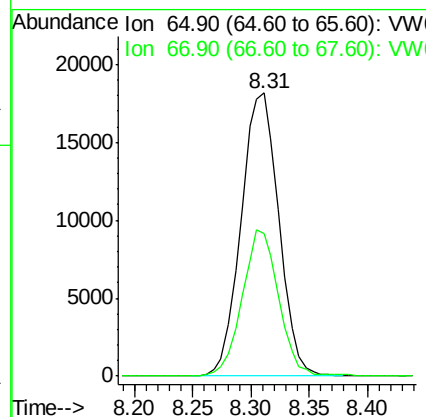
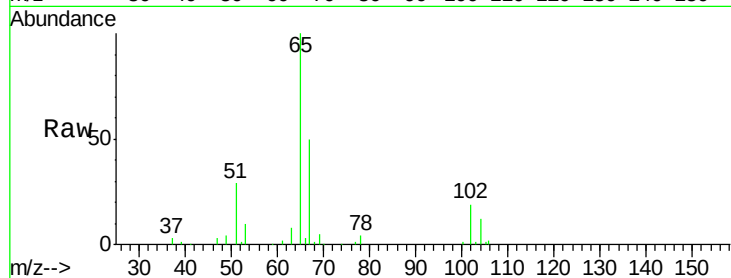




#33
 1,2-Dichloroethane-d4
 Concen: 57.152 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW008050.D
 Acq: 04 Jan 2019 16:23

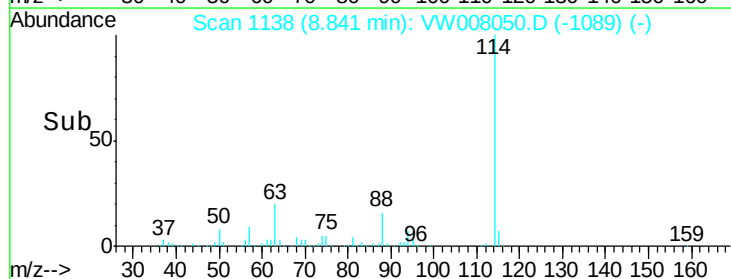
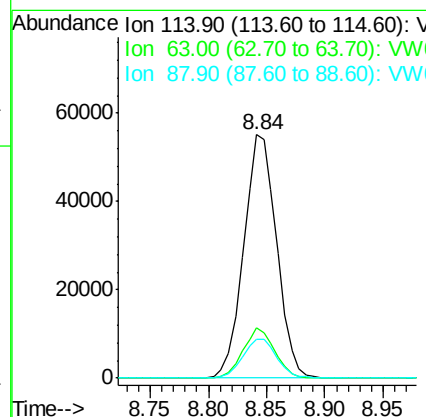
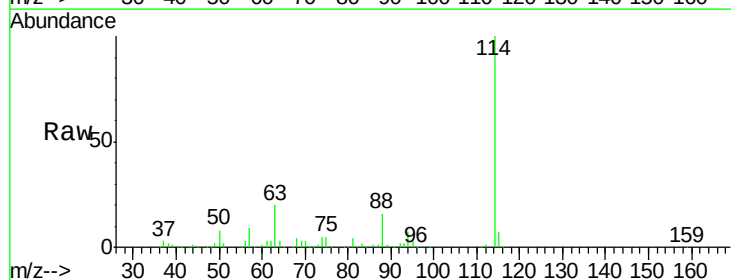
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-10(20-25)

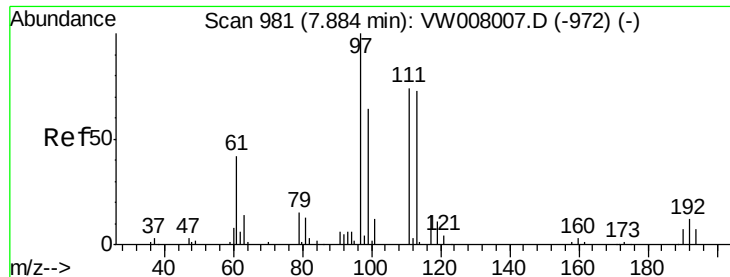
Tot Ion: 65 Resp: 41027
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 94.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008050.D
 Acq: 04 Jan 2019 16:23

Tgt Ion: 114 Resp: 108446
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.8
 88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.704 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008050.D

Acq: 04 Jan 2019 16:23

Instrument :
MSVOA_W
ClientSampleId :
CPSB-10(20-25)

