

Data File : VW008197.D
Acq On : 11 Jan 2019 16:40
Operator : SY/VA
Sample : K1088-02RE
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(10-15)

Quant Time: Jan 12 00:10:58 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	66365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	119667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49649	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	40037	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
35) Dibromofluoromethane	7.88	113	38530	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
50) Toluene-d8	10.32	98	151614	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.62	95	50338	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

Target Compounds

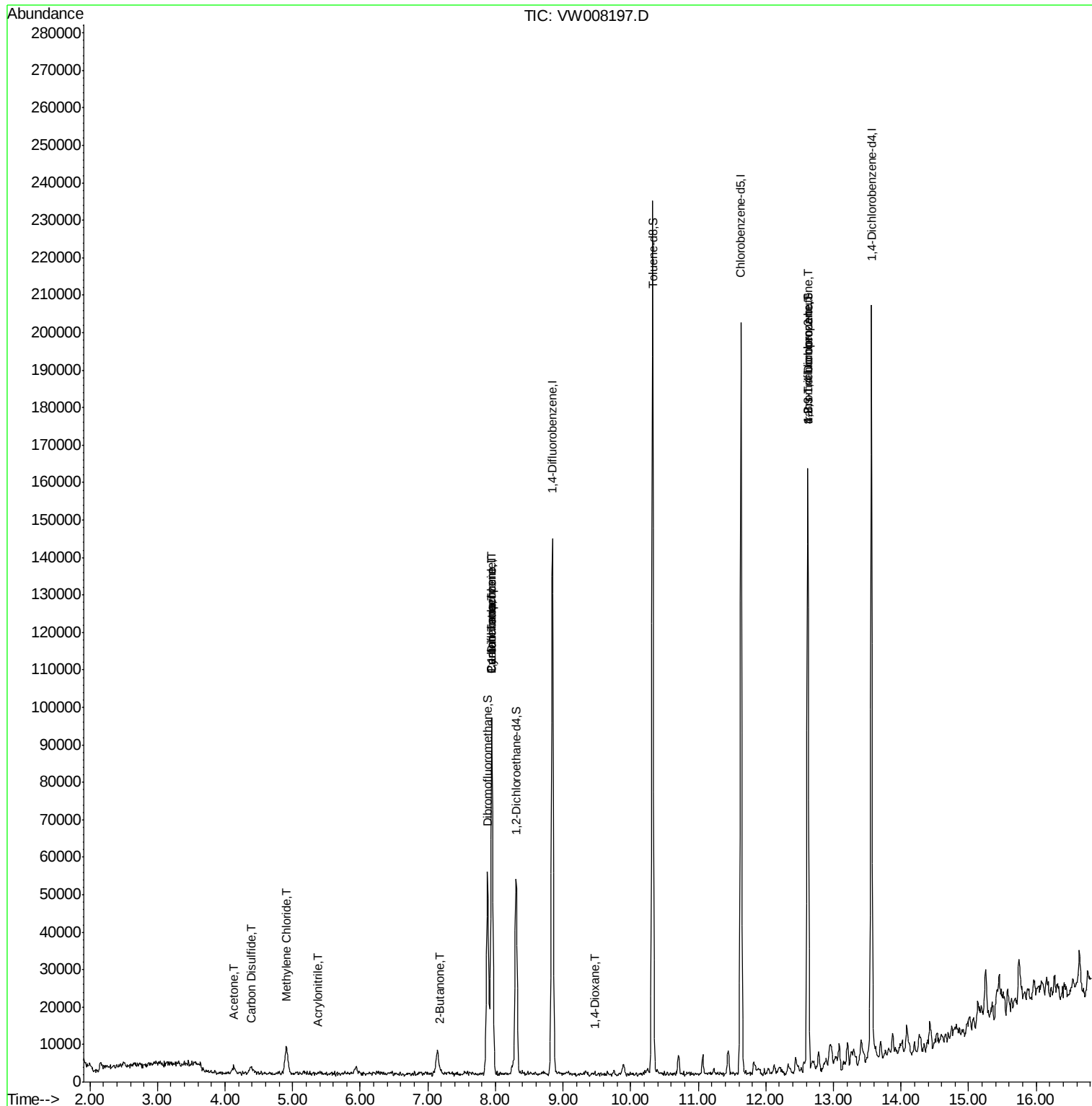
						Qvalue
11) Tert butyl alcohol	5.26	59	103	Below Cal	#	100
15) Acrylonitrile	5.37	53	164	1.022	ug/l #	78
16) Acetone	4.12	43	3571	5.992	ug/l	96
17) Carbon Disulfide	4.38	76	3318	1.461	ug/l	98
20) Methylene Chloride	4.90	84	5398	2.813	ug/l	95
25) 2-Butanone	7.18	43	903	4.351	ug/l	99
31) Cyclohexane	7.95	56	1968	1.254	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	6064	4.919	ug/l #	42
38) Carbon Tetrachloride	7.95	117	7162	6.348	ug/l #	19
49) 1,4-Dioxane	9.46	88	63	9.622	ug/l #	11
76) 1,2,3-Trichloropropane	12.62	75	25837	57.085	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	25837	132.934	ug/l #	11

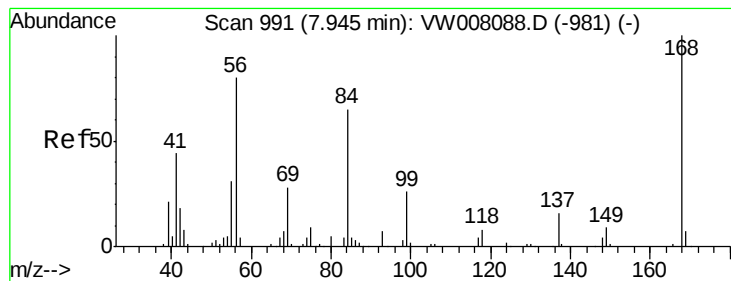
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008197.D
Acq On : 11 Jan 2019 16:40
Operator : SY/VA
Sample : K1088-02RE
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(10-15)

Quant Time: Jan 12 00:10:58 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008197.D

Acq: 11 Jan 2019 16:40

Instrument :

MSVOA_W

ClientSampleId :

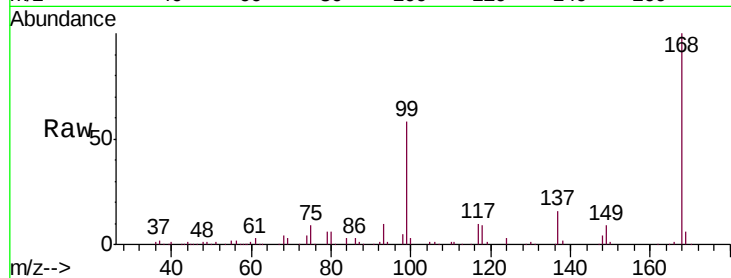
CPSB-06(10-15)

