

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011019\
 Data File : VW008183.D
 Acq On : 11 Jan 2019 08:13
 Operator : SY/AP
 Sample : K1102-02
 Misc : 5.04G/5ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-18(20-25)

Quant Time: Jan 11 11:18:14 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	109730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	188517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78423	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	61791	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
35) Dibromofluoromethane	7.88	113	57533	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
50) Toluene-d8	10.32	98	243369	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.62	95	78235	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	293	Below Cal	#	100
13) Acrolein	3.89	56	105	Below Cal	#	14
16) Acetone	4.14	43	10484	28.560	ug/l	98
17) Carbon Disulfide	4.38	76	10009	2.666	ug/l #	92
20) Methylene Chloride	4.91	84	2460	Below Cal		87
25) 2-Butanone	7.18	43	4422	12.887	ug/l #	74
31) Cyclohexane	7.95	56	28197	10.864	ug/l #	93
36) 1,1-Dichloropropene	7.95	75	9094	4.683	ug/l #	52
37) Ethyl Acetate	7.18	43	4422	5.684	ug/l #	73
38) Carbon Tetrachloride	7.95	117	11389	6.408	ug/l #	16
39) Methylcyclohexane	9.34	83	240566	97.699	ug/l	94
43) Isopropyl Acetate	8.41	43	9741	6.262	ug/l #	52
45) 1,2-Dichloropropane	9.34	63	2602	1.992	ug/l #	1
47) Bromodichloromethane	9.75	83	2663	1.635	ug/l #	34
48) Methyl methacrylate	9.52	41	3916	5.335	ug/l #	1
49) 1,4-Dioxane	9.51	88	21	2.036	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	1536	2.040	ug/l	96
52) Toluene	10.38	92	6856	2.038	ug/l	94
55) 1,1,2-Trichloroethane	10.76	97	10141	11.262	ug/l #	22
56) Ethyl methacrylate	10.66	69	5239	4.698	ug/l #	1
59) 2-Hexanone	10.94	43	8975	17.626	ug/l #	35
65) Chlorobenzene	11.66	112	5139	1.423	ug/l	92
71) Bromoform	12.37	173	708	1.347	ug/l #	90
73) Isopropylbenzene	12.47	105	9178	1.491	ug/l	95
74) N-amyl acetate	12.26	43	9985	7.323	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.69	83	3250	3.298	ug/l #	28
76) 1,2,3-Trichloropropane	12.62	75	39800	55.671	ug/l #	1
77) Bromobenzene	12.96	156	33173	25.499	ug/l #	1
78) n-propylbenzene	12.80	91	8493	1.126	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.62	75	39800	129.641	ug/l #	11
83) tert-Butylbenzene	13.24	119	6755	1.509	ug/l #	32
85) sec-Butylbenzene	13.38	105	7692	1.173	ug/l #	73
90) Hexachloroethane	14.11	117	1463	1.530	ug/l #	17

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Response via : Initial Calibration

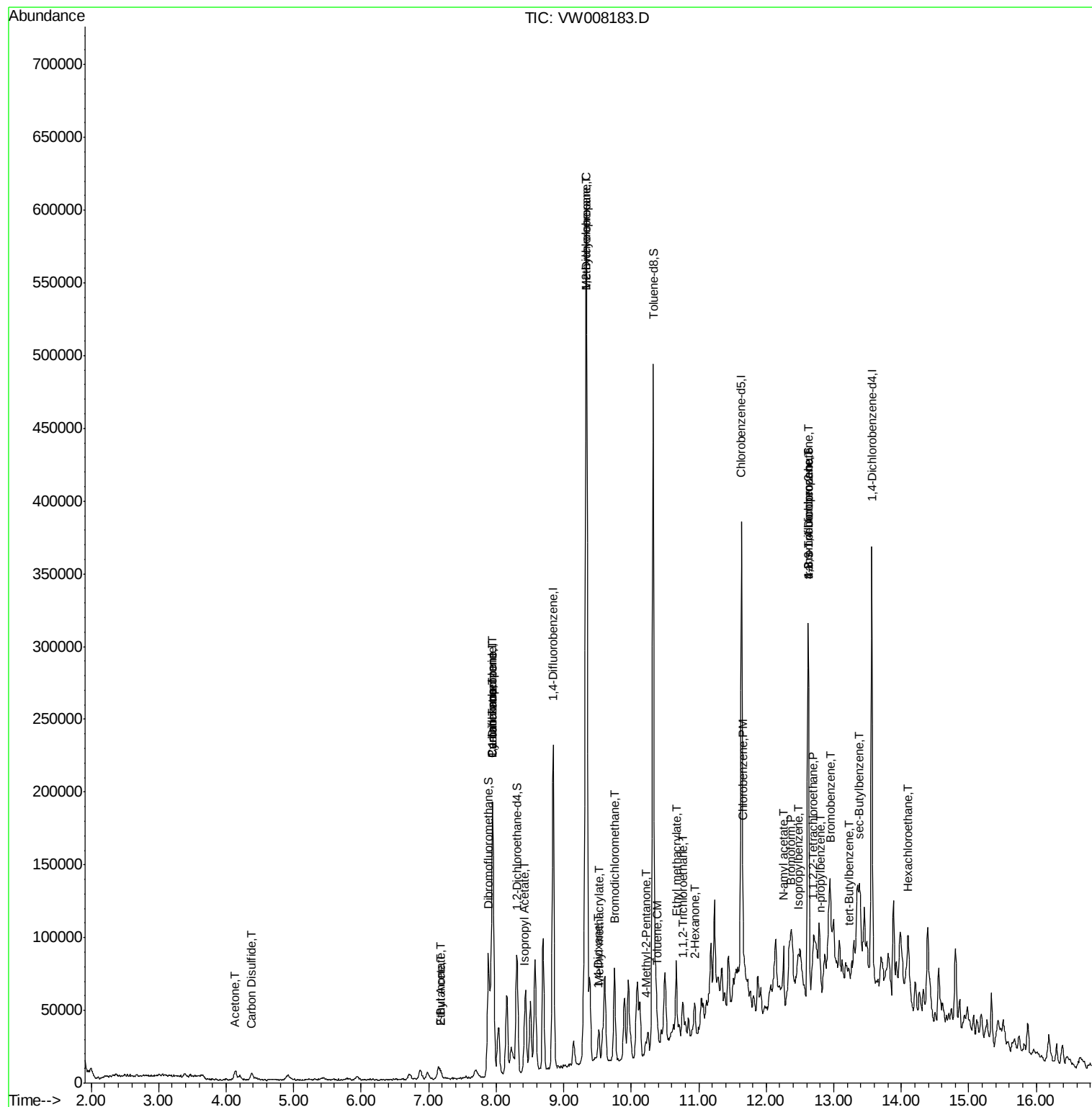
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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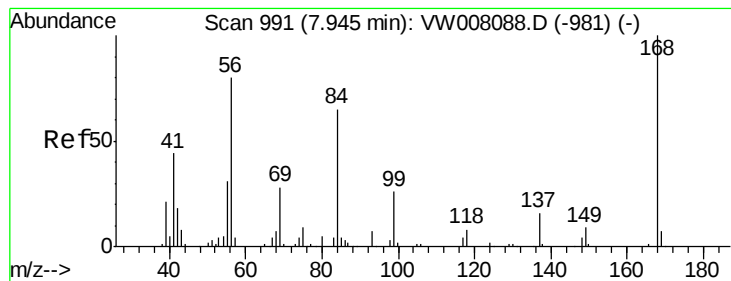
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008183.D

Acq: 11 Jan 2019 08:13

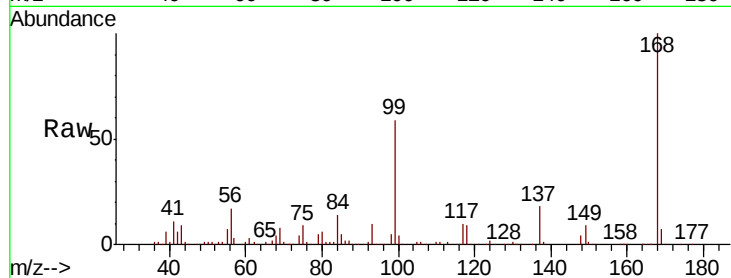
Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(20-25)

Tgt Ion:168 Resp: 109730

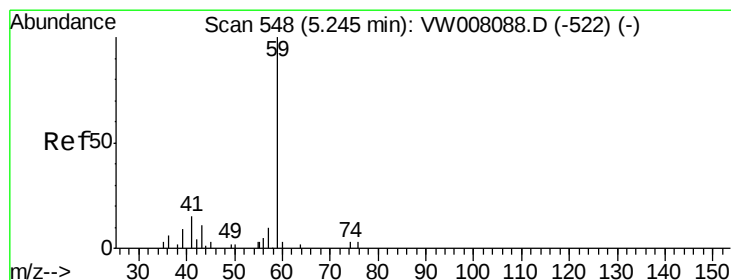
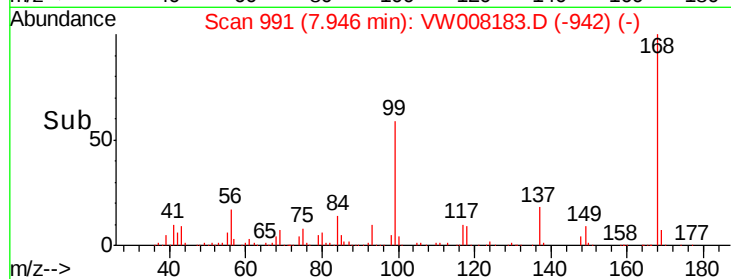
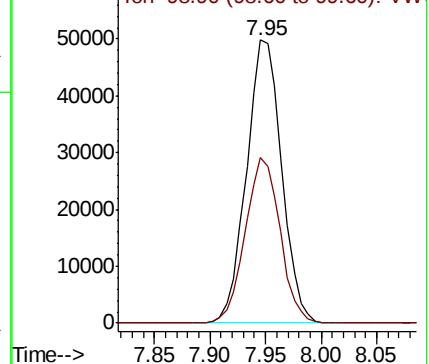
Ion Ratio Lower Upper

168 100

99 58.6 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): VW
Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.23 min Scan# 546

Delta R.T. -0.01 min

Lab File: VW008183.D

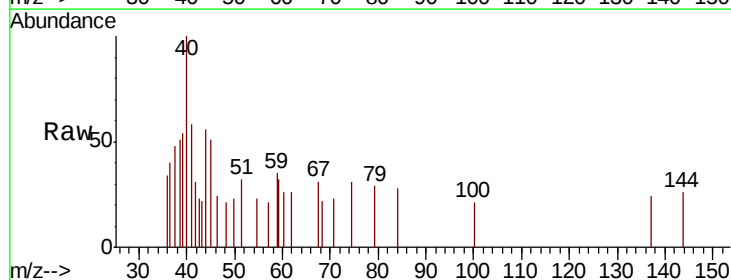
Acq: 11 Jan 2019 08:13

Tgt Ion: 59 Resp: 293

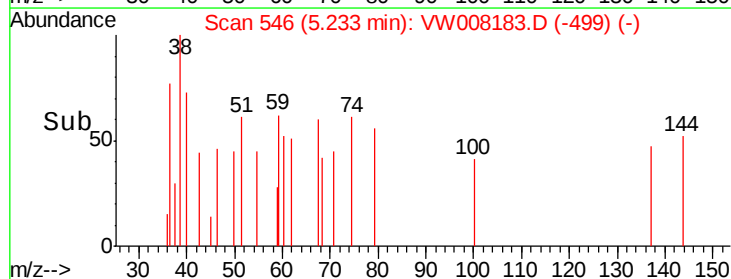
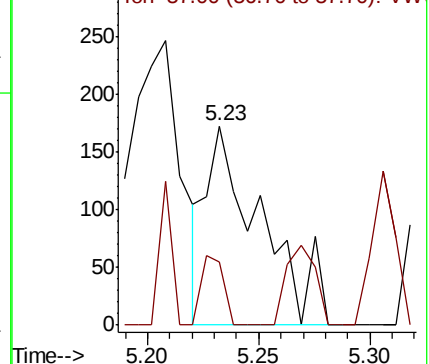
Ion Ratio Lower Upper

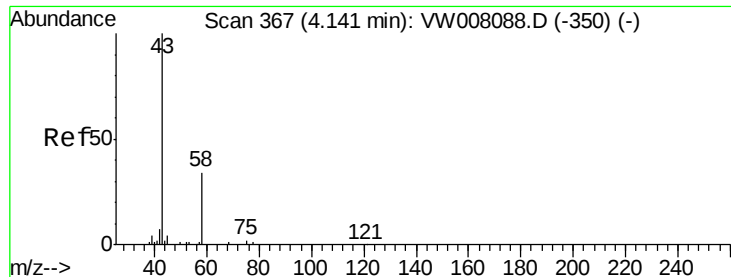
59 100

57 14.3 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: 28.560 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

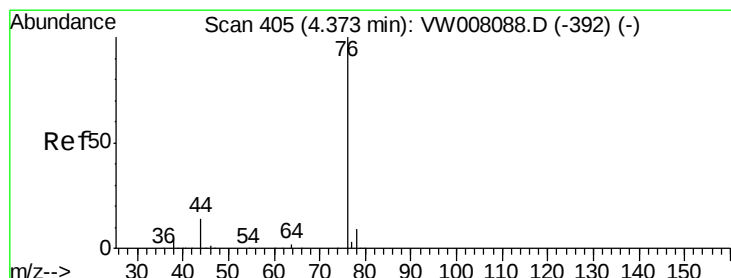
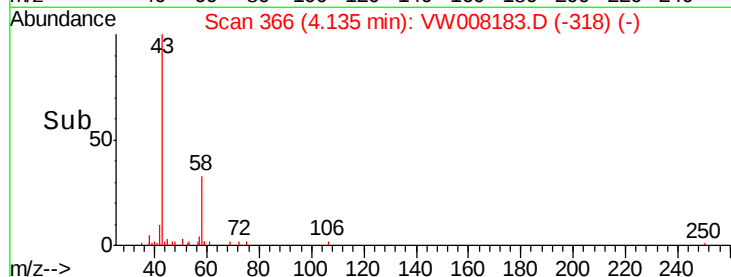
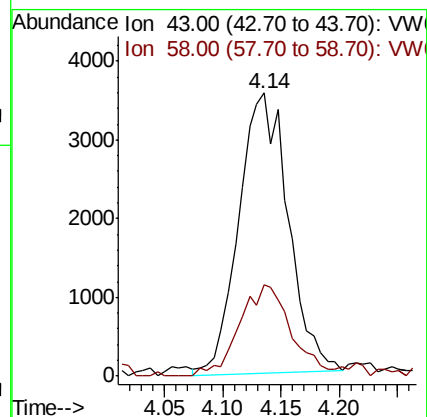
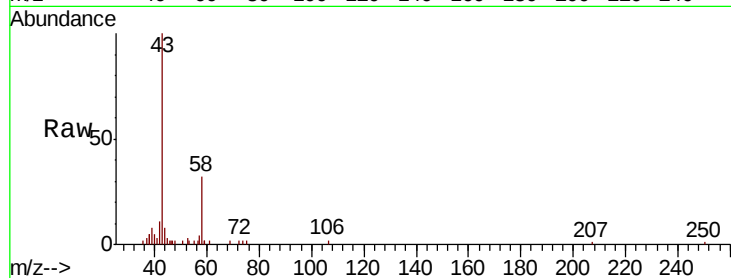
CPSB-18(20-25)

