

Data File : VW008248.D
Acq On : 14 Jan 2019 15:44
Operator : SY/VA
Sample : K1135-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(10-15)

Quant Time: Jan 14 21:14:23 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	79848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	148520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	147286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73885	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49199	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
35) Dibromofluoromethane	7.88	113	47313	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
50) Toluene-d8	10.32	98	201467	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
62) 4-Bromofluorobenzene	12.62	95	76132	58.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.84%	

Target Compounds			Qvalue			
11) Tert butyl alcohol	5.26	59	606	Below Cal	#	100
13) Acrolein	3.87	56	232	2.401	ug/l #	47
15) Acrylonitrile	5.40	53	414	2.144	ug/l #	62
16) Acetone	4.14	43	4365	6.456	ug/l #	78
19) Methyl tert-butyl Ether	5.44	73	4835	3.401	ug/l #	73
20) Methylene Chloride	4.92	84	2356	Below Cal	#	76
25) 2-Butanone	7.17	43	767	3.072	ug/l	96
29) Tetrahydrofuran	7.54	42	316	1.895	ug/l #	71
31) Cyclohexane	7.95	56	7112	3.766	ug/l #	77
36) 1,1-Dichloropropene	7.94	75	7048	4.607	ug/l #	51
38) Carbon Tetrachloride	7.94	117	8516	6.082	ug/l #	16
39) Methylcyclohexane	9.34	83	60774	31.329	ug/l	98
40) Benzene	8.32	78	22415	5.402	ug/l	94
48) Methyl methacrylate	9.52	41	2172	3.756	ug/l #	46
49) 1,4-Dioxane	9.49	88	51	6.276	ug/l #	89
55) 1,1,2-Trichloroethane	10.76	97	12342	17.397	ug/l #	22
56) Ethyl methacrylate	10.66	69	6495	7.393	ug/l #	4
59) 2-Hexanone	10.94	43	17078	42.573	ug/l #	32
65) Chlorobenzene	11.66	112	527827	169.156	ug/l	99
73) Isopropylbenzene	12.47	105	137094	23.634	ug/l	99
74) N-amyl acetate	12.26	43	52740	41.056	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.69	83	6785	7.308	ug/l #	95
76) 1,2,3-Trichloropropane	12.80	75	2003	2.974	ug/l #	1
78) n-propylbenzene	12.80	91	279989	39.394	ug/l	99
79) 2-Chlorotoluene	12.80	91	279989	70.610	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.46	75	1771	6.123	ug/l #	66
82) 4-Chlorotoluene	12.80	91	279989	67.043	ug/l #	45
83) tert-Butylbenzene	13.21	119	10253	2.431	ug/l	89
84) 1,2,4-Trimethylbenzene	13.39	105	201851	41.057	ug/l #	31
85) sec-Butylbenzene	13.39	105	201851	32.676	ug/l	84
86) p-Isopropyltoluene	13.66	119	39302	7.368	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	3735	1.497	ug/l #	1
89) n-Butylbenzene	13.83	91	114866	21.986	ug/l #	84
90) Hexachloroethane	14.10	117	39026	43.313	ug/l #	17

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011419\
Quantitation Report (Not Reviewed)

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CPSB-19(10-15)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.51	75	741	4.959	ug/l #	24
95) Naphthalene	15.33	128	5788	2.137	ug/l #	1

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

Data File : VW008248.D

Acq On : 14 Jan 2019 15:44

Operator : SY/VA

Sample : K1135-01

Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 12      Sample Multiplier: 1

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Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(10-15)

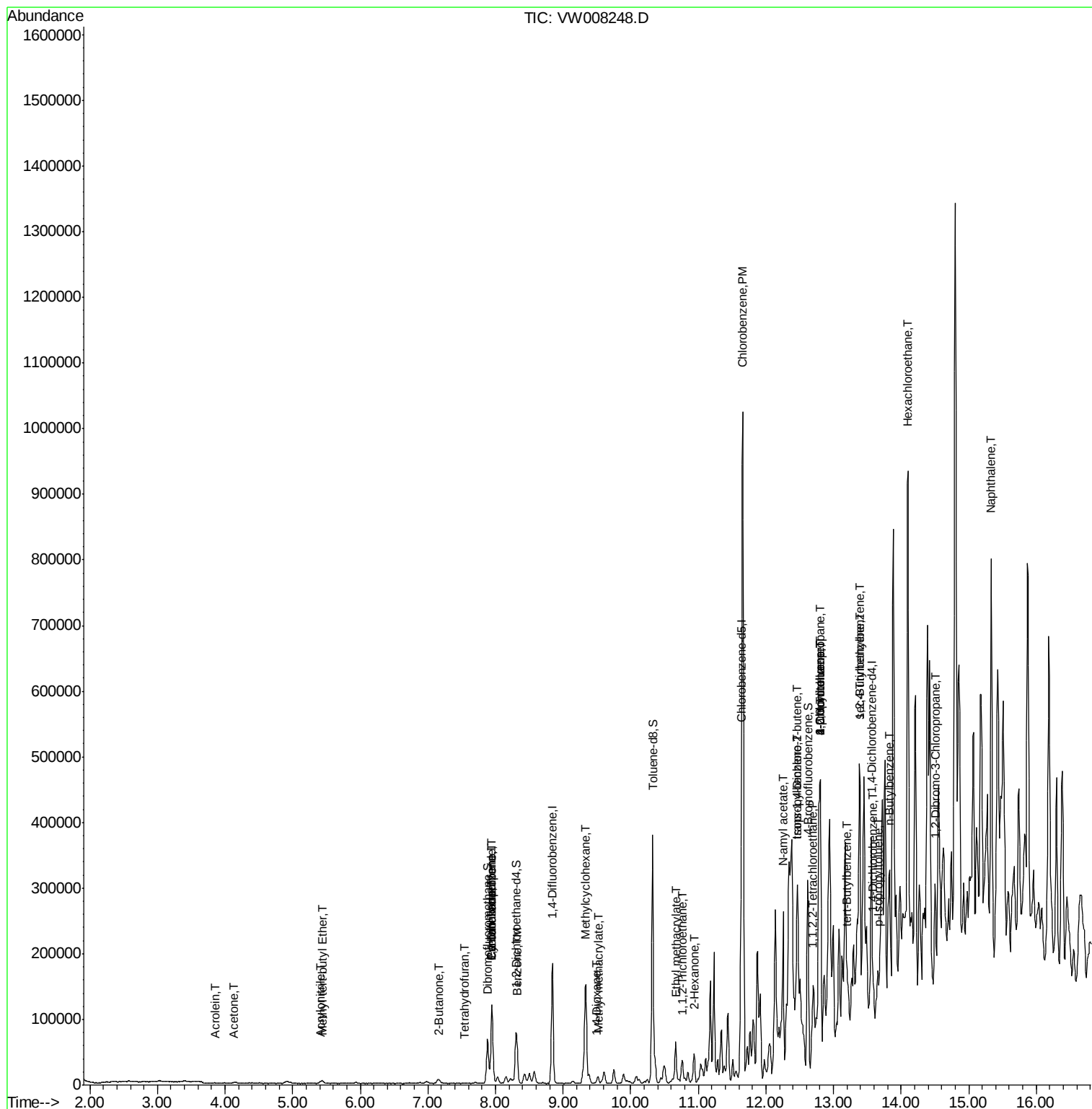
Quant Time: Jan 14 21:14:23 2019

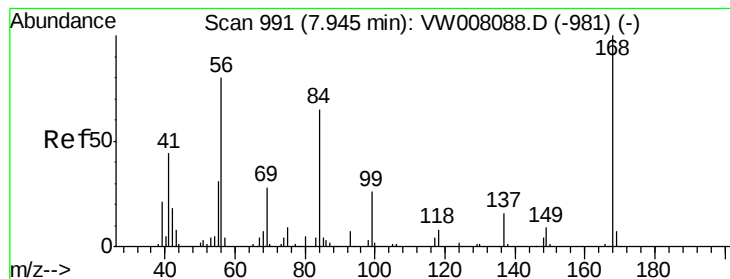
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Quant Title : SW846 8260

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: VW008248.D

Acq: 14 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

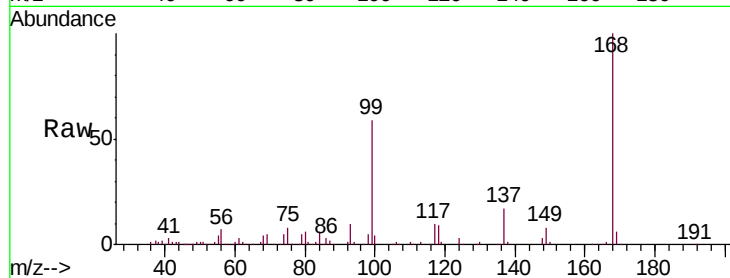
CPSB-19(10-15)

Tgt Ion:168 Resp: 79848

Ion Ratio Lower Upper

168 100

99 59.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

20000

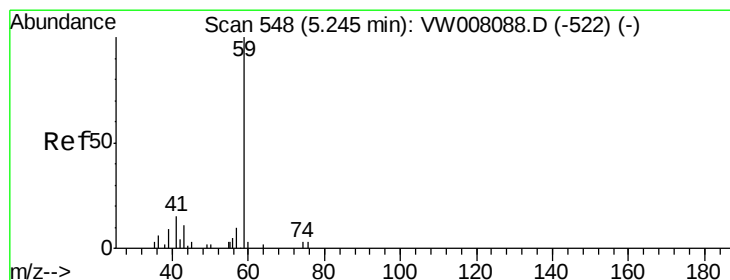
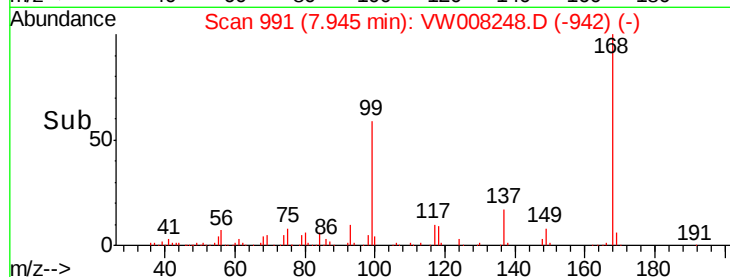
10000

0

7.90

8.00

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.26 min Scan# 551

Delta R.T. 0.02 min

Lab File: VW008248.D

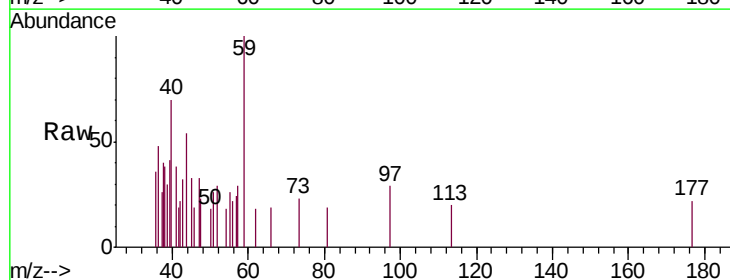
Acq: 14 Jan 2019 15:44

Tgt Ion: 59 Resp: 606

Ion Ratio Lower Upper

59 100

57 16.3 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

500

400

300

200

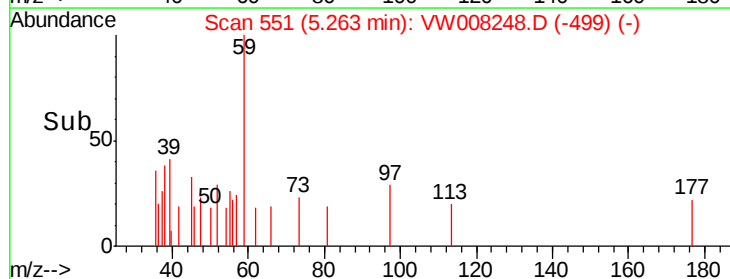
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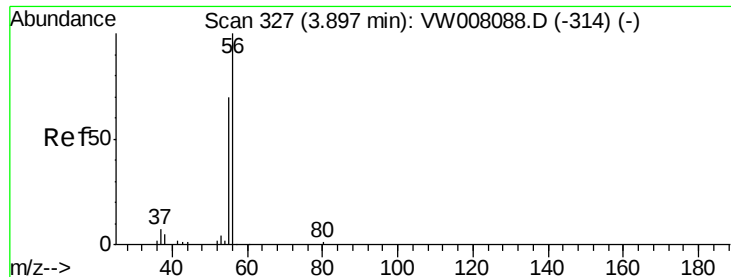
0

5.25

5.30

Time-->





#13

Acrolein

Concen: 2.401 ug/l

RT: 3.87 min Scan# 322

Delta R.T. -0.03 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampled :

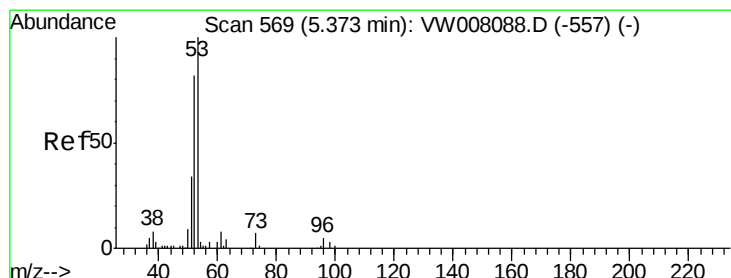
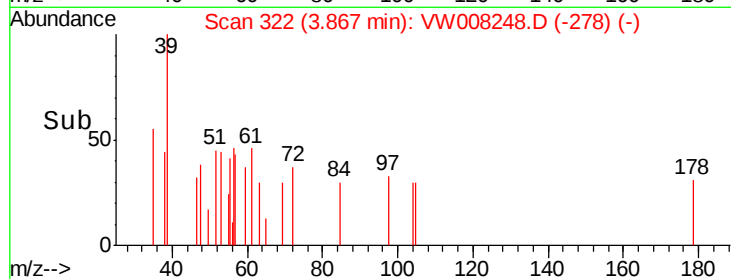
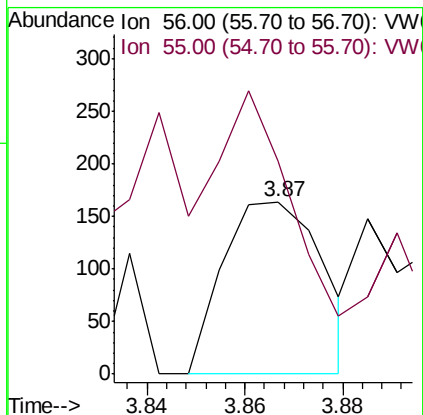
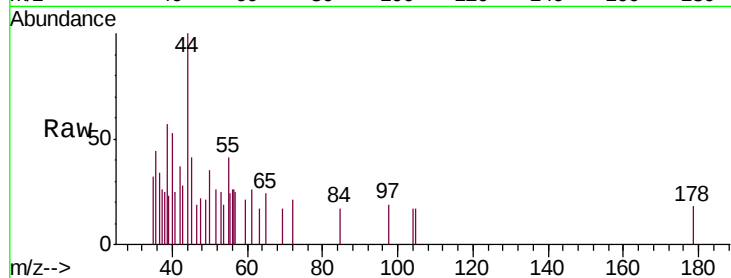
CPSB-19(10-15)