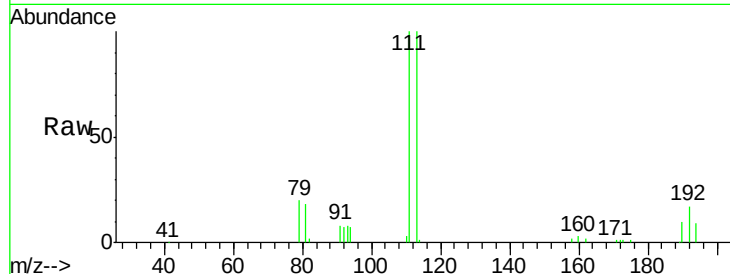
Tot Ion:113 Resp: 33980

Ion Ratio Lower Upper

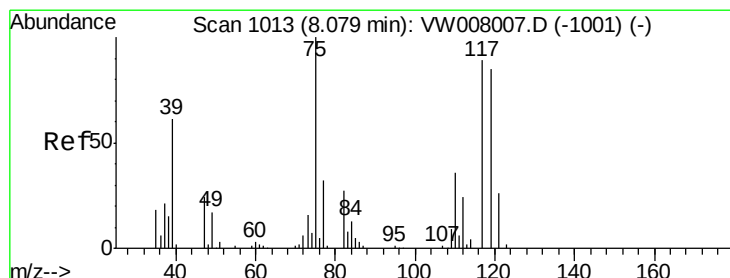
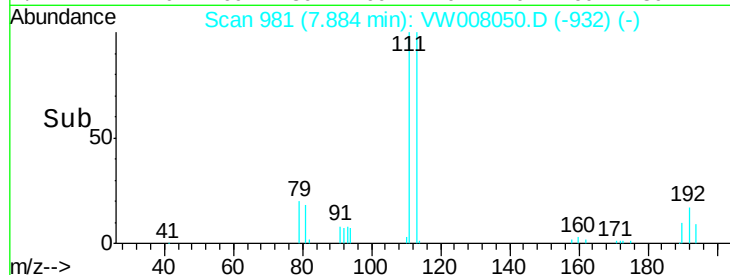
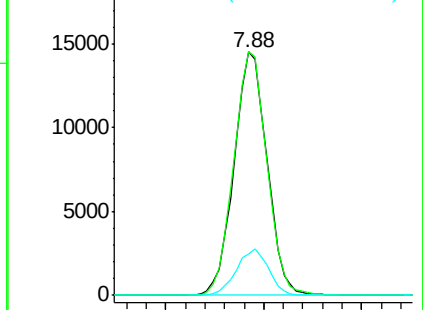
113 100

111 100.6 81.4 122.0

192 18.4 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: 4.460 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW008050.D

Acq: 04 Jan 2019 16:23

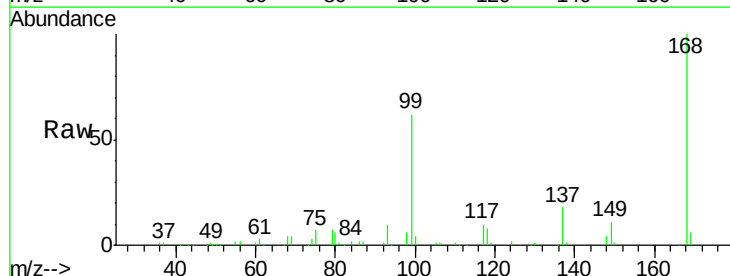
Tgt Ion: 75 Resp: 4771

Ion Ratio Lower Upper

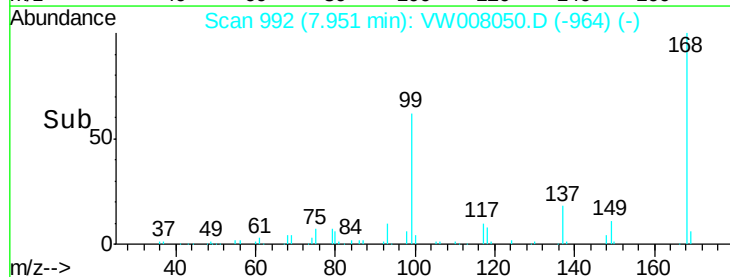
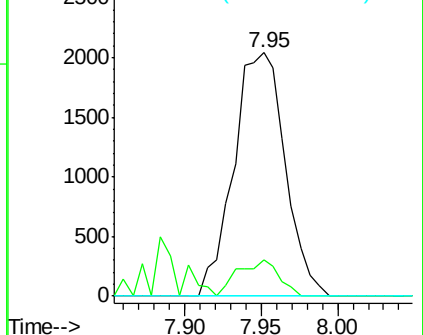
75 100

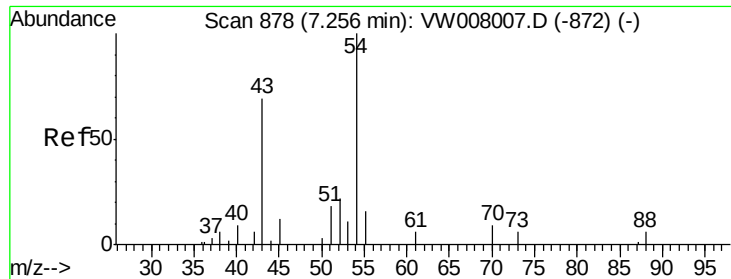
110 11.7 18.1 54.3#

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): V
Ion 76.90 (76.60 to 77.60): VW