Tgt Ion: 43 Resp: 10484

Ion Ratio Lower Upper

43 100

58 33.1 27.5 41.3



#17

Carbon Disulfide

Concen: 2.666 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008183.D

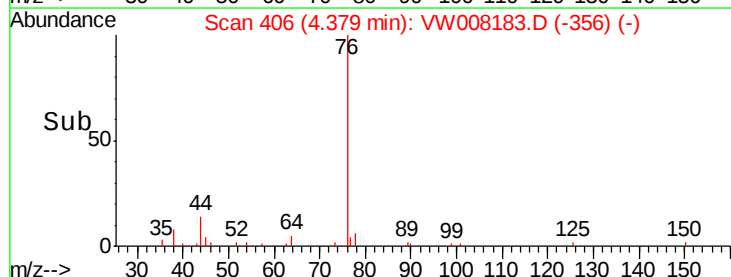
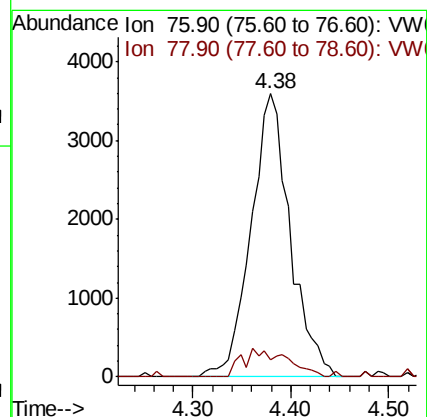
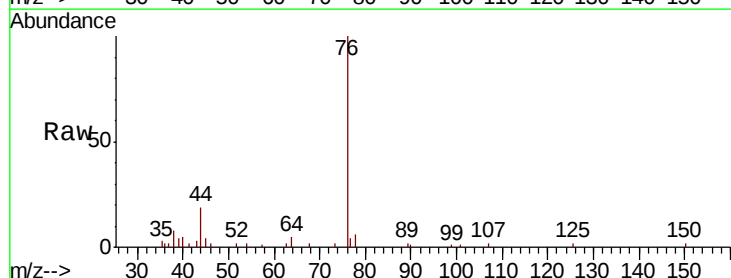
Acq: 11 Jan 2019 08:13

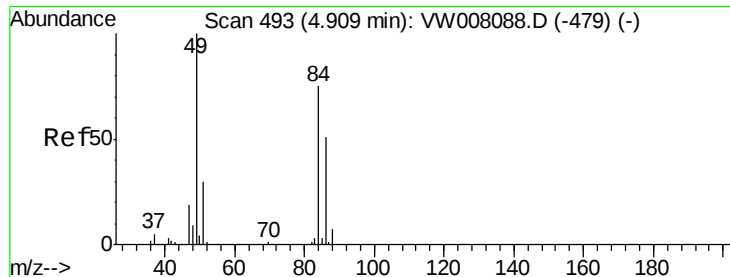
Tgt Ion: 76 Resp: 10009

Ion Ratio Lower Upper

76 100

78 5.9 7.0 10.6#

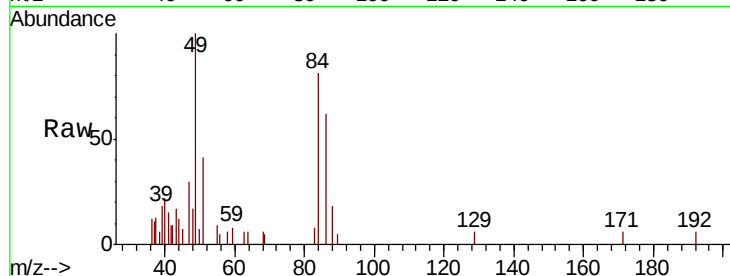




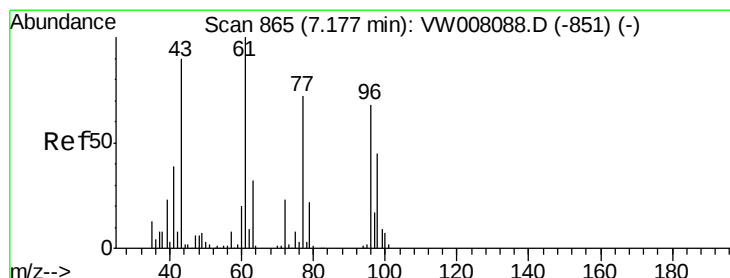
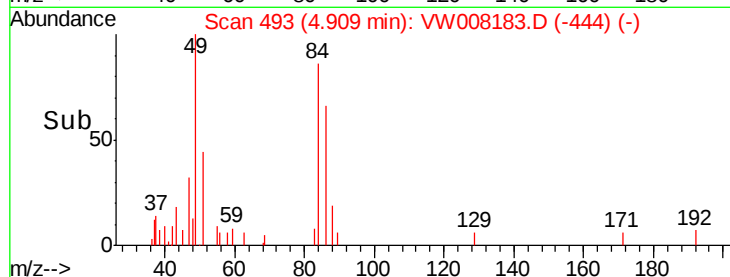
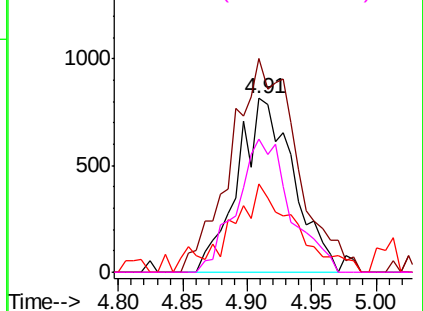
#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008183.D
Acq: 11 Jan 2019 08:13

Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(20-25)

Tgt Ion: 84 Resp: 2460
Ion Ratio Lower Upper
84 100
49 112.3 107.1 160.7
51 41.5 32.4 48.6
86 76.7 54.2 81.4

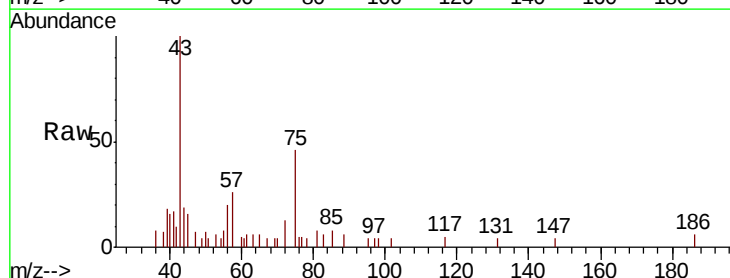


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

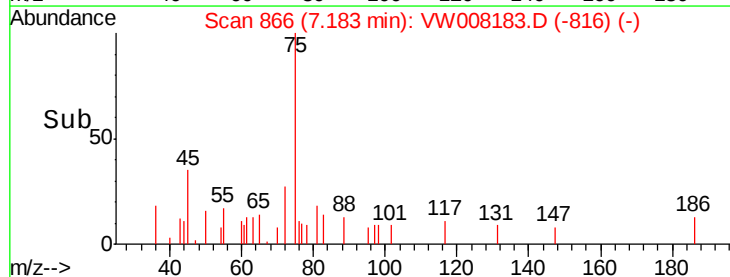
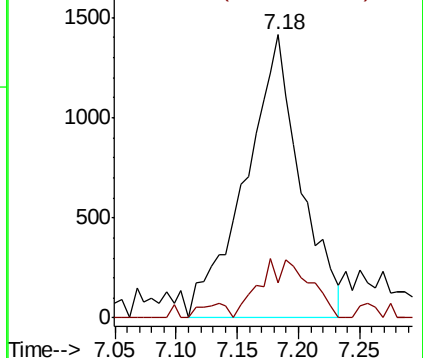


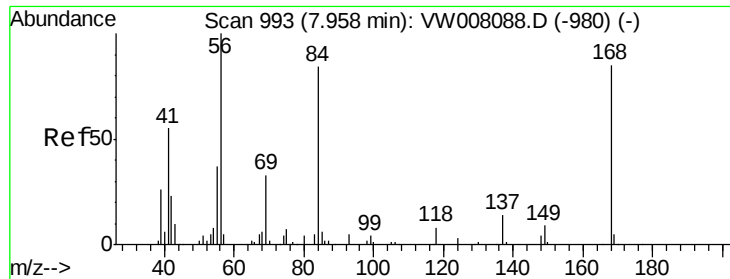
#25
2-Butanone
Concen: 12.887 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW008183.D
Acq: 11 Jan 2019 08:13

Tgt Ion: 43 Resp: 4422
Ion Ratio Lower Upper
43 100
72 12.5 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

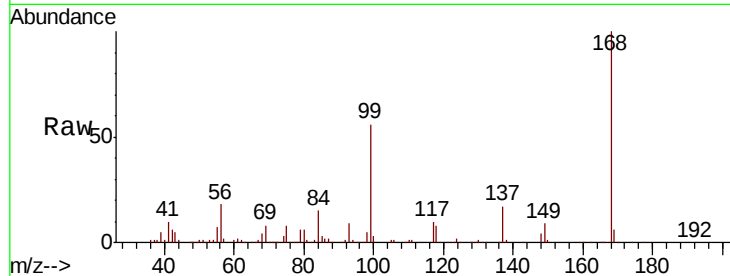




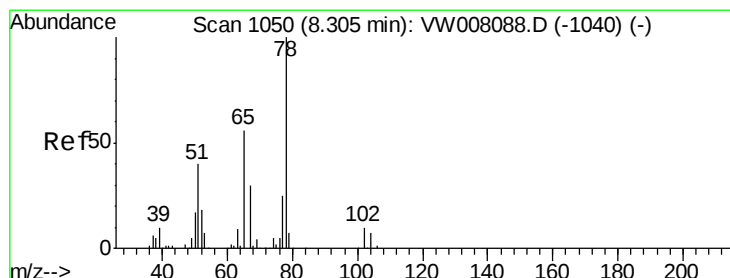
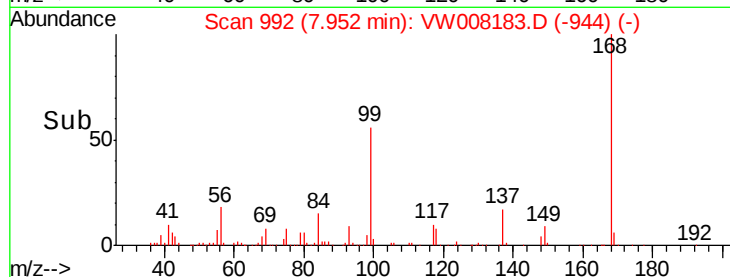
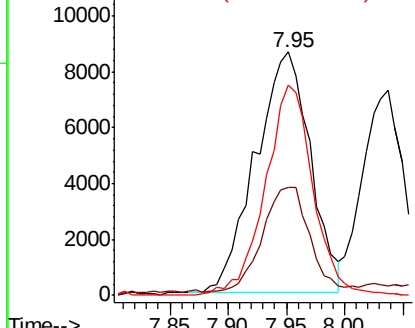
#31
Cyclohexane
Concen: 10.864 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008183.D
Acq: 11 Jan 2019 08:13

Instrument :
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CPSB-18(20-25)

Tgt Ion: 56 Resp: 28197
Ion Ratio Lower Upper
56 100
69 43.2 26.2 39.4#
84 87.2 67.4 101.2

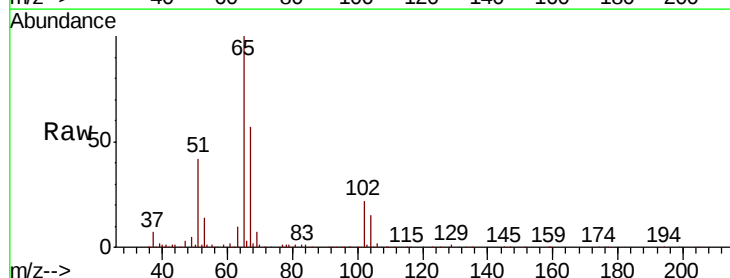


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

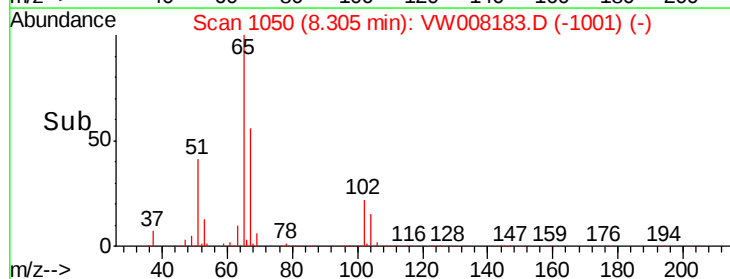
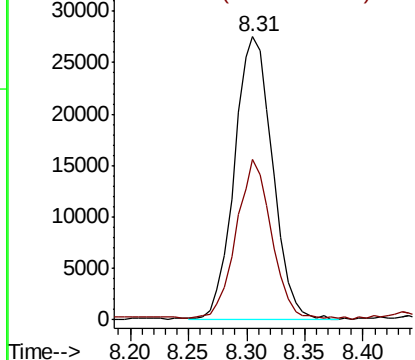


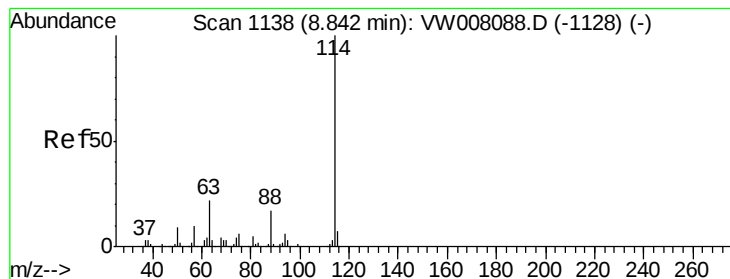
#33
1,2-Dichloroethane-d4
Concen: 50.103 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008183.D
Acq: 11 Jan 2019 08:13