Tgt Ion: 56 Resp: 232

Ion Ratio Lower Upper

56 100

55 114.2 56.6 84.8#



#15

Acrylonitrile

Concen: 2.144 ug/l

RT: 5.40 min Scan# 574

Delta R.T. 0.03 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

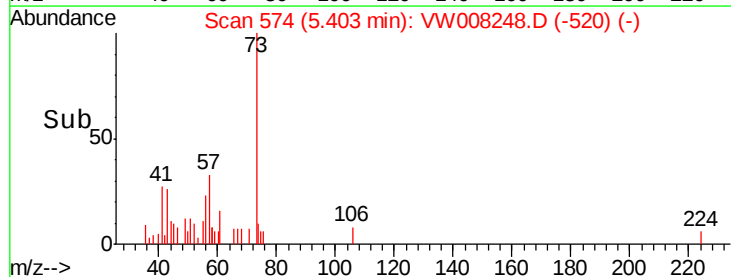
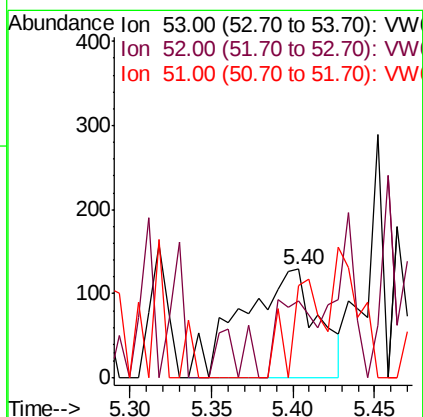
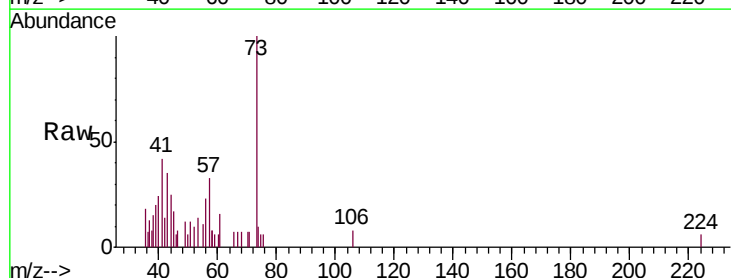
Tgt Ion: 53 Resp: 414

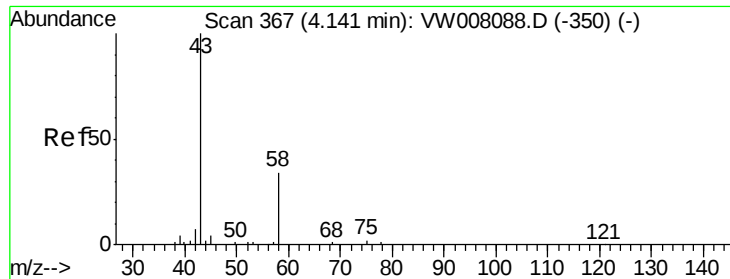
Ion Ratio Lower Upper

53 100

52 35.5 66.8 100.2#

51 38.9 29.7 44.5





#16

Acetone

Concen: 6.456 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

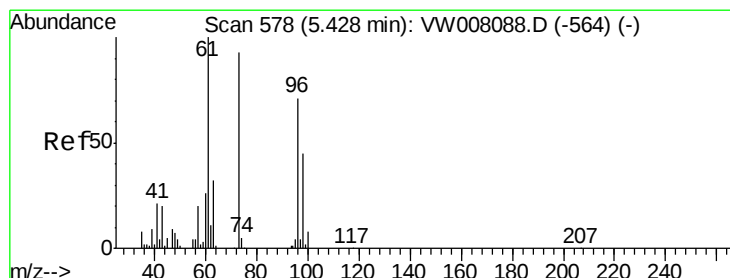
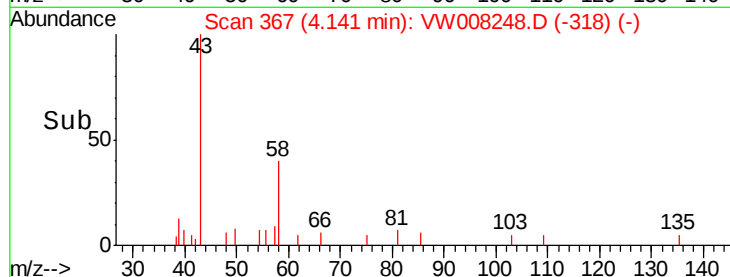
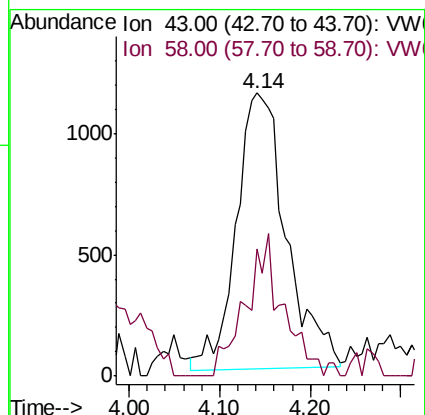
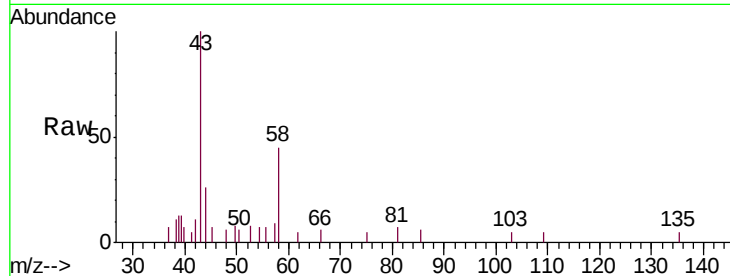
CPSB-19(10-15)

Tgt Ion: 43 Resp: 4365

Ion Ratio Lower Upper

43 100

58 47.3 27.5 41.3#



#19

Methyl tert-butyl Ether

Concen: 3.401 ug/l

RT: 5.44 min Scan# 580

Delta R.T. 0.01 min

Lab File: VW008248.D

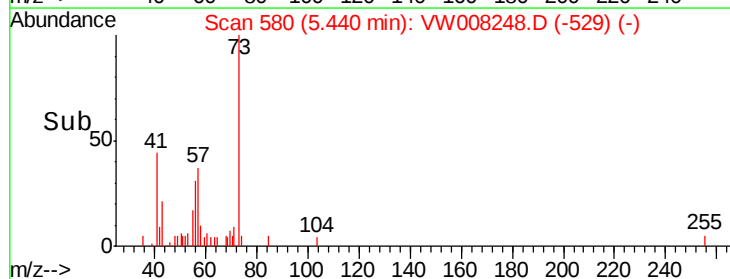
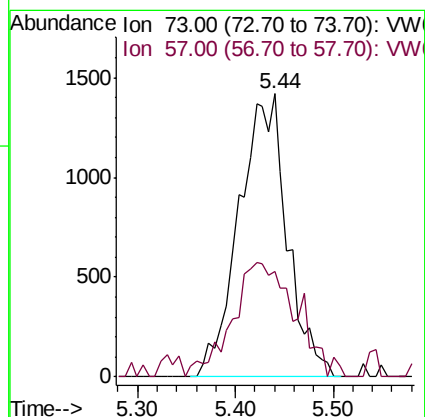
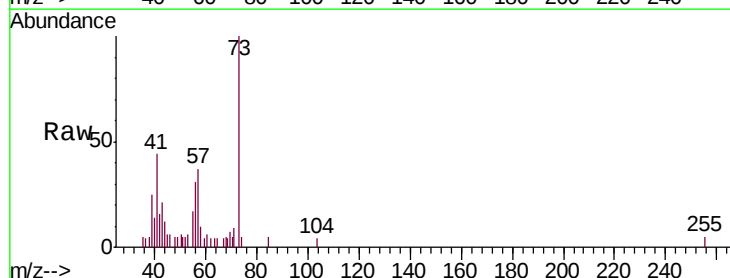
Acq: 14 Jan 2019 15:44

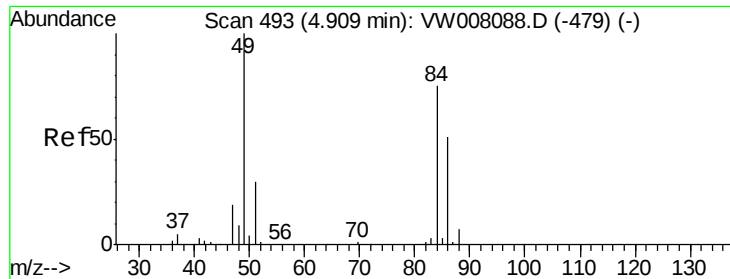
Tgt Ion: 73 Resp: 4835

Ion Ratio Lower Upper

73 100

57 33.5 16.7 25.1#

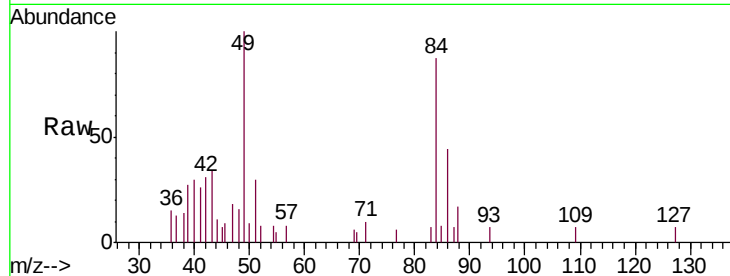




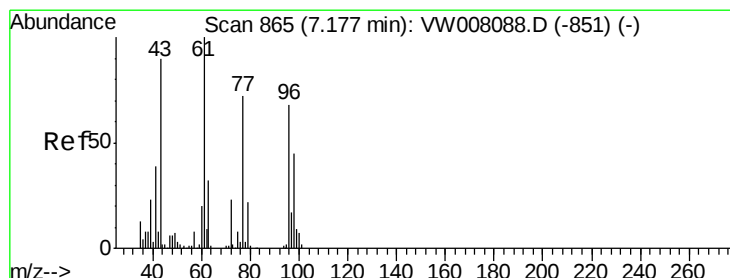
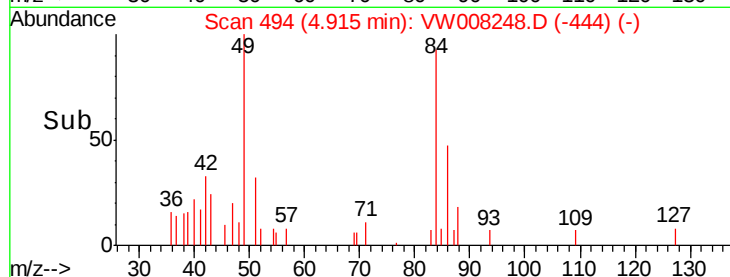
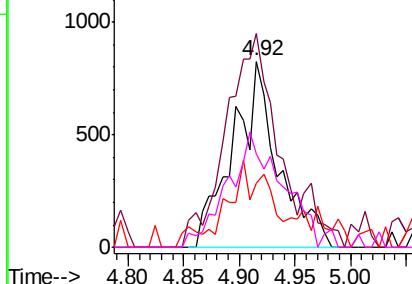
#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(10-15)

Tgt Ion: 84 Resp: 2356
Ion Ratio Lower Upper
84 100
49 106.3 107.1 160.7#
51 23.5 32.4 48.6#
86 50.3 54.2 81.4#

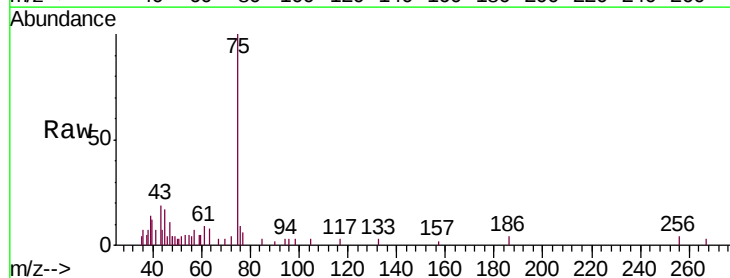


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

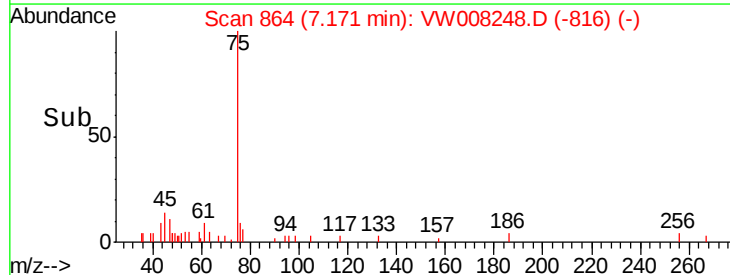
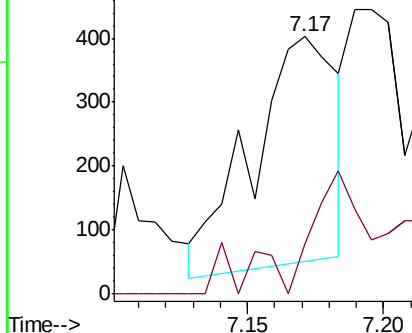


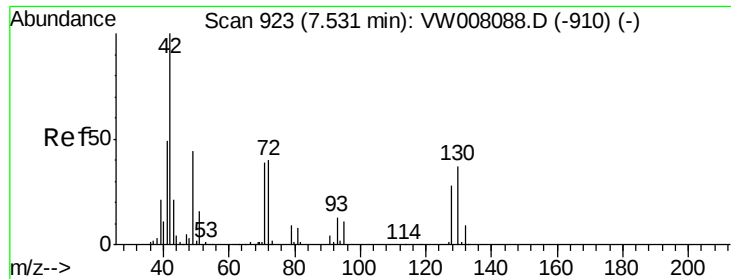
#25
2-Butanone
Concen: 3.072 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Tgt Ion: 43 Resp: 767
Ion Ratio Lower Upper
43 100
72 23.6 20.5 30.7



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

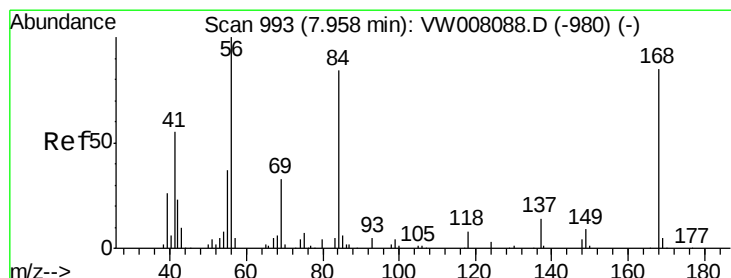
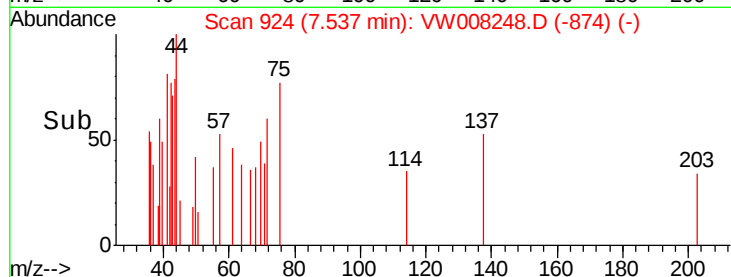
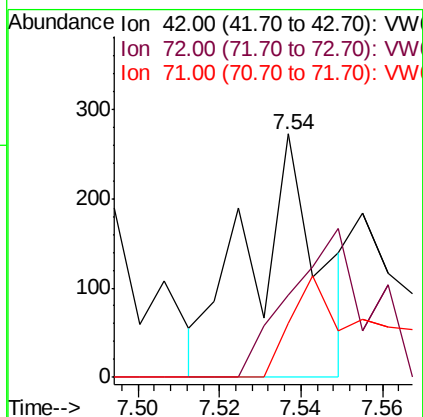
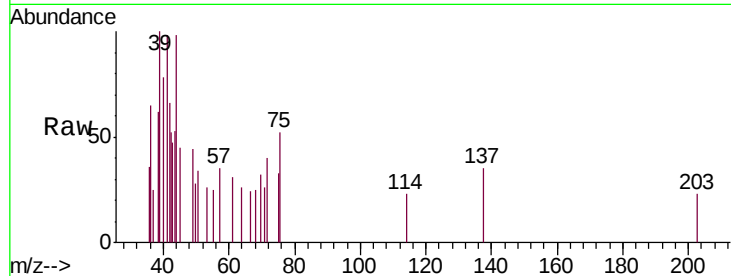