Tgt Ion:168 Resp: 66365

Ion Ratio Lower Upper

168 100

99 58.2 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

30000

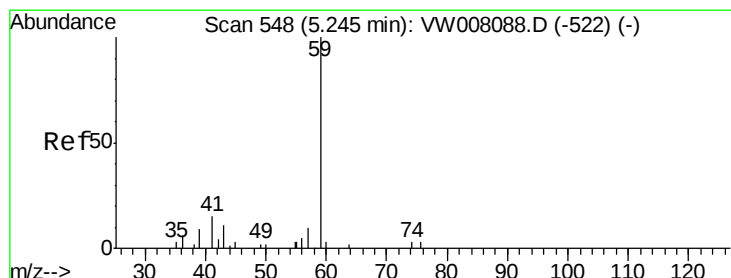
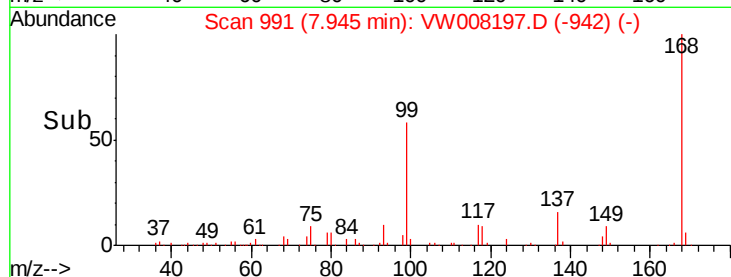
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.26 min Scan# 550

Delta R.T. 0.01 min

Lab File: VW008197.D

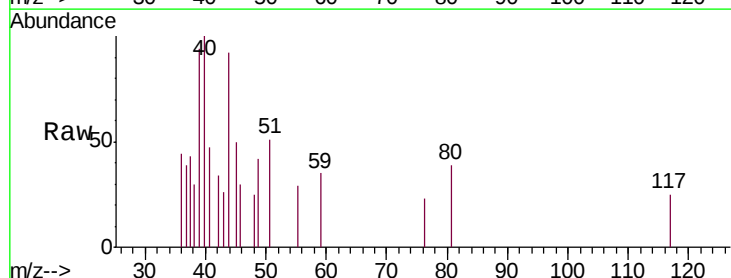
Acq: 11 Jan 2019 16:40

Tgt Ion: 59 Resp: 103

Ion Ratio Lower Upper

59 100

57 108.7 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

120

100

80

60

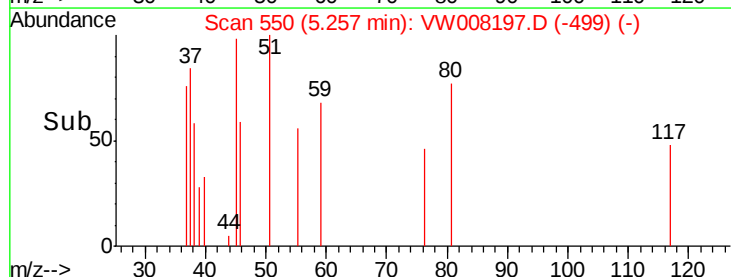
40

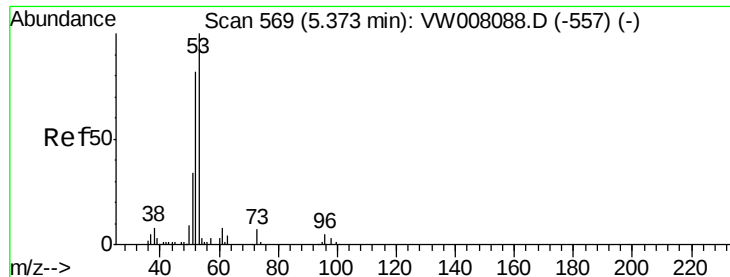
20

0

Time-->

5.24 5.26 5.28 5.30





#15

Acrylonitrile

Concen: 1.022 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008197.D

Acq: 11 Jan 2019 16:40

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(10-15)

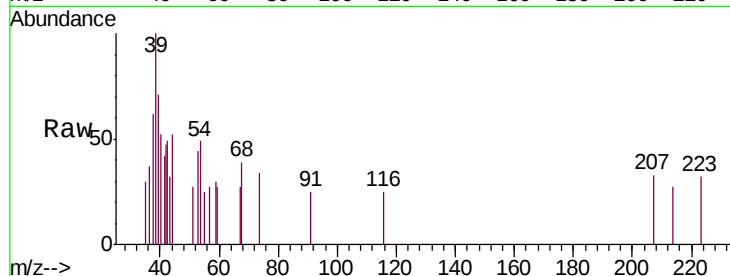
Tgt Ion: 53 Resp: 164

Ion Ratio Lower Upper

53 100

52 89.0 66.8 100.2

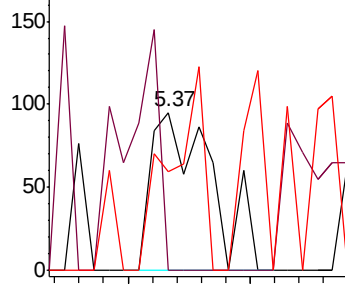
51 70.7 29.7 44.5#



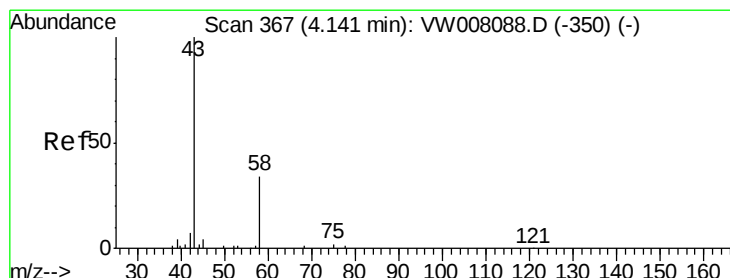
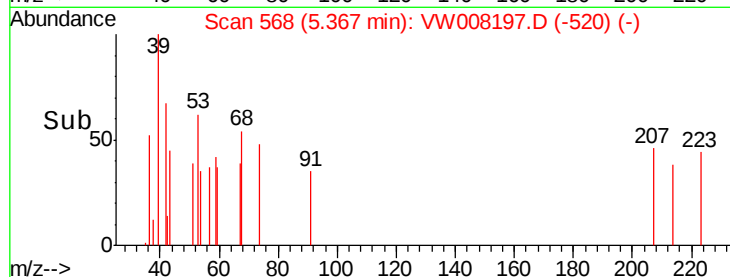
Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



