

Data File : VW008199.D
Acq On : 11 Jan 2019 17:33
Operator : SY/VA
Sample : K1088-04RE
Misc : 5.08G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)RE

Quant Time: Jan 12 00:11:40 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	90318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	162480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	106162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	21286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	51214	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	7.88	113	49900	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	10.32	98	194652	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.62	95	43188	30.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.58%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.26	59	395	Below Cal	#	100
13) Acrolein	3.92	56	200	1.472	ug/l #	83
16) Acetone	4.13	43	7916	24.289	ug/l #	79
20) Methylene Chloride	4.92	84	9098	4.752	ug/l	95
25) 2-Butanone	7.17	43	2570	9.100	ug/l	99
31) Cyclohexane	7.95	56	7087	3.317	ug/l #	71
36) 1,1-Dichloropropene	7.95	75	7355	4.394	ug/l #	52
38) Carbon Tetrachloride	7.95	117	9449	6.168	ug/l #	17
39) Methylcyclohexane	9.34	83	51828	24.422	ug/l	97
43) Isopropyl Acetate	8.42	43	2260	1.686	ug/l #	52
47) Bromodichloromethane	9.61	83	1751	1.247	ug/l #	38
48) Methyl methacrylate	9.47	41	1647	2.604	ug/l #	16
49) 1,4-Dioxane	9.38	88	73	8.211	ug/l #	1
51) 4-Methyl-2-Pentanone	10.25	43	6524	10.053	ug/l	96
55) 1,1,2-Trichloroethane	10.76	97	24676	31.794	ug/l #	24
56) Ethyl methacrylate	10.67	69	8515	8.859	ug/l #	1
59) 2-Hexanone	10.94	43	65893	150.148	ug/l #	30
65) Chlorobenzene	11.66	112	11812	5.252	ug/l	98
69) o-Xylene	12.17	106	3023	2.078	ug/l	77
73) Isopropylbenzene	12.47	105	44900	26.868	ug/l	100
74) N-amyl acetate	12.26	43	147548	398.687	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.69	83	8522	31.859	ug/l #	47
76) 1,2,3-Trichloropropane	12.62	75	16916	87.176	ug/l #	1
78) n-propylbenzene	12.80	91	7040	3.438	ug/l	88
79) 2-Chlorotoluene	12.90	91	3849	3.369	ug/l #	54
80) 1,3,5-Trimethylbenzene	13.11	105	22023	16.037	ug/l	76
81) trans-1,4-Dichloro-2-buten	12.46	75	736	8.833	ug/l #	1
83) tert-Butylbenzene	13.21	119	7552	6.216	ug/l	78
84) 1,2,4-Trimethylbenzene	13.11	105	22023	15.549	ug/l	81
85) sec-Butylbenzene	13.39	105	110229	61.937	ug/l	79
86) p-Isopropyltoluene	13.39	119	2364	1.538	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	1949	2.712	ug/l #	1
89) n-Butylbenzene	13.83	91	70159	46.611	ug/l #	86
90) Hexachloroethane	14.10	117	18507	71.296	ug/l #	17

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011119\
Quantitation Report (Not Reviewed)

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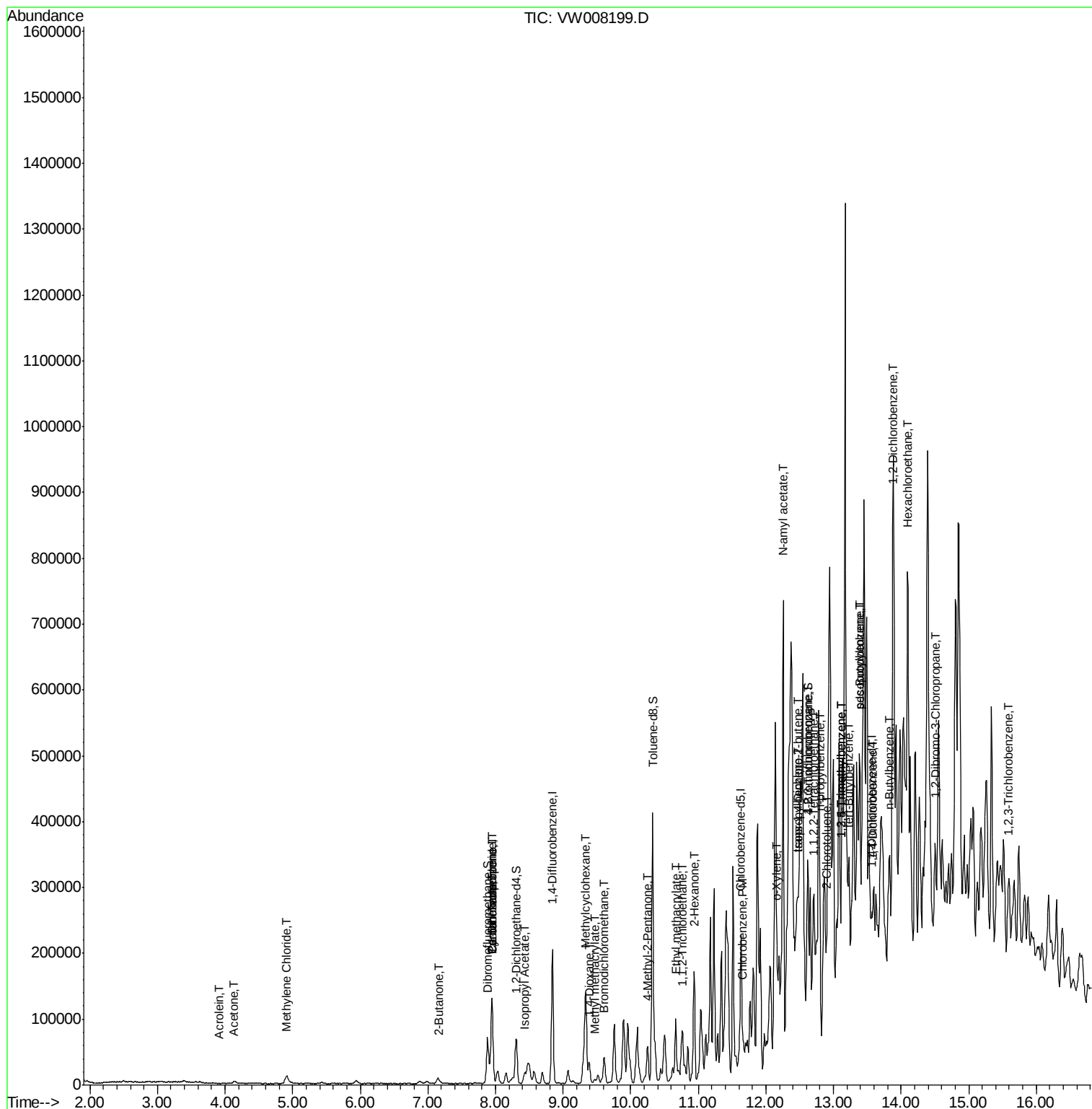
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.87	146	5247	8.335	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.50	75	1380	32.057	ug/l #	11
96) 1,2,3-Trichlorobenzene	15.58	180	1114	3.127	ug/l #	74