#29
Tetrahydrofuran
Concen: 1.895 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

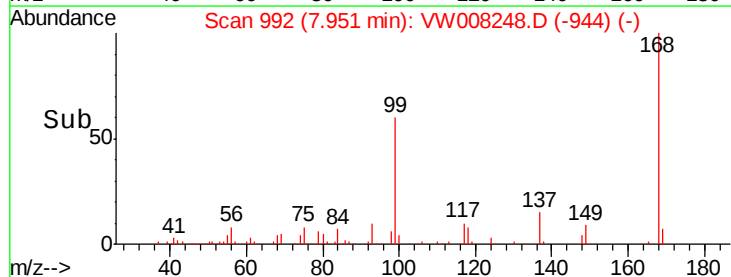
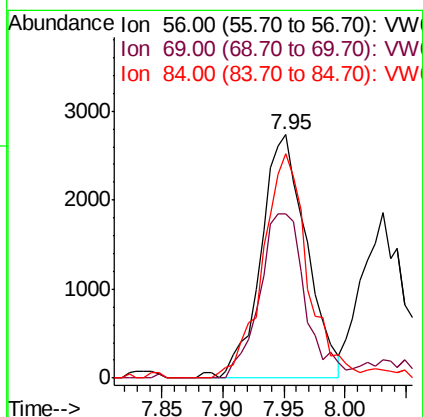
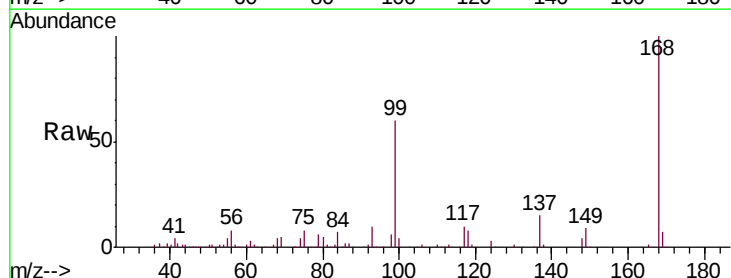
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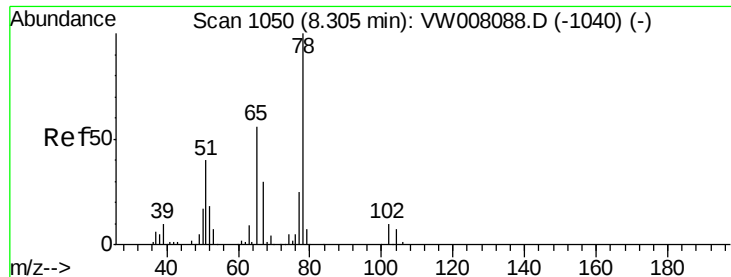
Tgt Ion: 42 Resp: 316
Ion Ratio Lower Upper
42 100
72 69.0 32.4 48.6#
71 46.5 31.3 46.9



#31
Cyclohexane
Concen: 3.766 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Tgt Ion: 56 Resp: 7112
Ion Ratio Lower Upper
56 100
69 67.6 26.2 39.4#
84 92.0 67.4 101.2

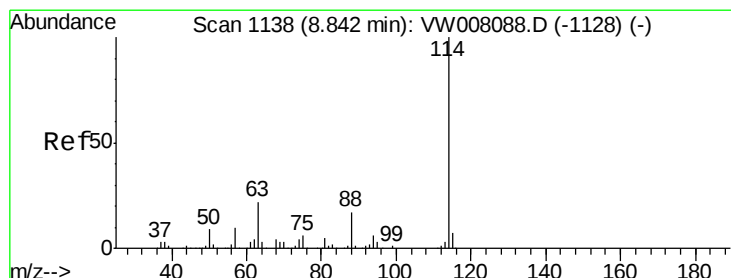
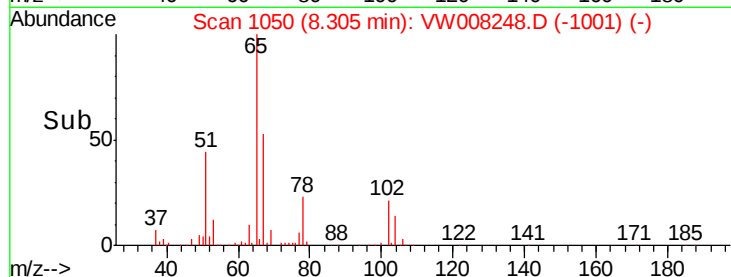
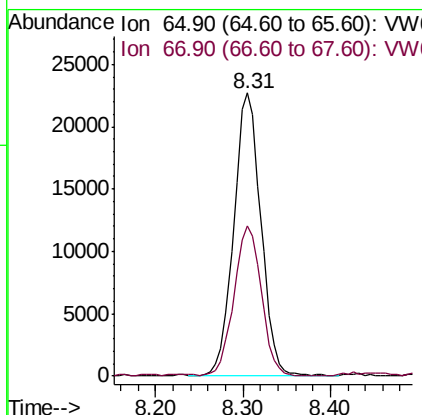
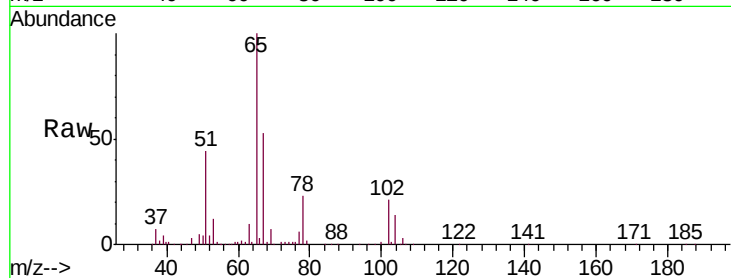




#33
 1,2-Dichloroethane-d4
 Concen: 54.823 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008248.D
 Acq: 14 Jan 2019 15:44

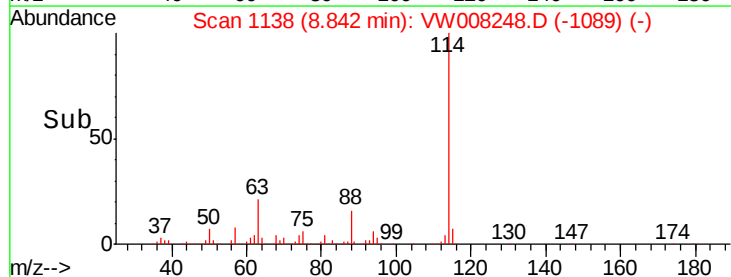
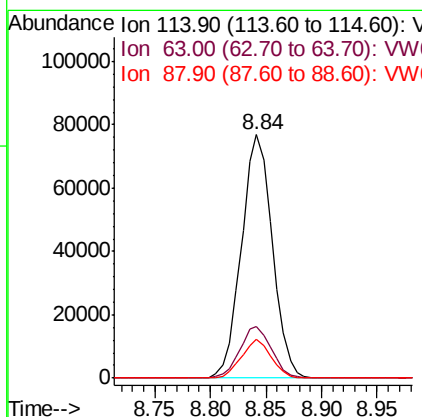
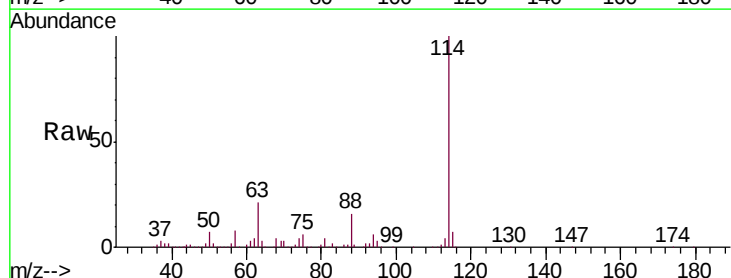
Instrument :
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 CPSB-19(10-15)

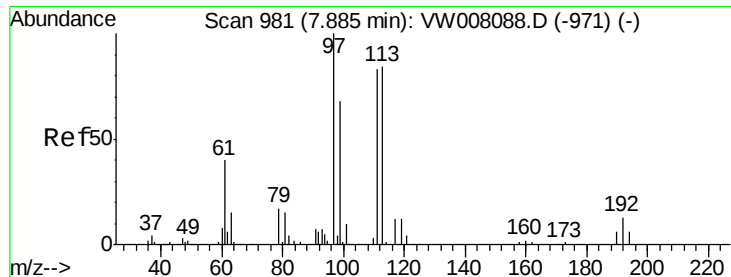
Tgt Ion: 65 Resp: 49199
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008248.D
 Acq: 14 Jan 2019 15:44

Tgt Ion: 114 Resp: 148520
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.4
 88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.620 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(10-15)

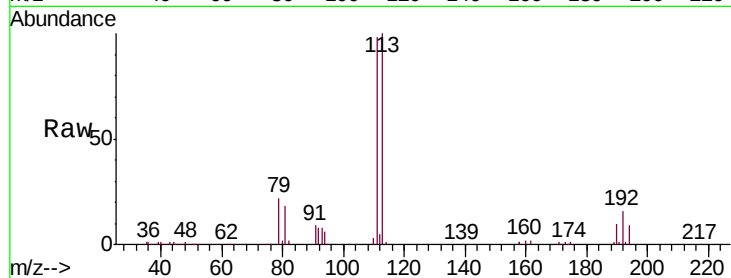
Tgt Ion:113 Resp: 47313

Ion Ratio Lower Upper

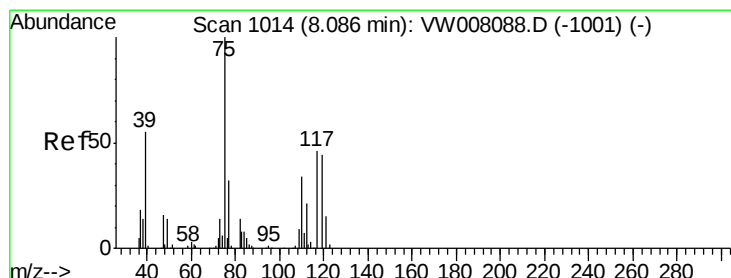
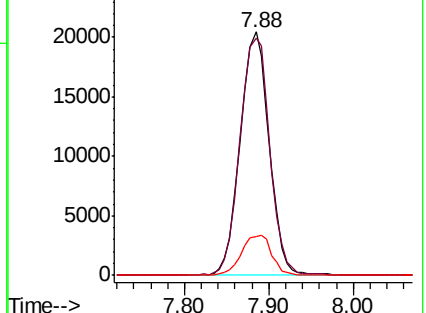
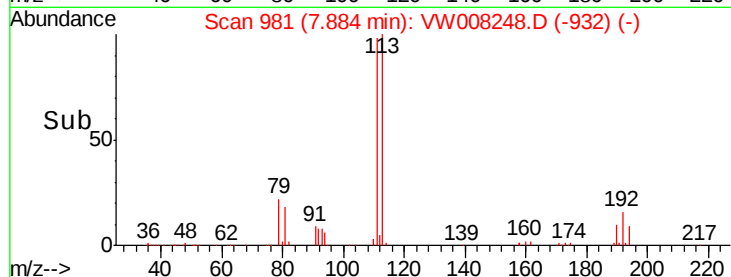
113 100

111 100.7 81.8 122.8

192 17.2 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: 4.607 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.15 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

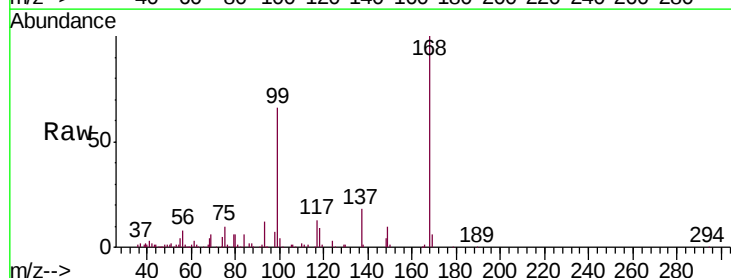
Tgt Ion: 75 Resp: 7048

Ion Ratio Lower Upper

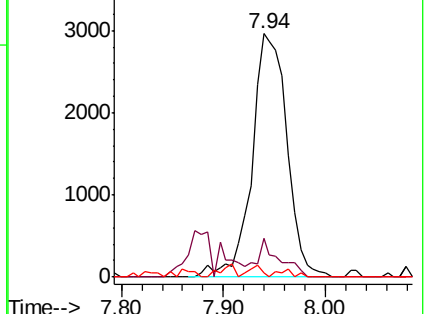
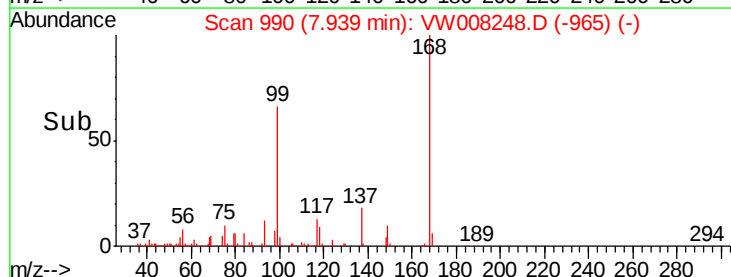
75 100

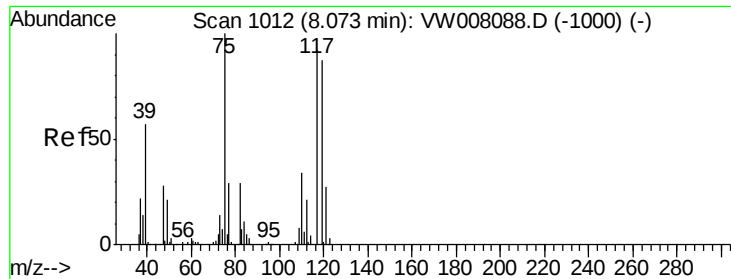
110 9.9 17.1 51.3#

77 0.0 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

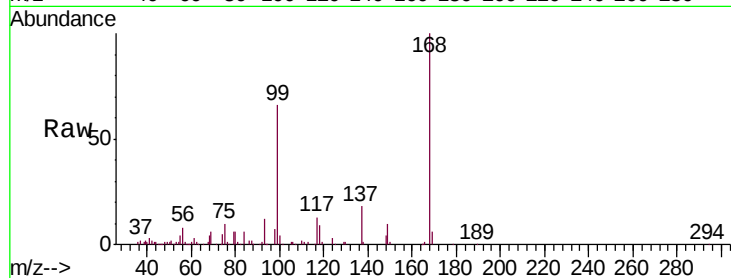




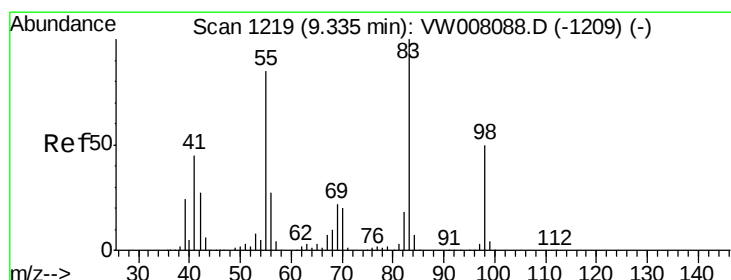
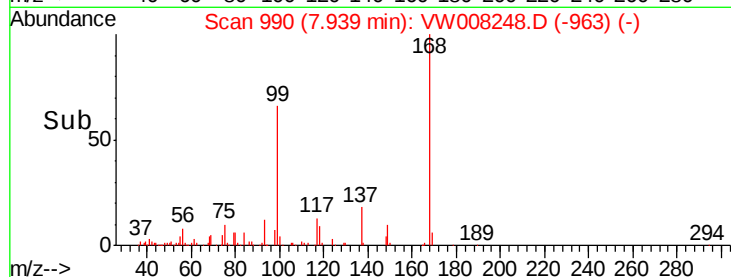
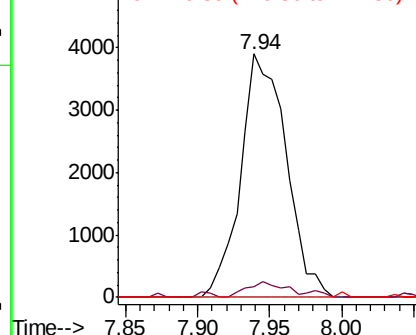
#38
Carbon Tetrachloride
Concen: 6.082 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(10-15)