Time-->



#16

Acetone

Concen: 5.992 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008197.D

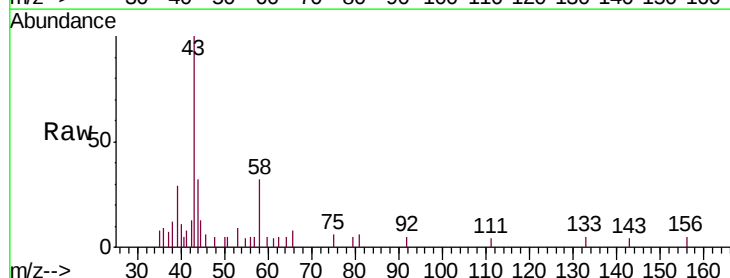
Acq: 11 Jan 2019 16:40

Tgt Ion: 43 Resp: 3571

Ion Ratio Lower Upper

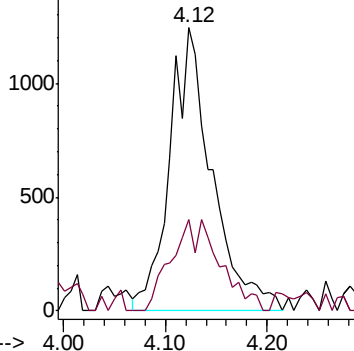
43 100

58 32.1 27.5 41.3

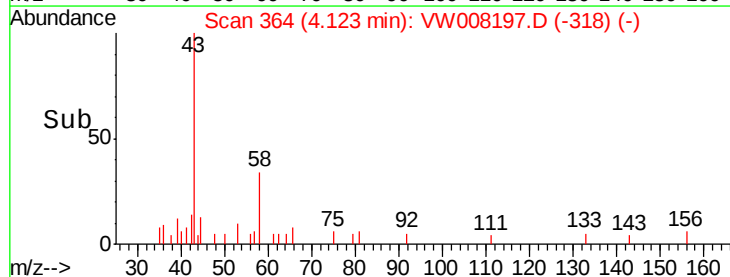


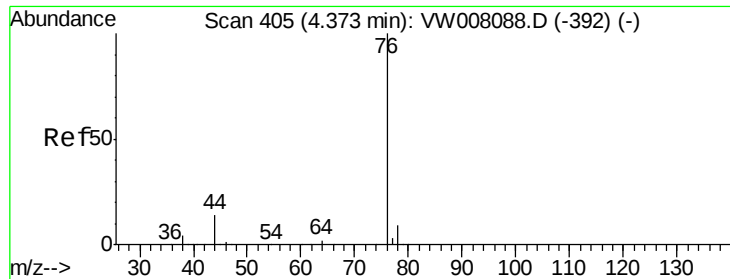
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->

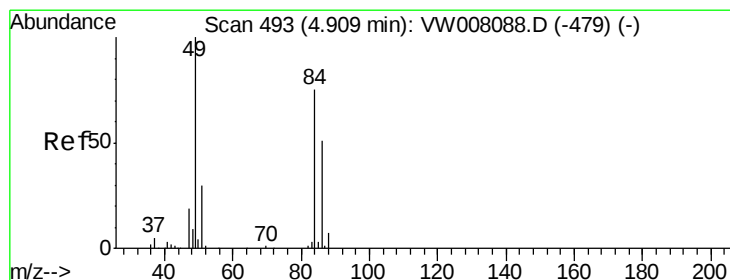
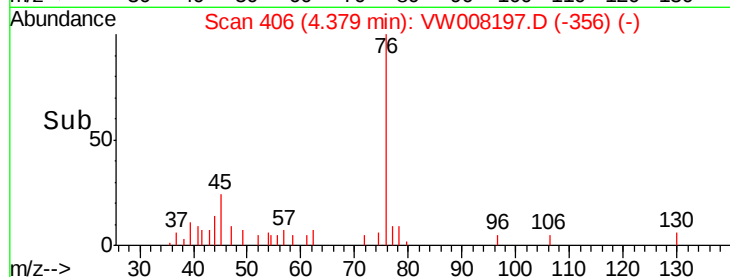
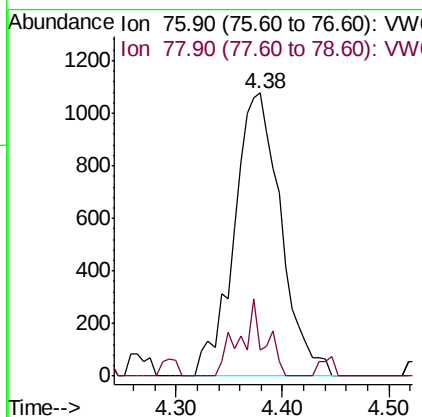
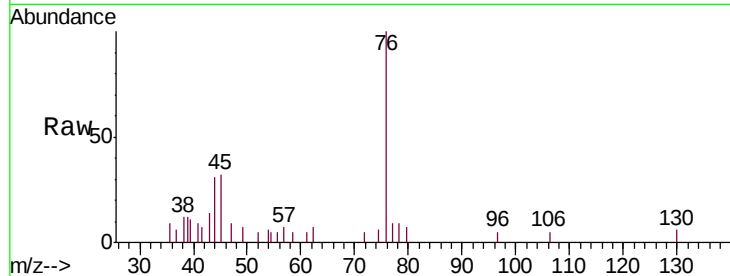




#17
Carbon Disulfide
Concen: 1.461 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW008197.D
Acq: 11 Jan 2019 16:40

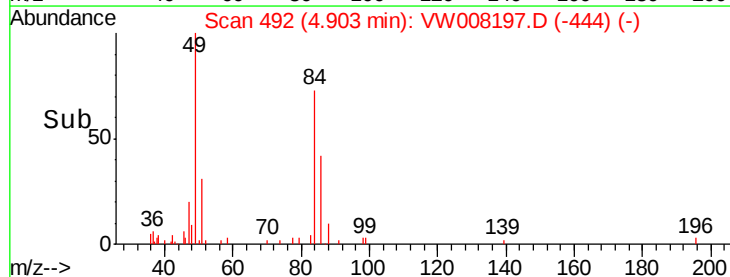
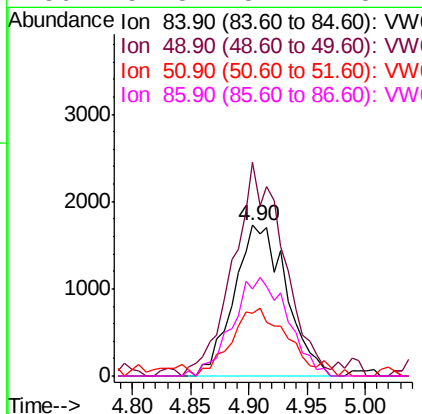
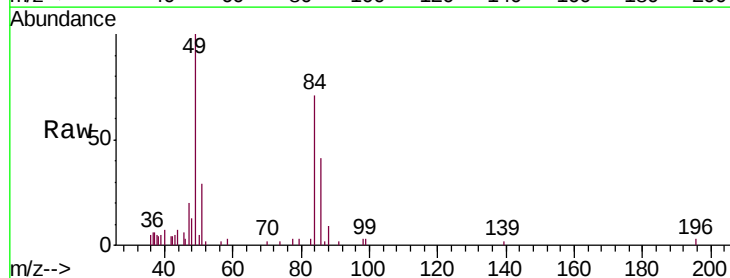
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(10-15)

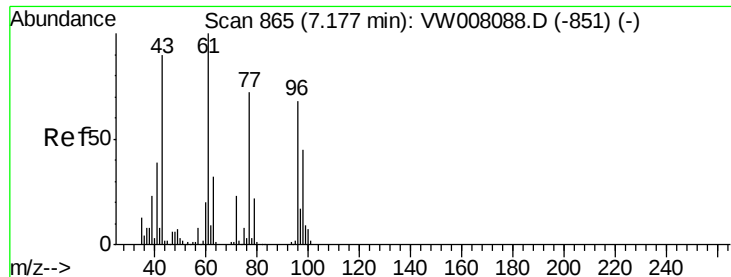
Tgt Ion: 76 Resp: 3318
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#20
Methylene Chloride
Concen: 2.813 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008197.D
Acq: 11 Jan 2019 16:40

Tgt Ion: 84 Resp: 5398
Ion Ratio Lower Upper
84 100
49 135.5 107.1 160.7
51 41.7 32.4 48.6
86 57.8 54.2 81.4





#25

2-Butanone

Concen: 4.351 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008197.D

Acq: 11 Jan 2019 16:40

Instrument :

