

Data File : VW008158.D
Acq On : 10 Jan 2019 19:28
Operator : SY/AP
Sample : K1088-05
Misc : 5.09G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(20-25)

Quant Time: Jan 11 05:14:27 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	97083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	176130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	165875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	57517	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
35) Dibromofluoromethane	7.88	113	53671	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	10.32	98	229016	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.62	95	79955	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

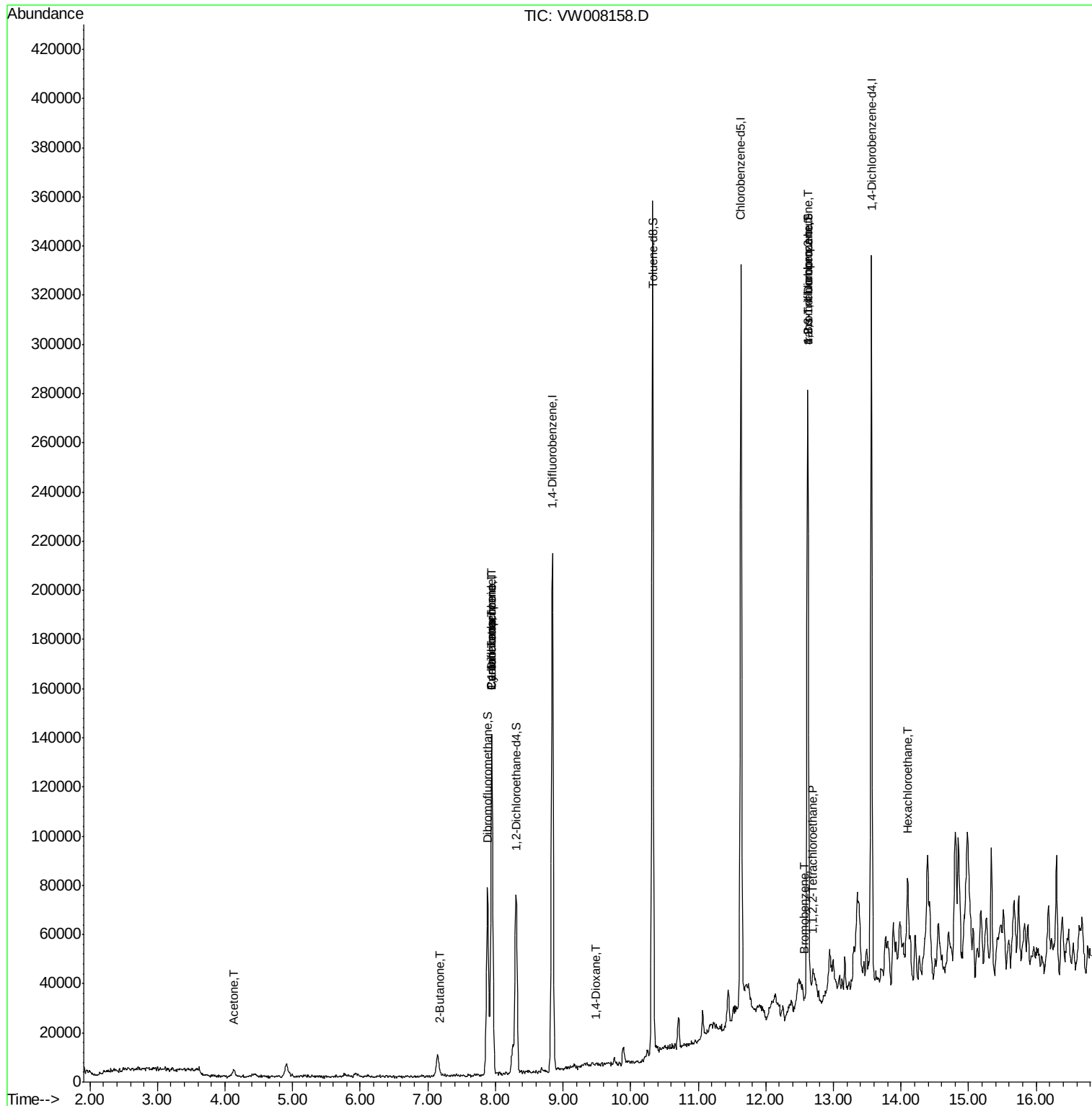
						Qvalue
11) Tert butyl alcohol	5.26	59	42	Below Cal	#	100
13) Acrolein	3.90	56	47	Below Cal	#	1
16) Acetone	4.12	43	5677	8.516	ug/l #	84
20) Methylene Chloride	4.91	84	4143	Below Cal		90
25) 2-Butanone	7.18	43	860	2.833	ug/l #	88
31) Cyclohexane	7.95	56	2432	1.059	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	8588	4.733	ug/l #	51
38) Carbon Tetrachloride	7.95	117	10280	6.191	ug/l #	17
49) 1,4-Dioxane	9.48	88	58	6.019	ug/l #	11
75) 1,1,2,2-Tetrachloroethane	12.68	83	1158	1.236	ug/l #	4
76) 1,2,3-Trichloropropane	12.62	75	40799	60.036	ug/l #	1
77) Bromobenzene	12.57	156	2582	2.088	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	40799	139.805	ug/l #	10
90) Hexachloroethane	14.10	117	1664	1.830	ug/l #	17

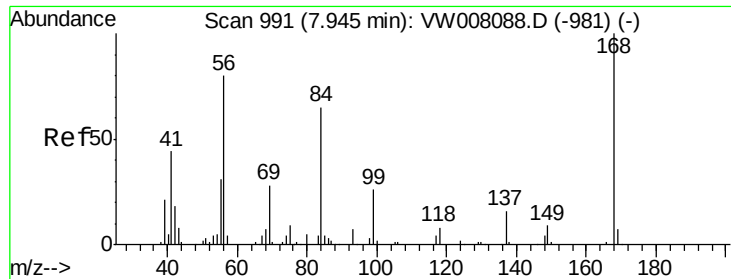
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008158.D

Acq: 10 Jan 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

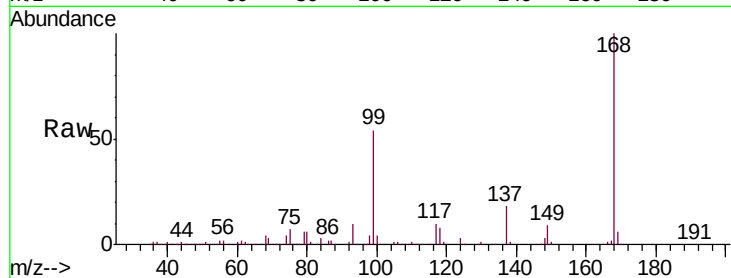
CPSB-04(20-25)

Tgt Ion:168 Resp: 97083

Ion Ratio Lower Upper

168 100

99 54.4 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

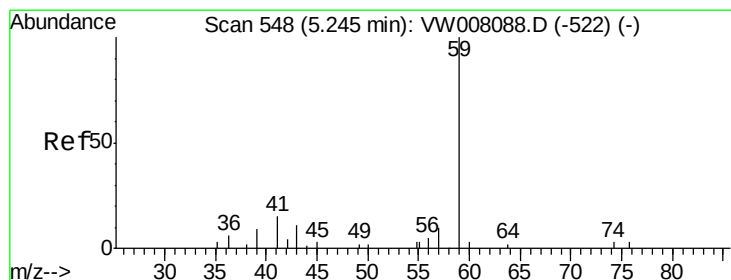
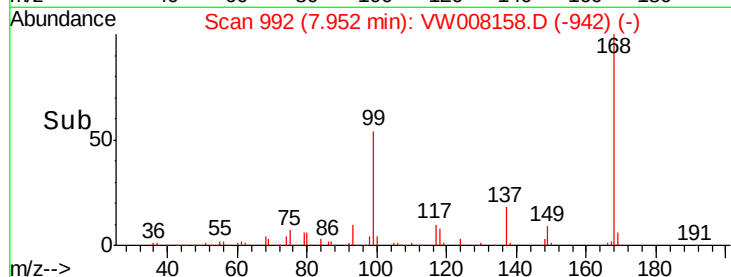
20000