Tgt Ion: 65 Resp: 61791
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-18(20-25)

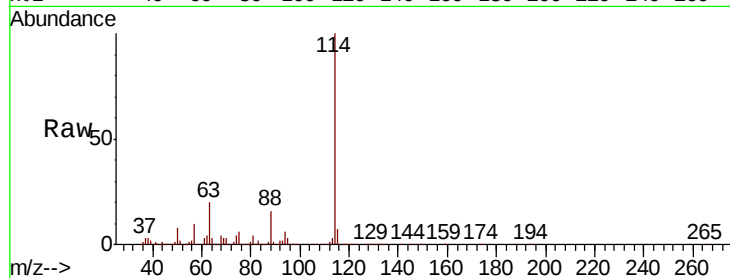
Tgt Ion:114 Resp: 188517

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.4

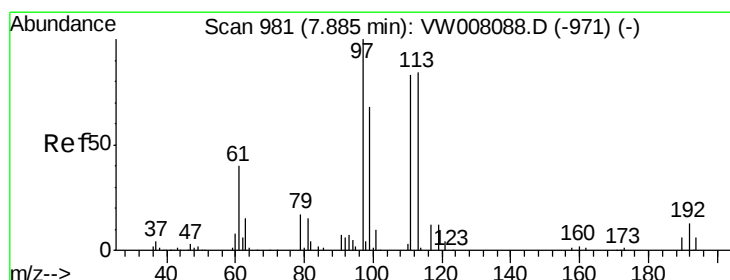
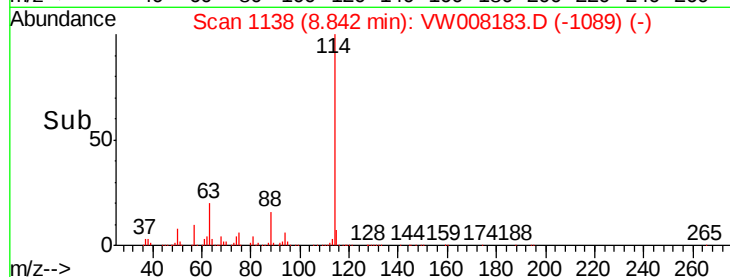
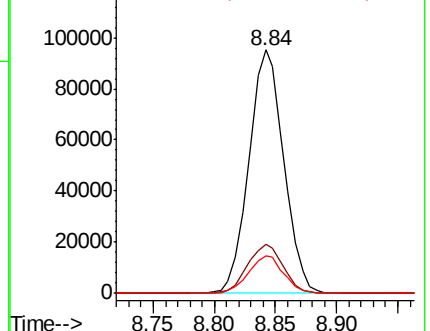
88 15.7 0.0 33.4



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: 52.326 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

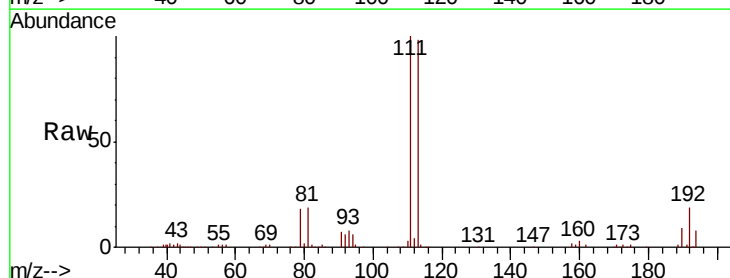
Tgt Ion:113 Resp: 57533

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

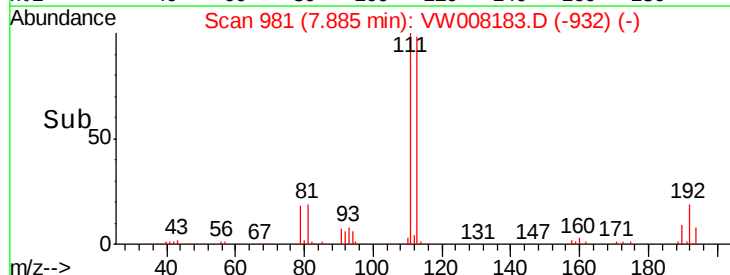
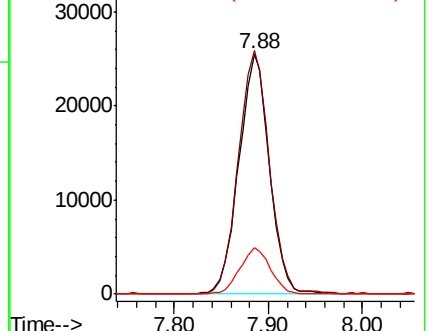
192 19.5 12.8 19.2#

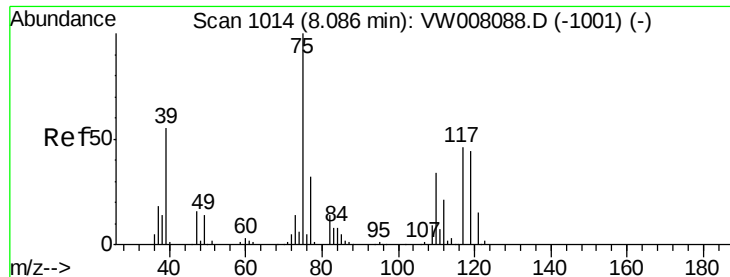


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

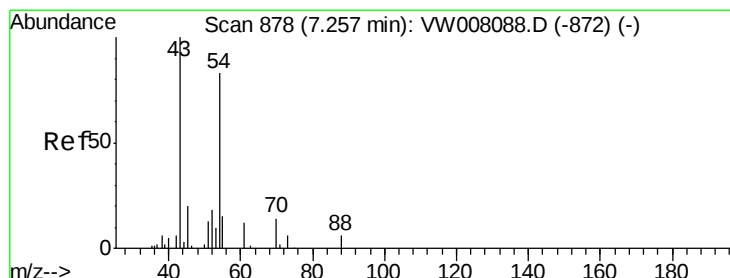
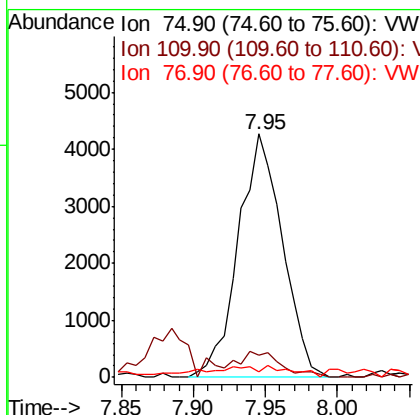
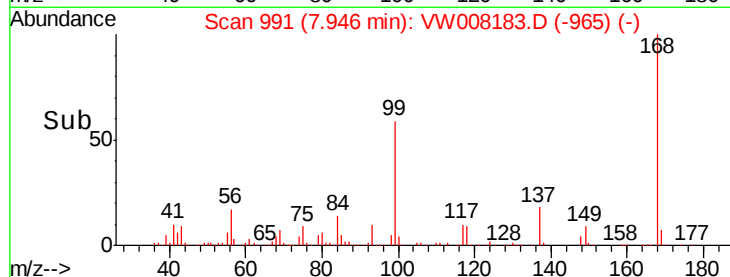
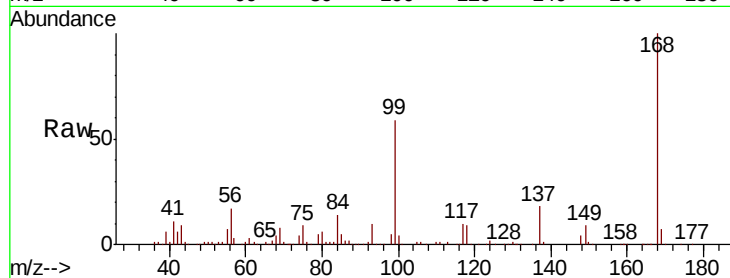




#36
 1,1-Dichloropropene
 Concen: 4.683 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008183.D
 Acq: 11 Jan 2019 08:13

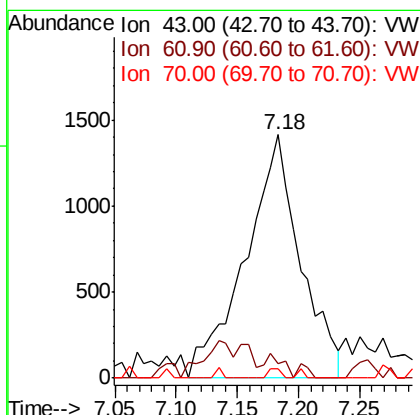
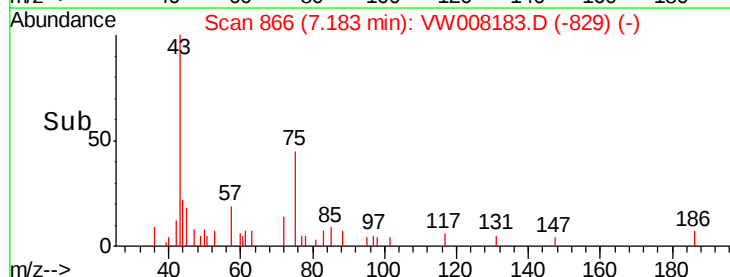
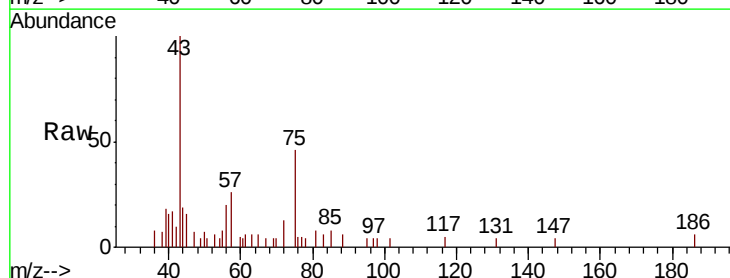
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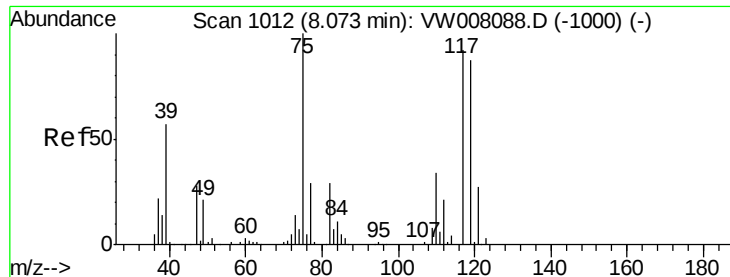
Tgt Ion: 75 Resp: 9094
 Ion Ratio Lower Upper
 75 100
 110 10.5 17.1 51.3#
 77 1.1 25.5 38.3#



#37
 Ethyl Acetate
 Concen: 5.684 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.07 min
 Lab File: VW008183.D
 Acq: 11 Jan 2019 08:13

Tgt Ion: 43 Resp: 4422
 Ion Ratio Lower Upper
 43 100
 61 2.6 10.6 16.0#
 70 0.9 8.9 13.3#

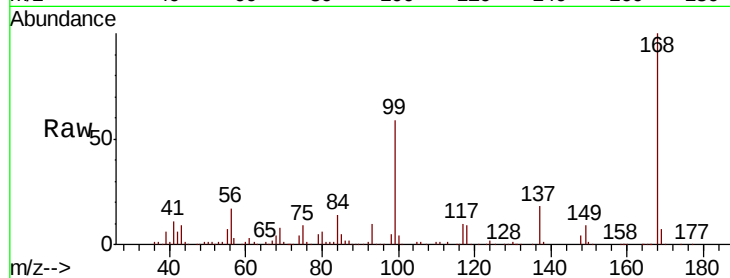




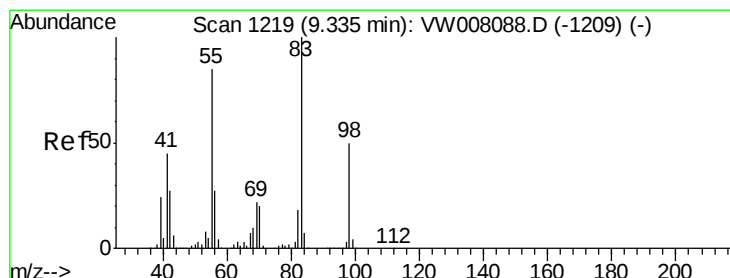
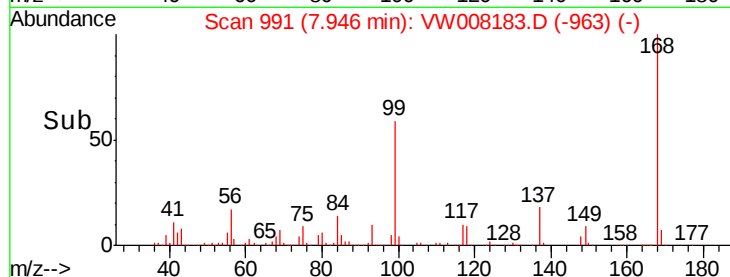
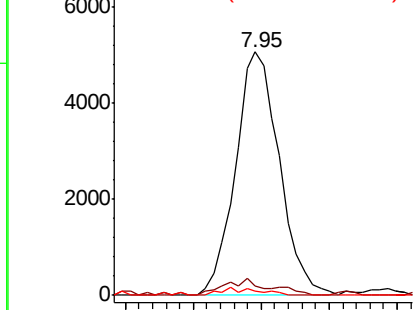
#38
Carbon Tetrachloride
Concen: 6.408 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008183.D
Acq: 11 Jan 2019 08:13

Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(20-25)

Tgt Ion:117 Resp: 11389
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.8#
121 1.7 23.7 35.5#