MSVOA_W

ClientSampleId :

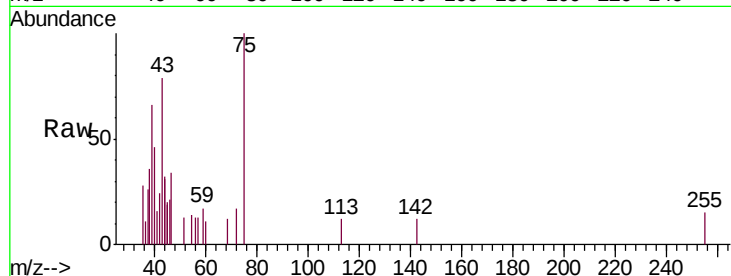
CPSB-06(10-15)

Tgt Ion: 43 Resp: 903

Ion Ratio Lower Upper

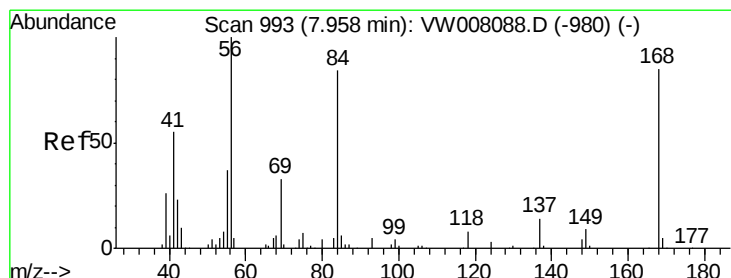
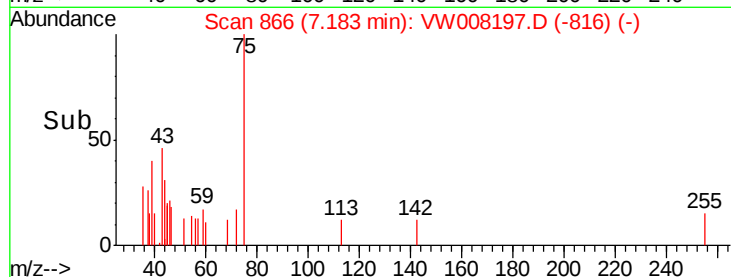
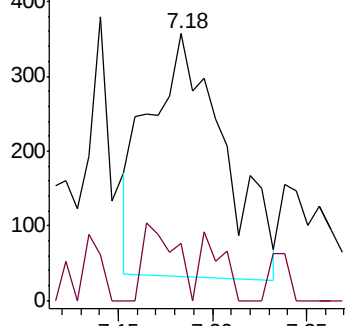
43 100

72 26.3 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.254 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008197.D

Acq: 11 Jan 2019 16:40

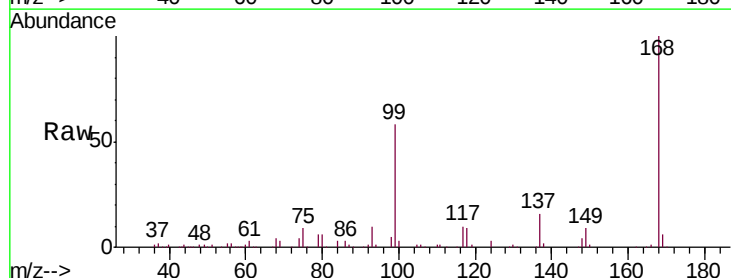
Tgt Ion: 56 Resp: 1968

Ion Ratio Lower Upper

56 100

69 123.4 26.2 39.4#

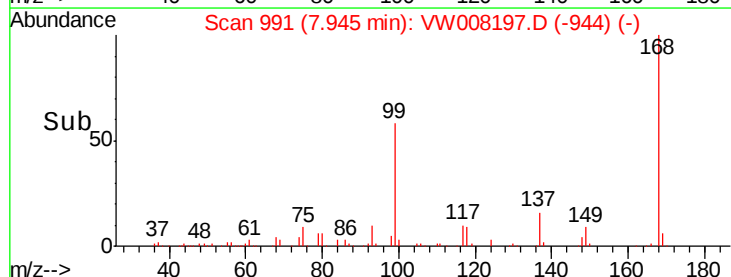
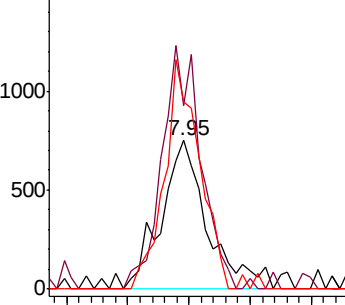
84 126.2 67.4 101.2#

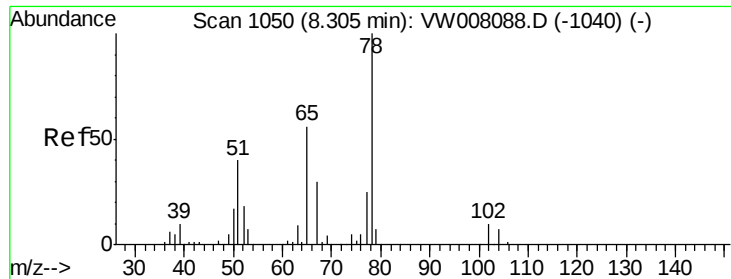


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 53.677 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008197.D

Acq: 11 Jan 2019 16:40

Instrument :

MSVOA_W

ClientSampleId :

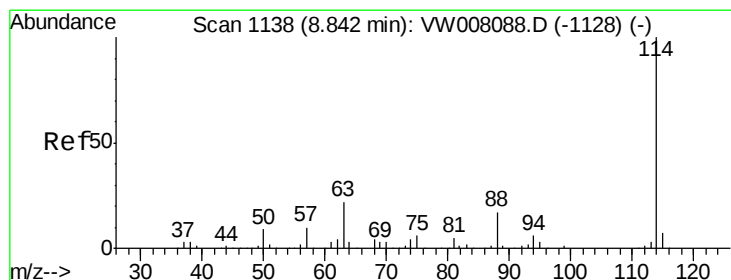
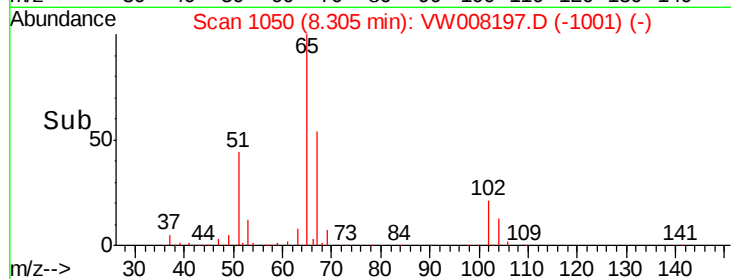
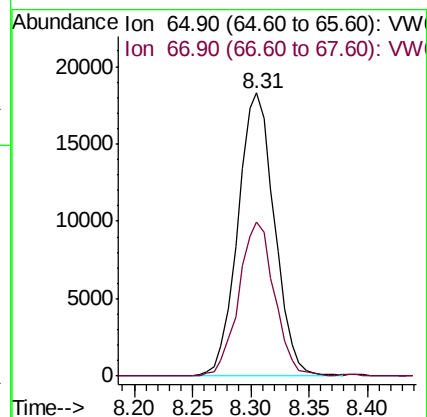
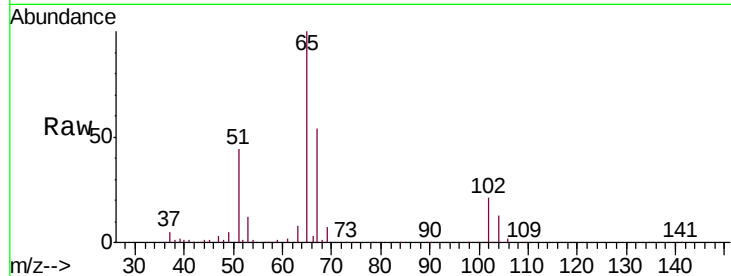
CPSB-06(10-15)