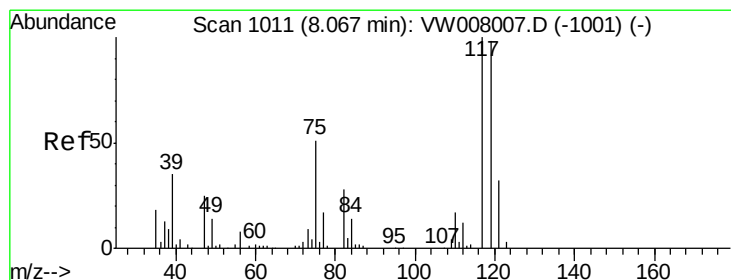
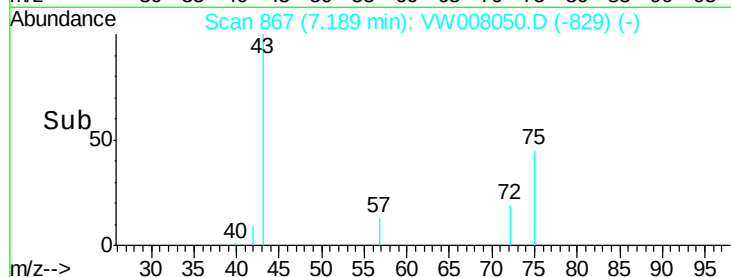
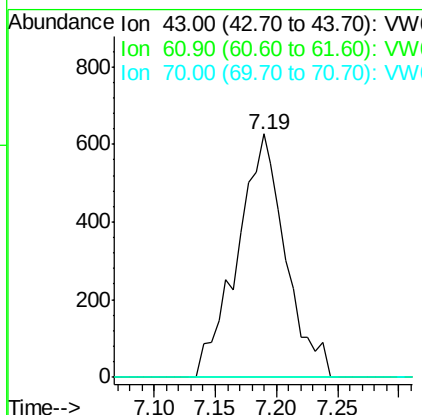
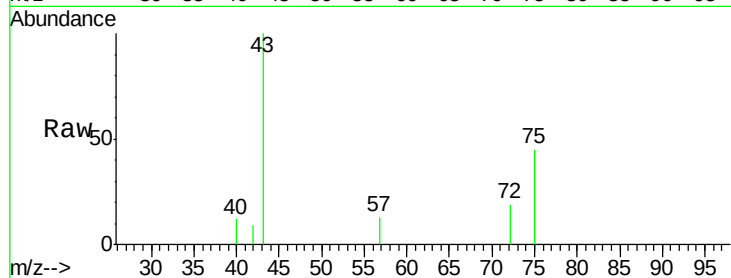




#37
Ethyl Acetate
Concen: 5.353 ug/l
RT: 7.19 min Scan# 867
Delta R.T. -0.07 min
Lab File: VW008050.D
Acq: 04 Jan 2019 16:23

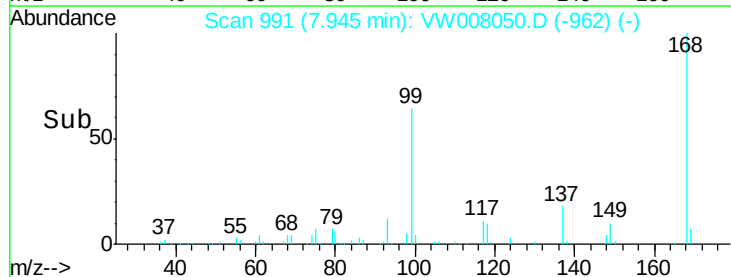
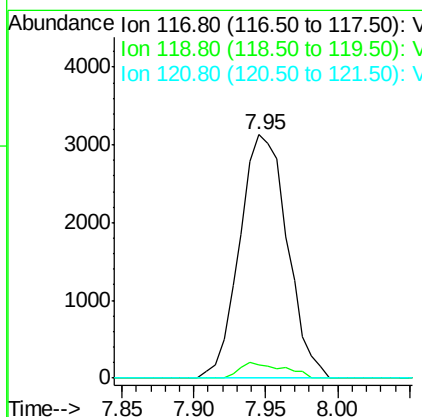
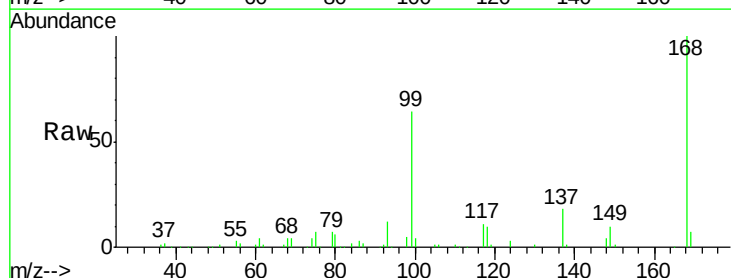
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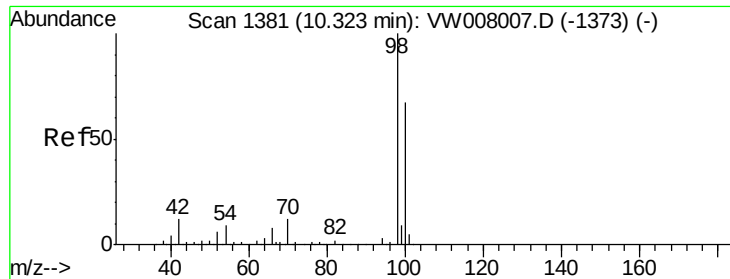
Tot Ion: 43 Resp: 1720
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 0.0 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 5.596 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008050.D
Acq: 04 Jan 2019 16:23

Tgt Ion: 117 Resp: 7174
Ion Ratio Lower Upper
117 100
119 5.5 78.7 118.1#
121 0.0 25.8 38.8#