10000

0

Time-->

7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.26 min Scan# 550

Delta R.T. 0.01 min

Lab File: VW008158.D

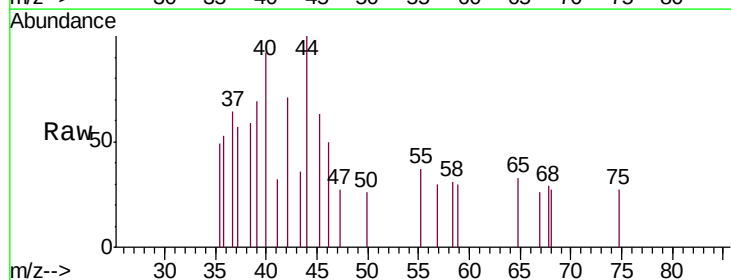
Acq: 10 Jan 2019 19:28

Tgt Ion: 59 Resp: 42

Ion Ratio Lower Upper

59 100

57 100.0 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.26

60

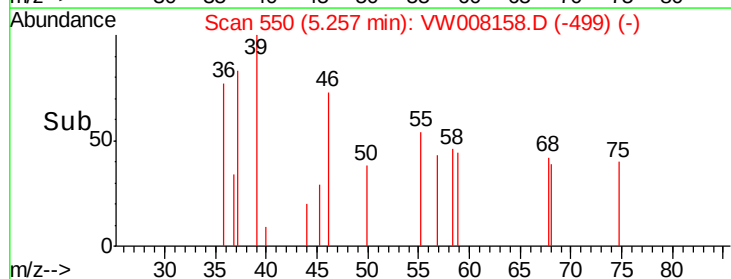
40

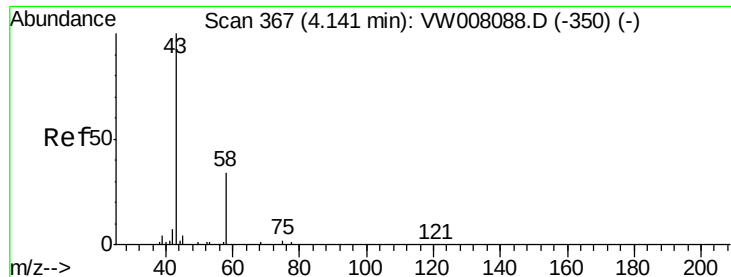
20

0

Time-->

5.25 5.26 5.27

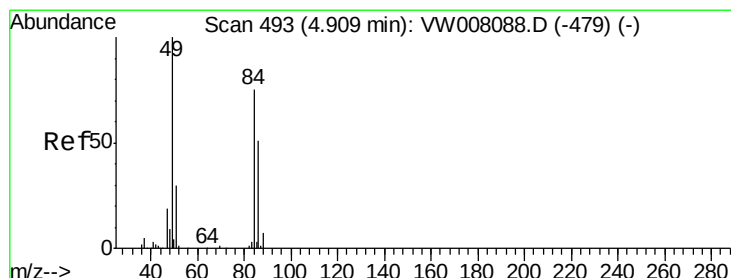
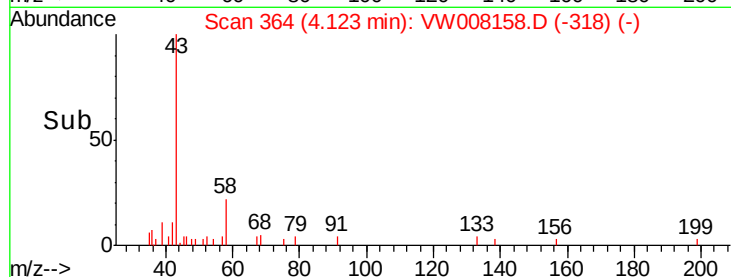
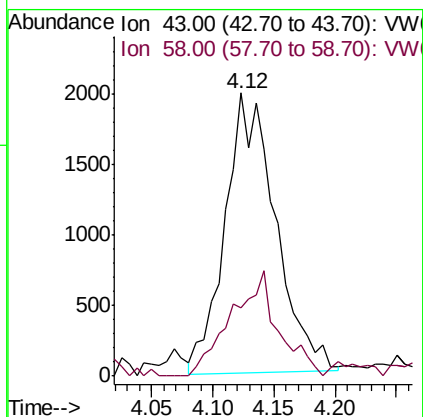
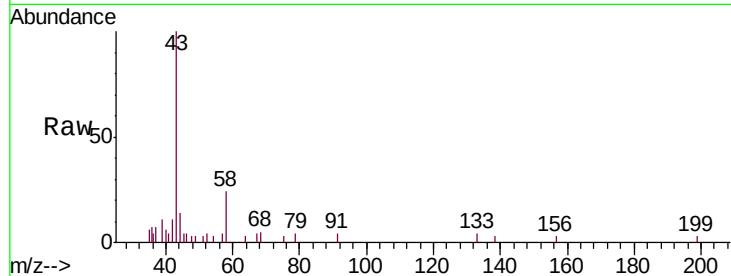




#16
Acetone
Concen: 8.516 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.02 min
Lab File: VW008158.D
Acq: 10 Jan 2019 19:28

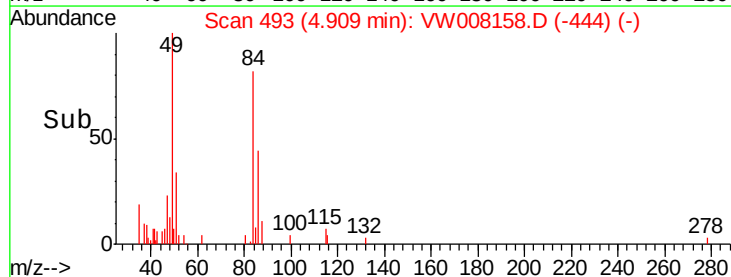
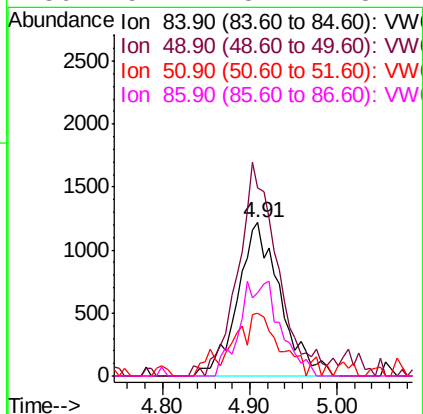
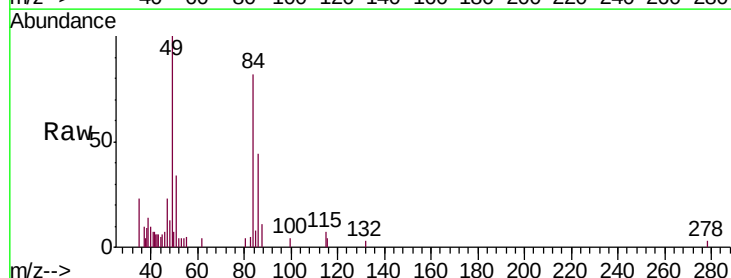
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(20-25)