Tgt Ion: 65 Resp: 40037

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: VW008197.D

Acq: 11 Jan 2019 16:40

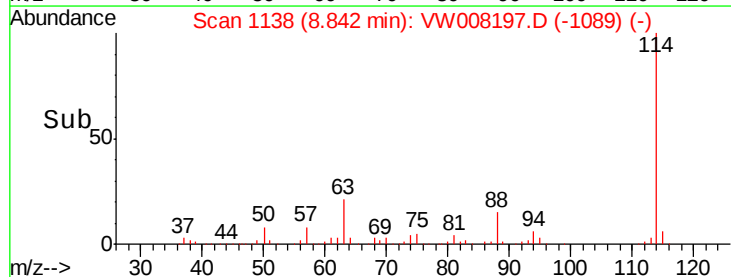
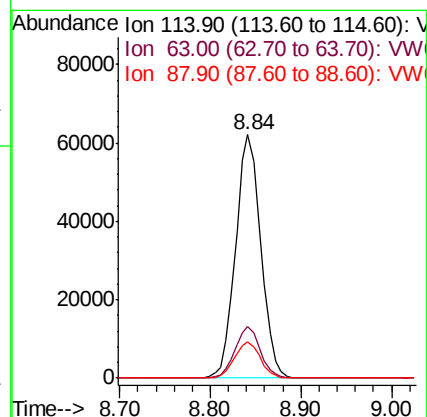
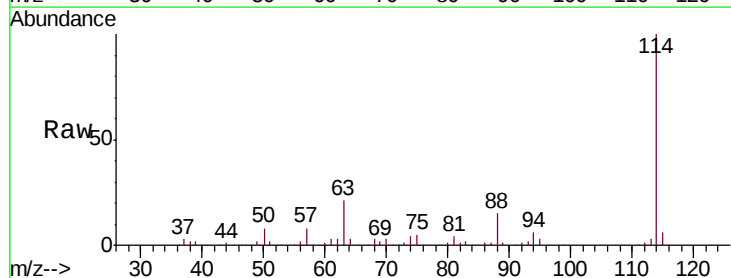
Tgt Ion: 114 Resp: 119667

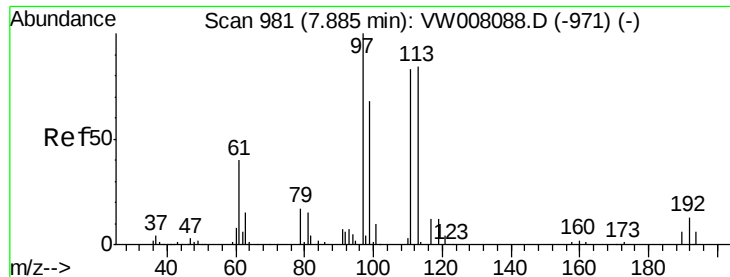
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.4

88 14.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 55.205 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008197.D

Acq: 11 Jan 2019 16:40

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(10-15)

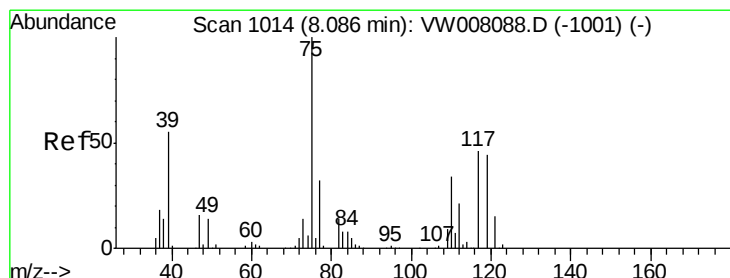
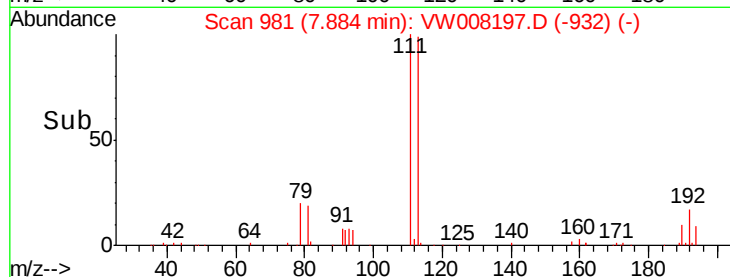
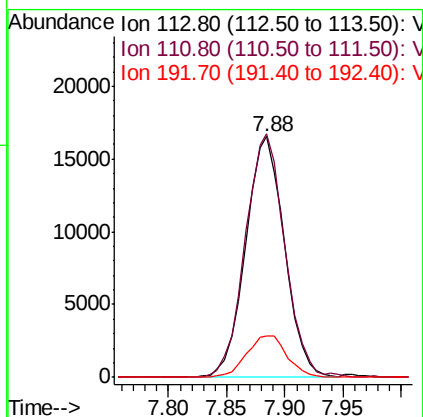
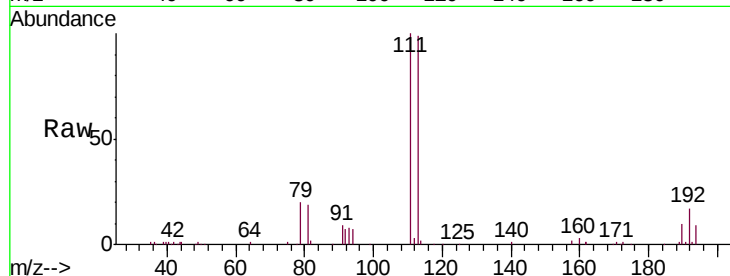
Tgt Ion:113 Resp: 38530