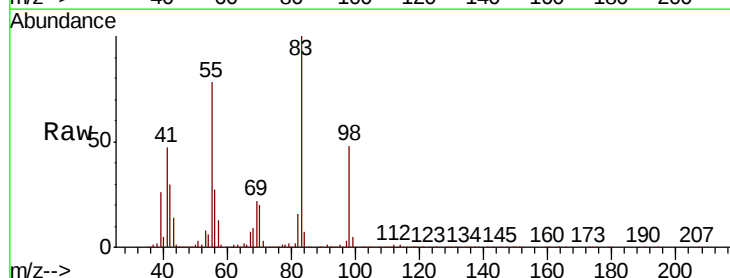


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

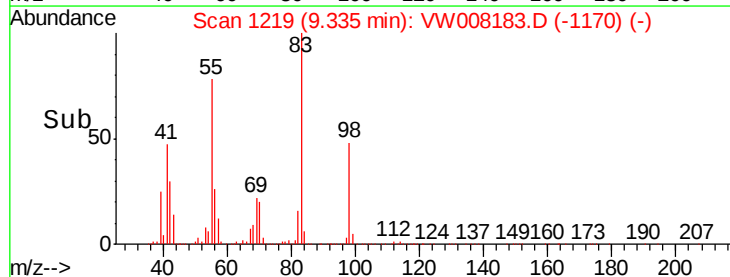
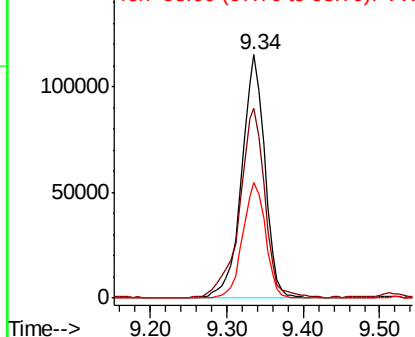


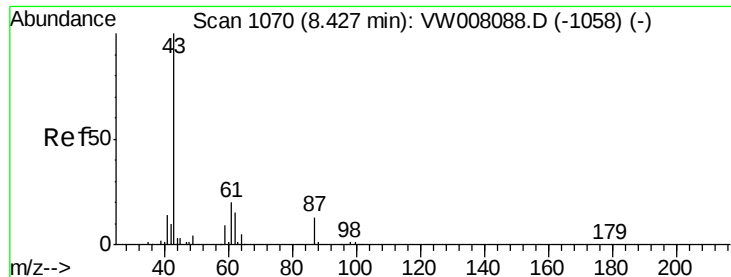
#39
Methylcyclohexane
Concen: 97.699 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008183.D
Acq: 11 Jan 2019 08:13

Tgt Ion: 83 Resp: 240566
Ion Ratio Lower Upper
83 100
55 77.7 67.8 101.6
98 47.8 40.2 60.4



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#43

Isopropyl Acetate

Concen: 6.262 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-18(20-25)

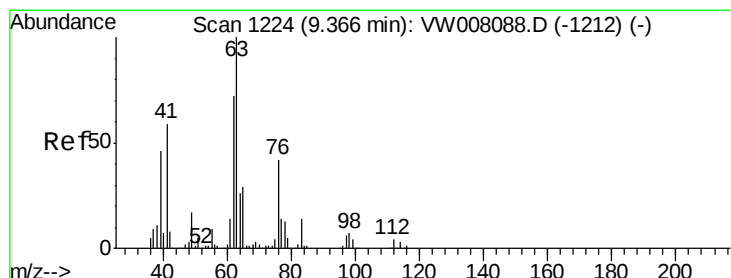
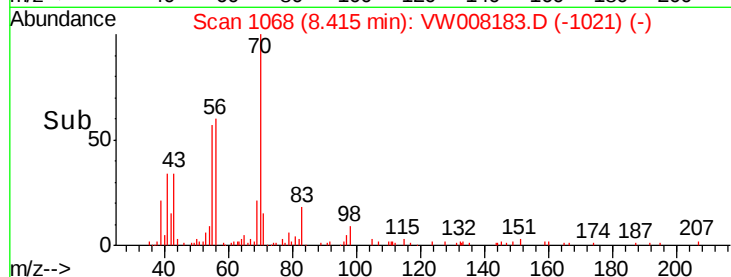
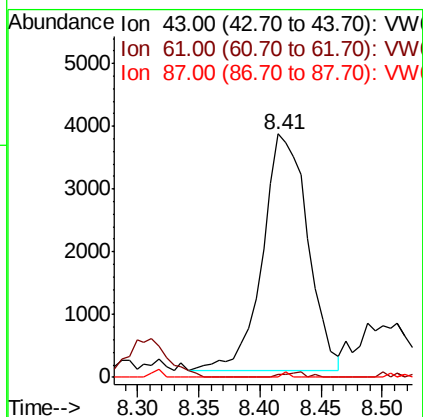
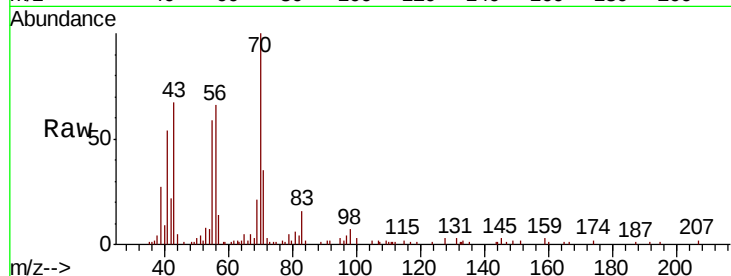
Tgt Ion: 43 Resp: 9741

Ion Ratio Lower Upper

43 100

61 1.2 24.8 37.2#

87 0.3 10.4 15.6#



#45

1,2-Dichloropropane

Concen: 1.992 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.03 min

Lab File: VW008183.D

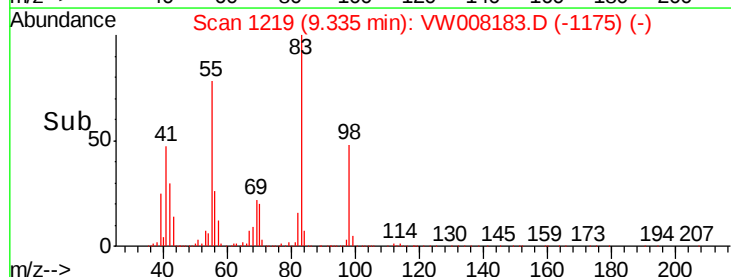
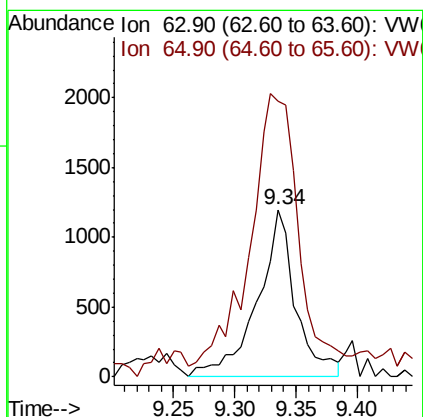
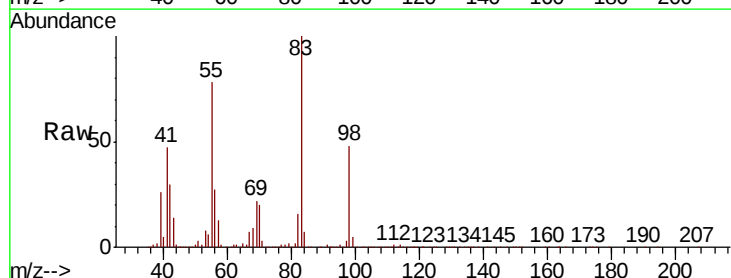
Acq: 11 Jan 2019 08:13

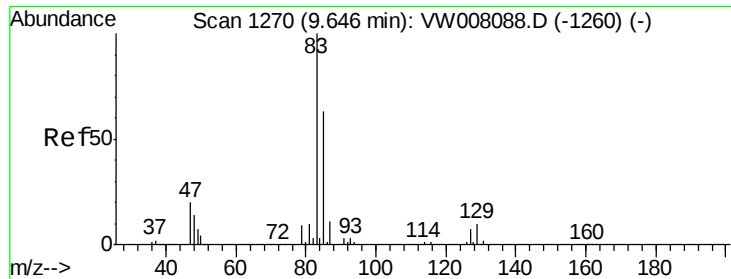
Tgt Ion: 63 Resp: 2602

Ion Ratio Lower Upper

63 100

65 159.4 23.3 34.9#





#47

Bromodichloromethane

Concen: 1.635 ug/l

RT: 9.75 min Scan# 1287

Delta R.T. 0.10 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-18(20-25)

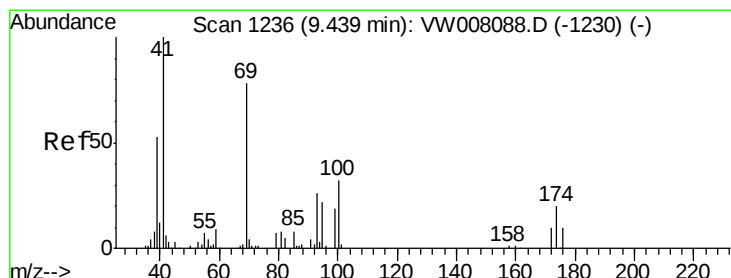
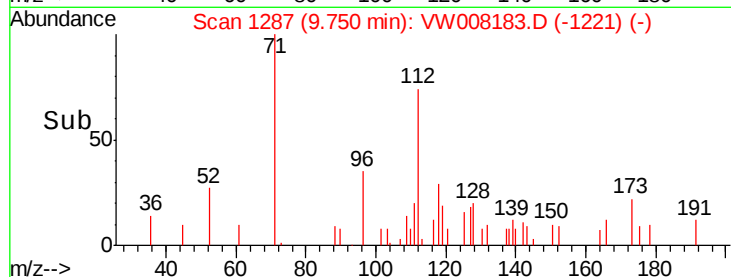
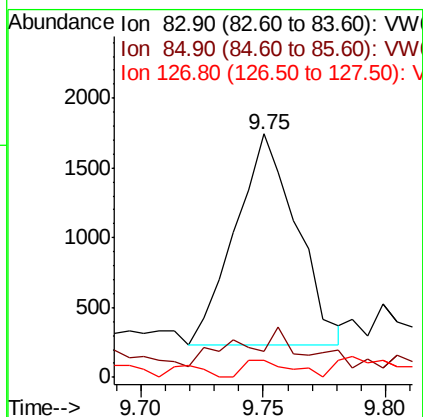
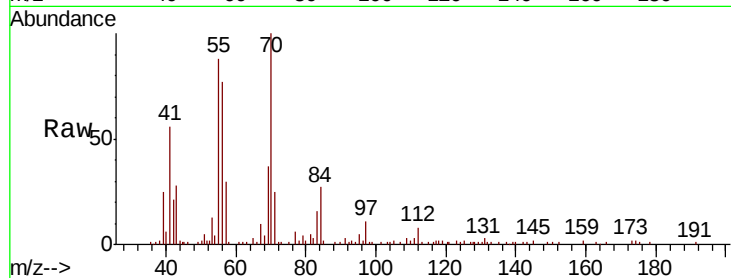
Tgt Ion: 83 Resp: 2663

Ion Ratio Lower Upper

83 100

85 7.2 50.7 76.1#

127 2.9 6.0 9.0#



#48

Methyl methacrylate

Concen: 5.335 ug/l

RT: 9.52 min Scan# 1249

Delta R.T. 0.08 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

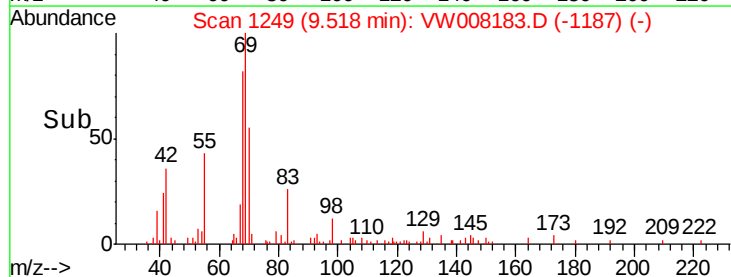
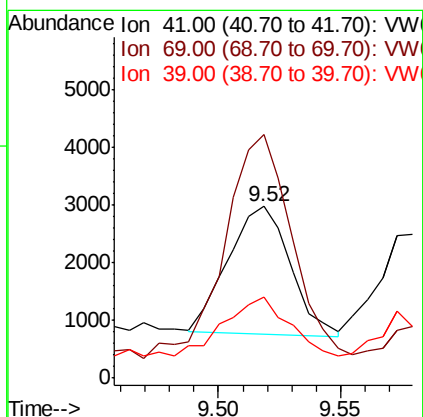
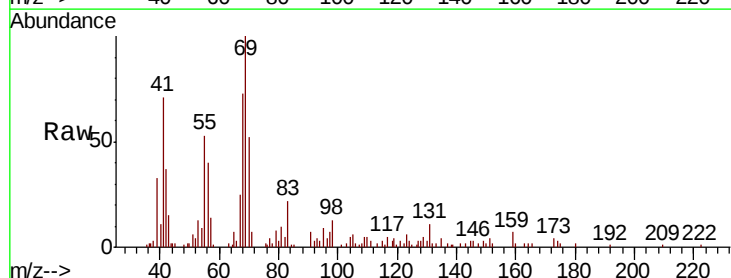
Tgt Ion: 41 Resp: 3916

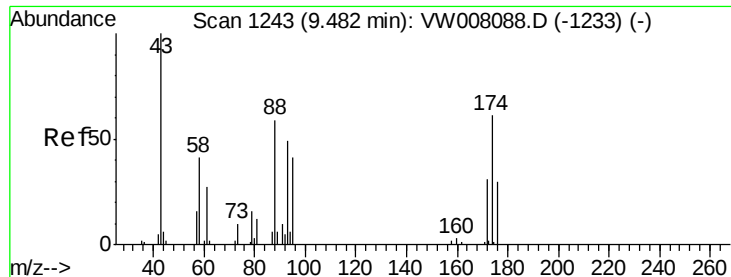
Ion Ratio Lower Upper

41 100

69 188.7 61.9 92.9#

39 0.0 43.0 64.4#

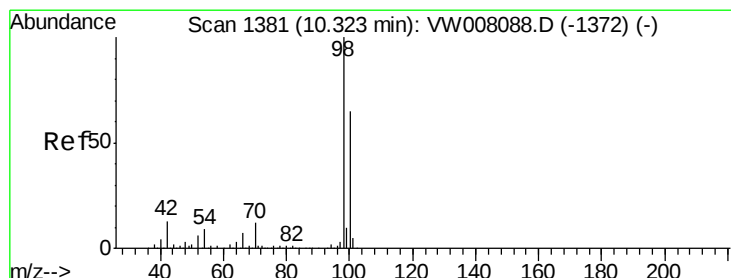
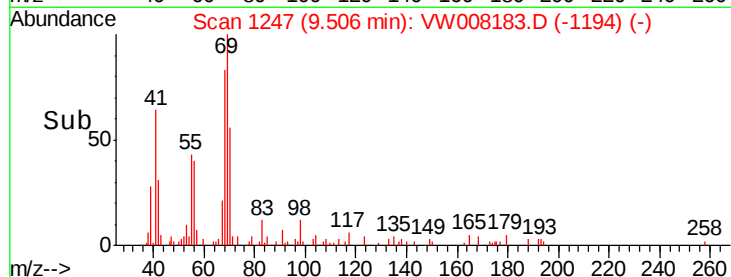
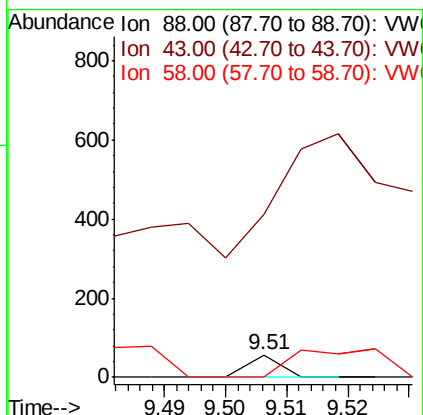
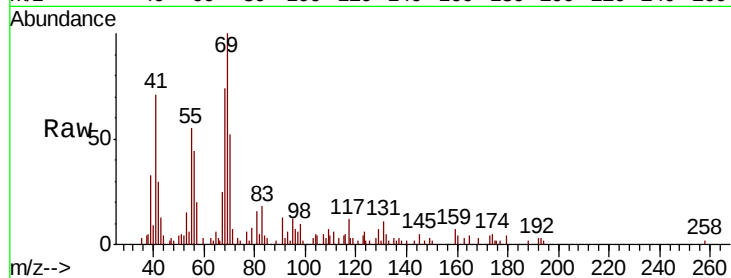