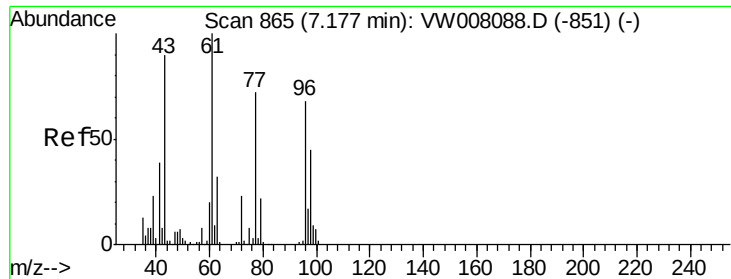
Tgt Ion: 43 Resp: 5677
Ion Ratio Lower Upper
43 100
58 25.2 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008158.D
Acq: 10 Jan 2019 19:28

Tgt Ion: 84 Resp: 4143
Ion Ratio Lower Upper
84 100
49 122.7 107.1 160.7
51 41.4 32.4 48.6
86 54.4 54.2 81.4





#25

2-Butanone

Concen: 2.833 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW008158.D

Acq: 10 Jan 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

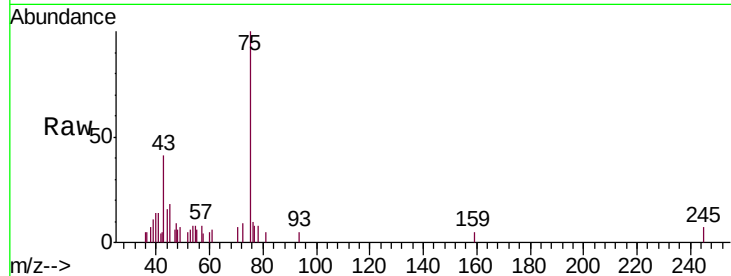
CPSB-04(20-25)

Tgt Ion: 43 Resp: 860

Ion Ratio Lower Upper

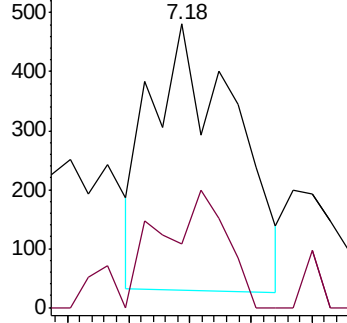
43 100

72 31.5 20.5 30.7#

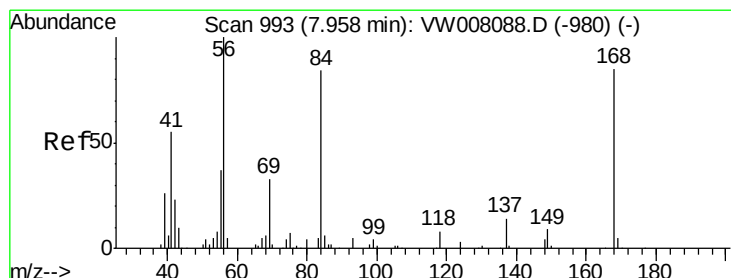
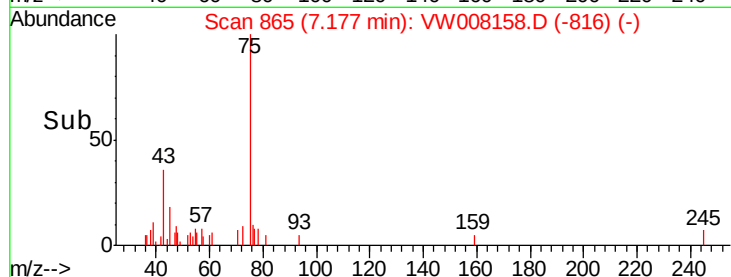


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#31

Cyclohexane

Concen: 1.059 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008158.D

Acq: 10 Jan 2019 19:28

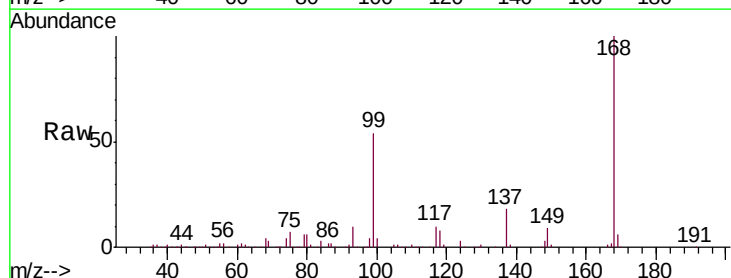
Tgt Ion: 56 Resp: 2432

Ion Ratio Lower Upper

56 100

69 141.7 26.2 39.4#

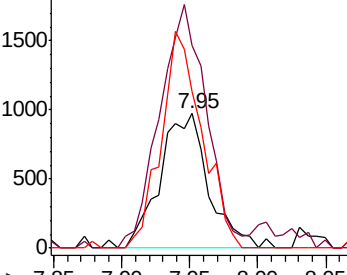
84 116.2 67.4 101.2#



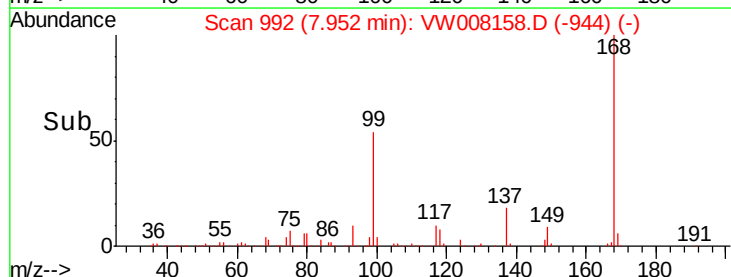
Abundance Ion 56.00 (55.70 to 56.70): VW

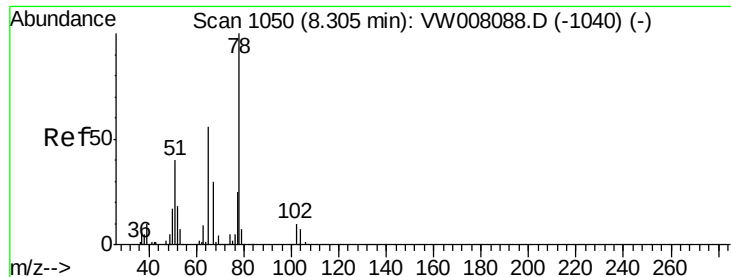
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