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 17.7 12.8 19.2



#36

1,1-Dichloropropene

Concen: 4.919 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW008197.D

Acq: 11 Jan 2019 16:40

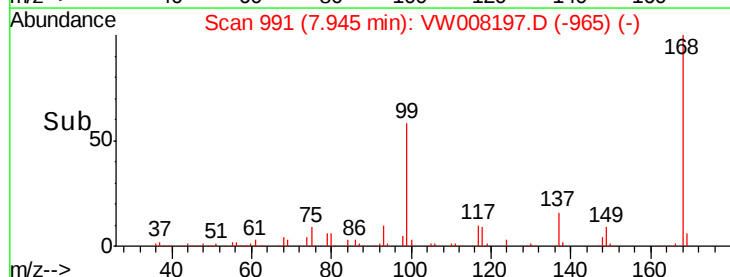
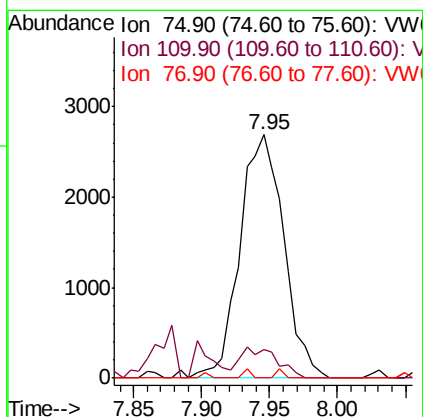
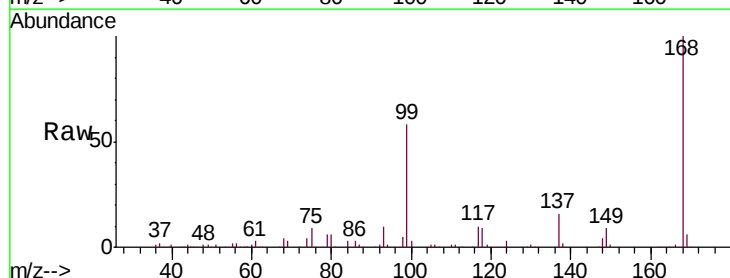
Tgt Ion: 75 Resp: 6064

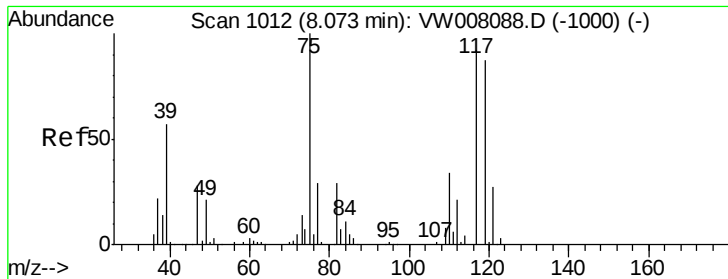
Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.3#

77 0.6 25.5 38.3#

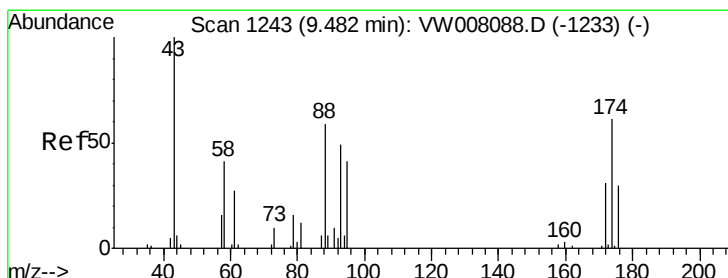
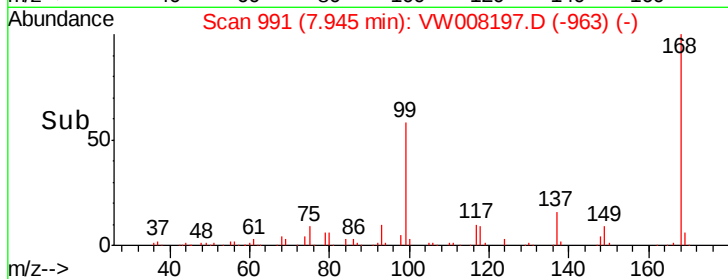
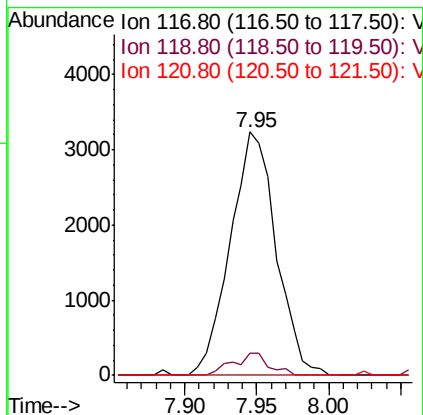
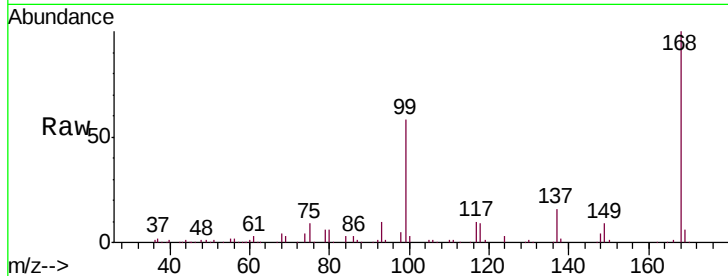




#38
Carbon Tetrachloride
Concen: 6.348 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008197.D
Acq: 11 Jan 2019 16:40

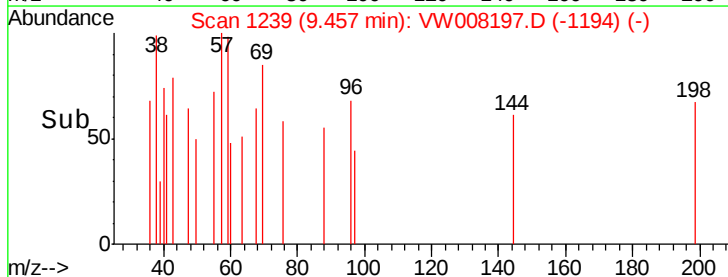
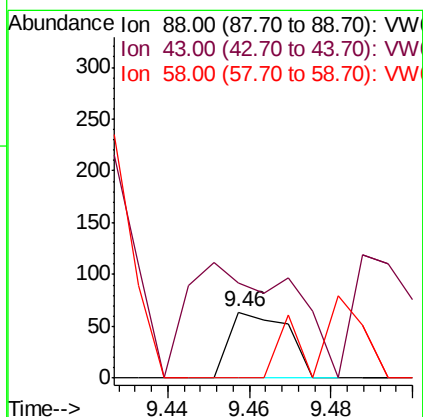
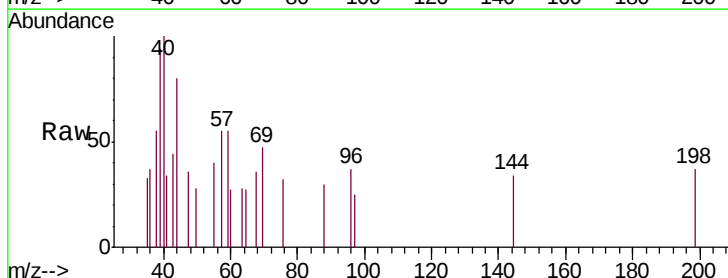
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(10-15)

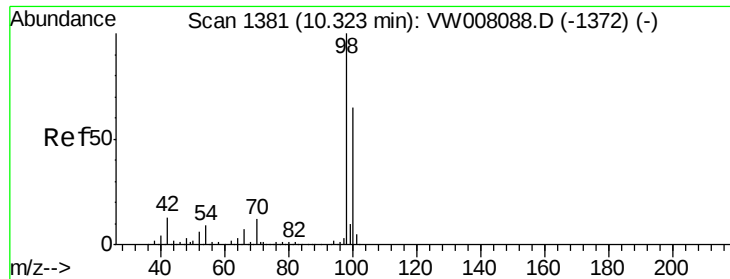
Tgt Ion: 117 Resp: 7162
Ion Ratio Lower Upper
117 100
119 8.9 75.8 113.8#
121 0.0 23.7 35.5#