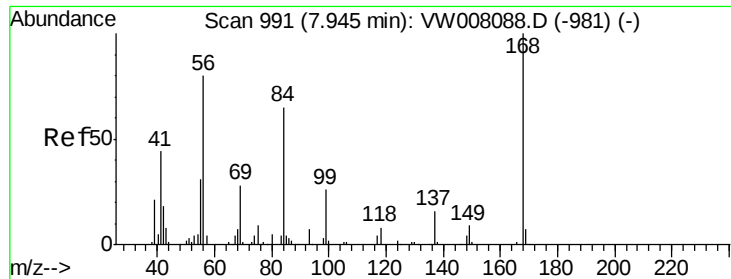
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

Instrument :

MSVOA_W

ClientSampleId :

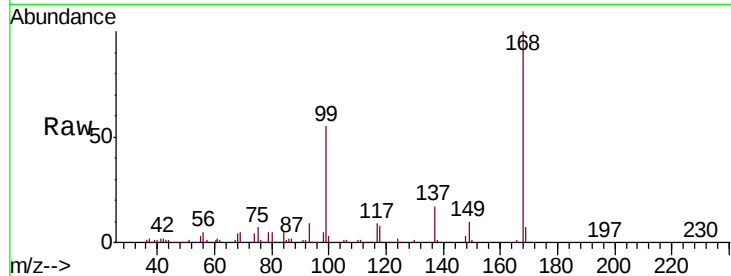
CPSB-04(15-20)RE

Tgt Ion:168 Resp: 90318

Ion Ratio Lower Upper

168 100

99 55.1 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

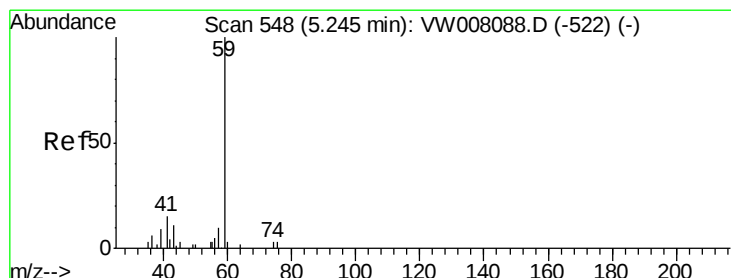
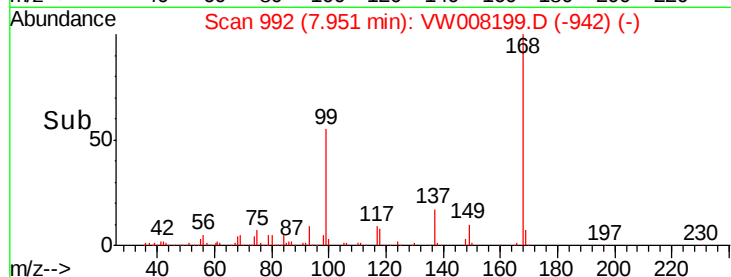
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.26 min Scan# 550