Time-->

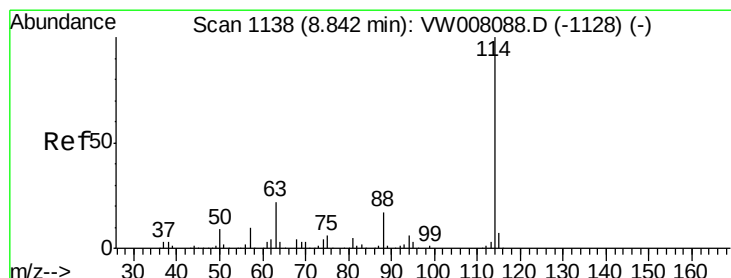
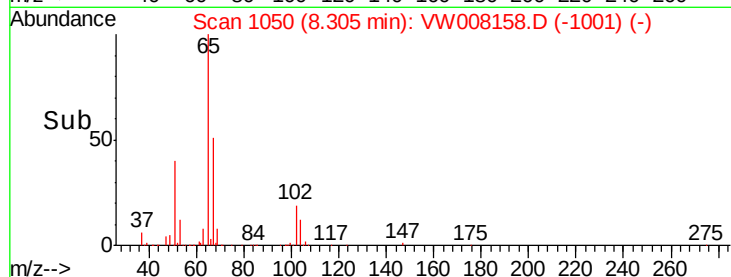
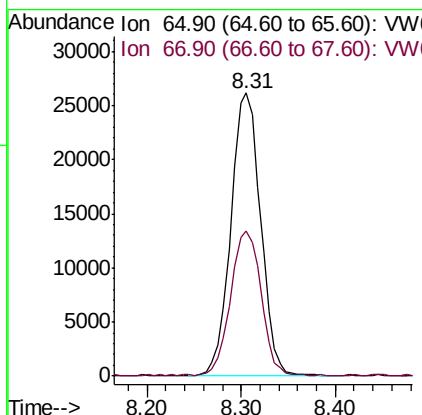
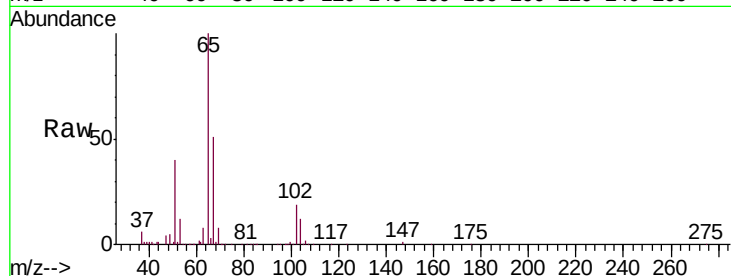




#33
 1,2-Dichloroethane-d4
 Concen: 52.713 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008158.D
 Acq: 10 Jan 2019 19:28

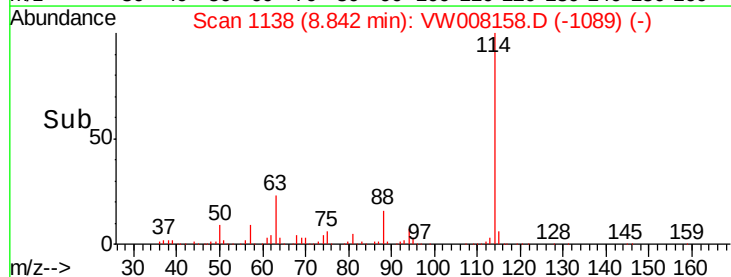
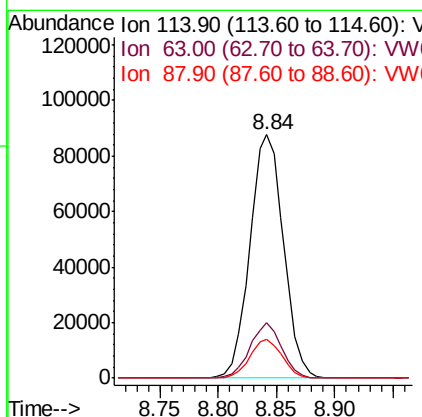
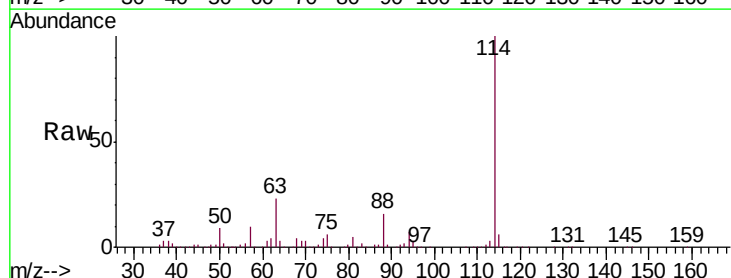
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-04(20-25)

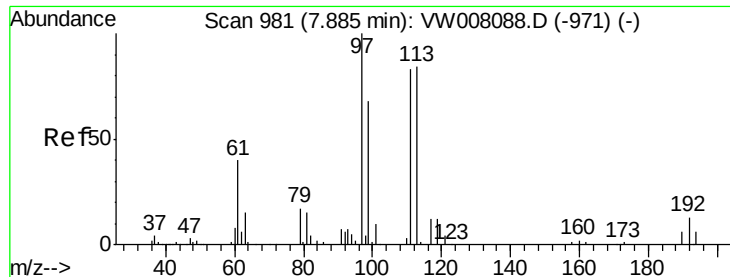
Tgt Ion: 65 Resp: 57517
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008158.D
 Acq: 10 Jan 2019 19:28

Tgt Ion: 114 Resp: 176130
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.247 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008158.D

Acq: 10 Jan 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(20-25)

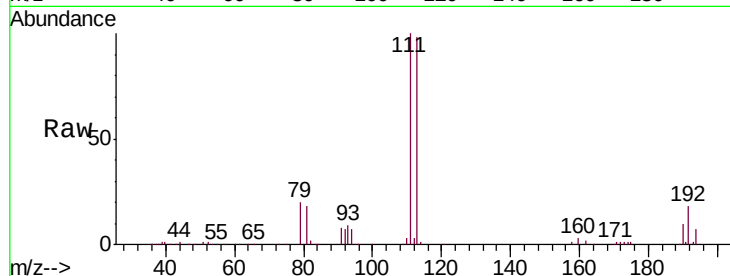
Tgt Ion:113 Resp: 53671

Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.8

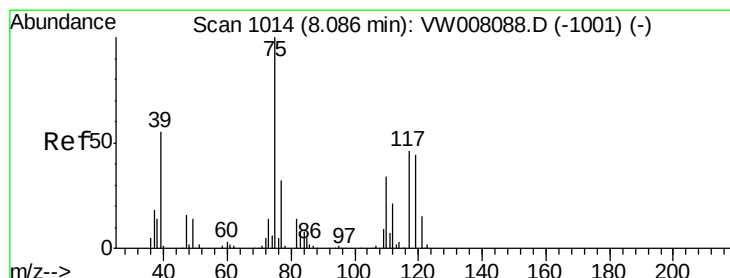
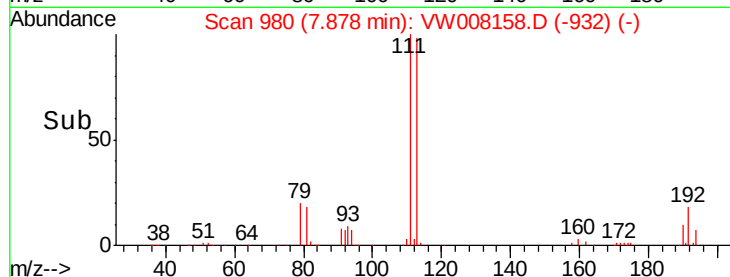
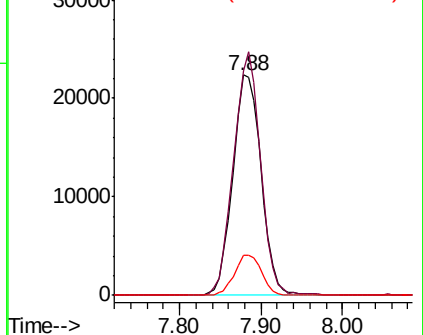
192 17.6 12.8 19.2



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: 4.733 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW008158.D