#49
1,4-Dioxane
Concen: 2.036 ug/l
RT: 9.51 min Scan# 1247
Delta R.T. 0.02 min
Lab File: VW008183.D
Acq: 11 Jan 2019 08:13

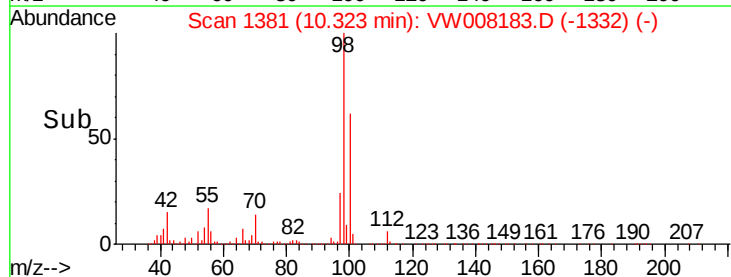
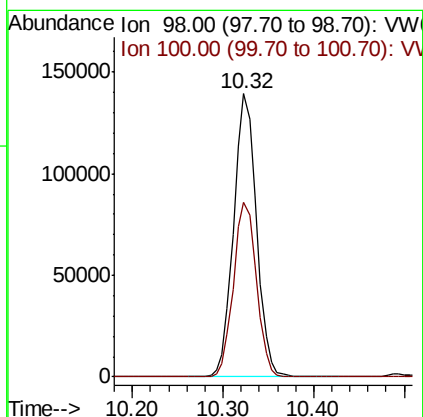
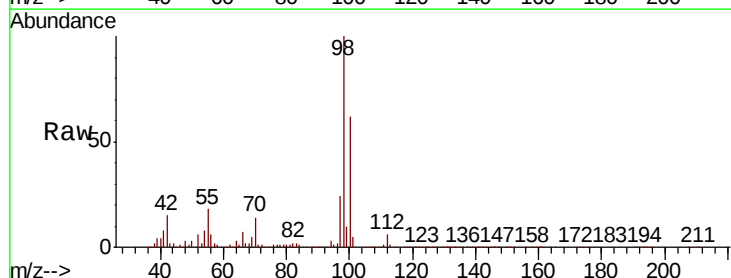
Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(20-25)

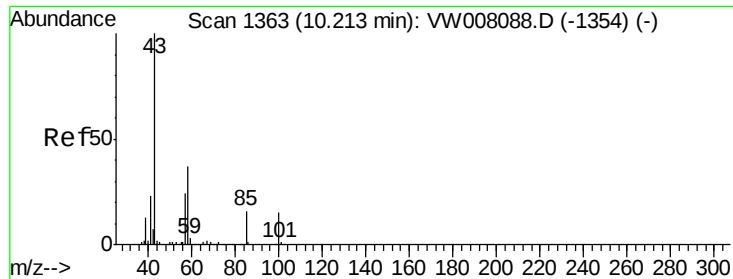
Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 352.4 61.7 92.5#



#50
Toluene-d8
Concen: 52.746 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008183.D
Acq: 11 Jan 2019 08:13

Tgt Ion: 98 Resp: 243369
Ion Ratio Lower Upper
98 100
100 62.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 2.040 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

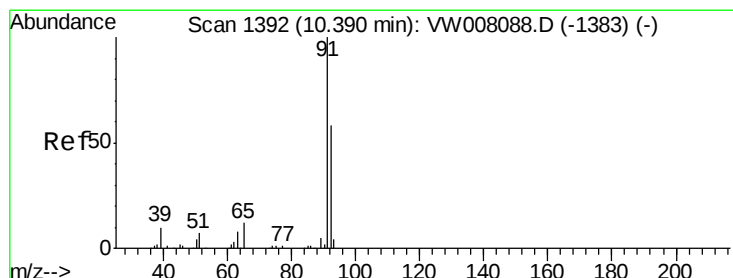
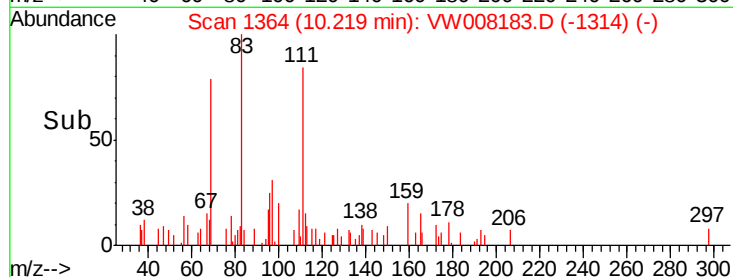
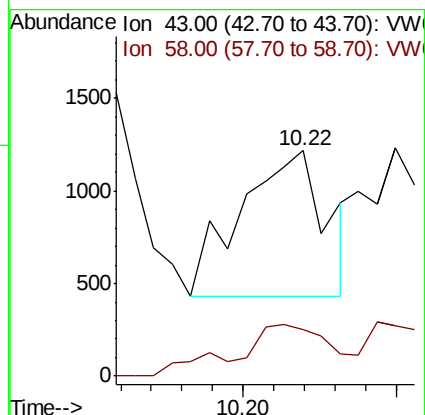
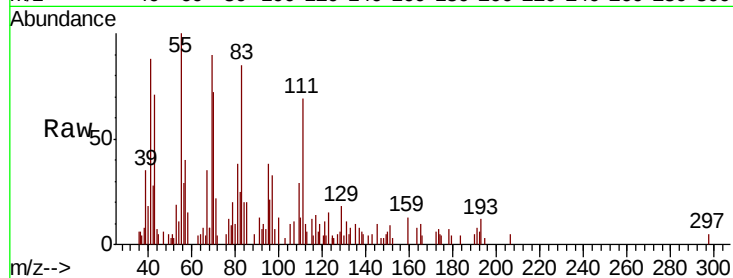
CPSB-18(20-25)

Tgt Ion: 43 Resp: 1536

Ion Ratio Lower Upper

43 100

58 40.4 30.6 46.0



#52

Toluene

Concen: 2.038 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008183.D

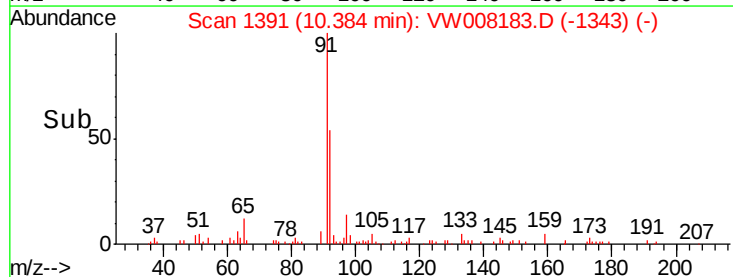
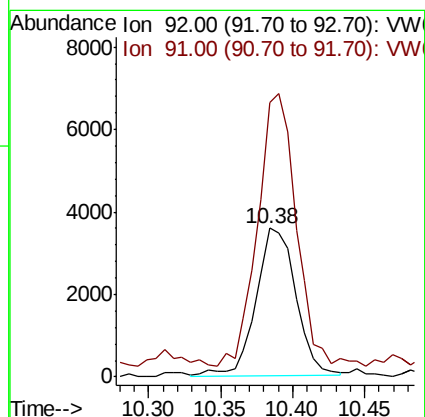
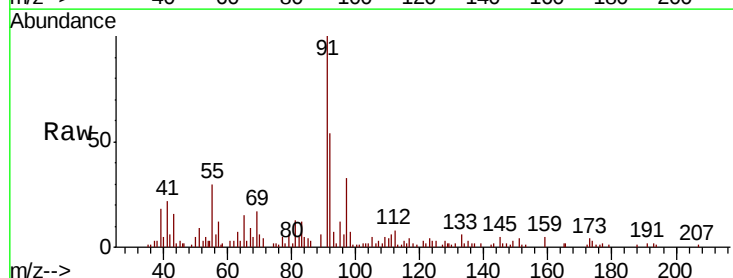
Acq: 11 Jan 2019 08:13

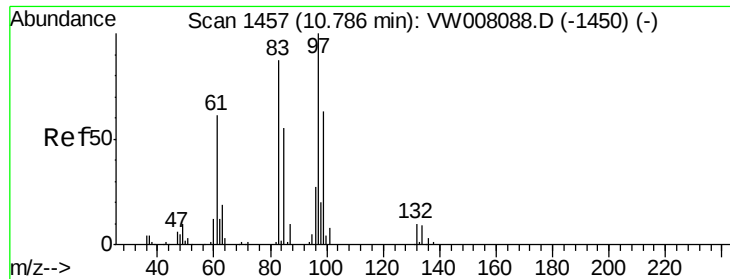
Tgt Ion: 92 Resp: 6856

Ion Ratio Lower Upper

92 100

91 179.0 137.0 205.4

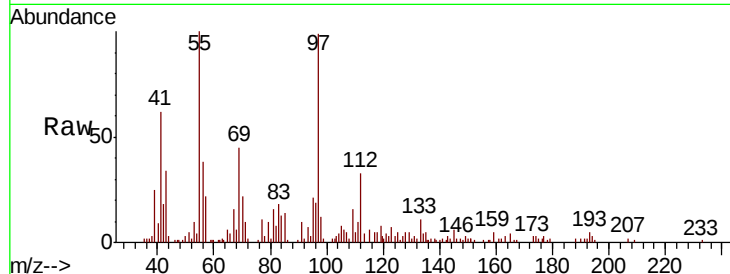




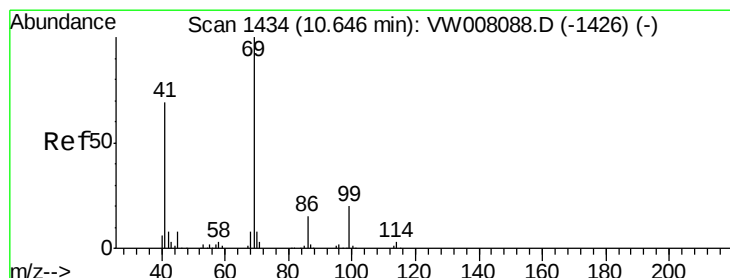
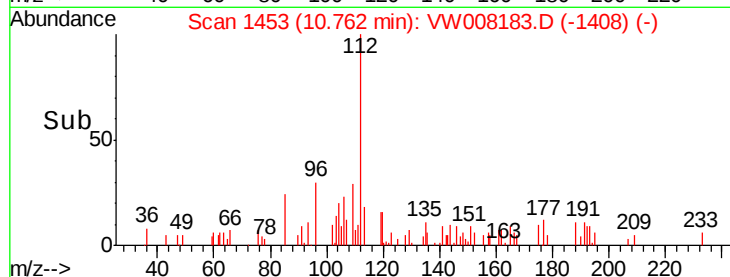
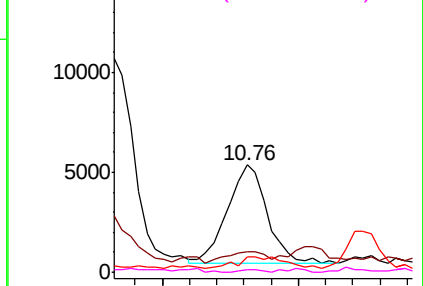
#55
 1,1,2-Trichloroethane
 Concen: 11.262 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW008183.D
 Acq: 11 Jan 2019 08:13

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-18(20-25)

Tgt Ion: 97 Resp: 10141
 Ion Ratio Lower Upper
 97 100
 83 6.4 69.3 103.9#
 85 8.8 43.8 65.6#
 99 1.5 50.0 75.0#

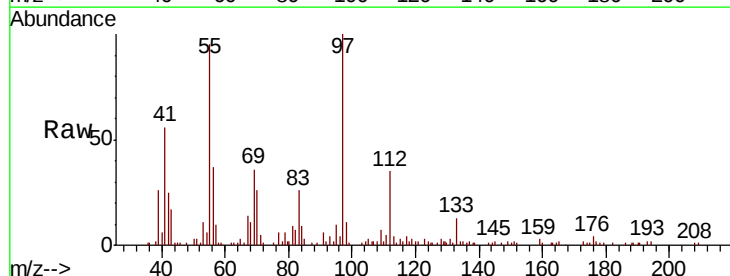


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

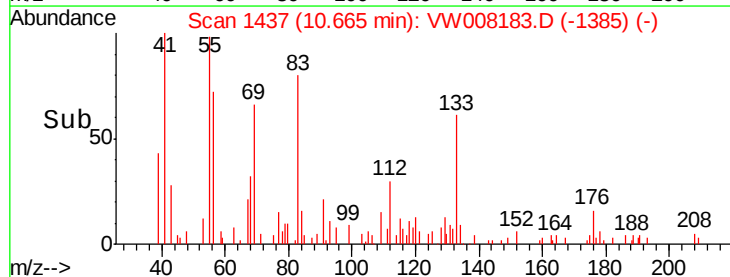
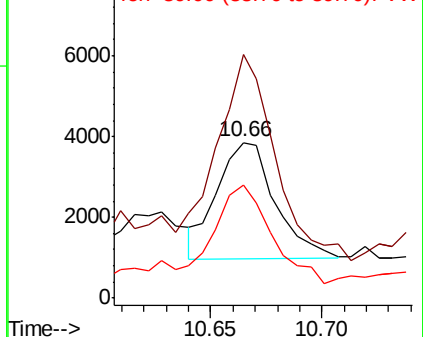