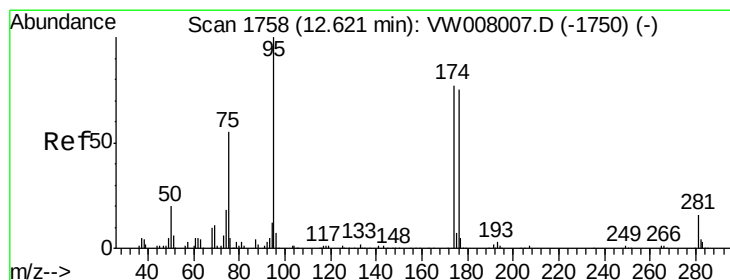
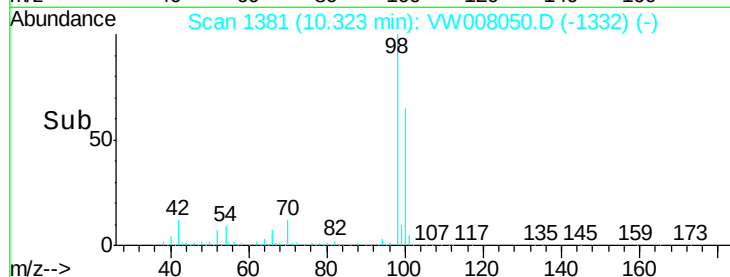
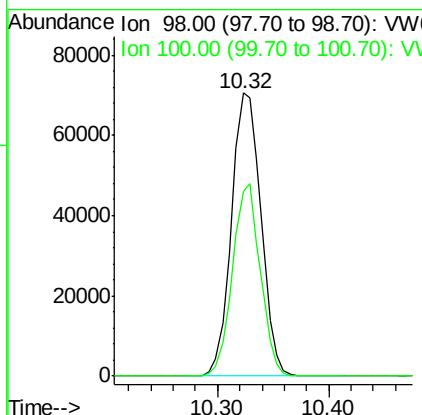
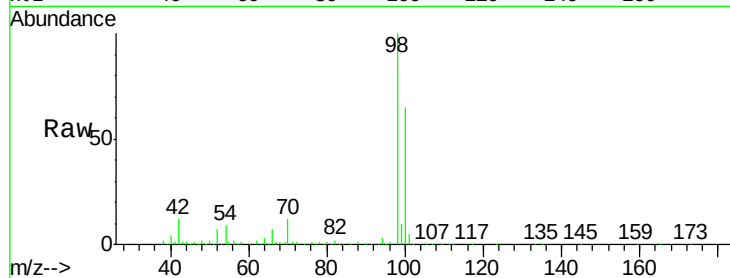




#50
Toluene-d8
Concen: 50.354 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008050.D
Acq: 04 Jan 2019 16:23

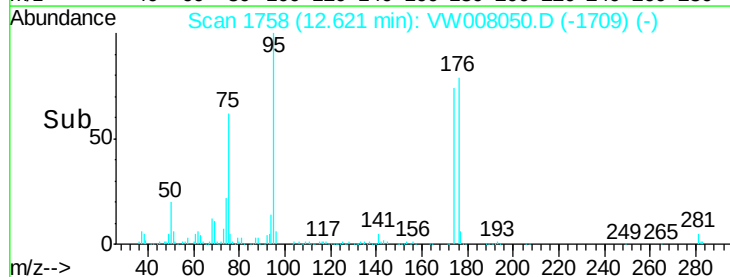
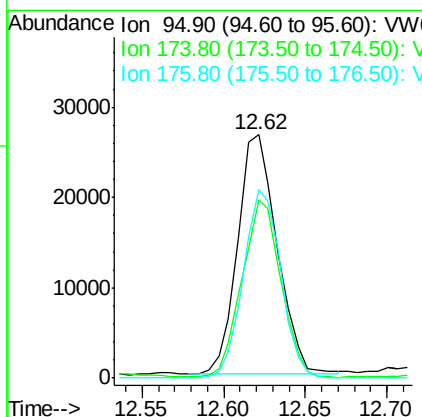
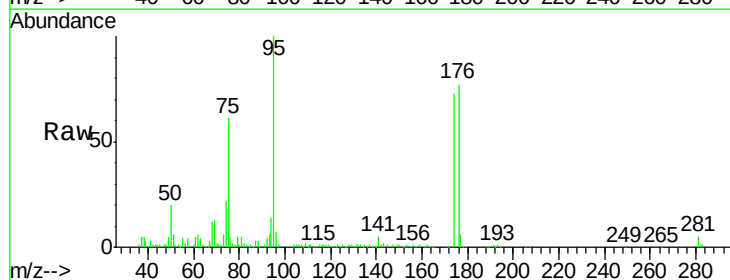
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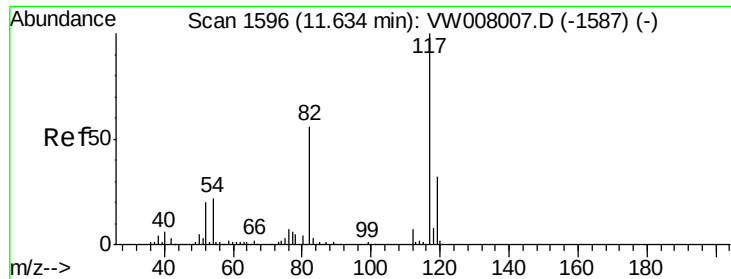
Tot Ion: 98 Resp: 129134
Ion Ratio Lower Upper
98 100
100 63.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 45.458 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008050.D
Acq: 04 Jan 2019 16:23