#49
1,4-Dioxane
Concen: 9.622 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VW008197.D
Acq: 11 Jan 2019 16:40

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 312.7 0.0 0.0#
58 0.0 61.7 92.5#





#50

Toluene-d8

Concen: 51.766 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008197.D

Acq: 11 Jan 2019 16:40

Instrument :

MSVOA_W

ClientSampleId :

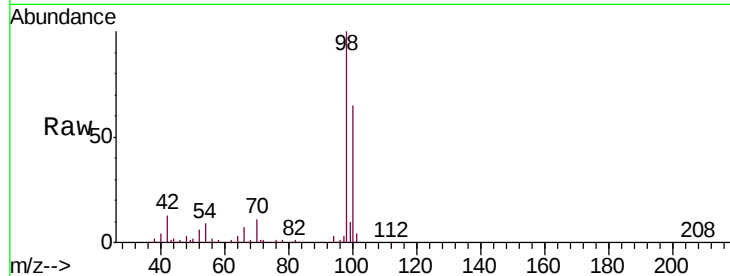
CPSB-06(10-15)

Tgt Ion: 98 Resp: 151614

Ion Ratio Lower Upper

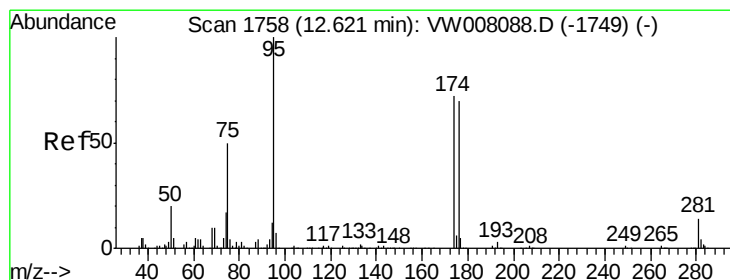
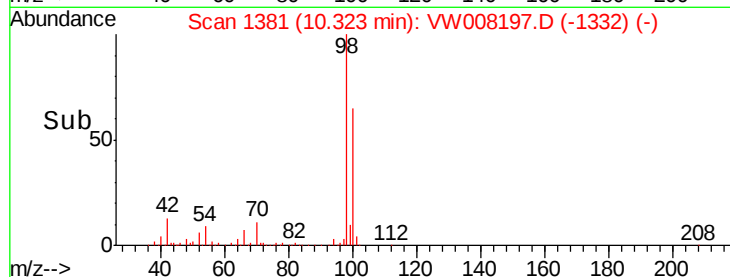
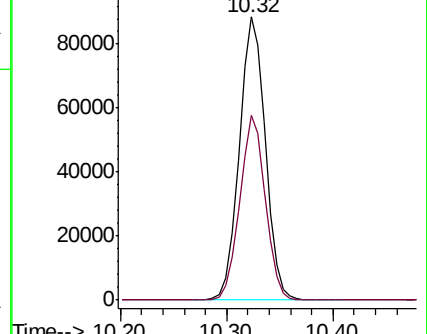
98 100

100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.942 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008197.D

Acq: 11 Jan 2019 16:40

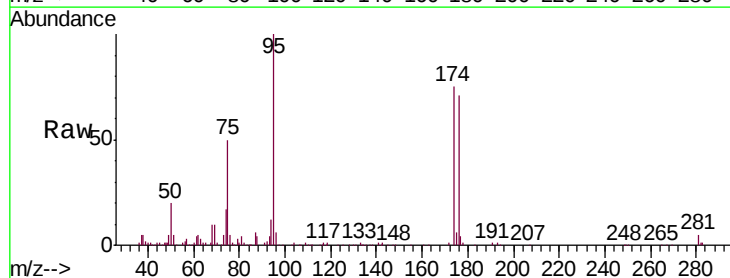
Tgt Ion: 95 Resp: 50338

Ion Ratio Lower Upper

95 100

174 74.1 0.0 143.0

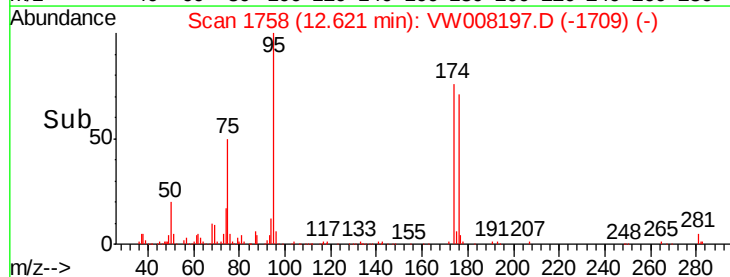
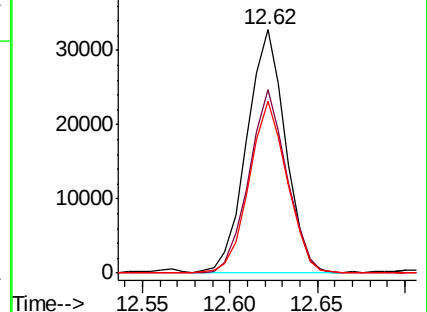
176 69.3 0.0 140.2

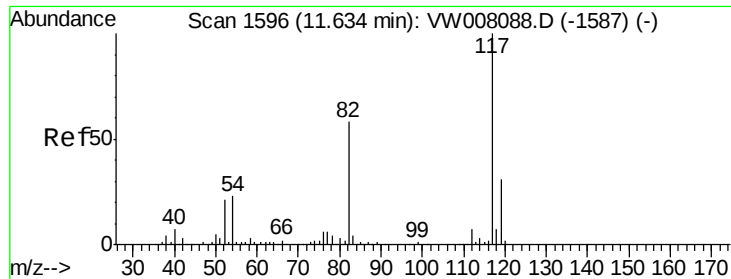


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

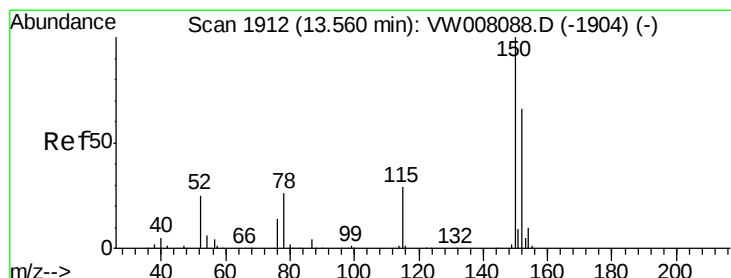
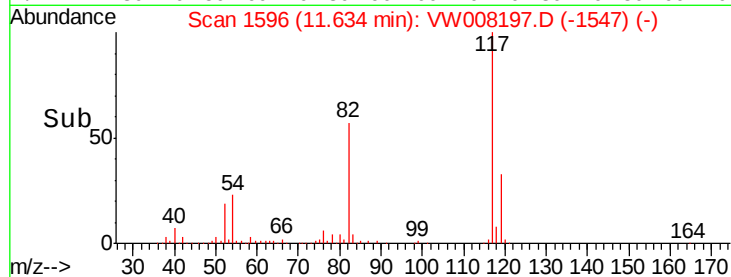
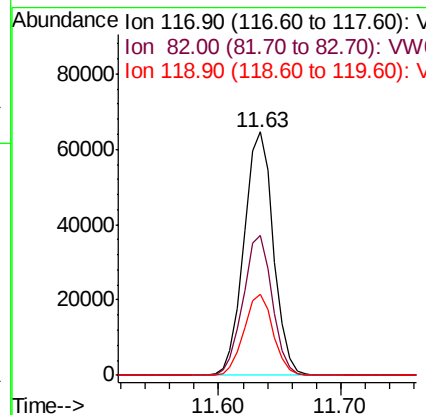
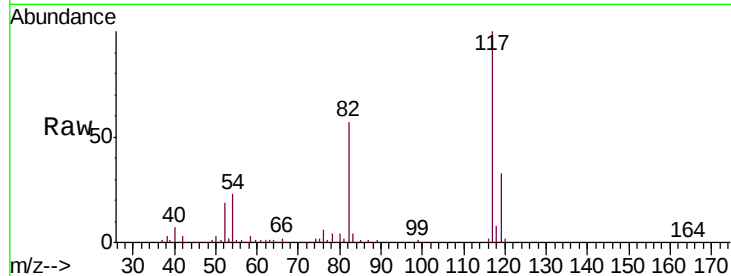