Tgt Ion:117 Resp: 8516
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 23.7 35.5#

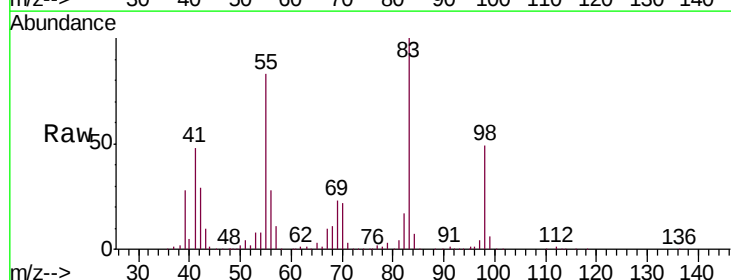


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

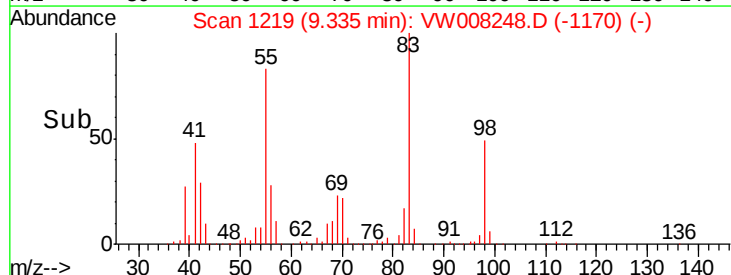
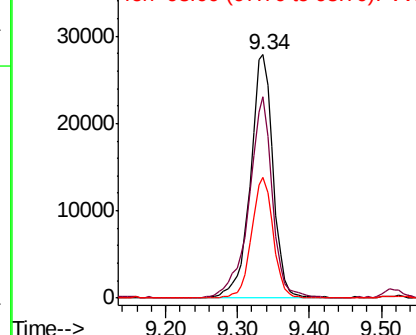


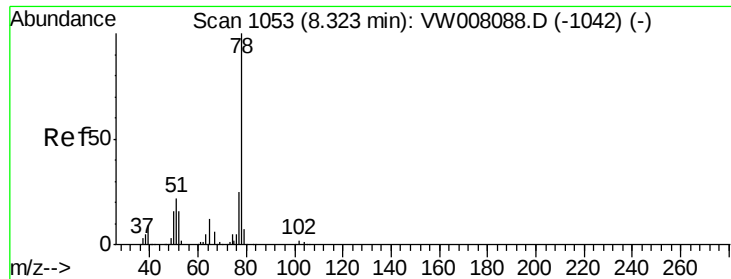
#39
Methylcyclohexane
Concen: 31.329 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Tgt Ion: 83 Resp: 60774
Ion Ratio Lower Upper
83 100
55 82.7 67.8 101.6
98 49.5 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





#40

Benzene

Concen: 5.402 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

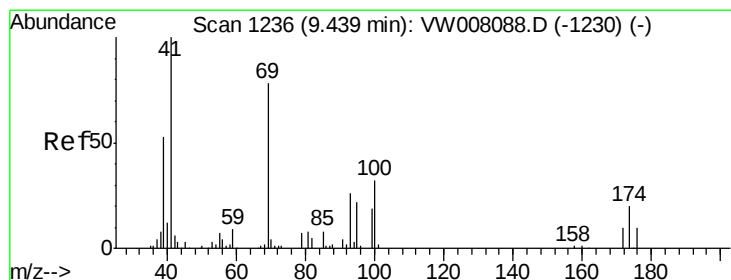
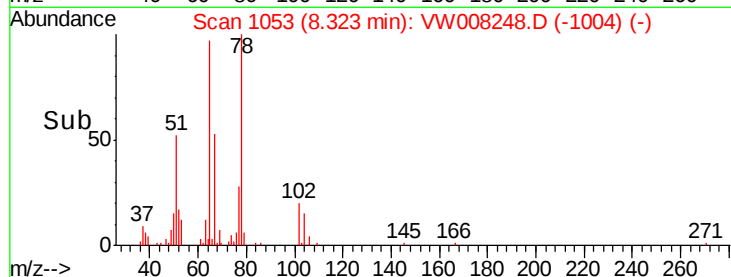
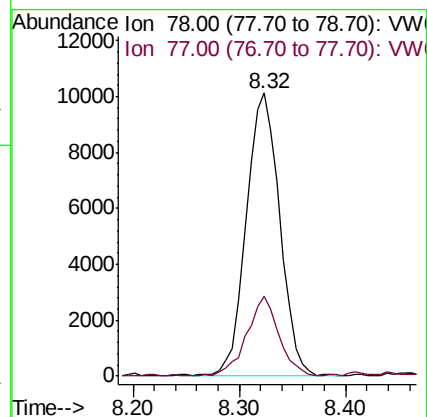
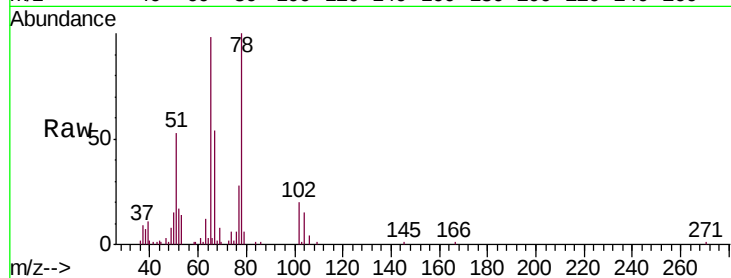
CPSB-19(10-15)

Tgt Ion: 78 Resp: 22415

Ion Ratio Lower Upper

78 100

77 28.3 20.2 30.4



#48

Methyl methacrylate

Concen: 3.756 ug/l

RT: 9.52 min Scan# 1249

Delta R.T. 0.08 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

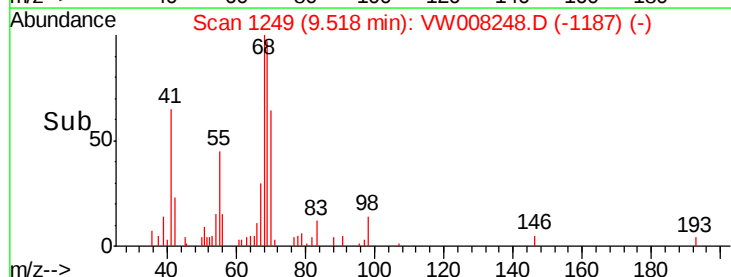
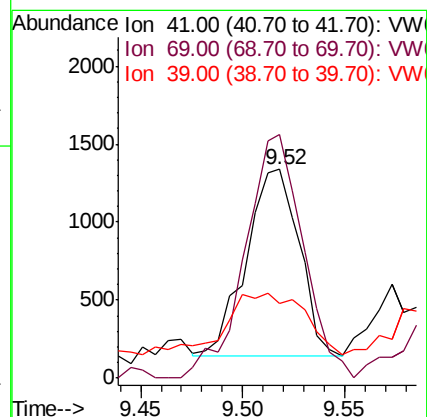
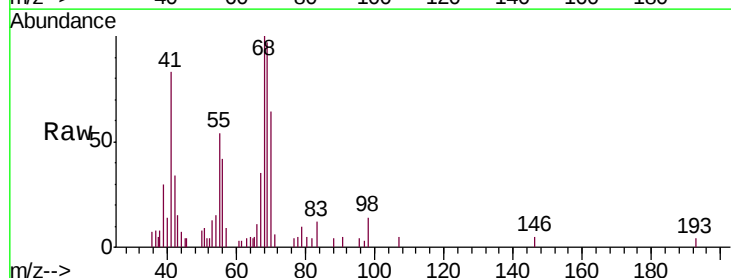
Tgt Ion: 41 Resp: 2172

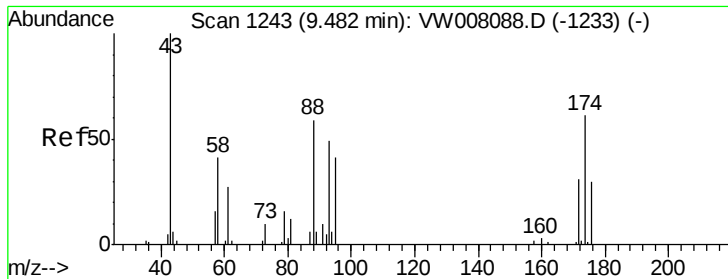
Ion Ratio Lower Upper

41 100

69 142.0 61.9 92.9#

39 70.9 43.0 64.4#





#49

1,4-Dioxane

Concen: 6.276 ug/l

RT: 9.49 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

CPSB-19(10-15)

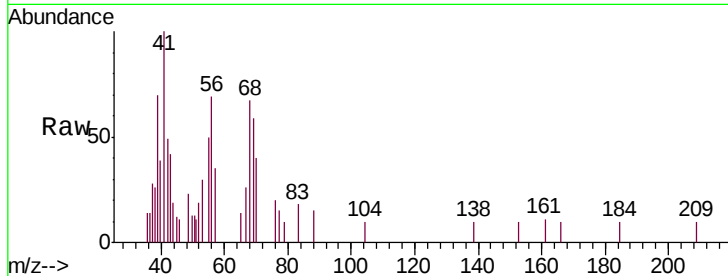
Tgt Ion: 88 Resp: 51

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

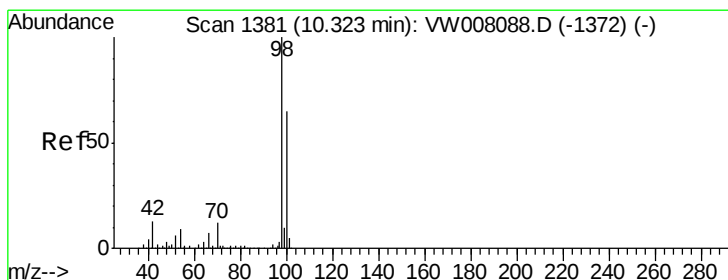
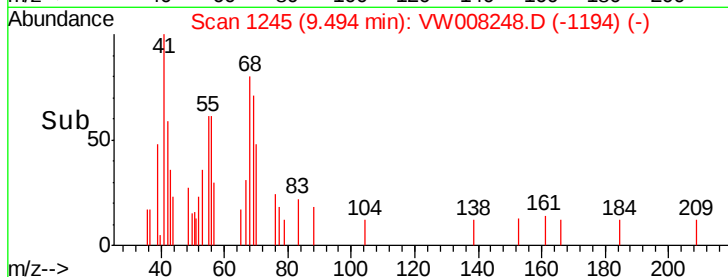
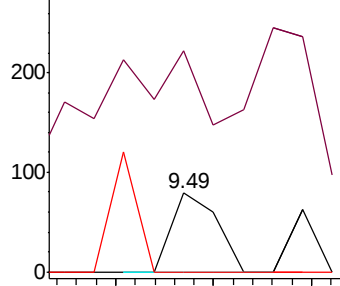
58 86.3 61.7 92.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 55.424 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008248.D

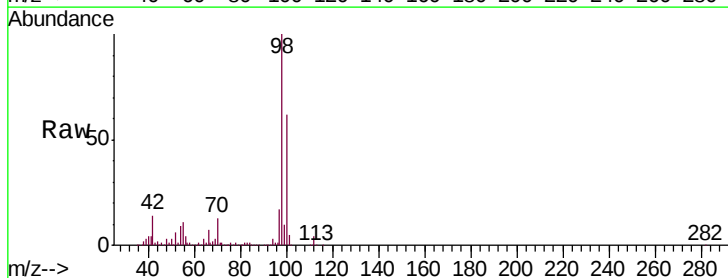
Acq: 14 Jan 2019 15:44

Tgt Ion: 98 Resp: 201467

Ion Ratio Lower Upper

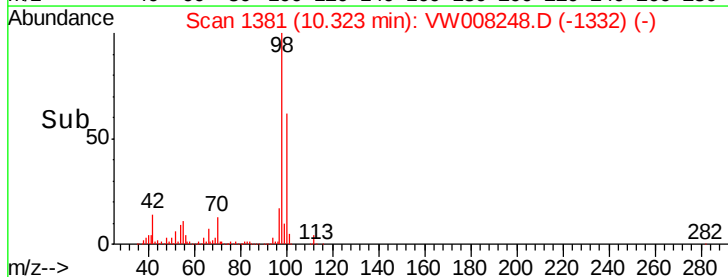
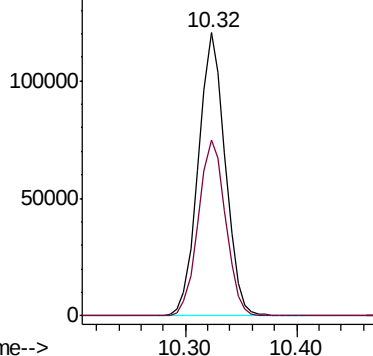
98 100

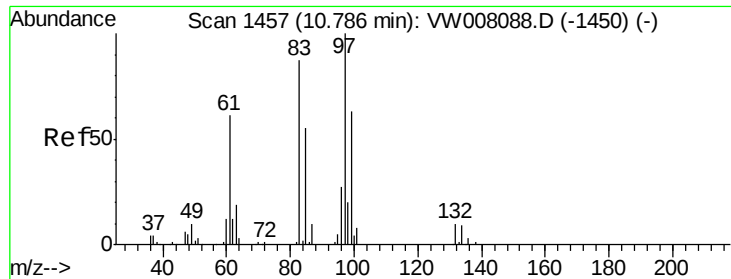
100 62.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

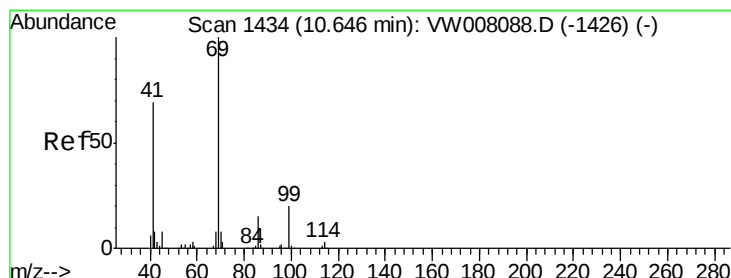
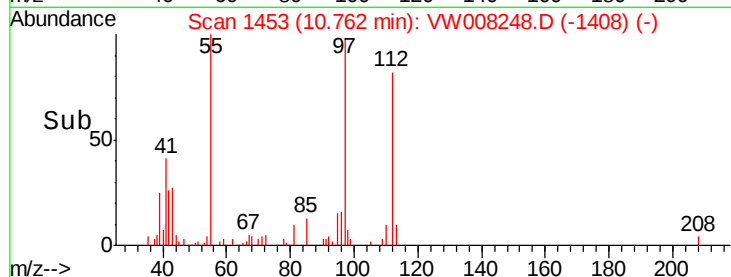
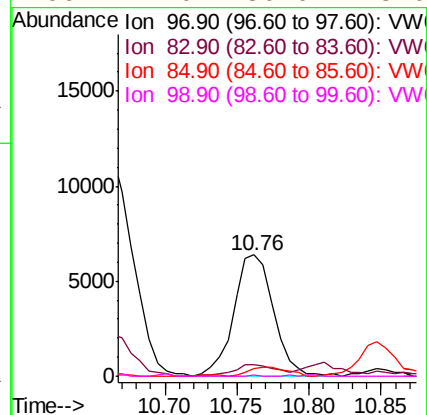
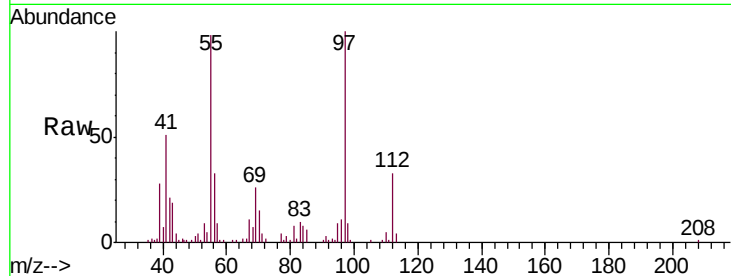