Tgt Ion: 95 Resp: 44709
Ion Ratio Lower Upper
95 100
174 72.8 0.0 149.6
176 74.7 0.0 145.4

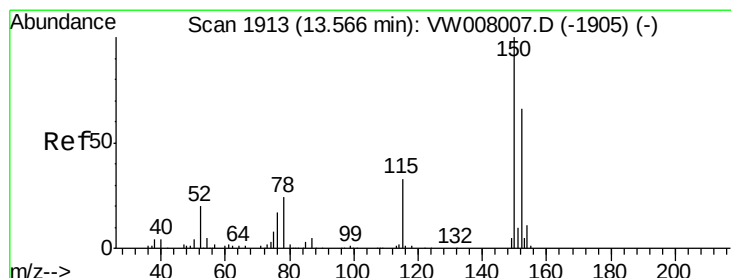
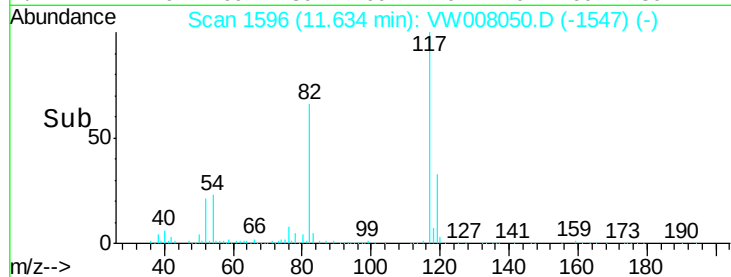
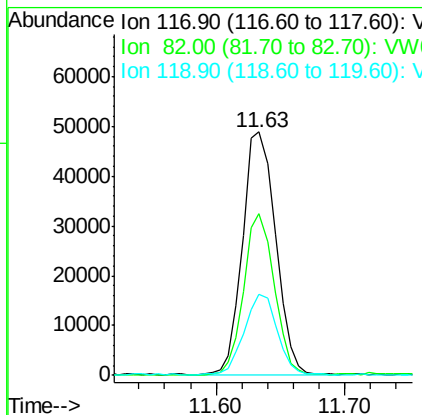
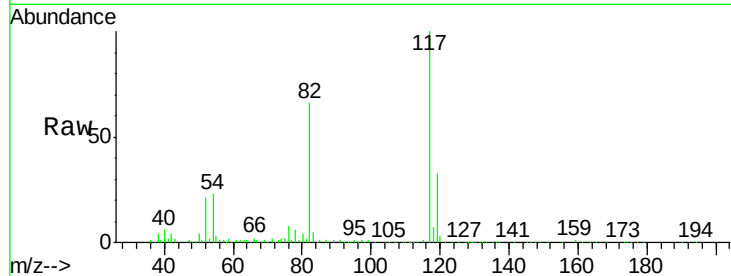




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008050.D
Acq: 04 Jan 2019 16:23

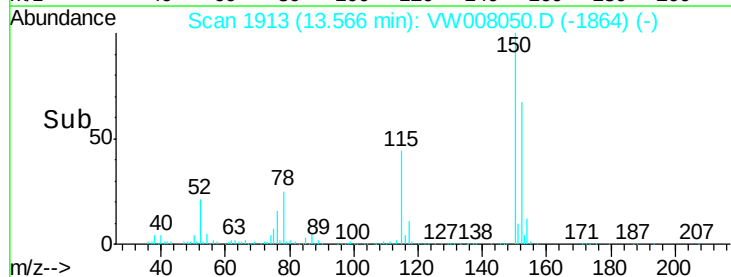
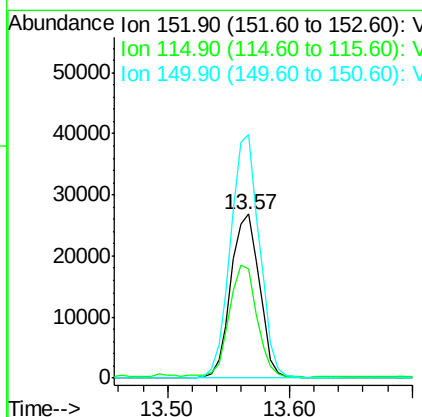
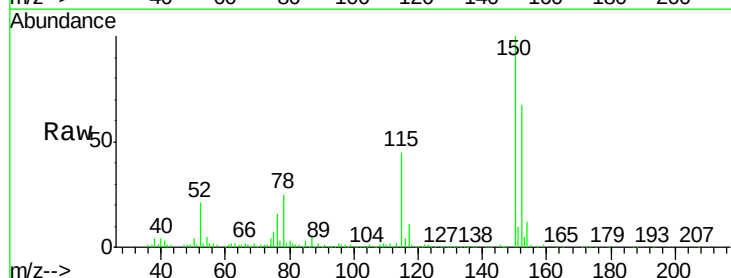
Instrument :
MSVOA_W
ClientSampleId :
CPSB-10(20-25)