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008197.D
Acq: 11 Jan 2019 16:40

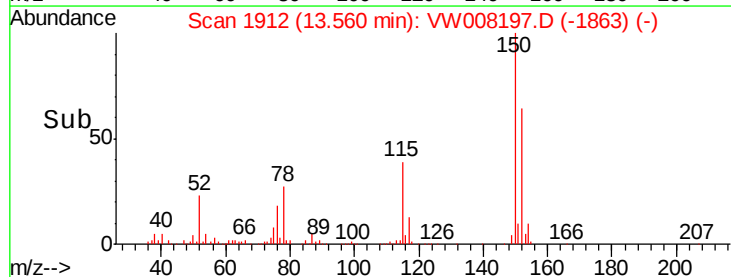
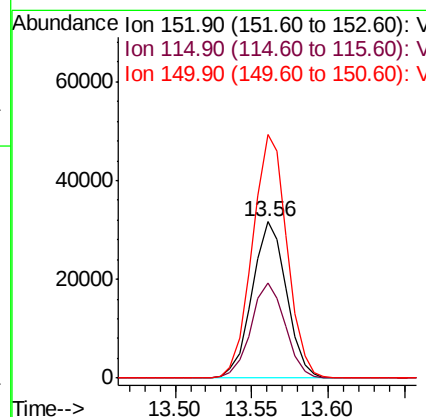
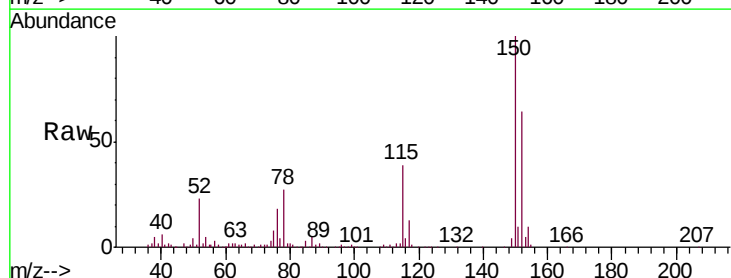
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(10-15)

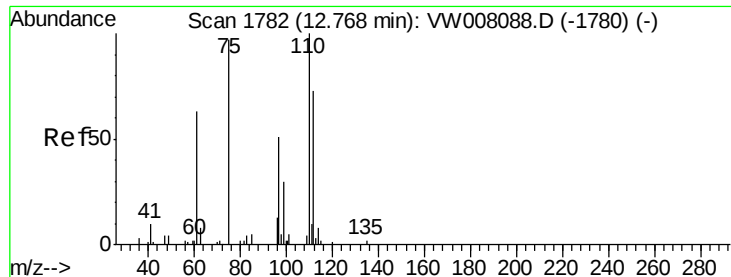
Tgt Ion:117 Resp: 107553
Ion Ratio Lower Upper
117 100
82 57.2 46.4 69.6
119 33.4 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008197.D
Acq: 11 Jan 2019 16:40

Tgt Ion:152 Resp: 49649
Ion Ratio Lower Upper
152 100
115 60.5 30.8 92.4
150 156.4 0.0 350.2





#76

1,2,3-Trichloropropane

Concen: 57.085 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008197.D

Acq: 11 Jan 2019 16:40

Instrument :

MSVOA_W

ClientSampleId :

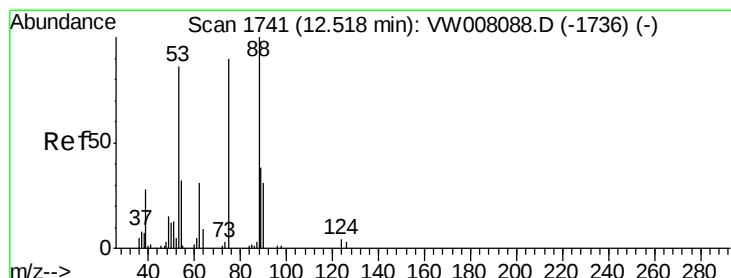
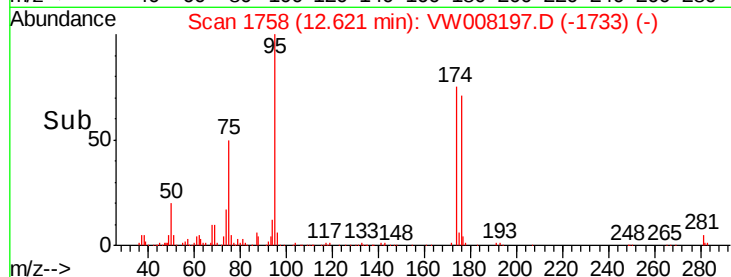
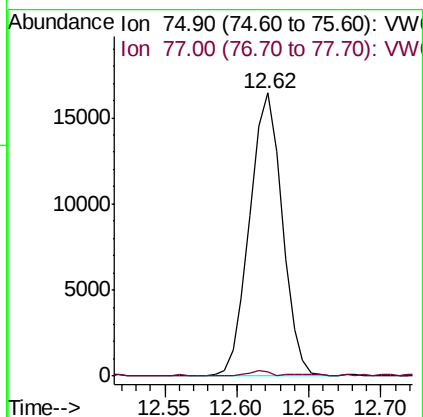
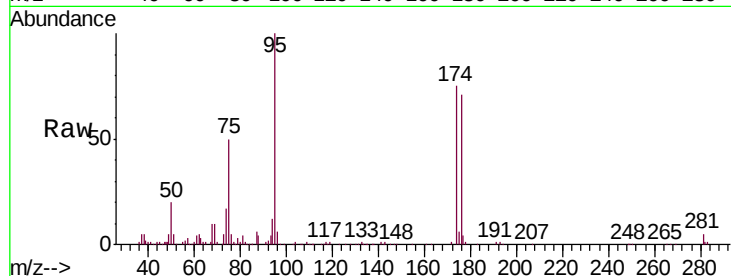
CPSB-06(10-15)

Tgt Ion: 75 Resp: 25837

Ion Ratio Lower Upper

75 100

77 1.2 179.4 538.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 132.934 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008197.D

Acq: 11 Jan 2019 16:40

Tgt Ion: 75 Resp: 25837

Ion Ratio Lower Upper

75 100

53 0.7 78.8 118.2#

89 0.3 35.4 53.2#