#55
 1,1,2-Trichloroethane
 Concen: 17.397 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW008248.D
 Acq: 14 Jan 2019 15:44

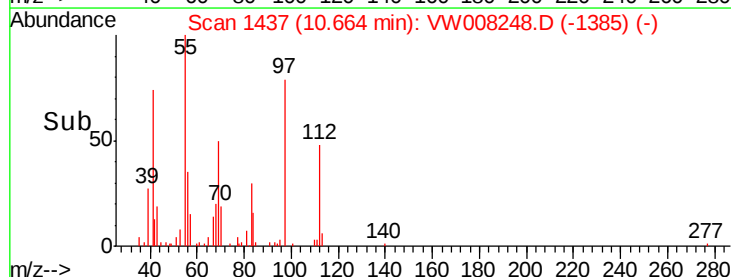
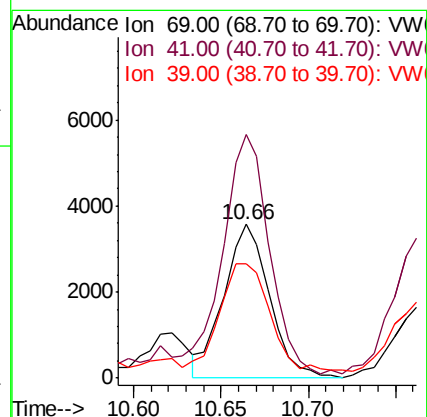
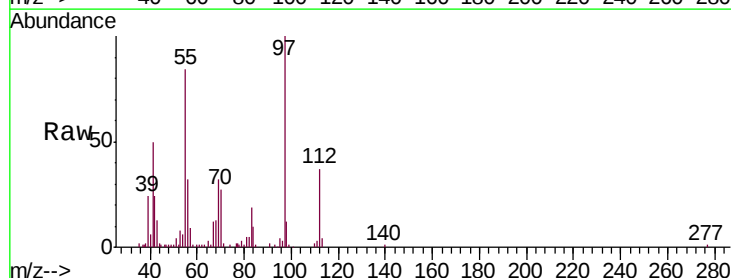
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-19(10-15)

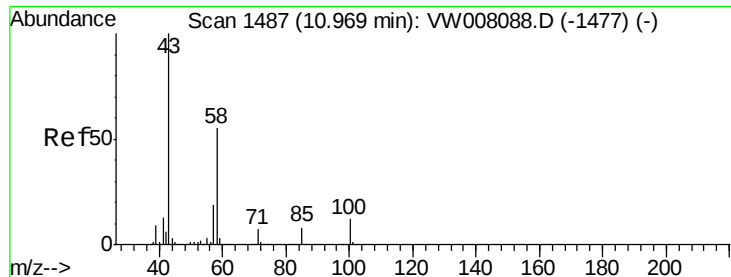
Tgt Ion	Ratio	Lower	Upper
97	100		
83	9.7	69.3	103.9#
85	5.9	43.8	65.6#
99	1.0	50.0	75.0#



#56
 Ethyl methacrylate
 Concen: 7.393 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW008248.D
 Acq: 14 Jan 2019 15:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	159.6	56.4	84.6#
39	77.3	28.1	42.1#

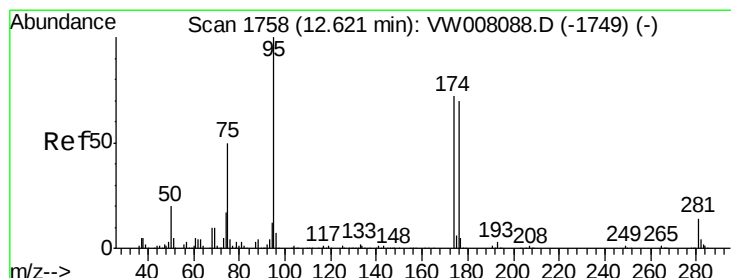
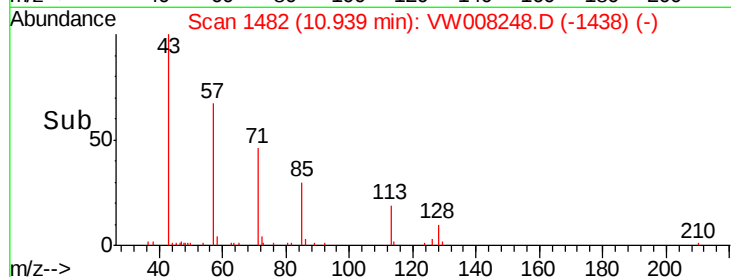
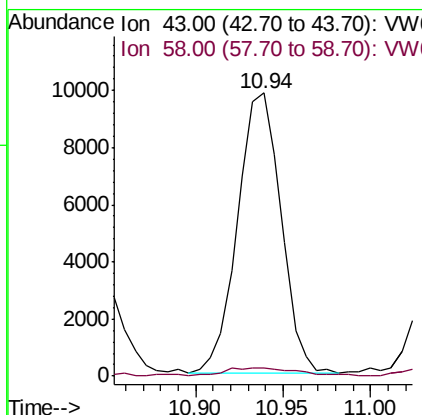
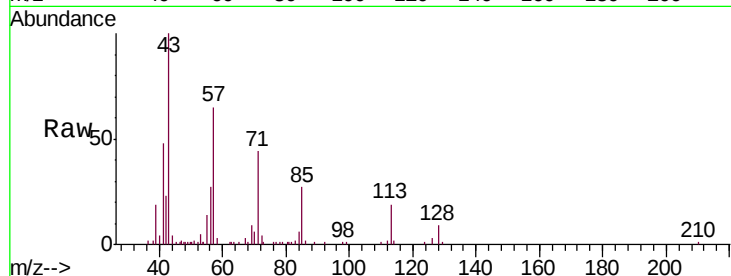




#59
2-Hexanone
Concen: 42.573 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

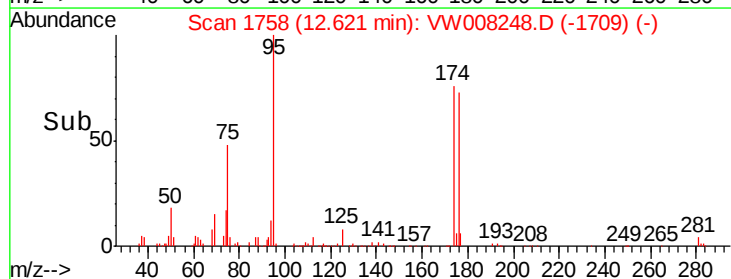
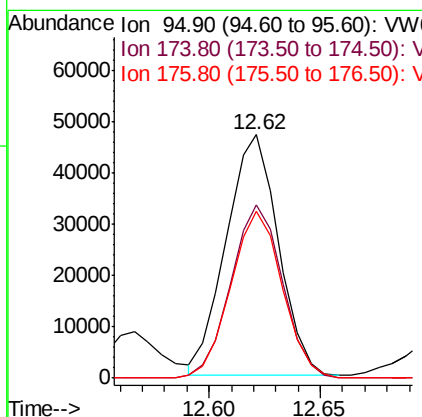
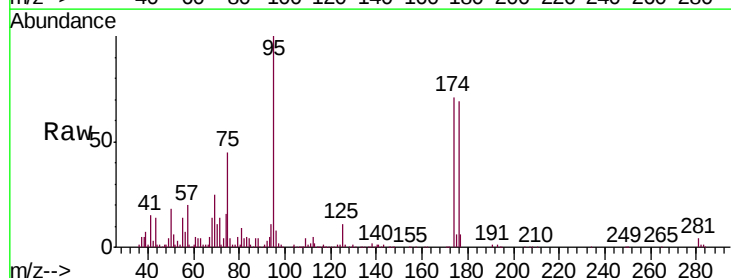
Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(10-15)

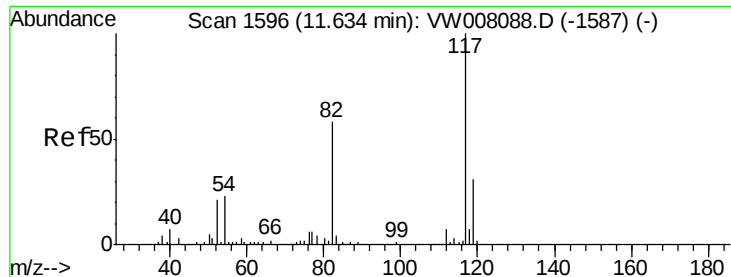
Tgt Ion: 43 Resp: 17078
Ion Ratio Lower Upper
43 100
58 5.2 27.2 81.5#



#62
4-Bromofluorobenzene
Concen: 58.422 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Tgt Ion: 95 Resp: 76132
Ion Ratio Lower Upper
95 100
174 71.5 0.0 143.0
176 68.6 0.0 140.2

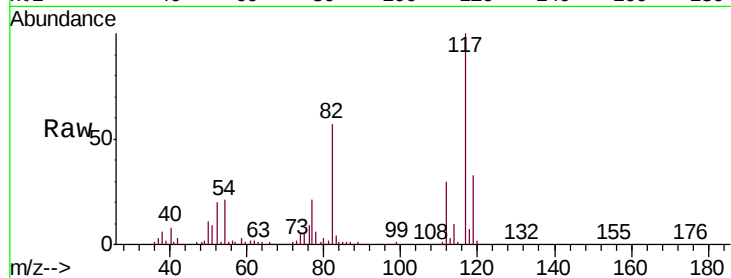




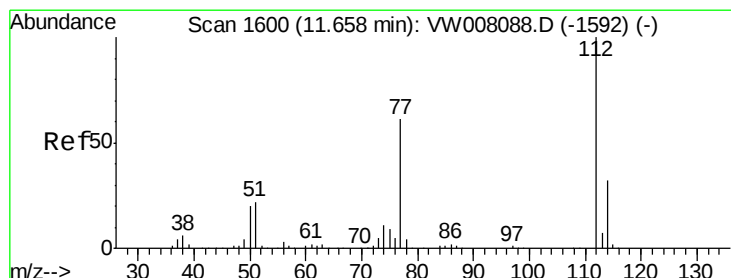
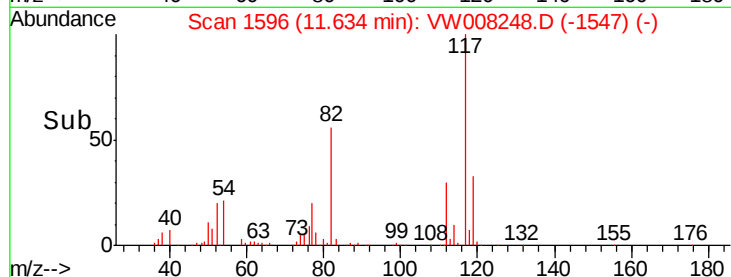
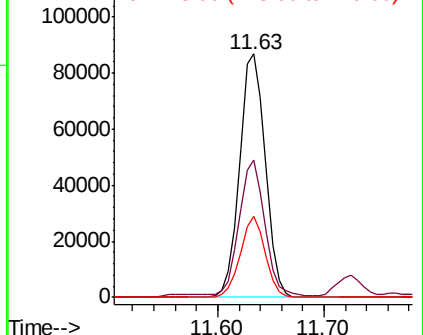
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(10-15)

Tgt Ion:117 Resp: 147286
Ion Ratio Lower Upper
117 100
82 55.2 46.4 69.6
119 33.1 24.7 37.1

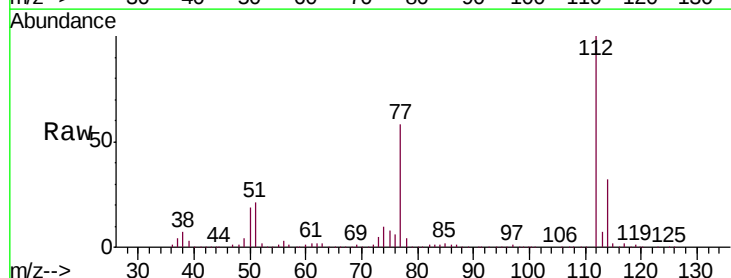


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

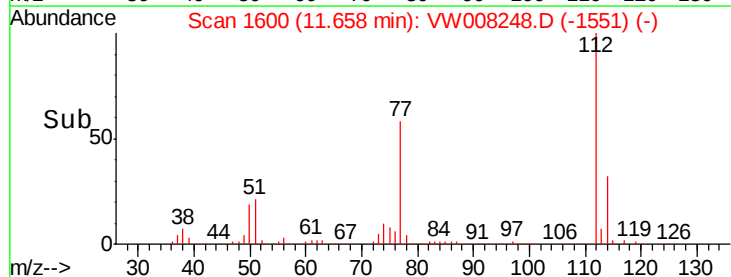
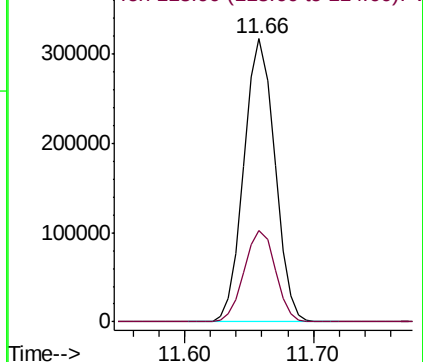


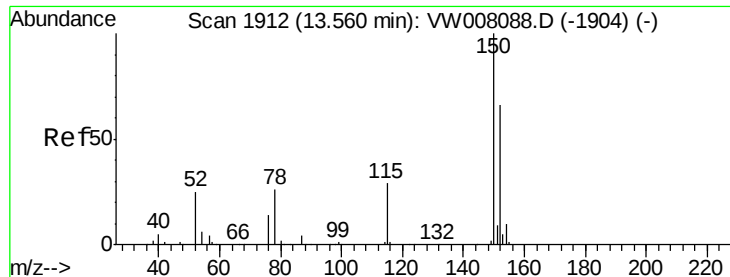
#65
Chlorobenzene
Concen: 169.156 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Tgt Ion:112 Resp: 527827
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VW008248.D

Acq: 14 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

CPSB-19(10-15)