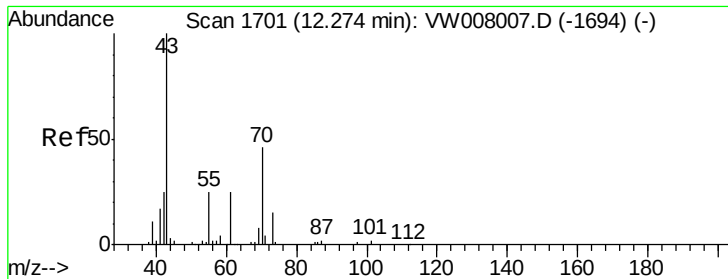
Tot Ion:117 Resp: 86507
Ion Ratio Lower Upper
117 100
82 66.1 44.8 67.2
119 33.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW008050.D
Acq: 04 Jan 2019 16:23

Tgt Ion:152 Resp: 43407
Ion Ratio Lower Upper
152 100
115 66.2 32.1 96.5
150 149.6 0.0 345.0





#74

N-amvl acetate

Concen: 1.078 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.01 min

Lab File: VW008050.D

Acq: 04 Jan 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

CPSB-10(20-25)

Tot Ion: 43 Resp: 579

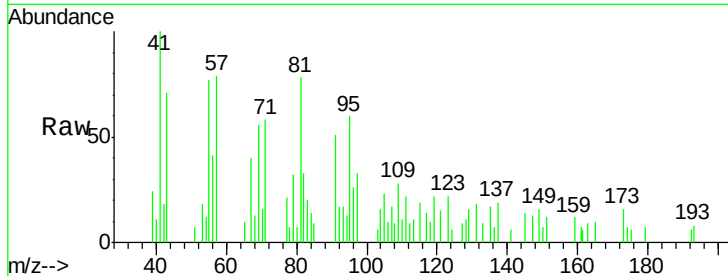
Ion Ratio Lower Upper

43 100

70 19.9 35.2 52.8#

55 42.0 21.4 32.0#

61 0.0 19.4 29.0#

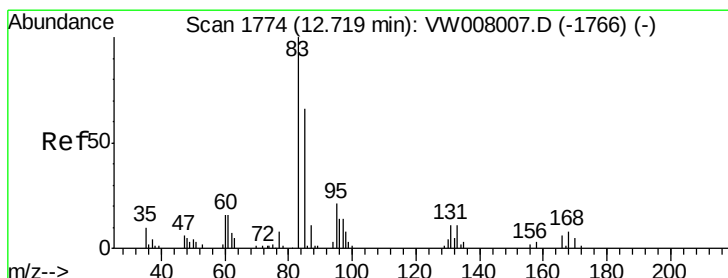
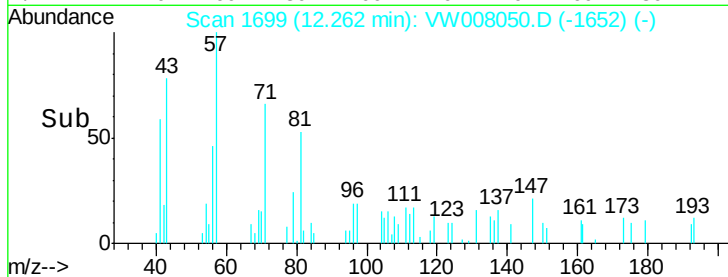
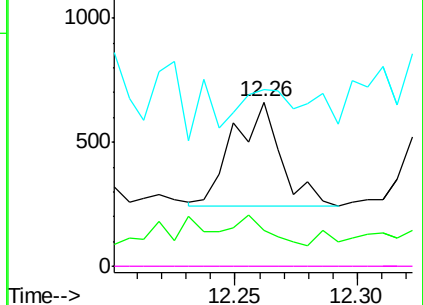


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 1.031 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW008050.D

Acq: 04 Jan 2019 16:23

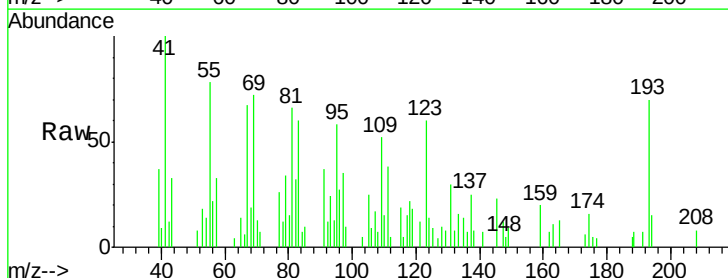
Tgt Ion: 83 Resp: 453

Ion Ratio Lower Upper

83 100

131 110.6 6.5 19.5#

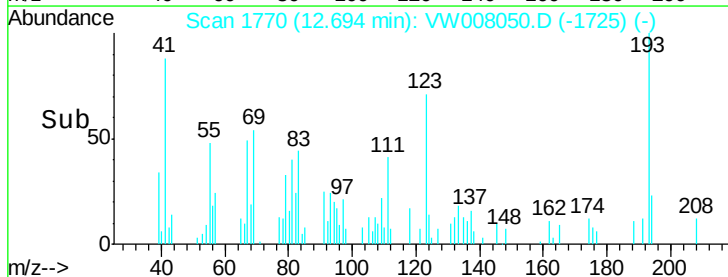
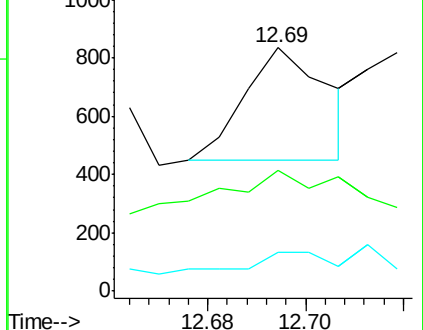
85 58.9 32.8 98.3