Acq: 10 Jan 2019 19:28

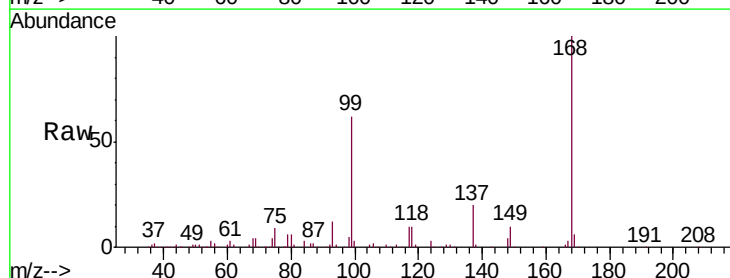
Tgt Ion: 75 Resp: 8588

Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.3#

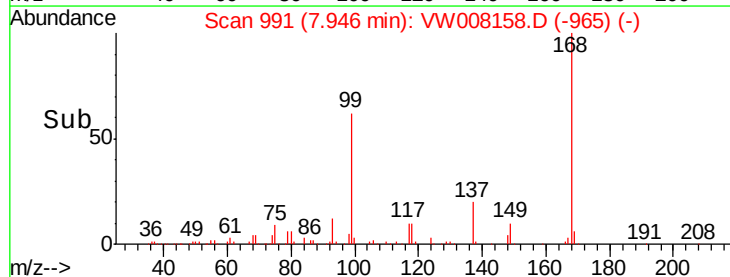
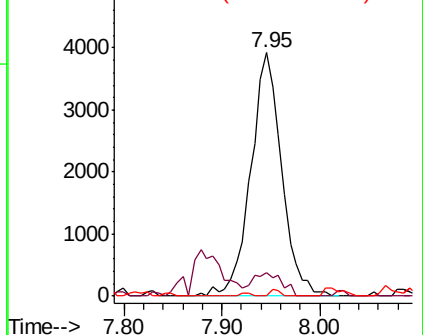
77 0.8 25.5 38.3#

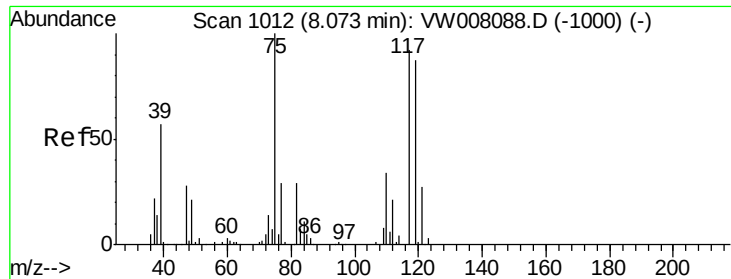


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

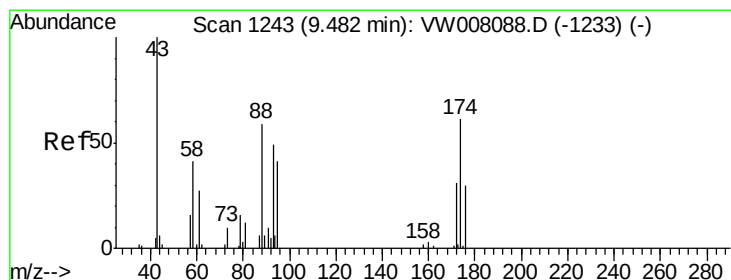
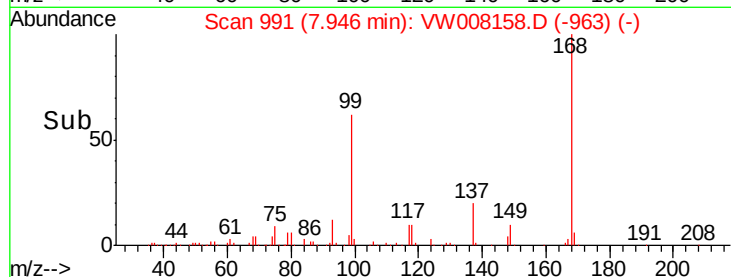
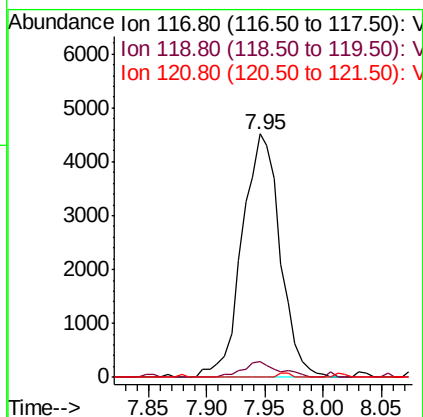
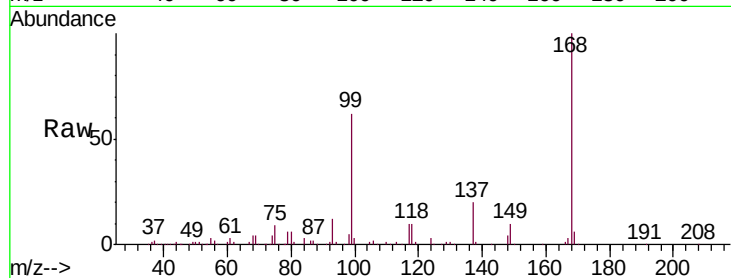




#38
Carbon Tetrachloride
Concen: 6.191 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008158.D
Acq: 10 Jan 2019 19:28

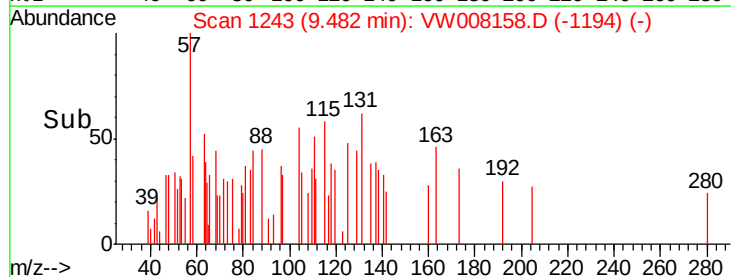
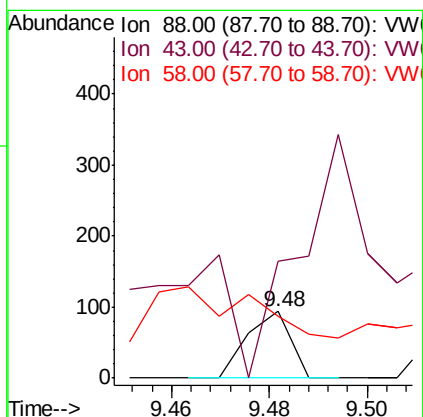
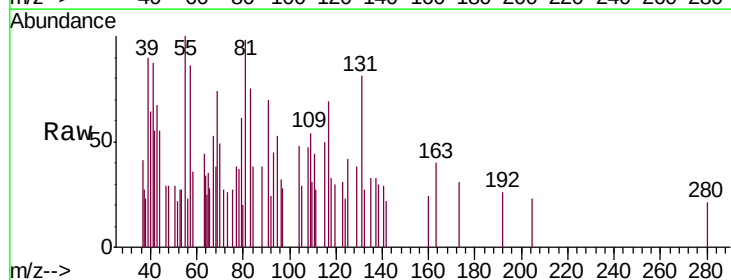
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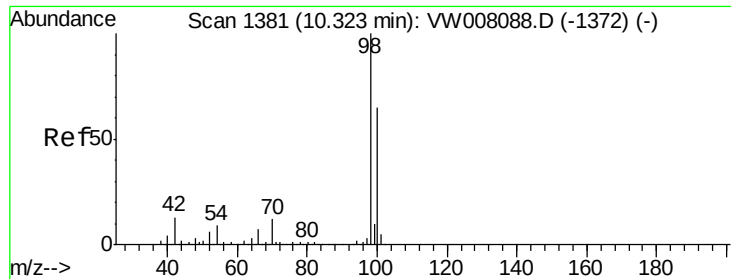
Tgt Ion: 117 Resp: 10280
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.8#
121 0.0 23.7 35.5#