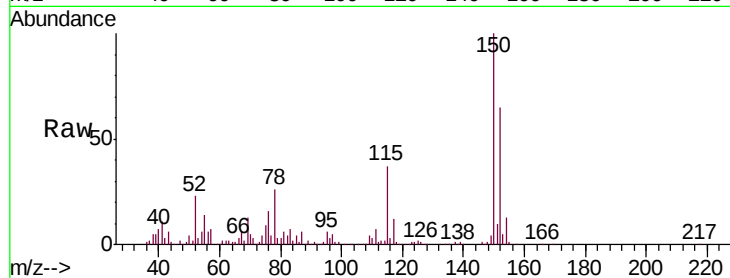
Tgt Ion:152 Resp: 73885

Ion Ratio Lower Upper

152 100

115 55.5 30.8 92.4

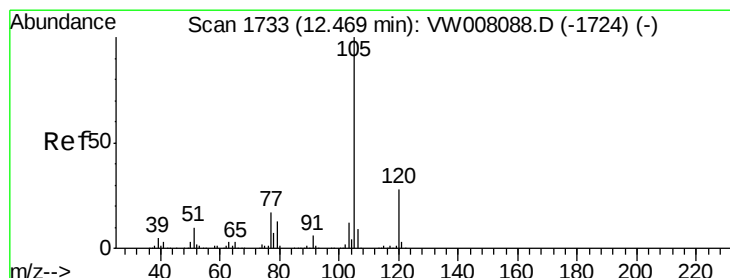
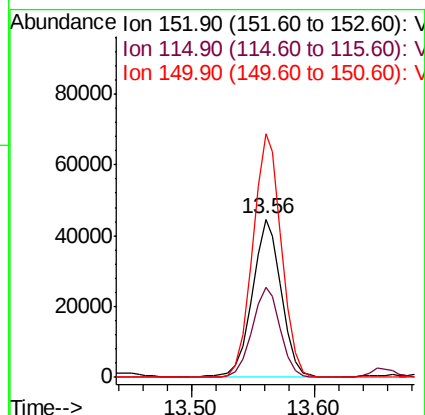
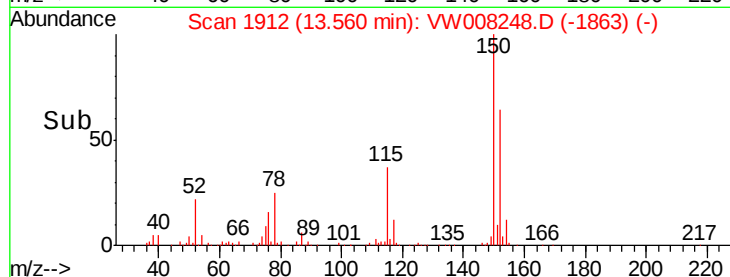
150 150.5 0.0 350.2



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: 23.634 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008248.D

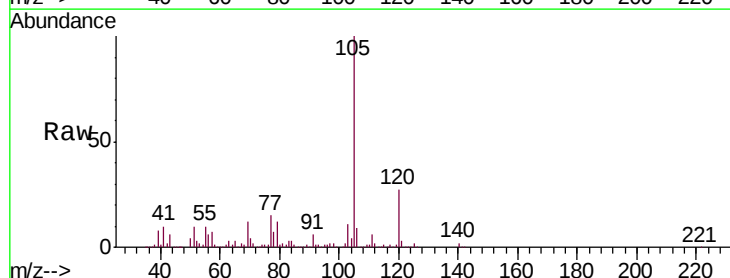
Acq: 14 Jan 2019 15:44

Tgt Ion:105 Resp: 137094

Ion Ratio Lower Upper

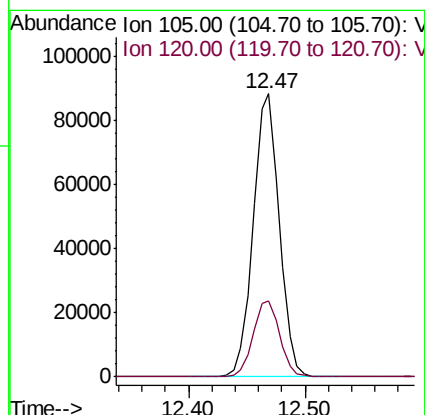
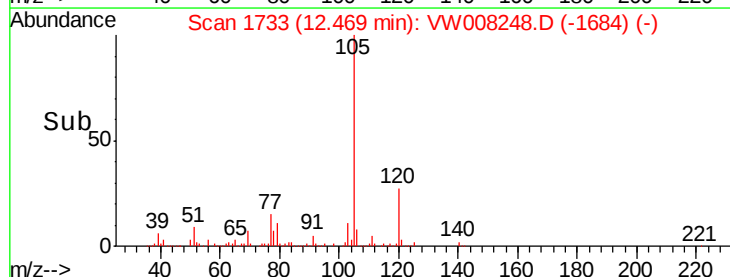
105 100

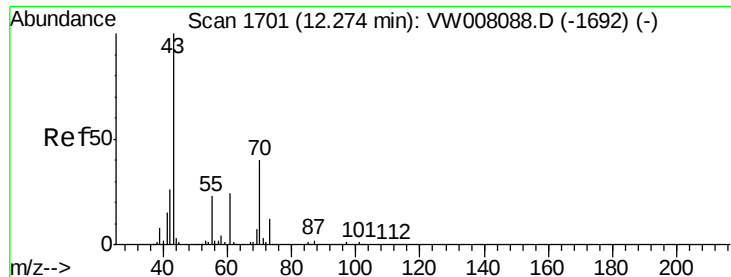
120 27.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 41.056 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

CPSB-19(10-15)

Tgt Ion: 43 Resp: 52740

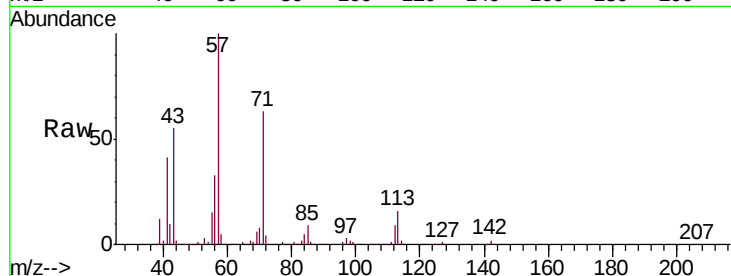
Ion Ratio Lower Upper

43 100

70 20.3 32.4 48.6#

55 0.0 18.7 28.1#

61 0.0 19.0 28.6#

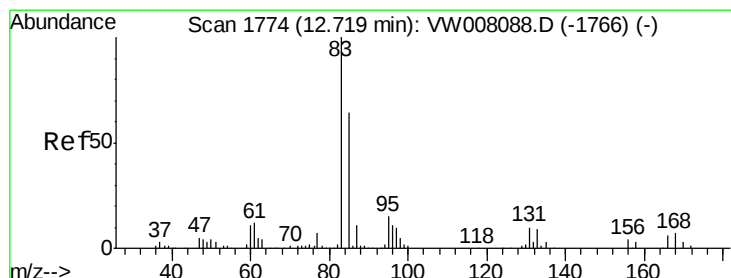
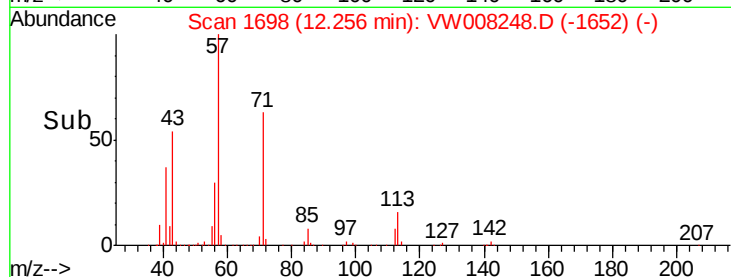
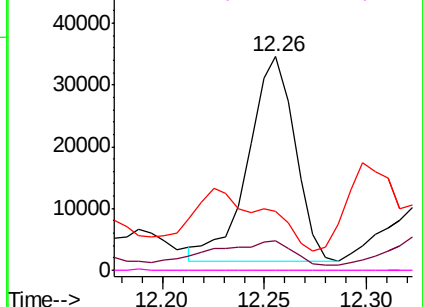


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 7.308 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

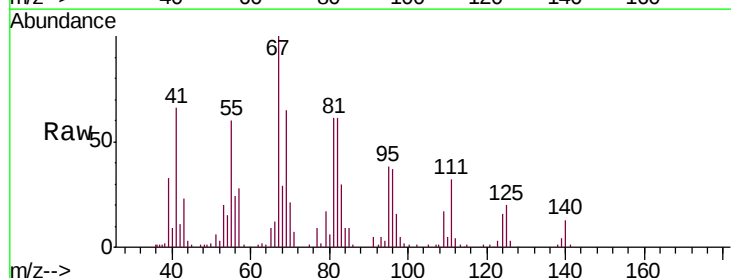
Tgt Ion: 83 Resp: 6785

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

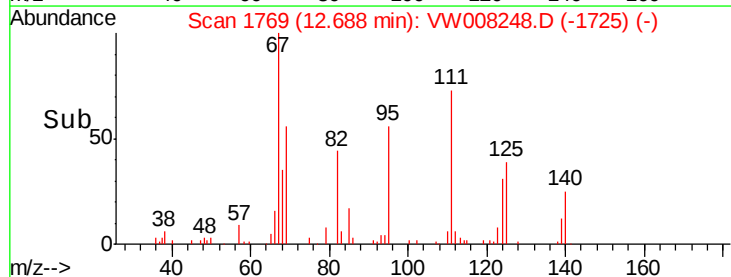
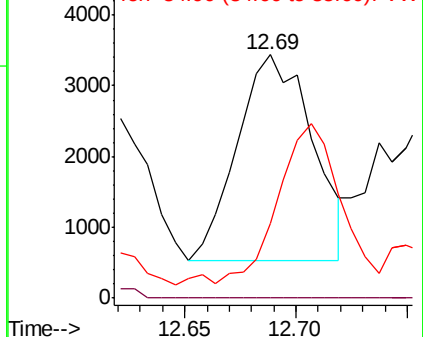
85 63.8 32.4 97.2

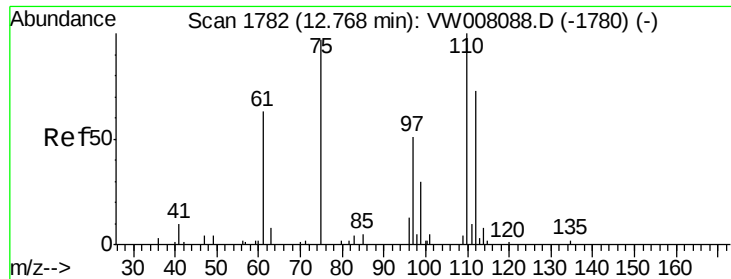


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

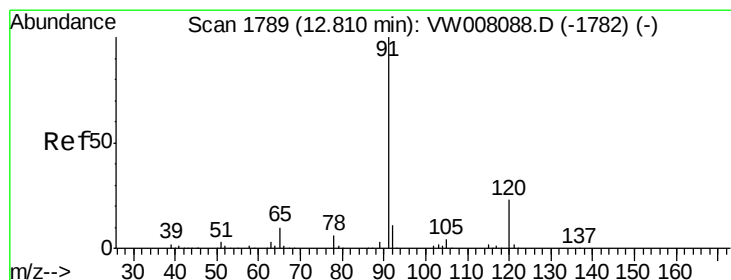
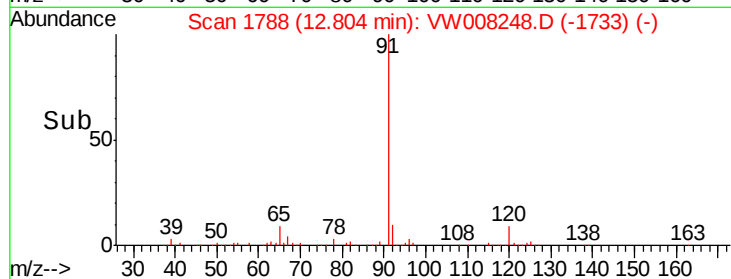
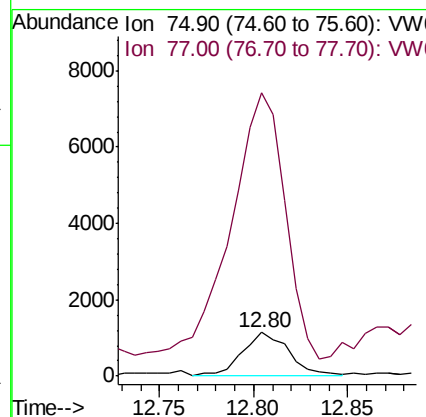
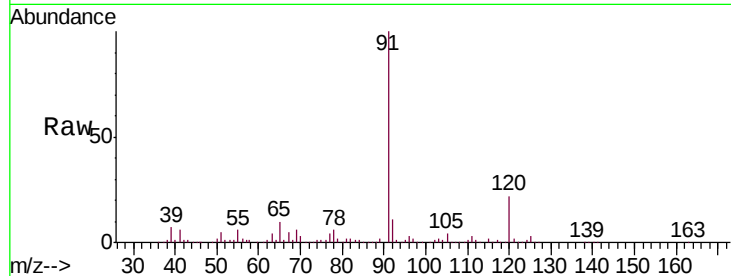




#76
 1,2,3-Trichloropropane
 Concen: 2.974 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.04 min
 Lab File: VW008248.D
 Acq: 14 Jan 2019 15:44

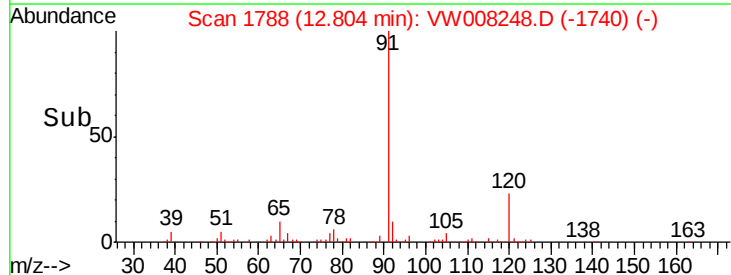
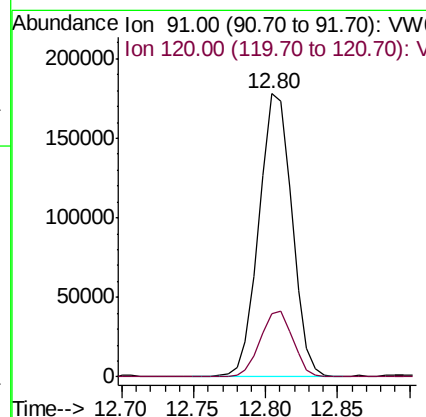
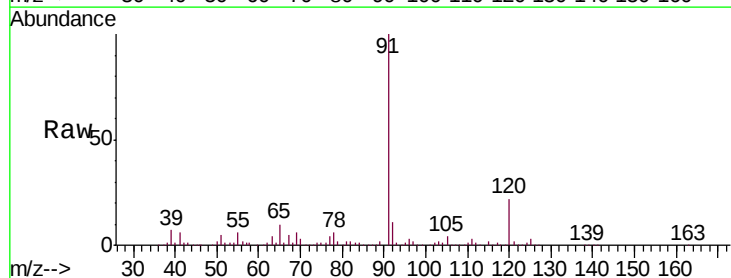
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-19(10-15)

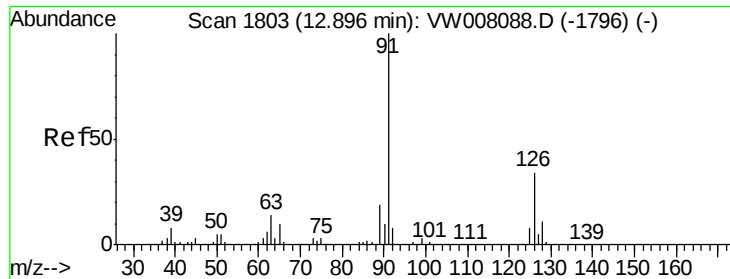
Tgt Ion: 75 Resp: 2003
 Ion Ratio Lower Upper
 75 100
 77 694.5 179.4 538.2#



#78
 n-propylbenzene
 Concen: 39.394 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: VW008248.D
 Acq: 14 Jan 2019 15:44

Tgt Ion: 91 Resp: 279989
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.3 33.8