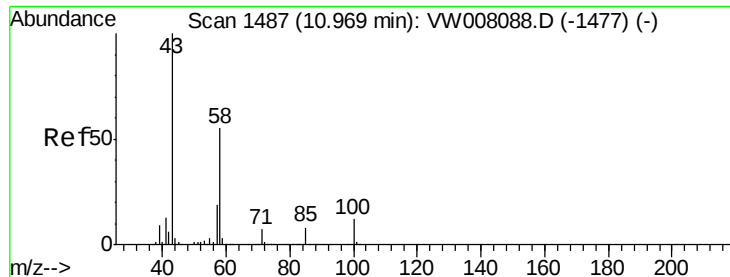
#56
 Ethyl methacrylate
 Concen: 4.698 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW008183.D
 Acq: 11 Jan 2019 08:13

Tgt Ion: 69 Resp: 5239
 Ion Ratio Lower Upper
 69 100
 41 179.8 56.4 84.6#
 39 85.4 28.1 42.1#



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

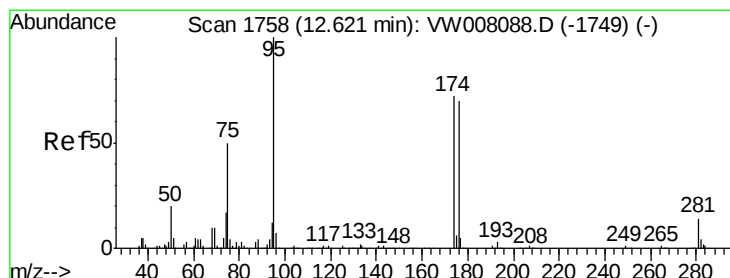
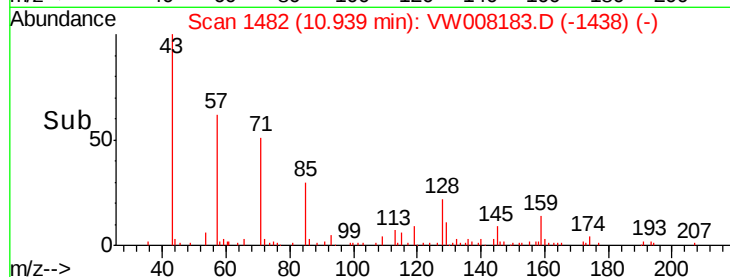
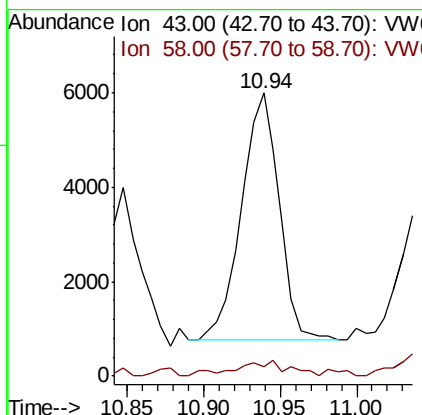
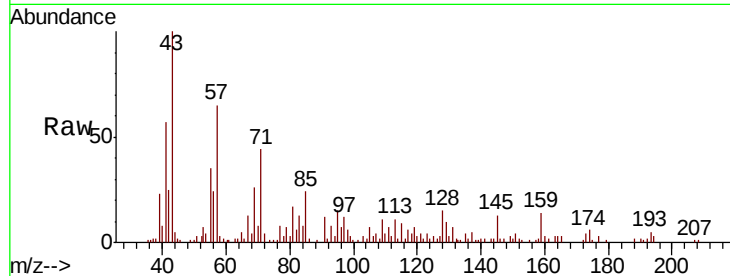




#59
2-Hexanone
Concen: 17.626 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW008183.D
Acq: 11 Jan 2019 08:13

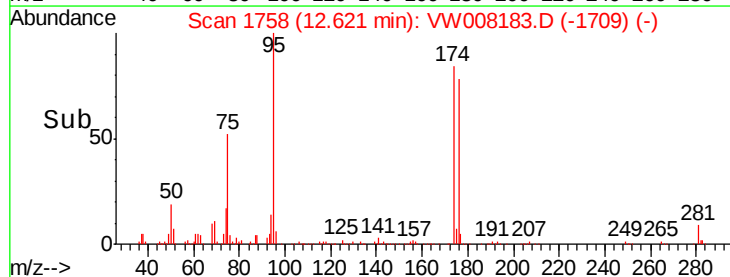
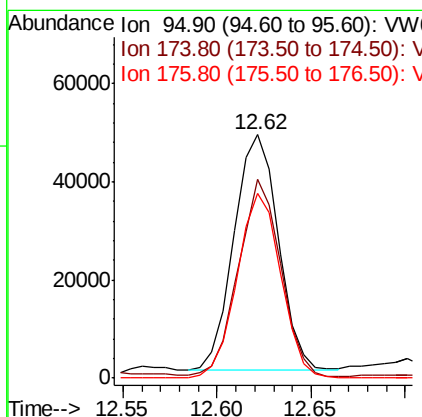
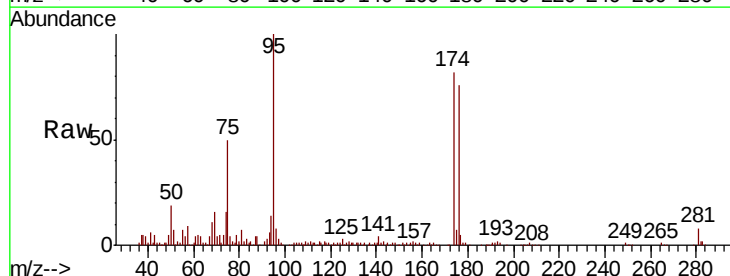
Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(20-25)

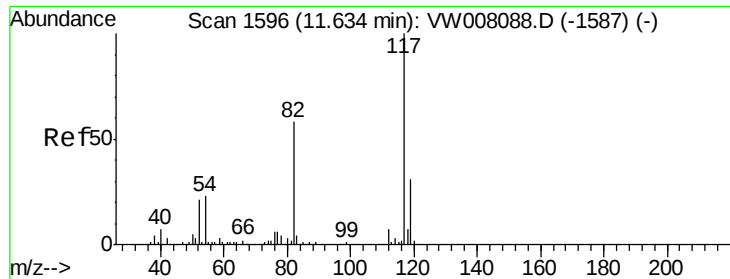
Tgt Ion: 43 Resp: 8975
Ion Ratio Lower Upper
43 100
58 7.4 27.2 81.5#



#62
4-Bromofluorobenzene
Concen: 47.298 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008183.D
Acq: 11 Jan 2019 08:13

Tgt Ion: 95 Resp: 78235
Ion Ratio Lower Upper
95 100
174 79.6 0.0 143.0
176 77.9 0.0 140.2

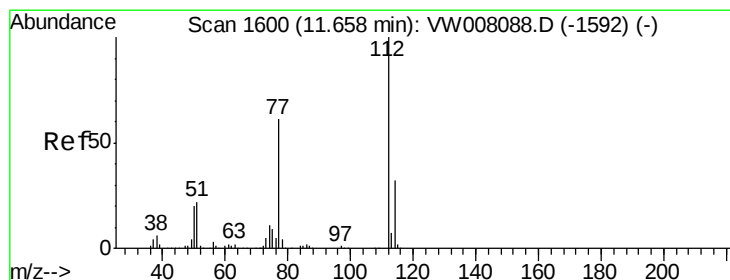
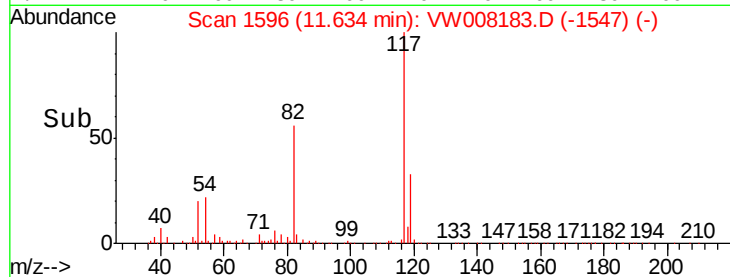
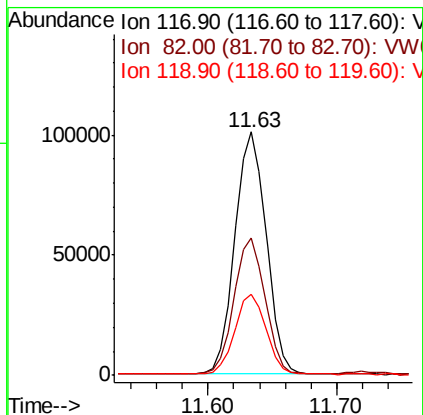
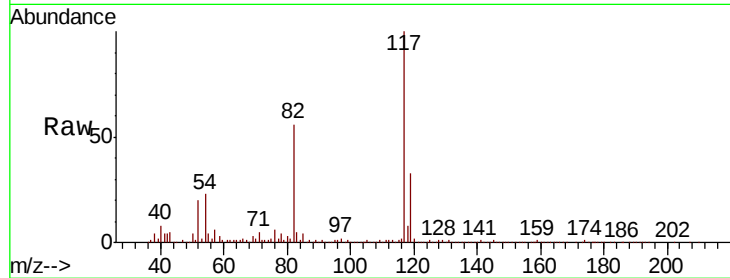




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008183.D
Acq: 11 Jan 2019 08:13

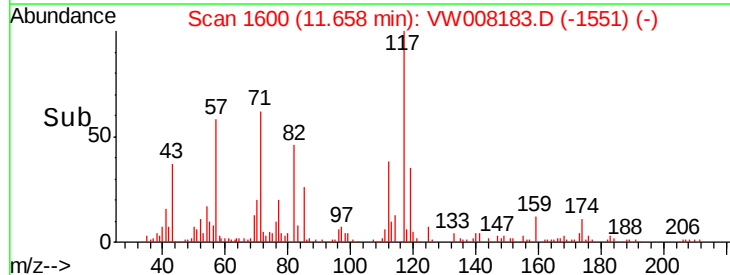
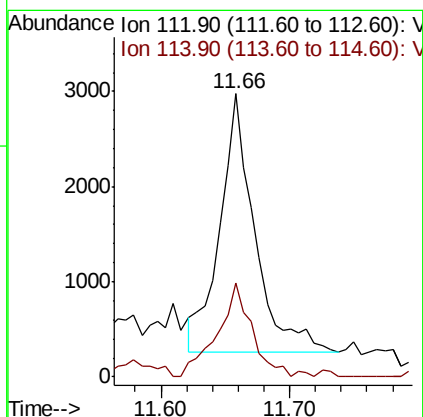
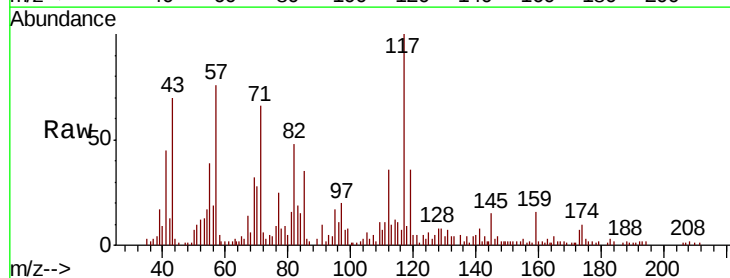
Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(20-25)

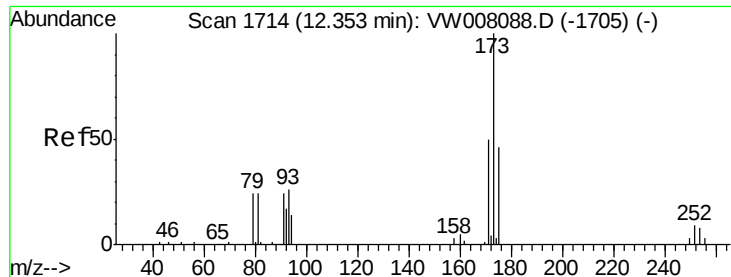
Tgt Ion:117 Resp: 170479
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 32.8 24.7 37.1



#65
Chlorobenzene
Concen: 1.423 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008183.D
Acq: 11 Jan 2019 08:13

Tgt Ion:112 Resp: 5139
Ion Ratio Lower Upper
112 100
114 36.5 25.6 38.4





#71

Bromoform

Concen: 1.347 ug/l

RT: 12.37 min Scan# 1717

Delta R.T. 0.02 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-18(20-25)

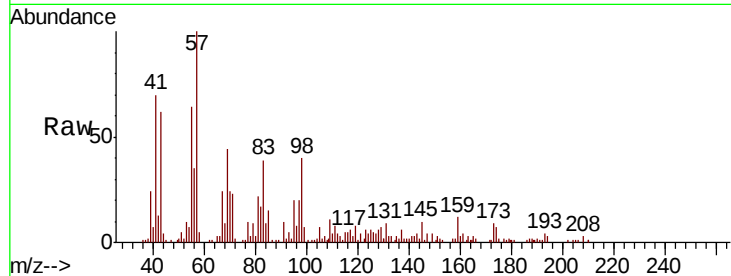
Tgt Ion:173 Resp: 708

Ion Ratio Lower Upper

173 100

175 52.8 23.3 69.8

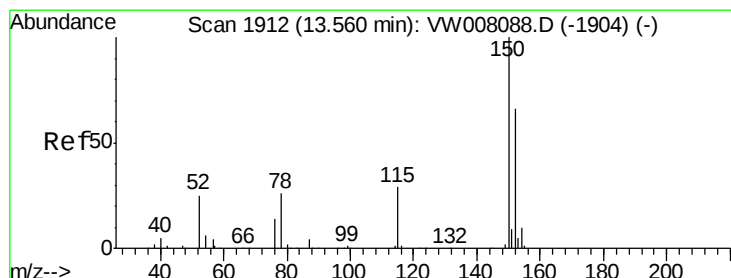
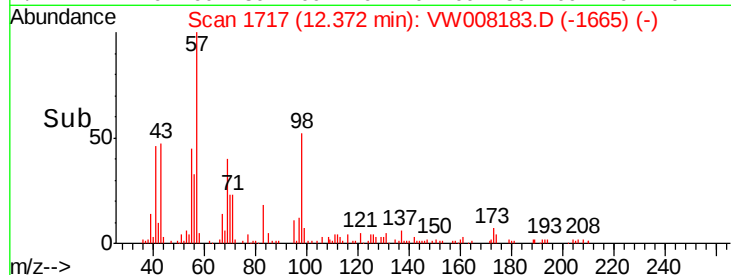
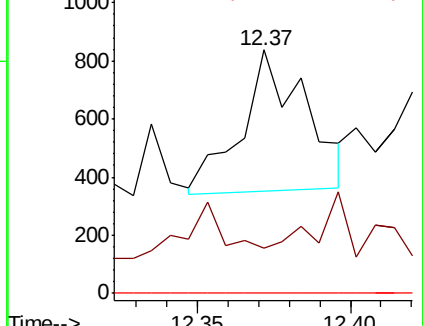
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VW008183.D