Delta R.T. 0.01 min

Lab File: VW008199.D

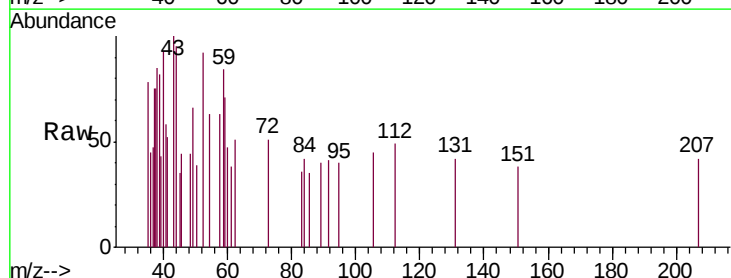
Acq: 11 Jan 2019 17:33

Tgt Ion: 59 Resp: 395

Ion Ratio Lower Upper

59 100

57 60.3 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

500

400

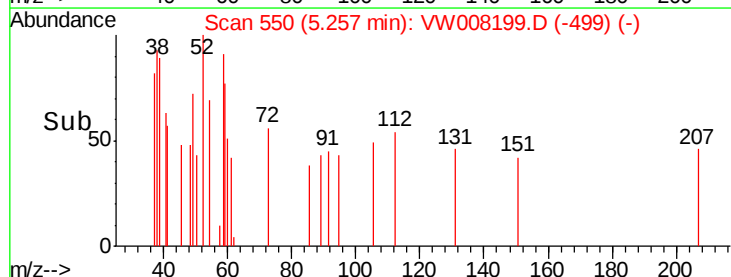
300

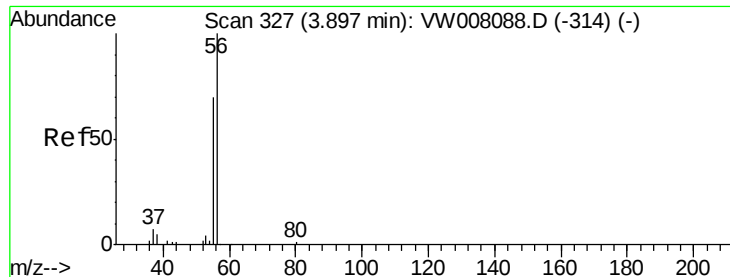
200

100

0

Time-->





#13

Acrolein

Concen: 1.472 ug/l

RT: 3.92 min Scan# 330

Delta R.T. 0.02 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

Instrument :

MSVOA_W

ClientSampleId :

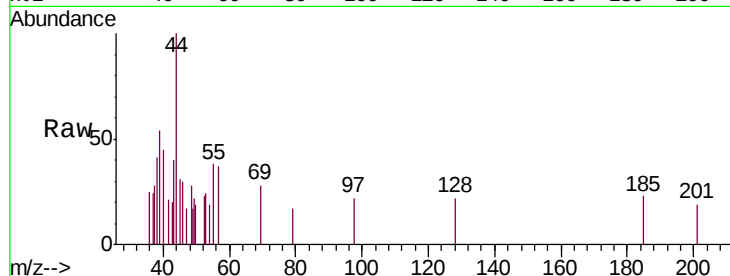
CPSB-04(15-20)RE

Tgt Ion: 56 Resp: 200

Ion Ratio Lower Upper

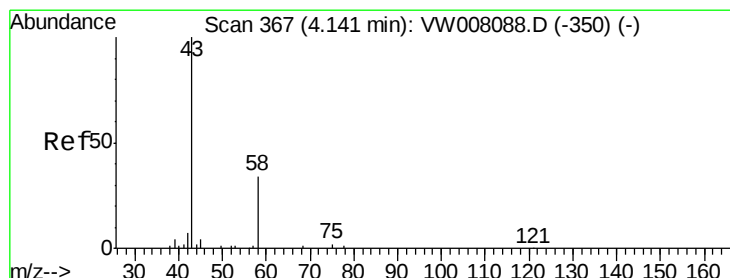
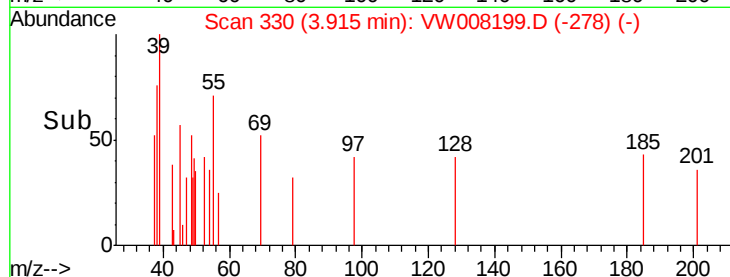
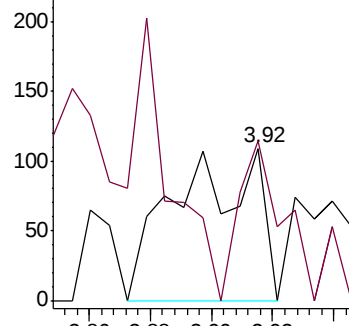
56 100

55 56.5 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 24.289 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008199.D

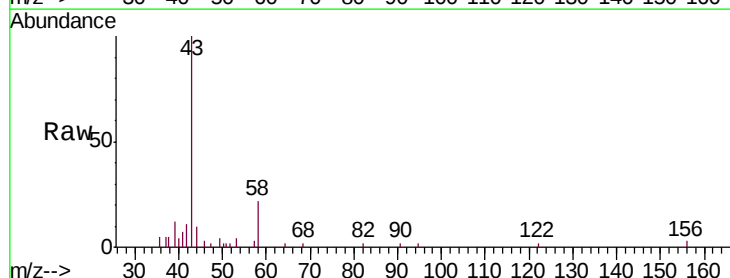
Acq: 11 Jan 2019 17:33

Tgt Ion: 43 Resp: 7916

Ion Ratio Lower Upper

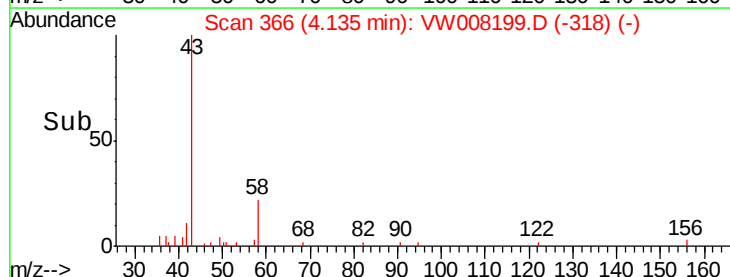
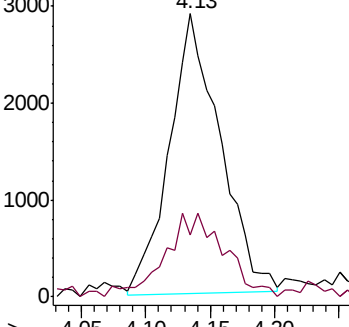
43 100