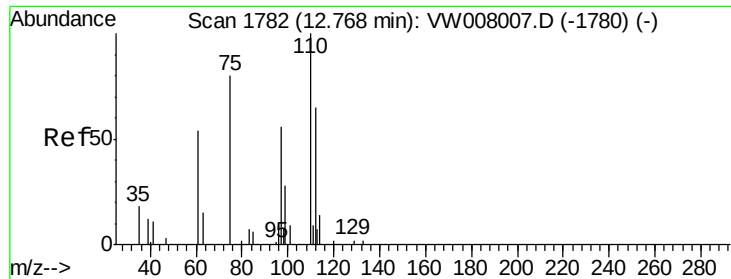


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

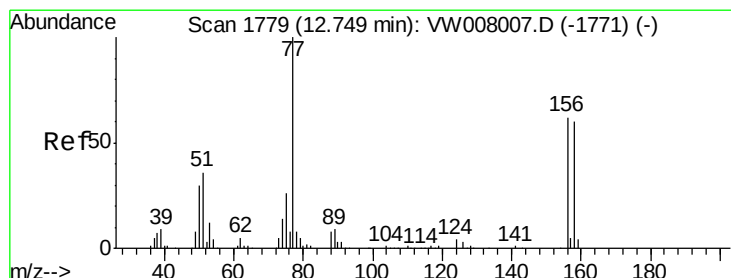
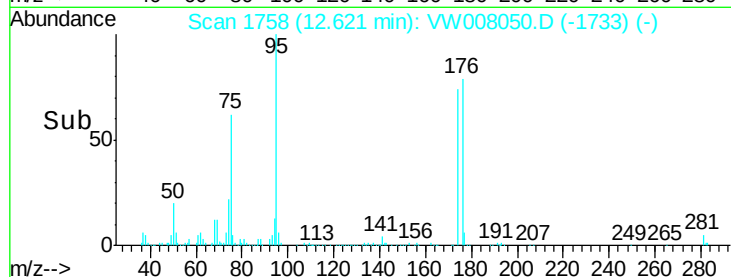
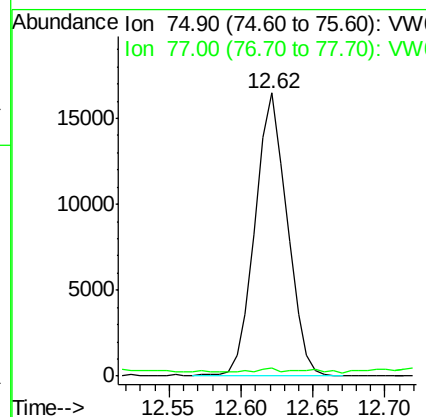
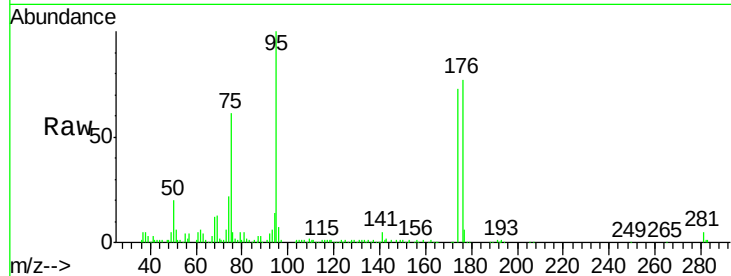




#76
 1,2,3-Trichloropropane
 Concen: 73.493 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008050.D
 Acq: 04 Jan 2019 16:23

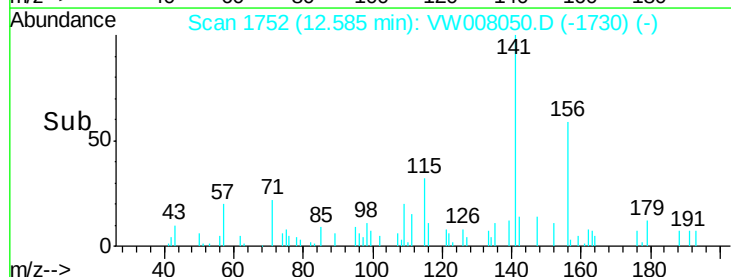
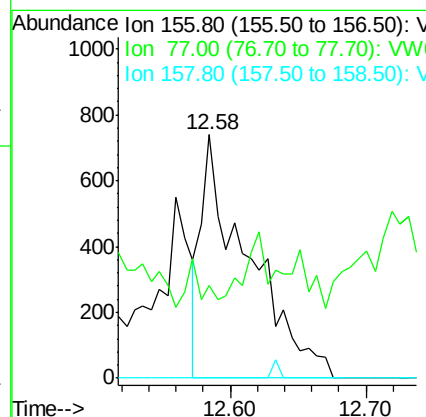
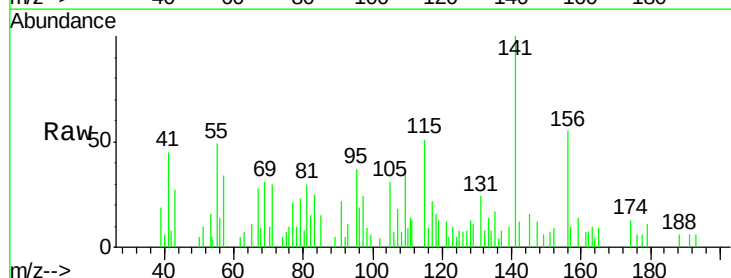
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-10(20-25)