Acq: 11 Jan 2019 08:13

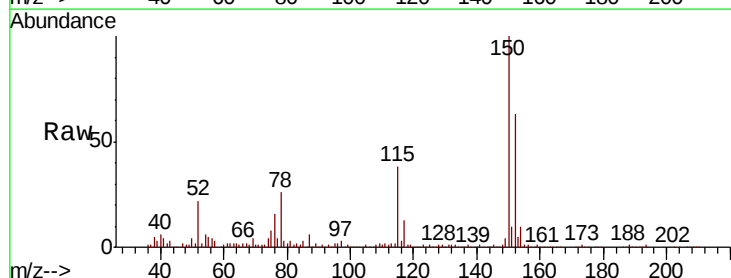
Tgt Ion:152 Resp: 78423

Ion Ratio Lower Upper

152 100

115 58.8 30.8 92.4

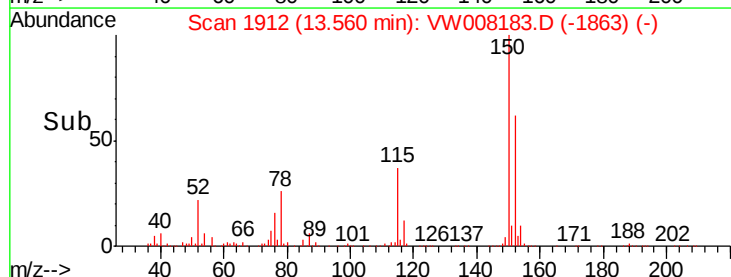
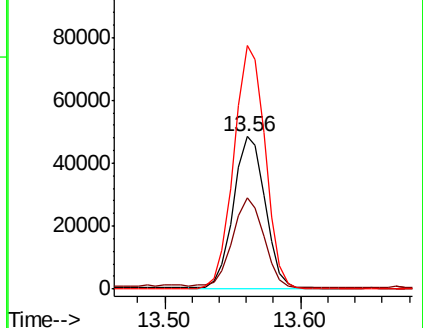
150 158.4 0.0 350.2

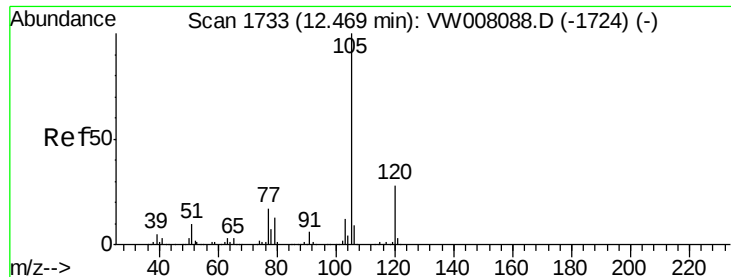


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.491 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

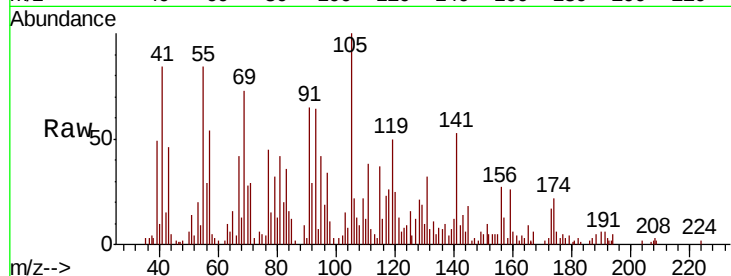
CPSB-18(20-25)

Tgt Ion:105 Resp: 9178

Ion Ratio Lower Upper

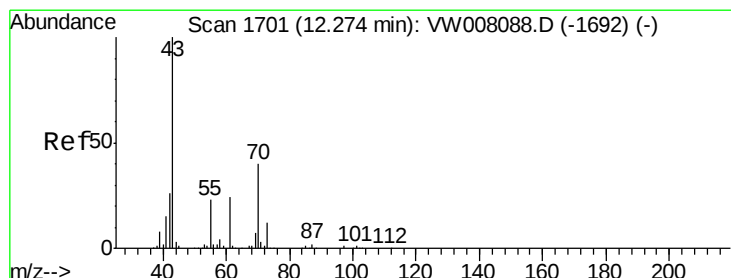
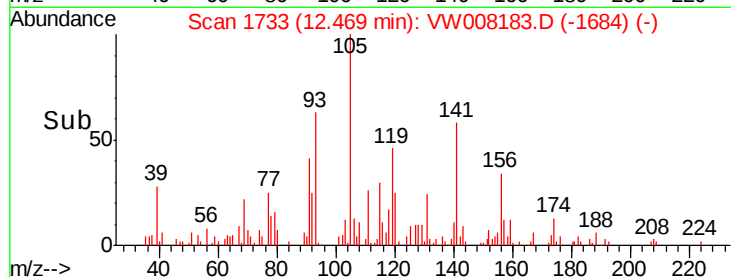
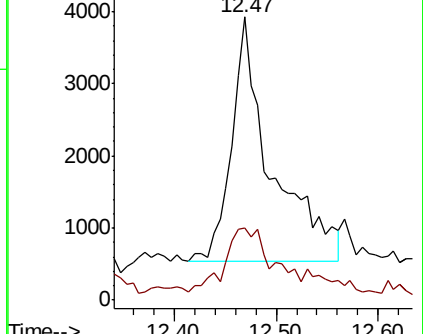
105 100

120 29.8 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 7.323 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

Tgt Ion: 43 Resp: 9985

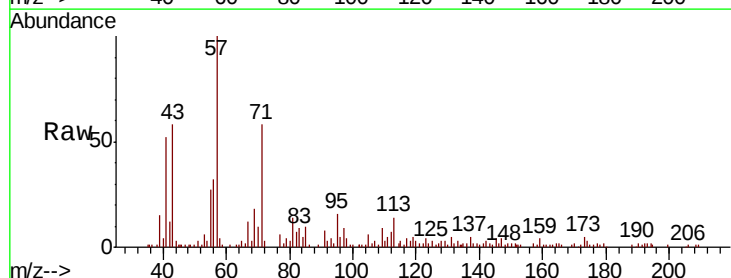
Ion Ratio Lower Upper

43 100

70 11.3 32.4 48.6#

55 49.0 18.7 28.1#

61 0.6 19.0 28.6#

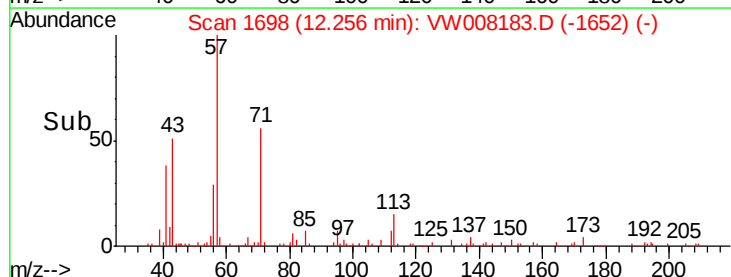
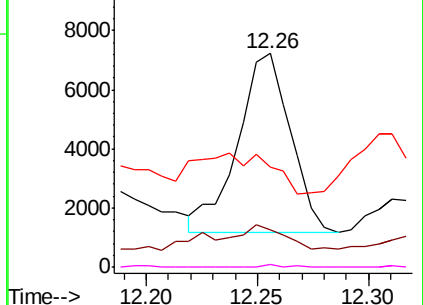


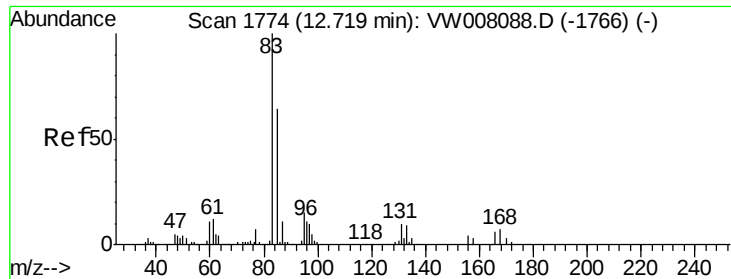
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 3.298 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-18(20-25)

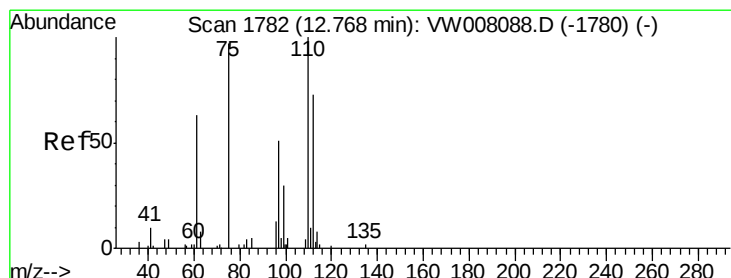
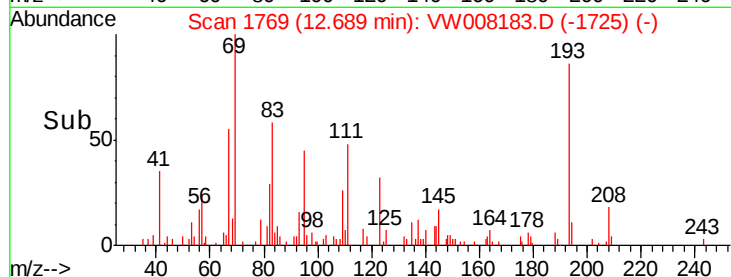
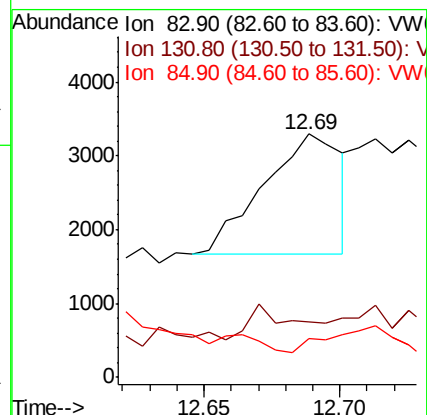
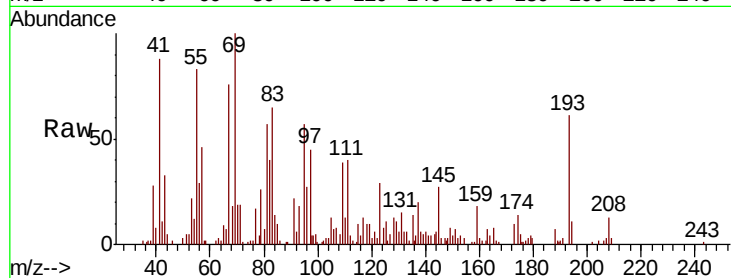
Tgt Ion: 83 Resp: 3250

Ion Ratio Lower Upper

83 100

131 14.8 5.3 16.1

85 0.0 32.4 97.2#



#76

1,2,3-Trichloropropane

Concen: 55.671 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008183.D

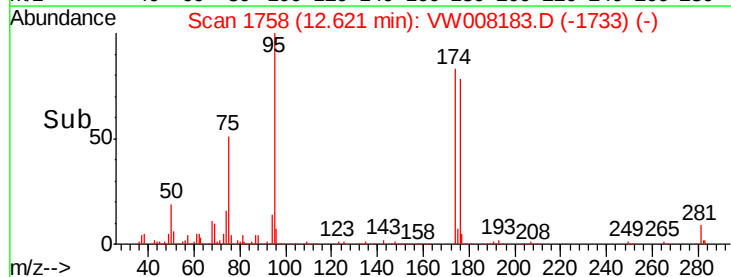
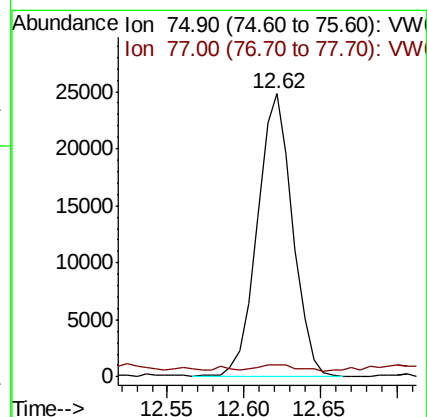
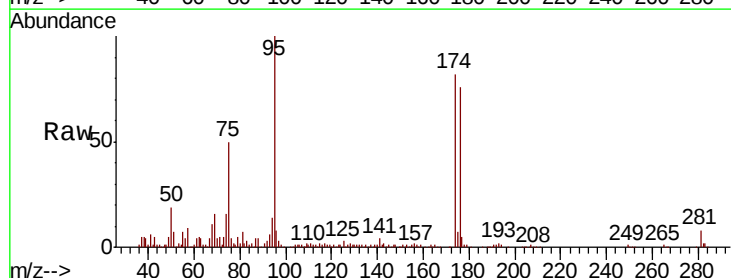
Acq: 11 Jan 2019 08:13

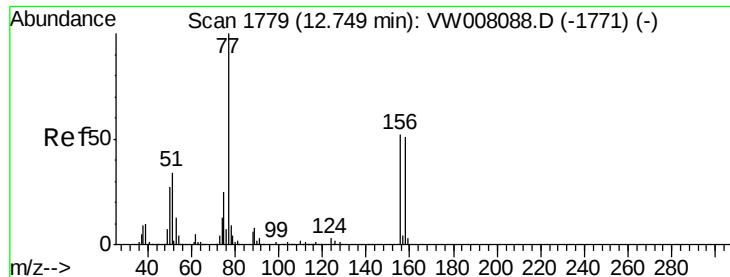
Tgt Ion: 75 Resp: 39800

Ion Ratio Lower Upper

75 100

77 2.4 179.4 538.2#





#77

Bromobenzene

Concen: 25.499 ug/l

RT: 12.96 min Scan# 1813

Delta R.T. 0.21 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-18(20-25)