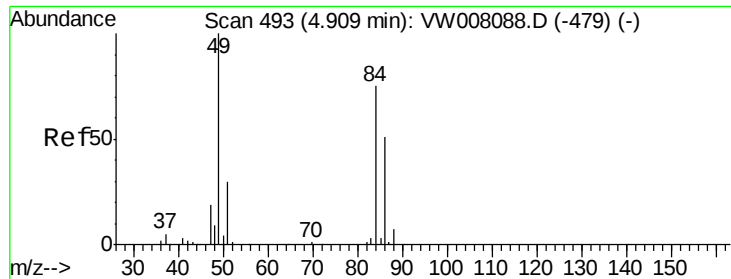
58 22.2 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 4.752 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)RE

Tgt Ion: 84 Resp: 9098

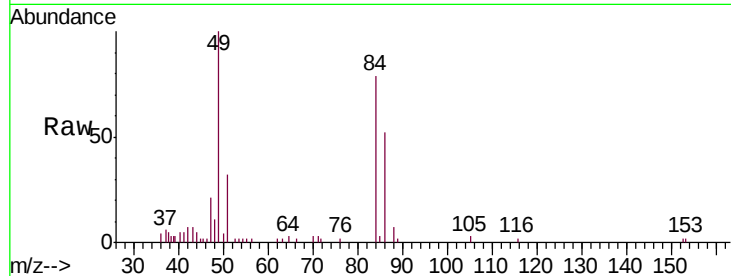
Ion Ratio Lower Upper

84 100

49 124.8 107.1 160.7

51 40.3 32.4 48.6

86 66.6 54.2 81.4



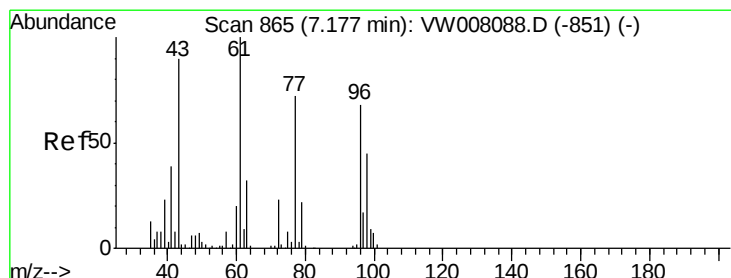
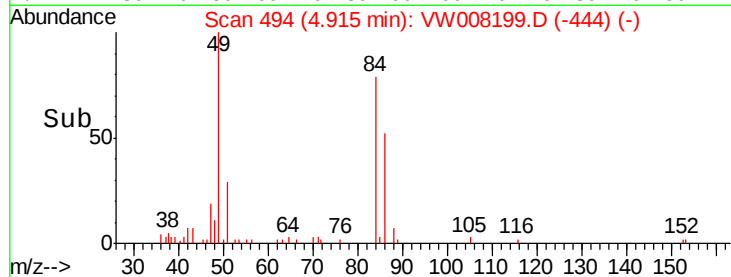
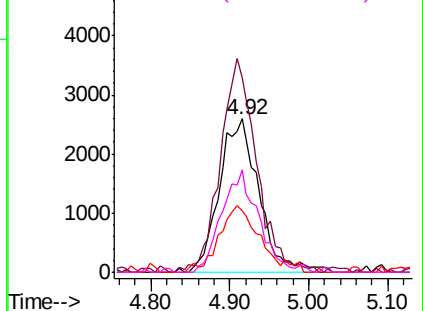
Abundance

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: 9.100 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008199.D

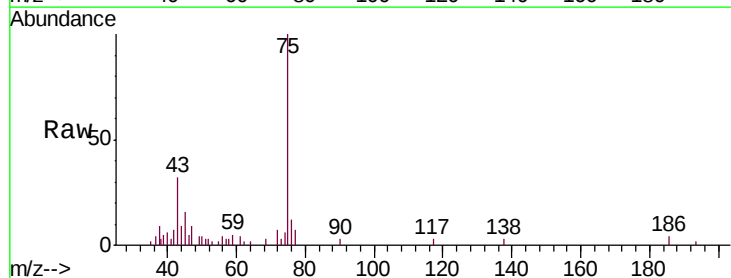
Acq: 11 Jan 2019 17:33

Tgt Ion: 43 Resp: 2570

Ion Ratio Lower Upper

43 100

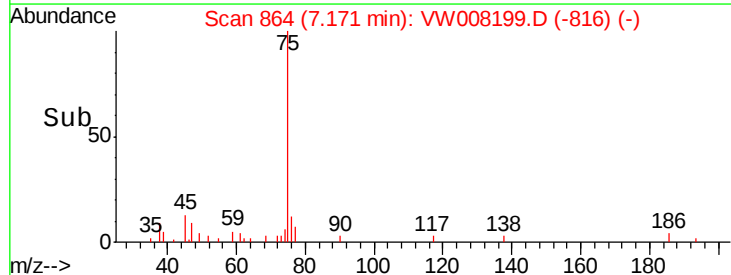
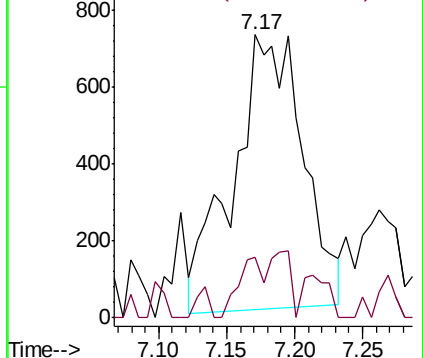
72 25.0 20.5 30.7