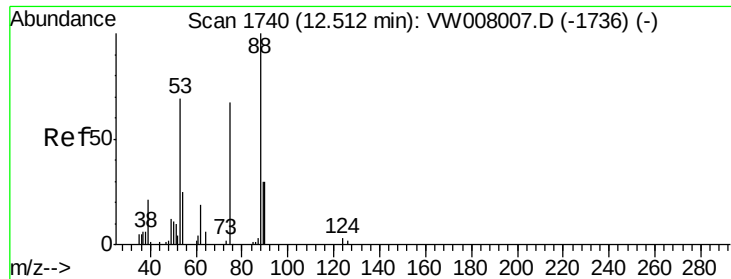
Tot Ion: 75 Resp: 25379
 Ion Ratio Lower Upper
 75 100
 77 1.0 186.2 558.6#



#77
 Bromobenzene
 Concen: 2.359 ug/l
 RT: 12.58 min Scan# 1752
 Delta R.T. -0.16 min
 Lab File: VW008050.D
 Acq: 04 Jan 2019 16:23

Tgt Ion: 156 Resp: 1750
 Ion Ratio Lower Upper
 156 100
 77 6.2 87.9 263.8#
 158 0.0 47.8 143.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 173.800 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008050.D

Acq: 04 Jan 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

CPSB-10(20-25)

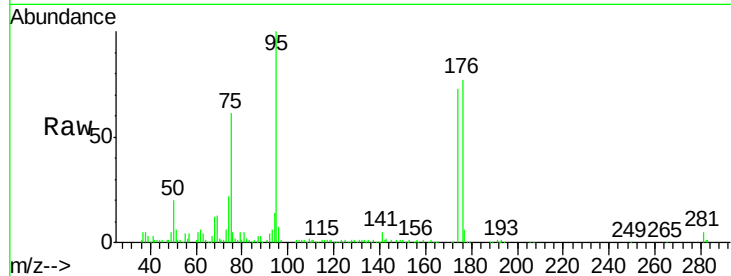
Tot Ion: 75 Resp: 25379

Ion Ratio Lower Upper

75 100

53 0.6 87.6 131.4#

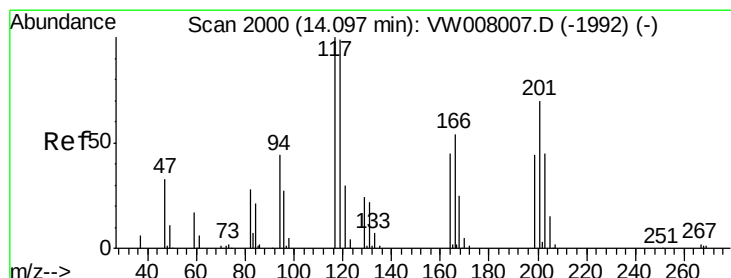
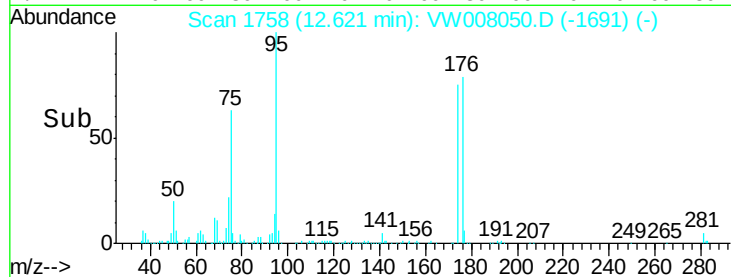
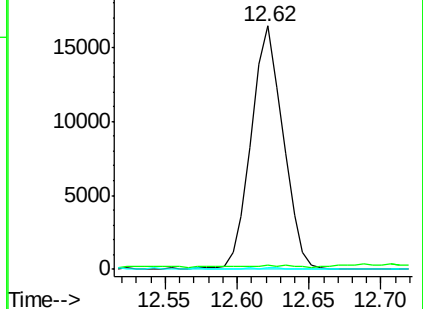
89 0.6 42.2 63.2#



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



#90

Hexachloroethane

Concen: 1.714 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008050.D

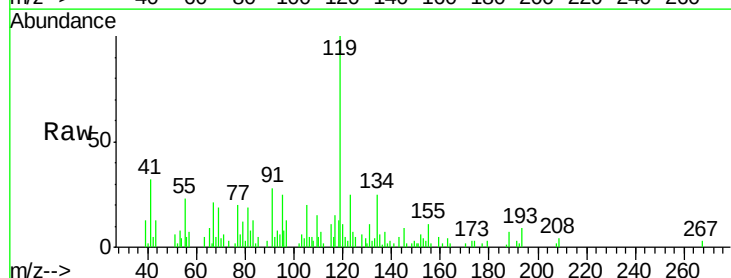
Acq: 04 Jan 2019 16:23

Tgt Ion: 117 Resp: 959

Ion Ratio Lower Upper

117 100

201 0.0 37.1 111.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