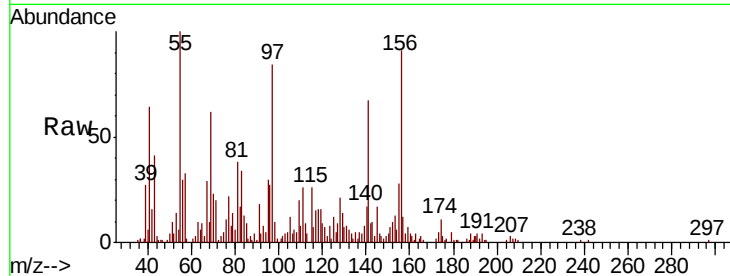
Tgt Ion:156 Resp: 33173

Ion Ratio Lower Upper

156 100

77 5.3 104.2 312.5#

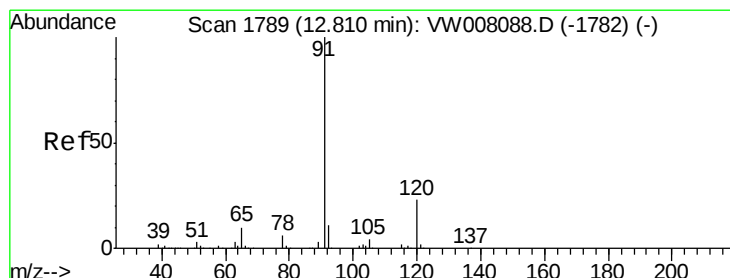
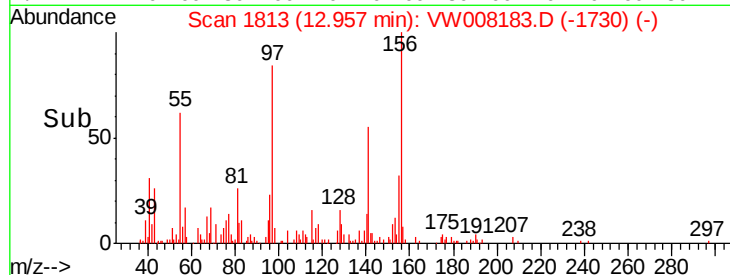
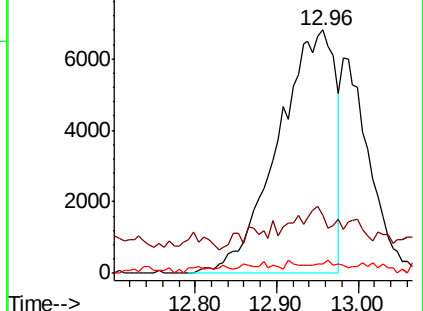
158 0.8 47.9 143.6#



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



#78

n-propylbenzene

Concen: 1.126 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008183.D

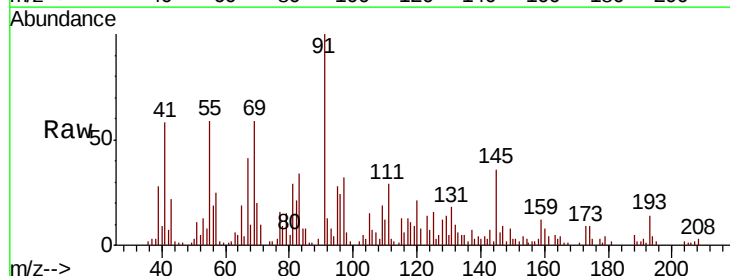
Acq: 11 Jan 2019 08:13

Tgt Ion: 91 Resp: 8493

Ion Ratio Lower Upper

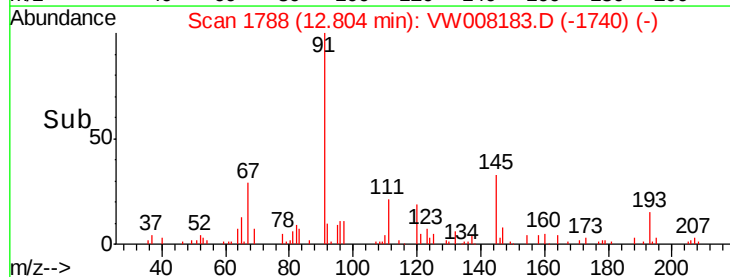
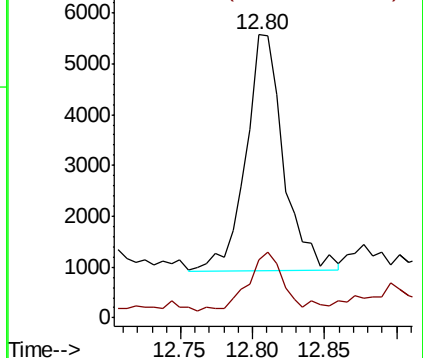
91 100

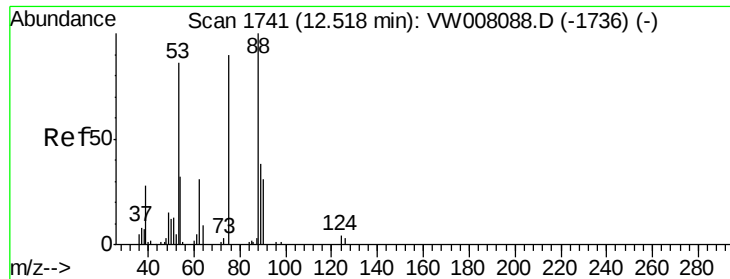
120 24.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 129.641 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-18(20-25)

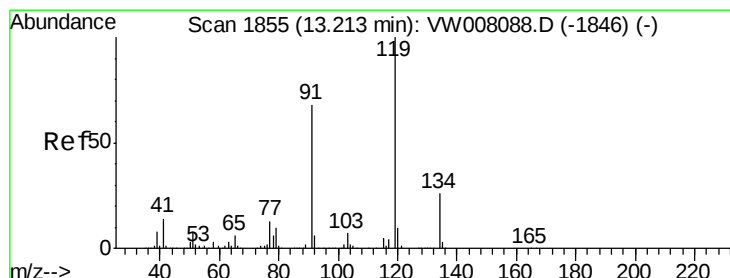
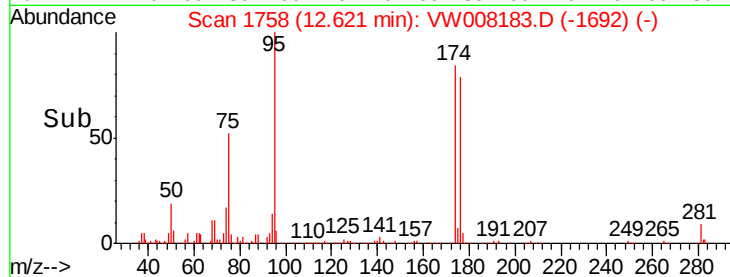
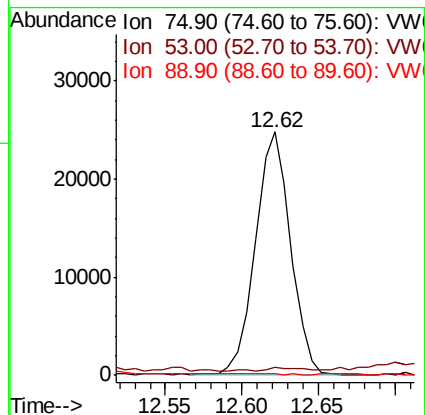
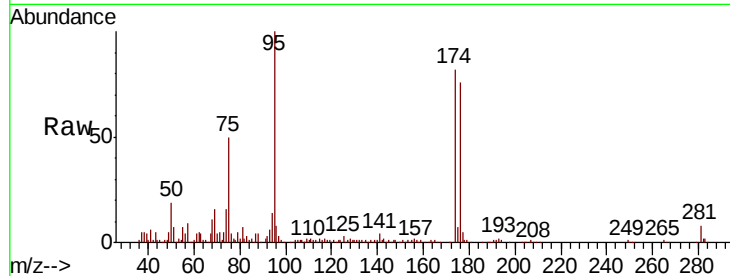
Tgt Ion: 75 Resp: 39800

Ion Ratio Lower Upper

75 100

53 0.9 78.8 118.2#

89 0.0 35.4 53.2#



#83

tert-Butylbenzene

Concen: 1.509 ug/l

RT: 13.24 min Scan# 1859

Delta R.T. 0.02 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

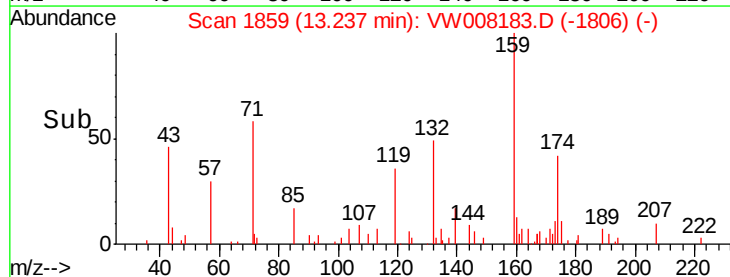
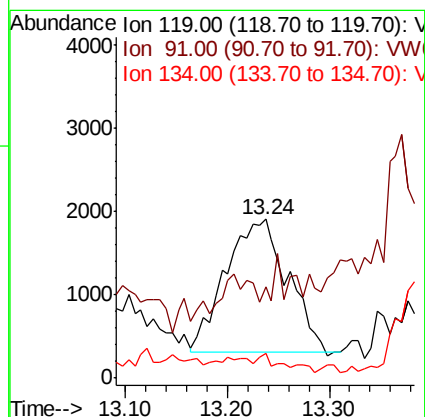
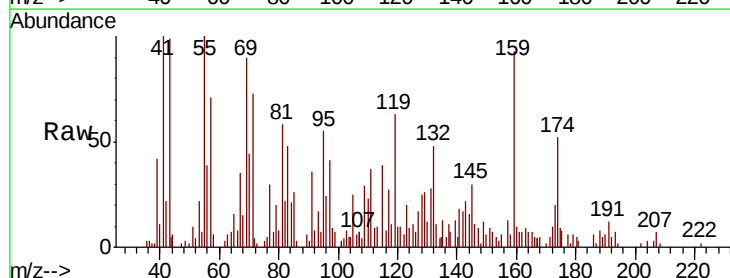
Tgt Ion: 119 Resp: 6755

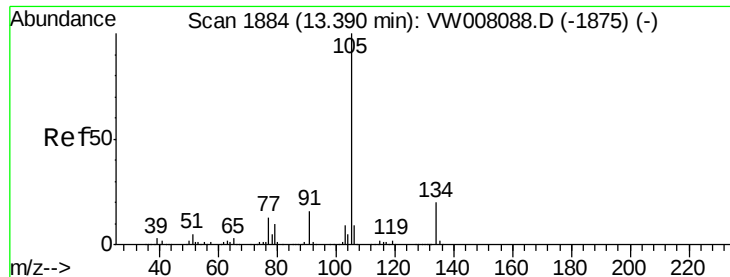
Ion Ratio Lower Upper

119 100

91 6.2 33.9 101.6#

134 2.2 13.6 40.8#





#85

sec-Butylbenzene

Concen: 1.173 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008183.D

Acq: 11 Jan 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

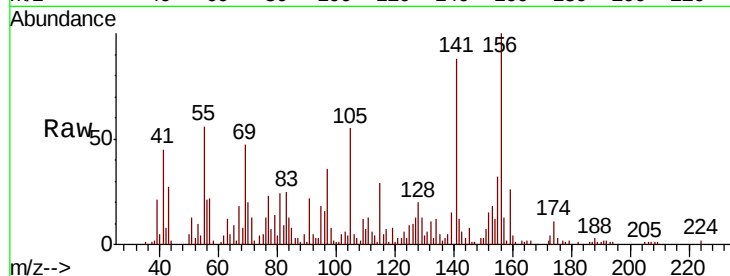
CPSB-18(20-25)

Tgt Ion:105 Resp: 7692

Ion Ratio Lower Upper

105 100

134 32.4 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

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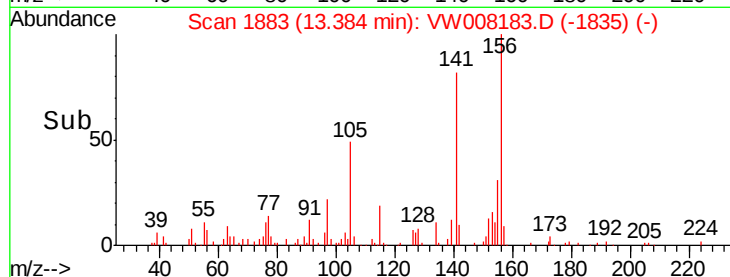
13.38

13.38

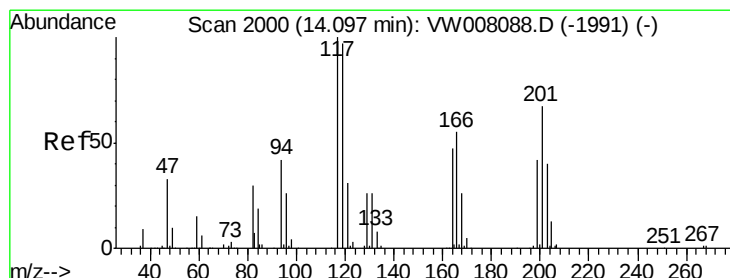
13.38

13.38

13.38



Time-->



#90

Hexachloroethane

Concen: 1.530 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW008183.D

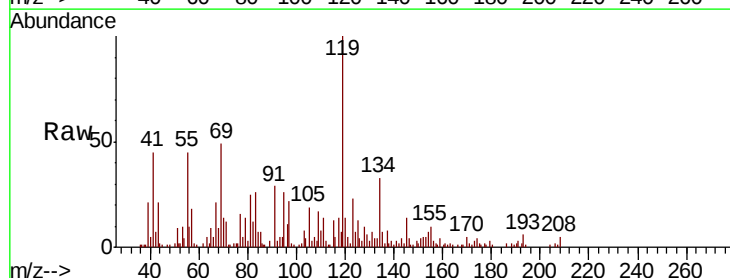
Acq: 11 Jan 2019 08:13

Tgt Ion:117 Resp: 1463

Ion Ratio Lower Upper

117 100

201 0.0 33.0 98.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.11

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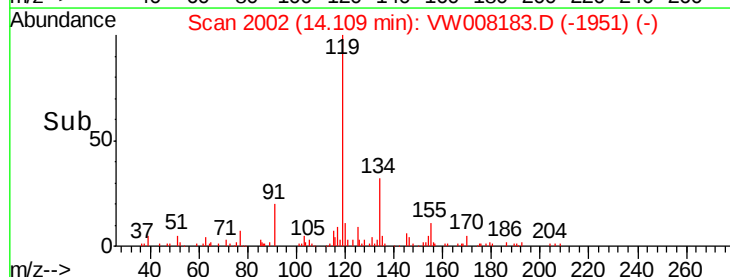
14.11

14.11

14.11

14.11

14.11



Time-->