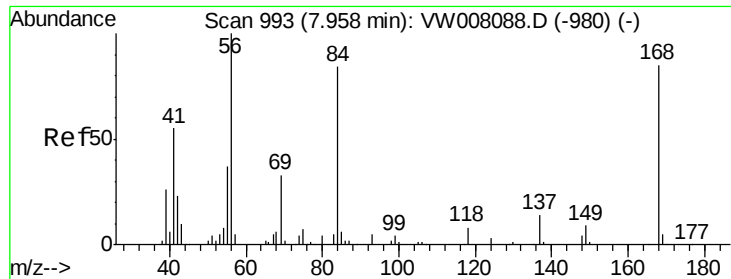


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

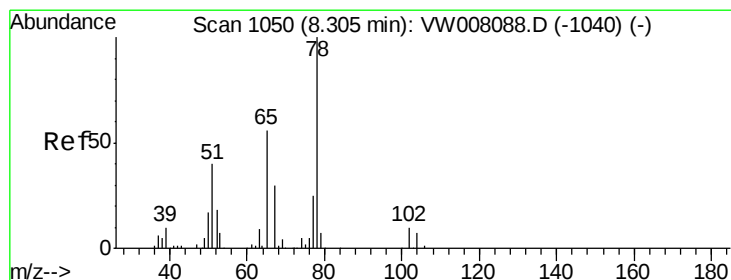
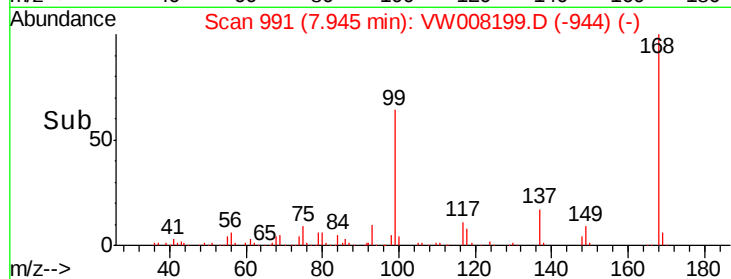
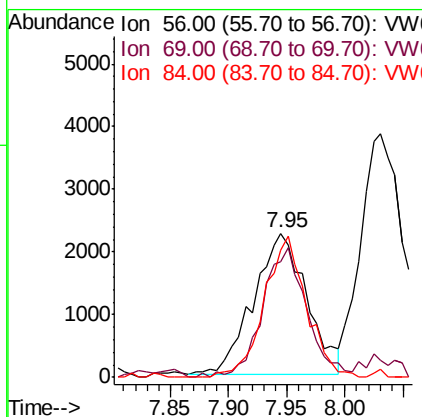
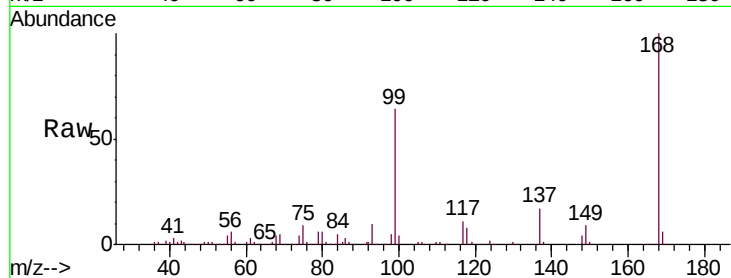




#31
Cyclohexane
Concen: 3.317 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

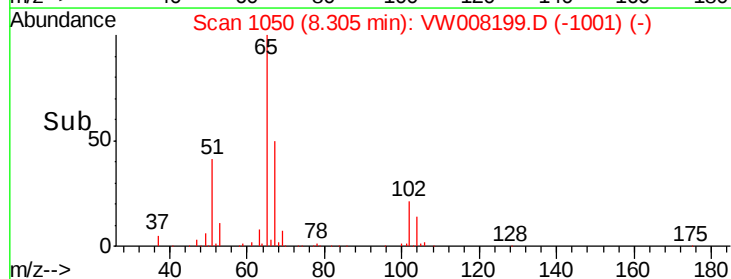
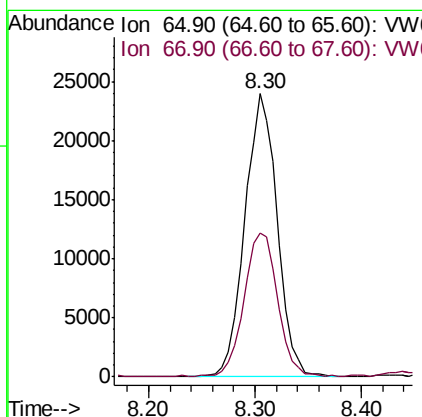
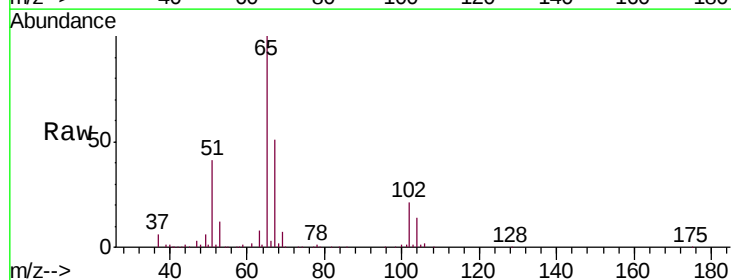
Instrument :
MSVOA_W
ClientSampleId :
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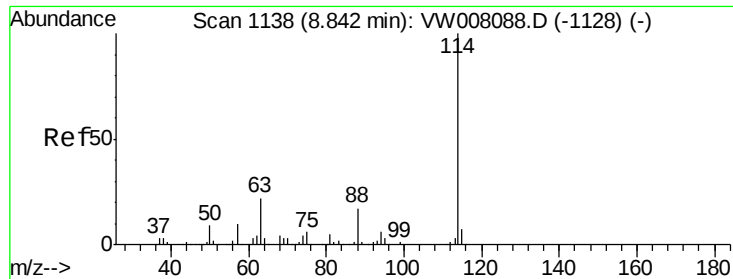
Tgt Ion: 56 Resp: 7087
Ion Ratio Lower Upper
56 100
69 82.1 26.2 39.4#
84 90.2 67.4 101.2