#49
1,4-Dioxane
Concen: 6.019 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VW008158.D
Acq: 10 Jan 2019 19:28

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 624.1 0.0 0.0#
58 0.0 61.7 92.5#

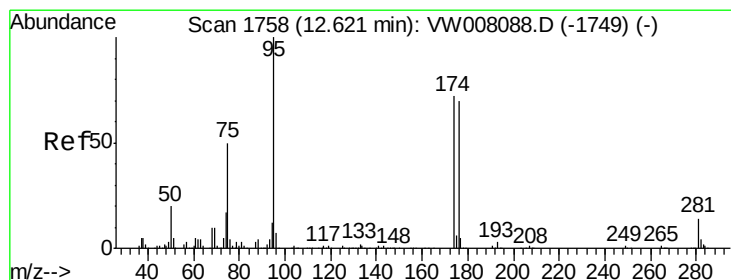
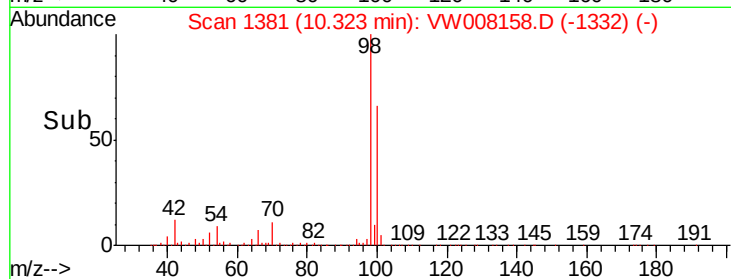
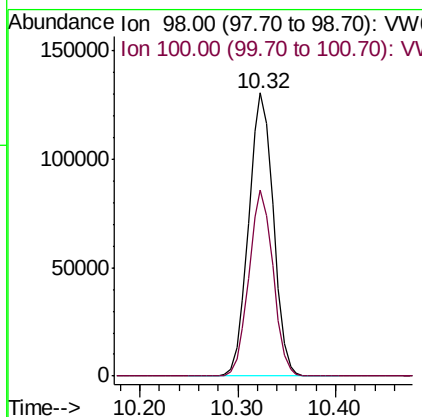
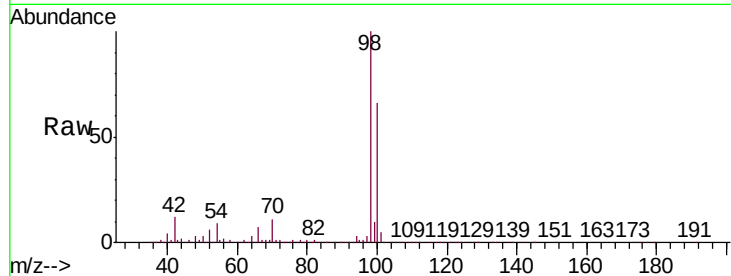




#50
Toluene-d8
Concen: 53.126 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008158.D
Acq: 10 Jan 2019 19:28

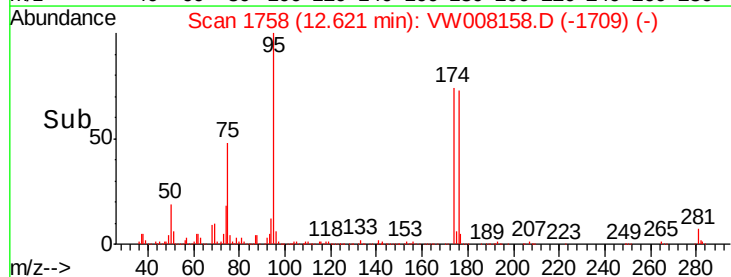
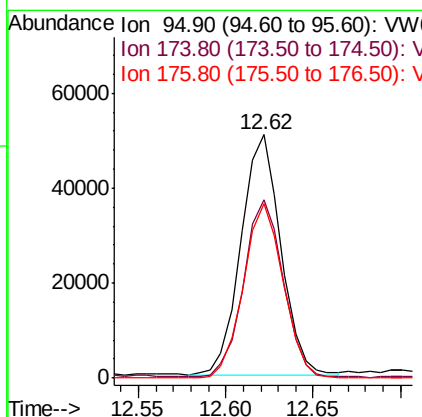
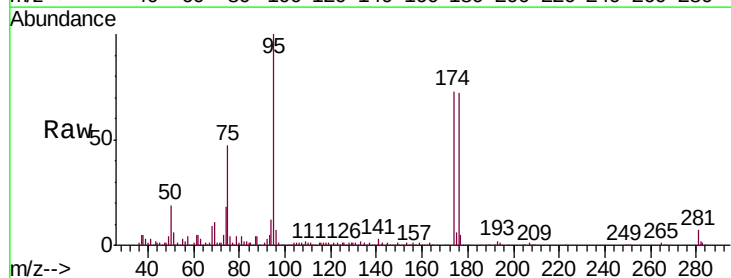
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(20-25)

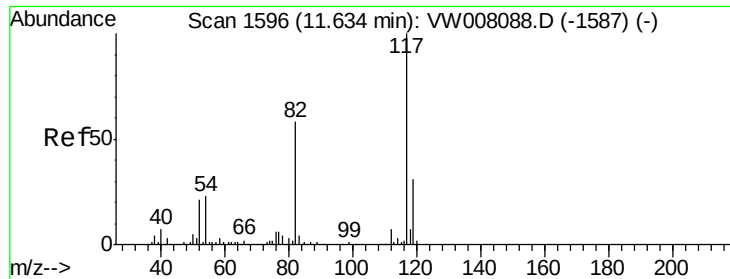
Tgt Ion: 98 Resp: 229016
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.737 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008158.D
Acq: 10 Jan 2019 19:28

Tgt Ion: 95 Resp: 79955
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.0
176 72.6 0.0 140.2

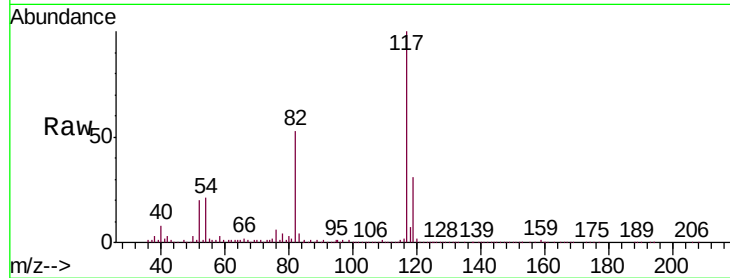




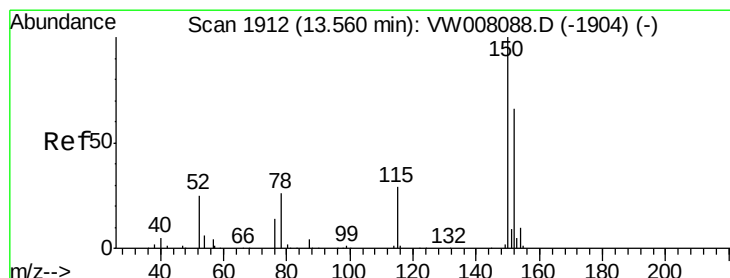
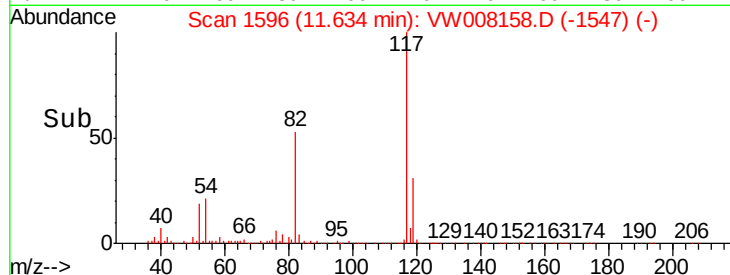
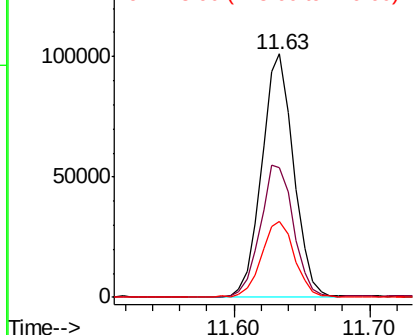
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008158.D
Acq: 10 Jan 2019 19:28

Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(20-25)

Tgt Ion:117 Resp: 165875
Ion Ratio Lower Upper
117 100
82 53.3 46.4 69.6
119 31.2 24.7 37.1

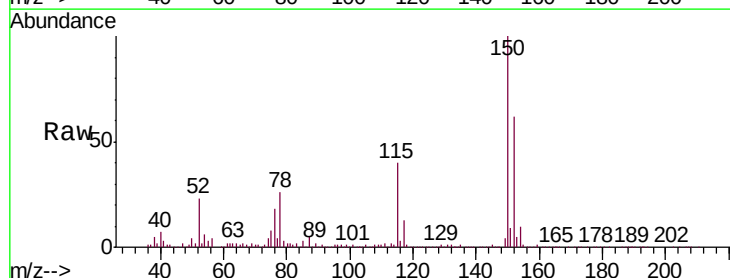


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

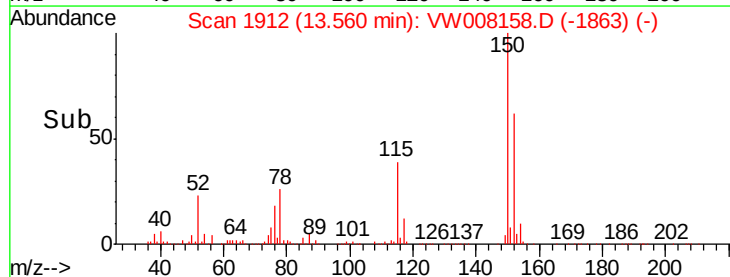
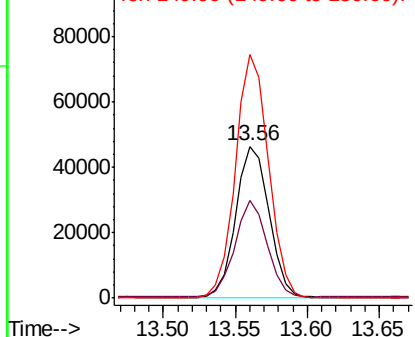


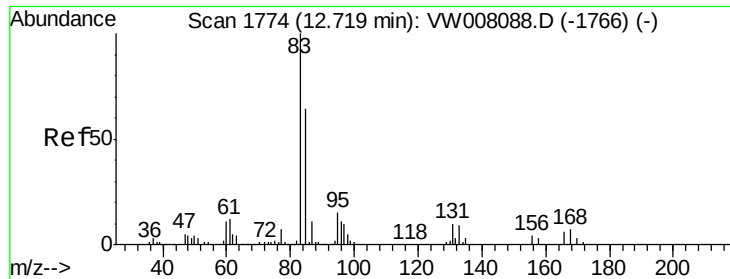
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008158.D
Acq: 10 Jan 2019 19:28

Tgt Ion:152 Resp: 74547
Ion Ratio Lower Upper
152 100
115 61.7 30.8 92.4
150 158.8 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





#75

1,1,2,2-Tetrachloroethane

Concen: 1.236 ug/l

RT: 12.68 min Scan# 1768

Delta R.T. -0.04 min

Lab File: VW008158.D

Acq: 10 Jan 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(20-25)

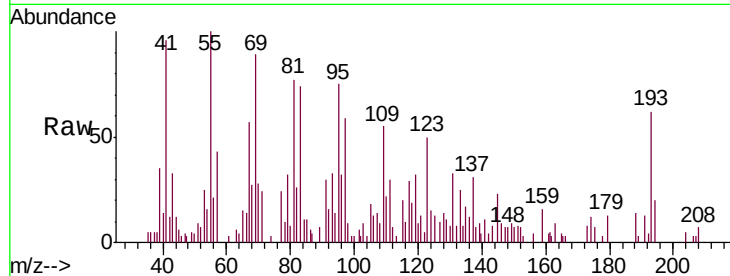
Tgt Ion: 83 Resp: 1158

Ion Ratio Lower Upper

83 100

131 76.9 5.3 16.1#

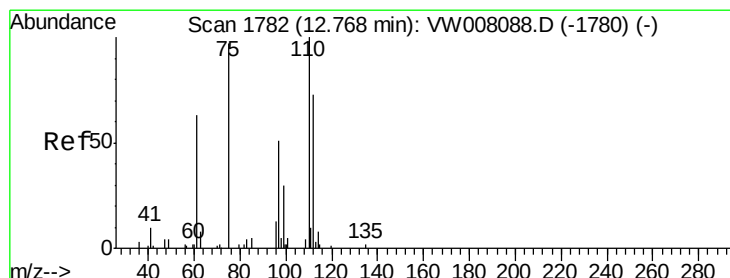
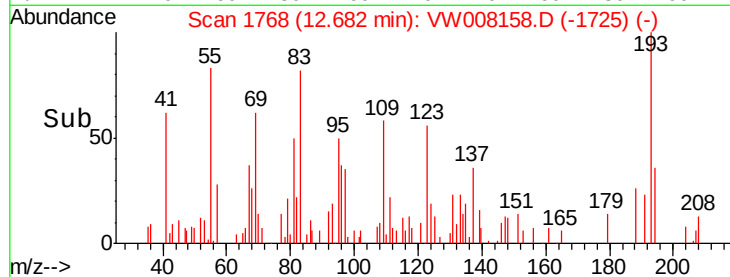
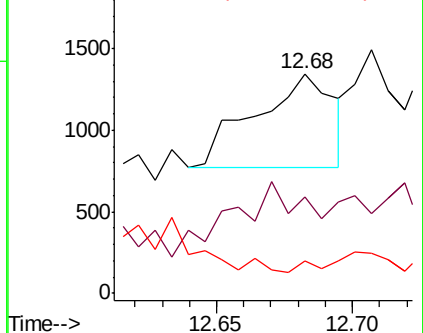
85 0.0 32.4 97.2#



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: 60.036 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008158.D