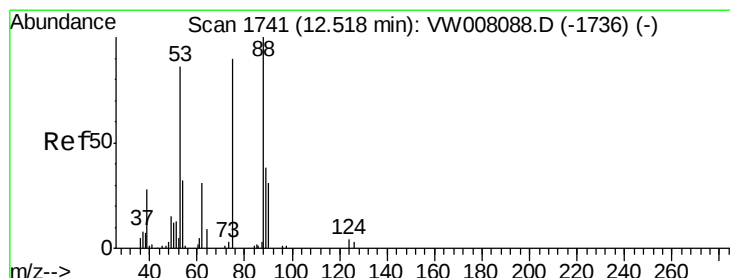
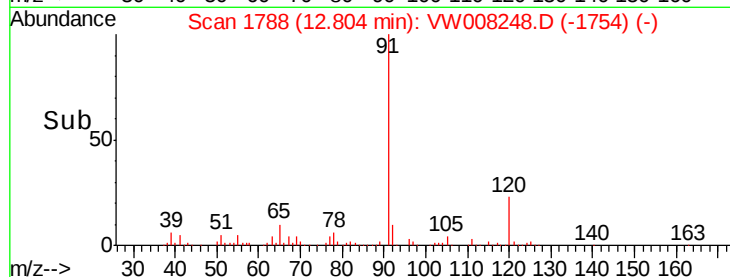
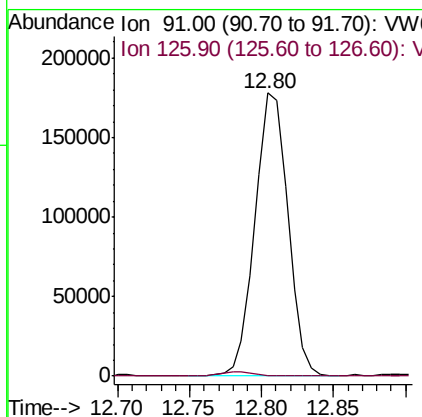
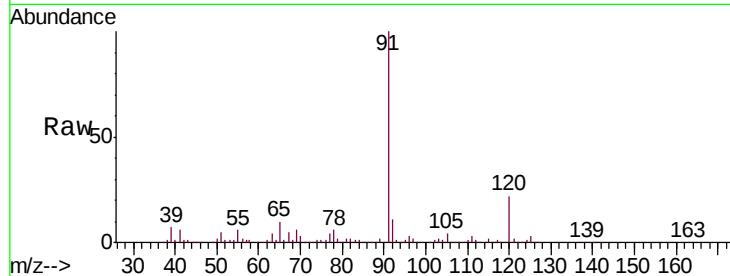




#79
 2-Chlorotoluene
 Concen: 70.610 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. -0.09 min
 Lab File: VW008248.D
 Acq: 14 Jan 2019 15:44

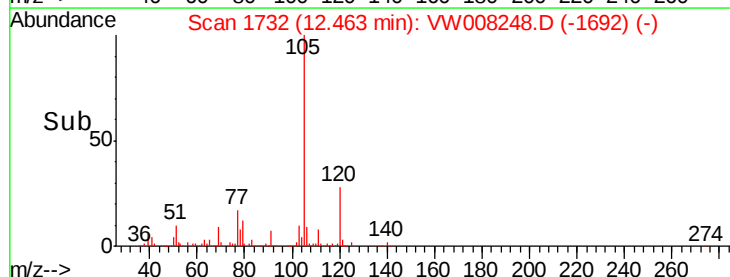
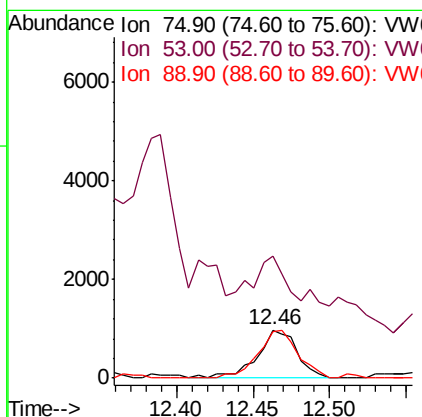
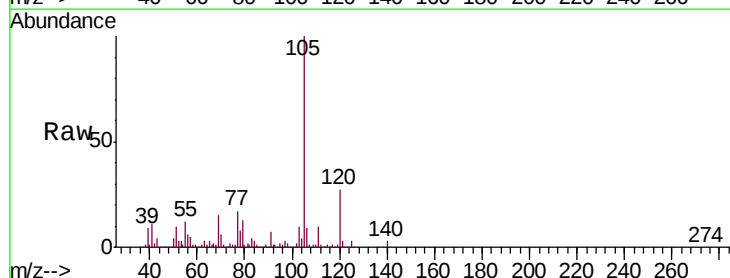
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-19(10-15)

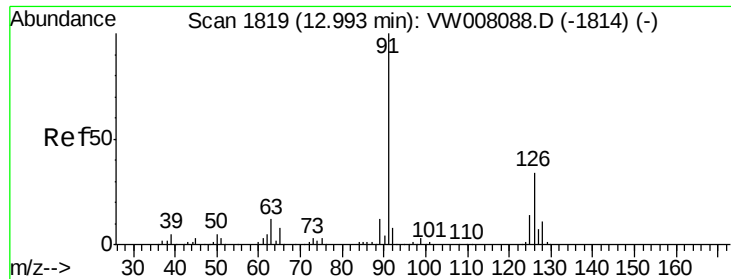
Tgt Ion: 91 Resp: 279989
 Ion Ratio Lower Upper
 91 100
 126 1.8 16.8 50.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 6.123 ug/l
 RT: 12.46 min Scan# 1732
 Delta R.T. -0.05 min
 Lab File: VW008248.D
 Acq: 14 Jan 2019 15:44

Tgt Ion: 75 Resp: 1771
 Ion Ratio Lower Upper
 75 100
 53 109.8 78.8 118.2
 89 98.3 35.4 53.2#

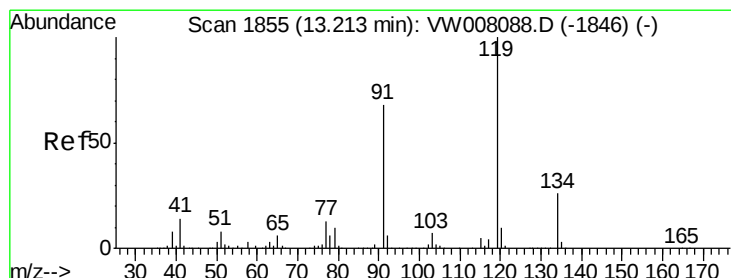
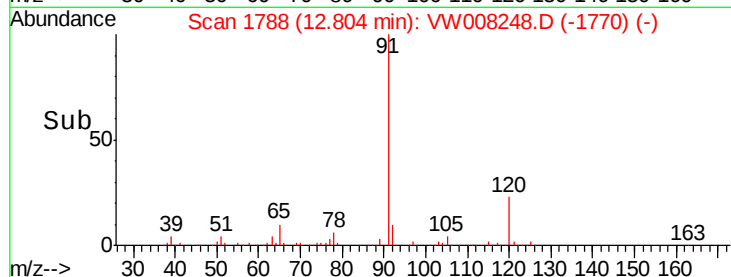
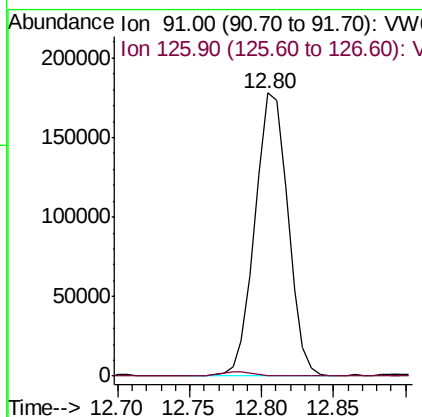
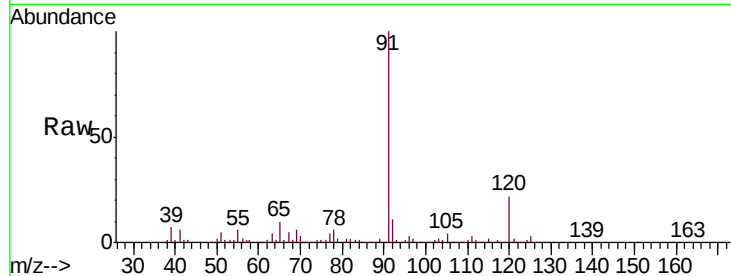




#82
4-Chlorotoluene
Concen: 67.043 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.19 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

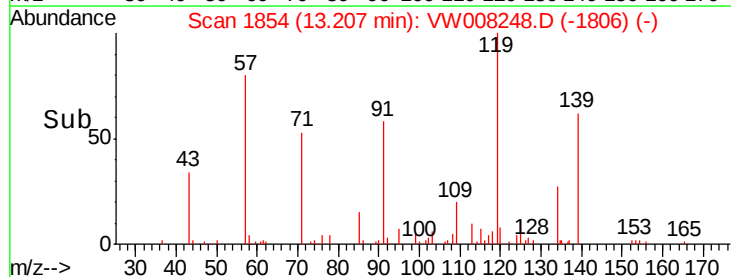
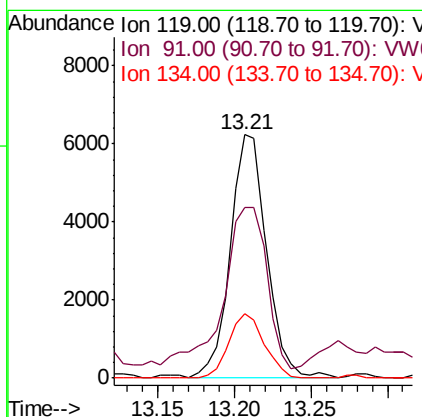
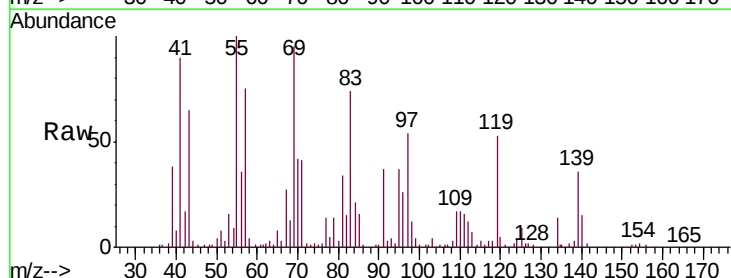
Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(10-15)

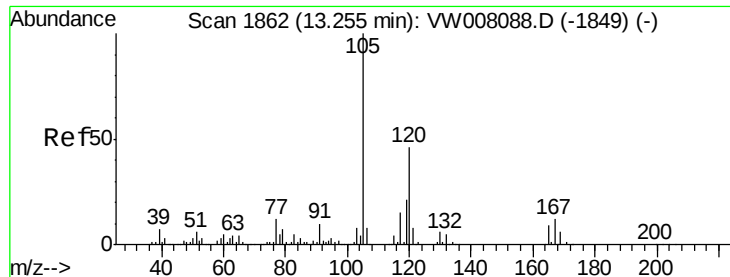
Tgt Ion: 91 Resp: 279989
Ion Ratio Lower Upper
91 100
126 1.8 16.5 49.5#



#83
tert-Butylbenzene
Concen: 2.431 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Tgt Ion: 119 Resp: 10253
Ion Ratio Lower Upper
119 100
91 79.5 33.9 101.6
134 26.1 13.6 40.8

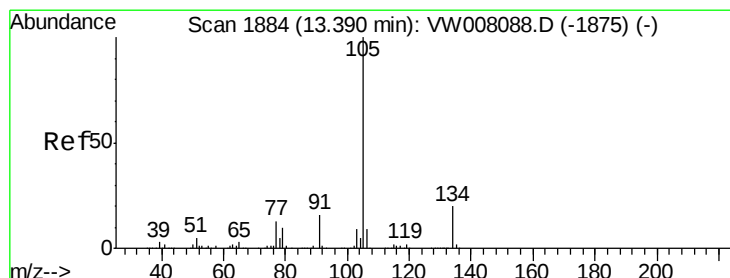
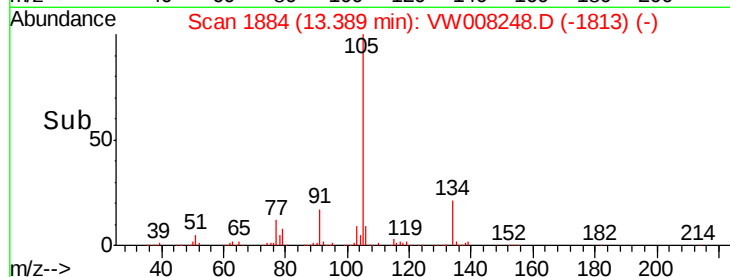
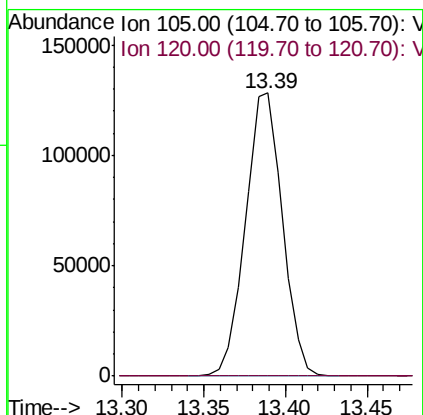
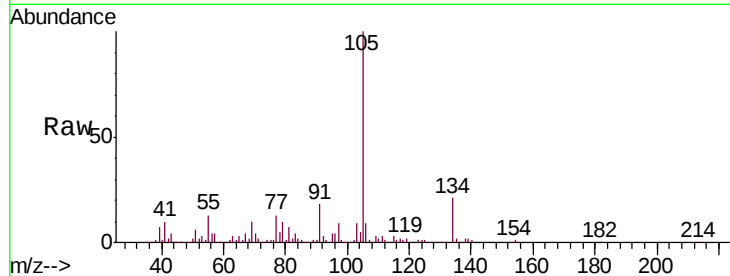




#84
 1,2,4-Trimethylbenzene
 Concen: 41.057 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.13 min
 Lab File: VW008248.D
 Acq: 14 Jan 2019 15:44

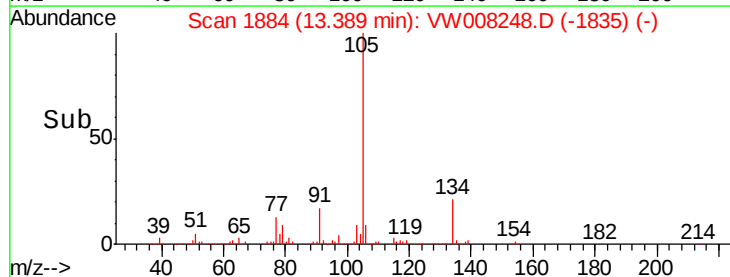
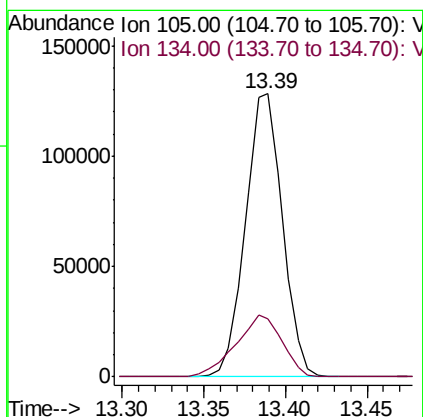
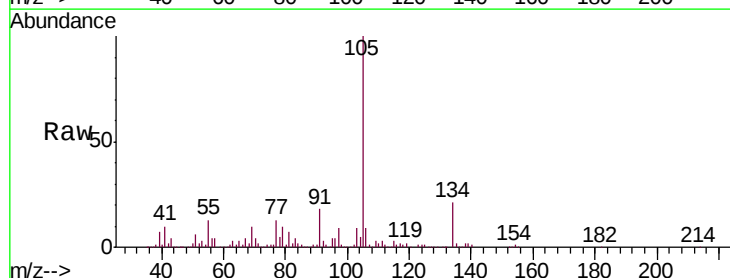
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-19(10-15)