#33
1,2-Dichloroethane-d4
Concen: 50.452 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

Tgt Ion: 65 Resp: 51214
Ion Ratio Lower Upper
65 100
67 52.2 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: VW008199.D

Acq: 11 Jan 2019 17:33

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)RE

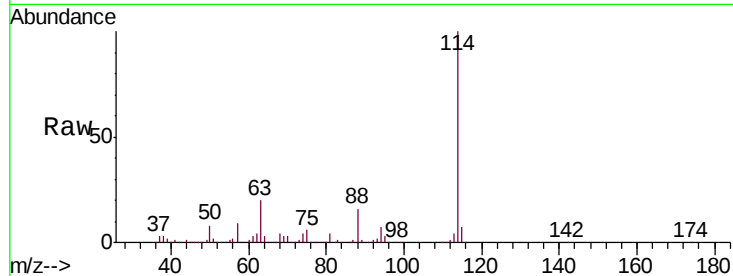
Tgt Ion:114 Resp: 162480

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.4

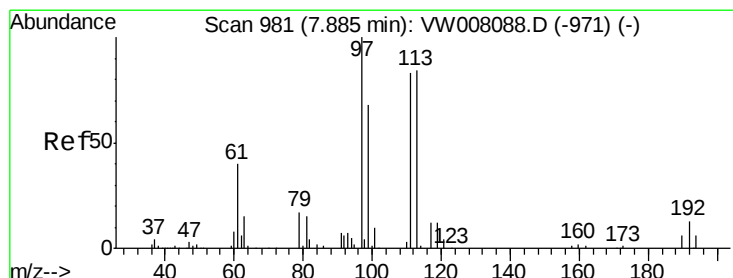
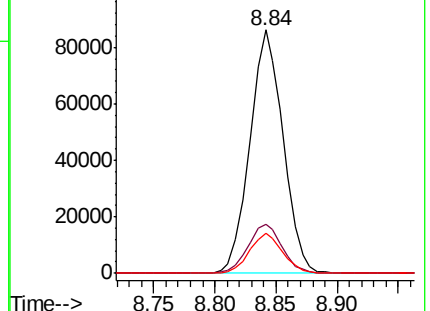
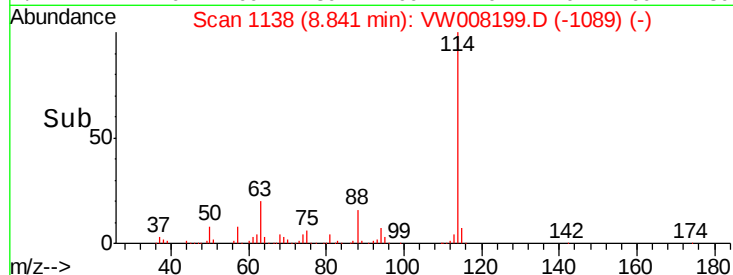
88 16.4 0.0 33.4



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: 52.657 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

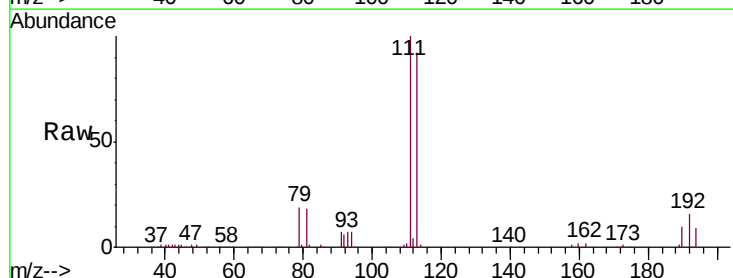
Tgt Ion:113 Resp: 49900

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

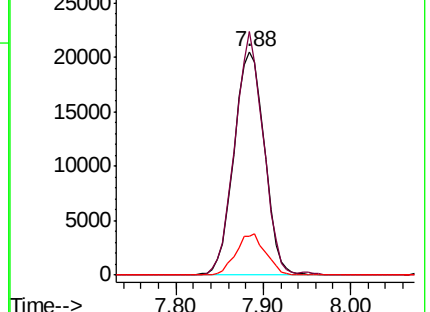
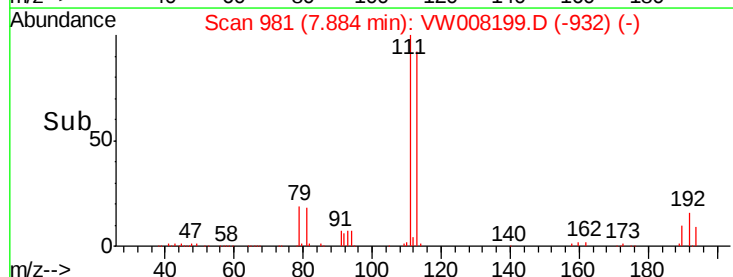
192 18.0 12.8 19.2