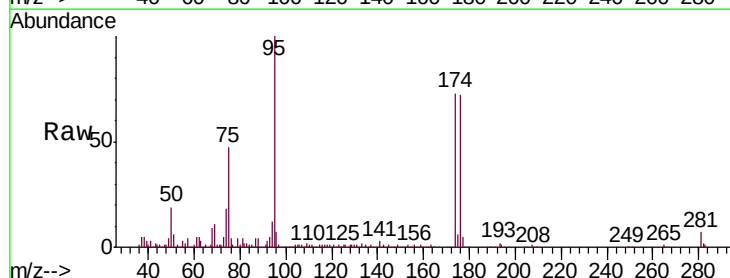
Acq: 10 Jan 2019 19:28

Tgt Ion: 75 Resp: 40799

Ion Ratio Lower Upper

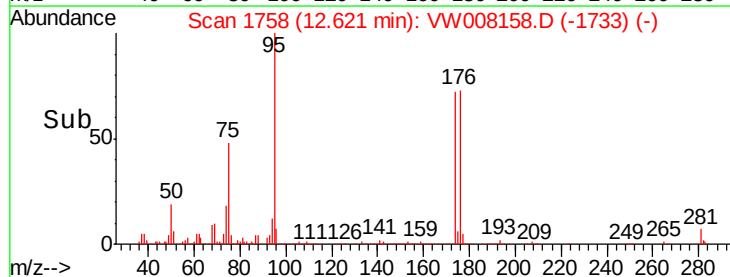
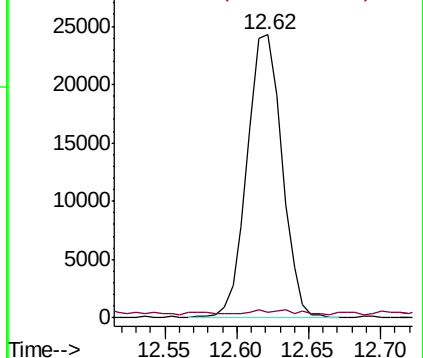
75 100

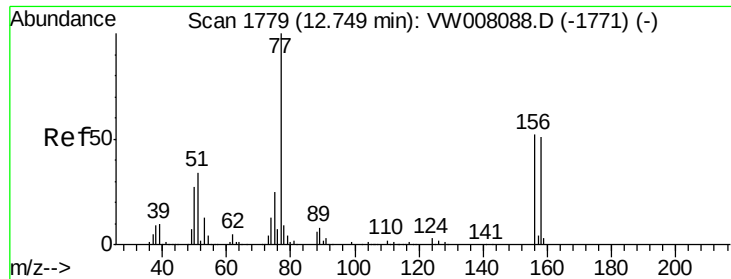
77 2.0 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 2.088 ug/l

RT: 12.57 min Scan# 1750

Delta R.T. -0.18 min

Lab File: VW008158.D

Acq: 10 Jan 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(20-25)

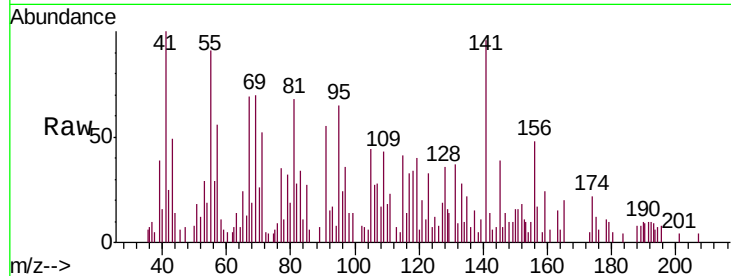
Tgt Ion:156 Resp: 2582

Ion Ratio Lower Upper

156 100

77 14.1 104.2 312.5#

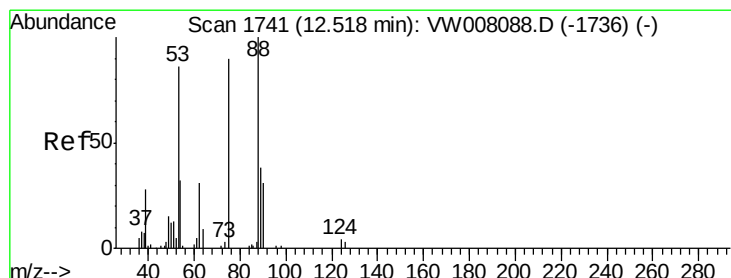
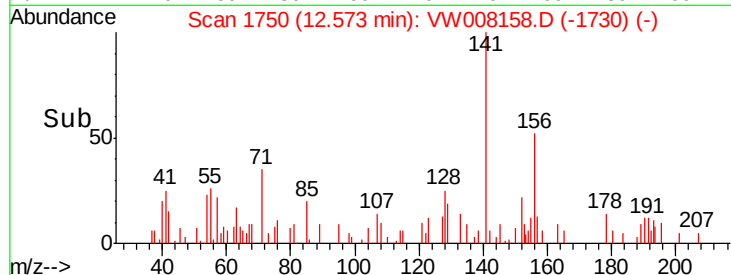
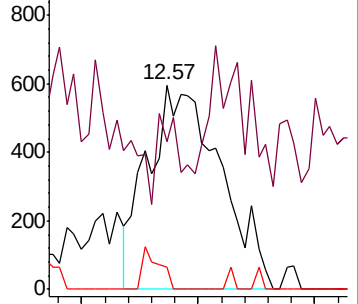
158 4.8 47.9 143.6#



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: 139.805 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008158.D

Acq: 10 Jan 2019 19:28

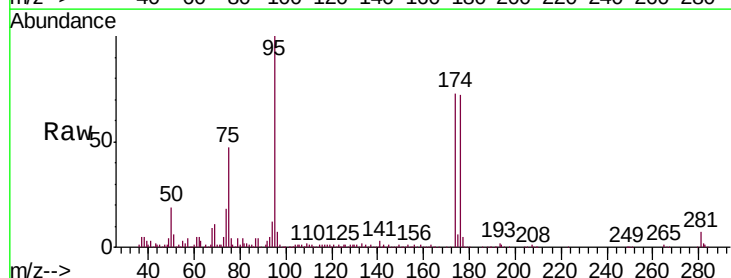
Tgt Ion: 75 Resp: 40799

Ion Ratio Lower Upper

75 100

53 0.2 78.8 118.2#

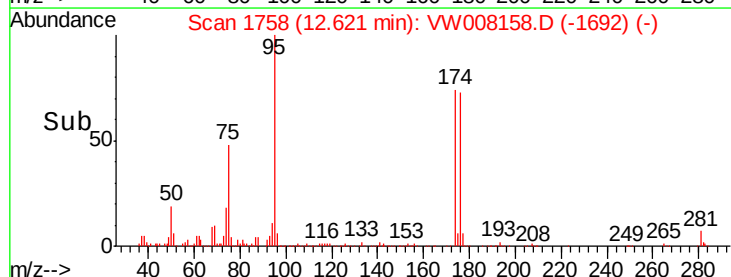
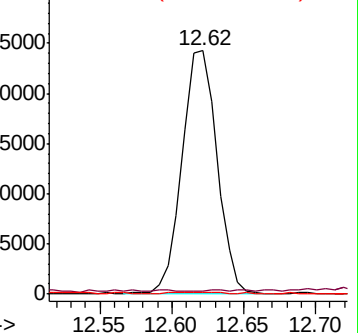
89 0.0 35.4 53.2#

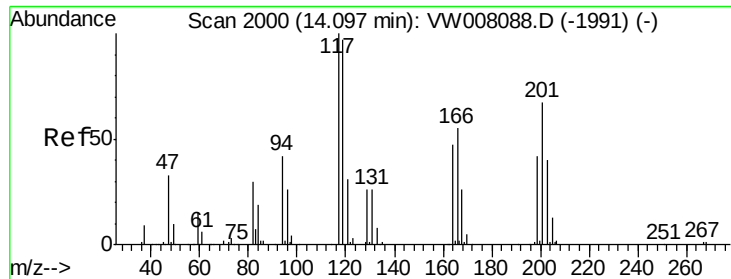


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#90

Hexachloroethane

Concen: 1.830 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008158.D

Acq: 10 Jan 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(20-25)

Tgt Ion:117 Resp: 1664

Ion Ratio Lower Upper

117 100

201 0.0 33.0 98.9#