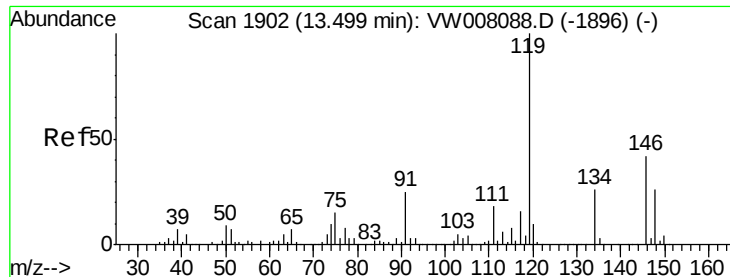
Tgt Ion:105 Resp: 201851
 Ion Ratio Lower Upper
 105 100
 120 0.3 22.7 68.1#



#85
 sec-Butylbenzene
 Concen: 32.676 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008248.D
 Acq: 14 Jan 2019 15:44

Tgt Ion:105 Resp: 201851
 Ion Ratio Lower Upper
 105 100
 134 27.3 10.1 30.1

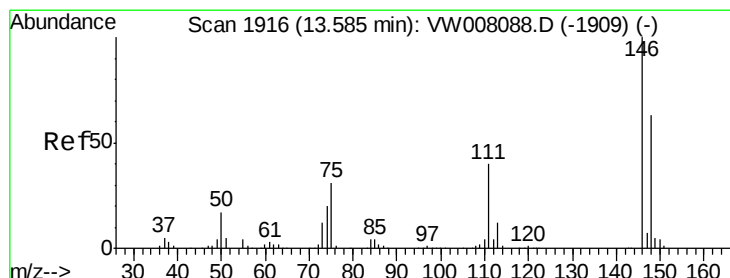
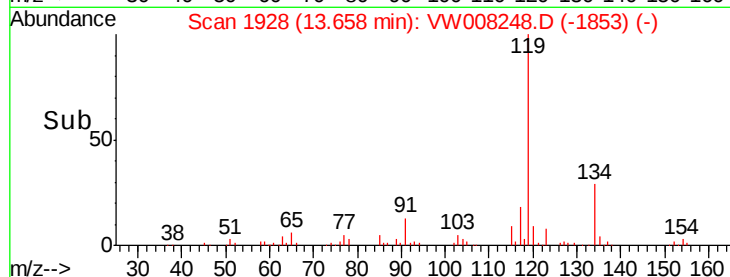
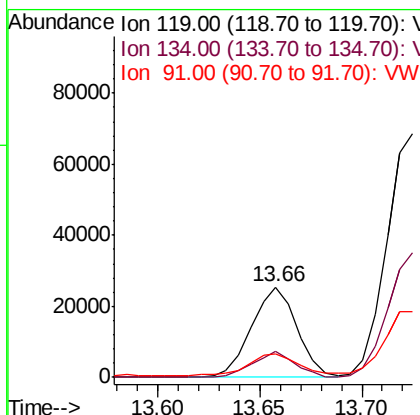
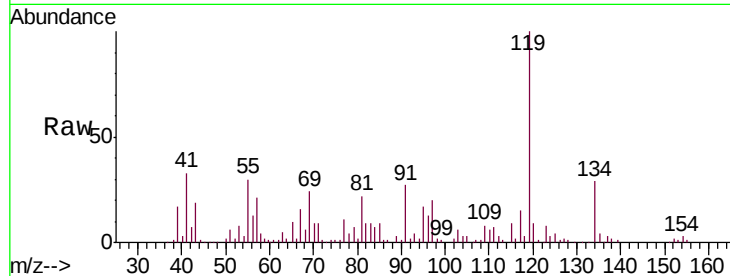




#86
p-Isopropyltoluene
Concen: 7.368 ug/l
RT: 13.66 min Scan# 1928
Delta R.T. 0.16 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

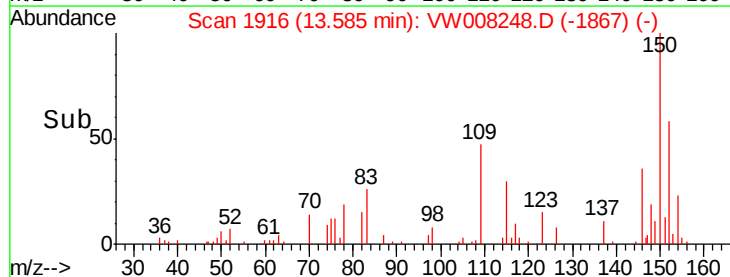
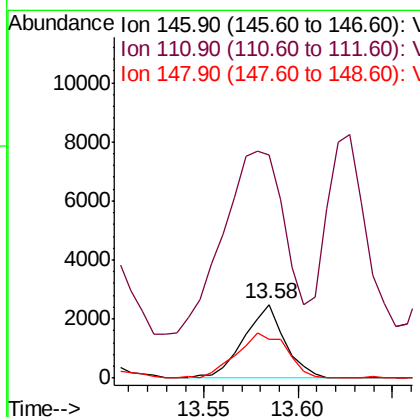
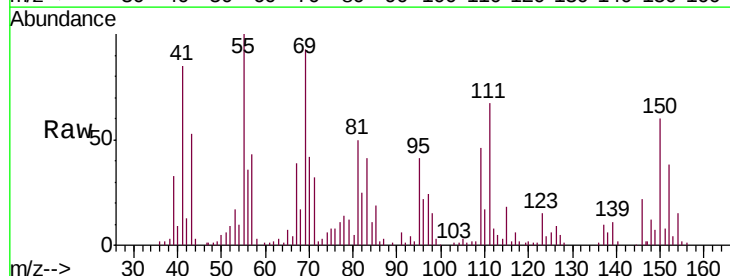
Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(10-15)

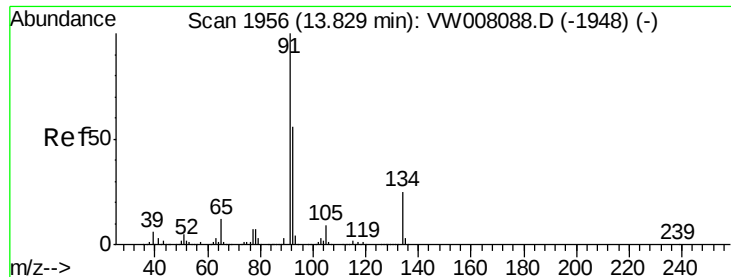
Tgt Ion:119 Resp: 39302
Ion Ratio Lower Upper
119 100
134 27.1 13.3 39.8
91 26.9 12.3 36.9



#88
1,4-Dichlorobenzene
Concen: 1.497 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Tgt Ion:146 Resp: 3735
Ion Ratio Lower Upper
146 100
111 374.0 20.5 61.5#
148 76.5 31.6 94.8





#89

n-Butylbenzene

Concen: 21.986 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

CPSB-19(10-15)

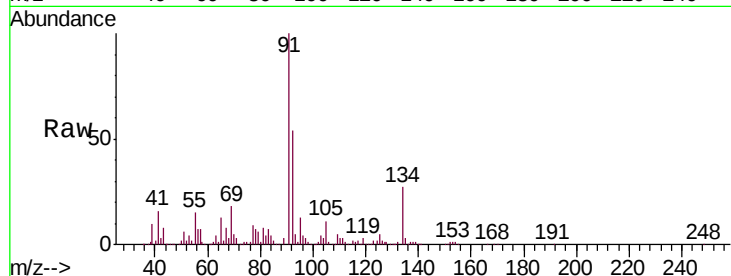
Tgt Ion: 91 Resp: 114866

Ion Ratio Lower Upper

91 100

92 49.2 27.4 82.2

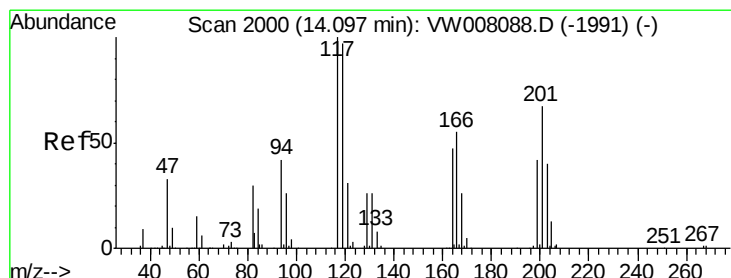
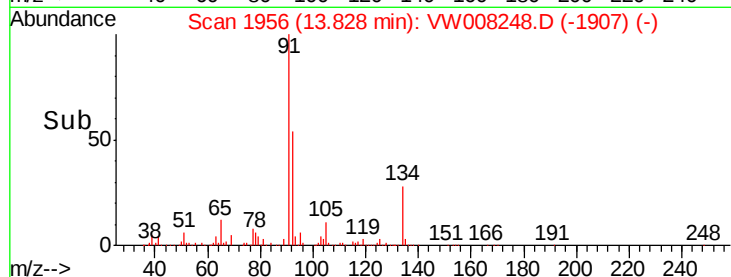
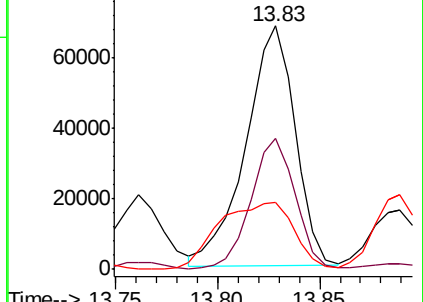
134 42.6 12.6 37.8#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 43.313 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008248.D

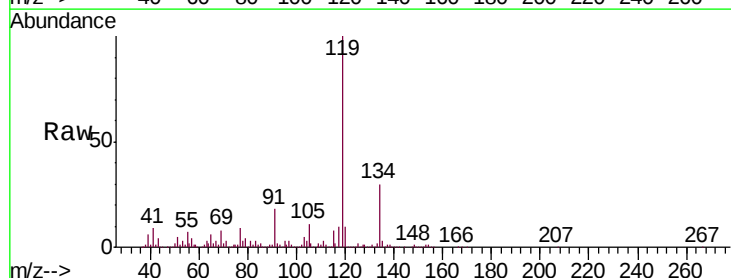
Acq: 14 Jan 2019 15:44

Tgt Ion: 117 Resp: 39026

Ion Ratio Lower Upper

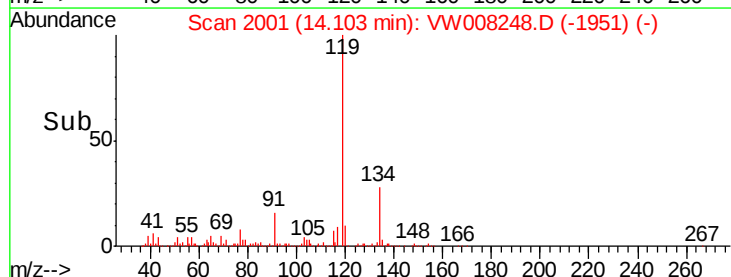
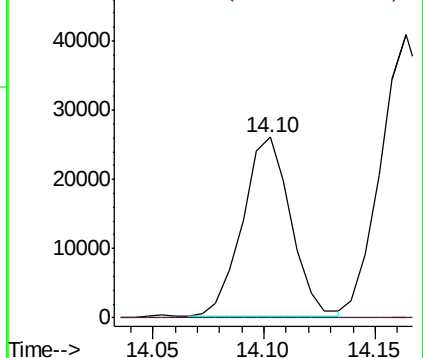
117 100

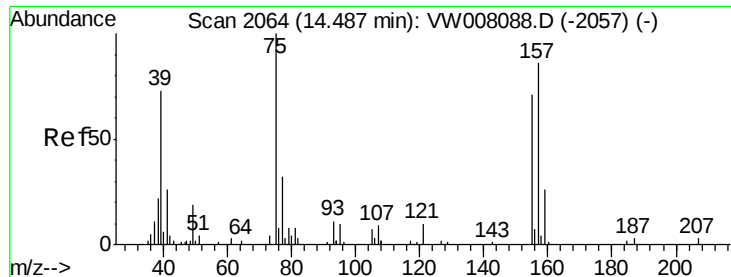
201 0.1 33.0 98.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.959 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

CPSB-19(10-15)

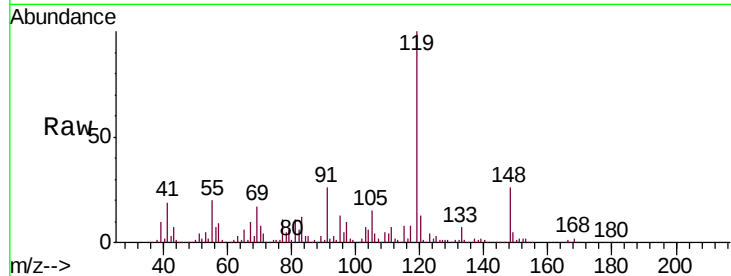
Tgt Ion: 75 Resp: 741

Ion Ratio Lower Upper

75 100

155 34.7 38.6 115.7#

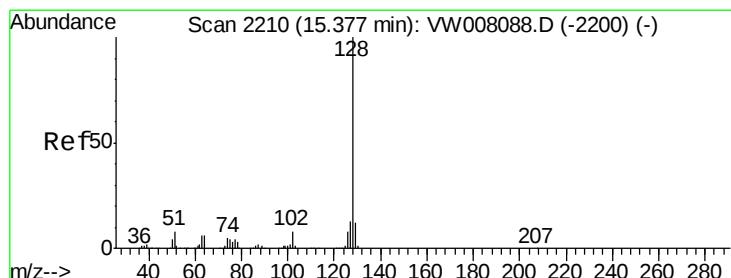
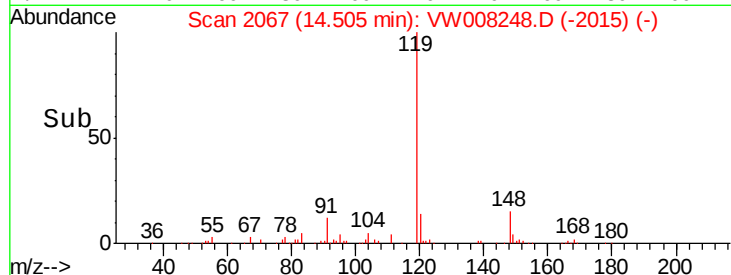
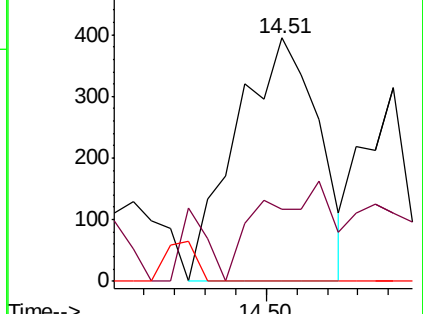
157 0.0 47.5 142.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 2.137 ug/l

RT: 15.33 min Scan# 2203

Delta R.T. -0.04 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

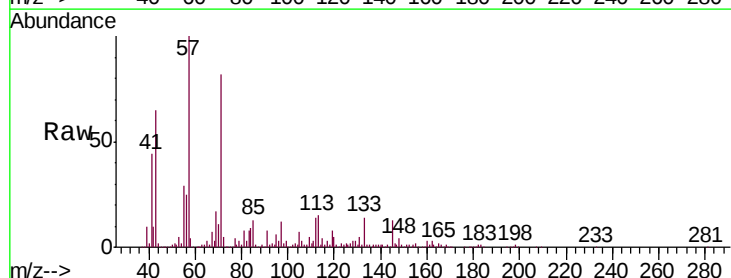
Tgt Ion: 128 Resp: 5788

Ion Ratio Lower Upper

128 100

127 84.6 11.0 16.4#

129 83.6 9.0 13.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