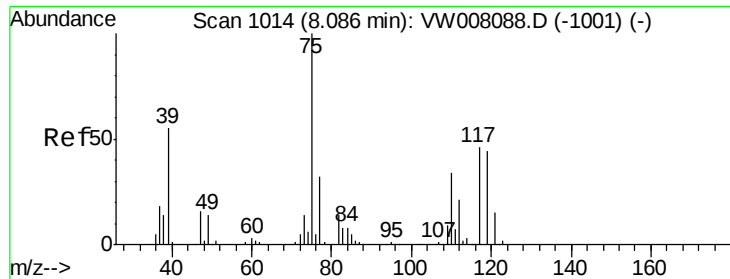


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

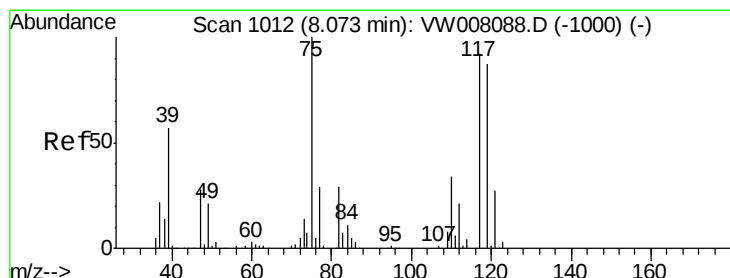
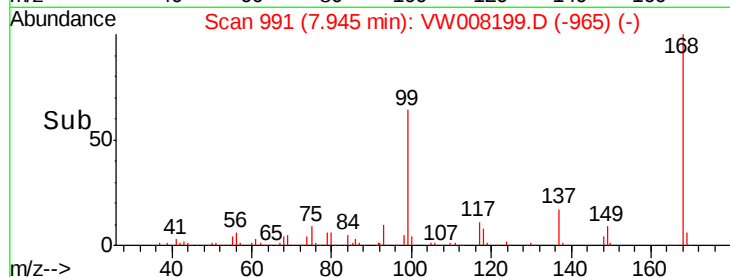
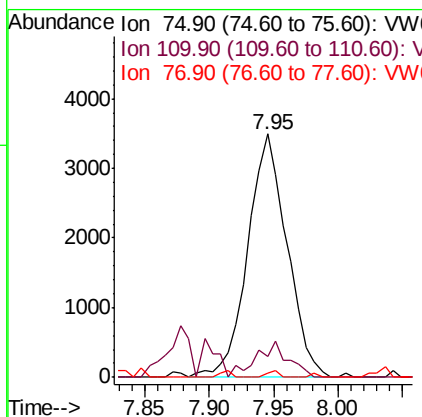
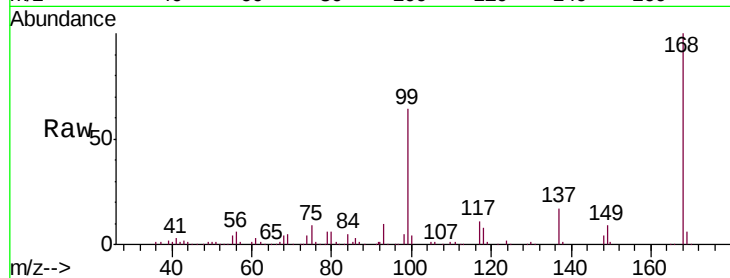




#36
 1,1-Dichloropropene
 Concen: 4.394 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008199.D
 Acq: 11 Jan 2019 17:33

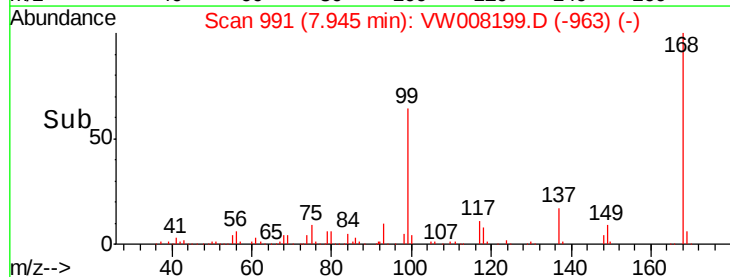
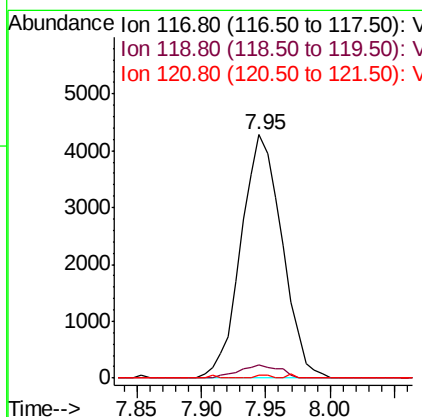
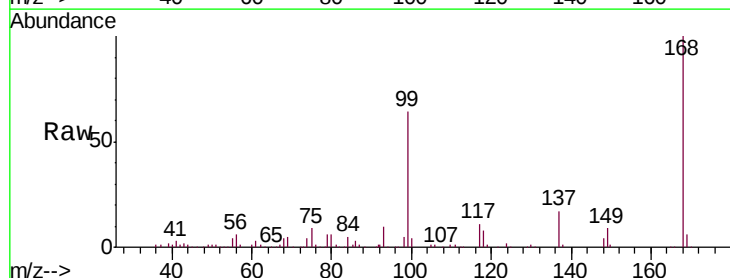
Instrument :
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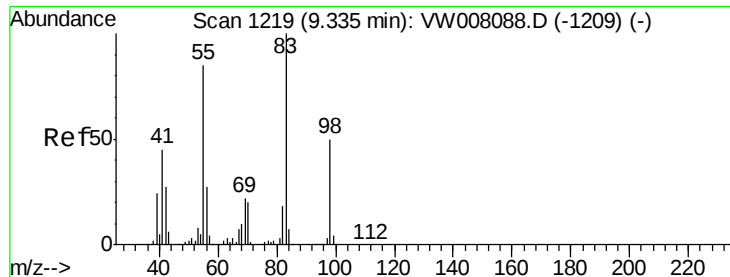
Tgt Ion: 75 Resp: 7355
 Ion Ratio Lower Upper
 75 100
 110 10.8 17.1 51.3#
 77 0.8 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.168 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008199.D
 Acq: 11 Jan 2019 17:33

Tgt Ion: 117 Resp: 9449
 Ion Ratio Lower Upper
 117 100
 119 5.2 75.8 113.8#
 121 1.4 23.7 35.5#

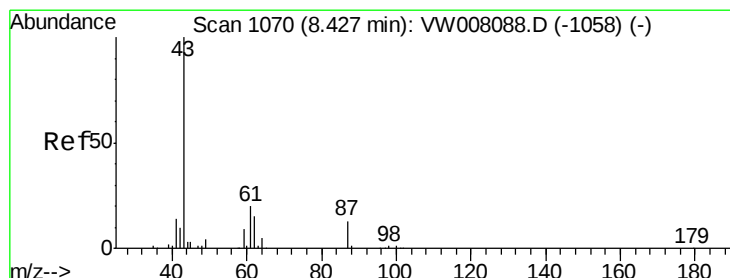
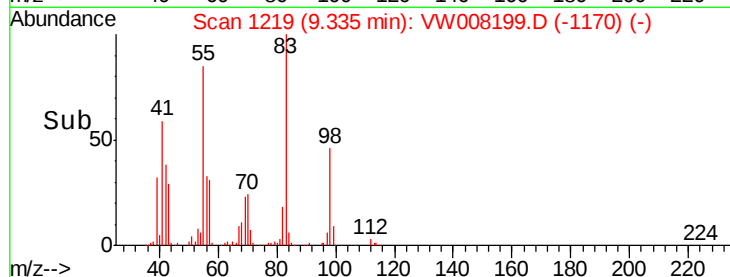
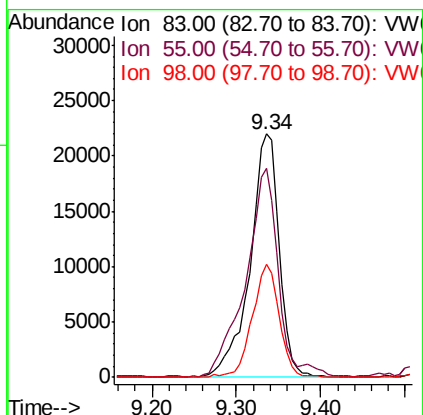
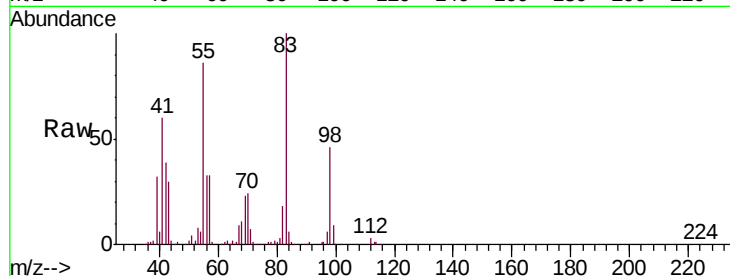




#39
Methylcyclohexane
Concen: 24.422 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

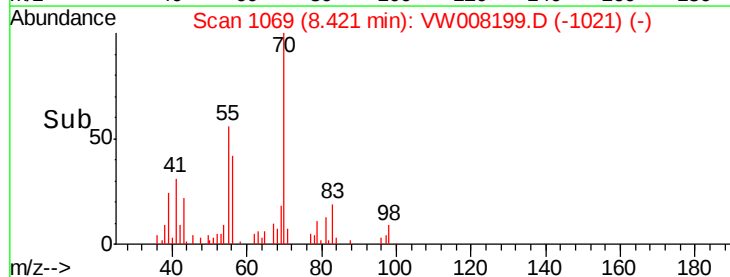
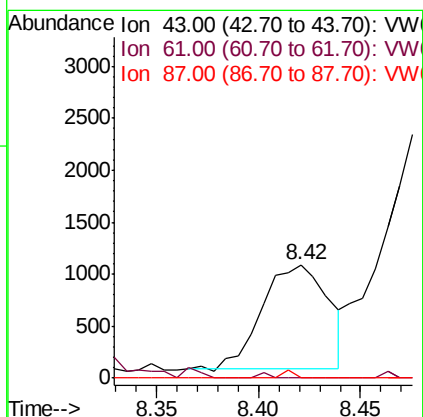
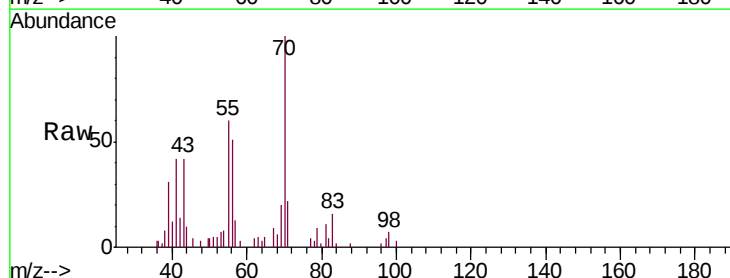
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)RE

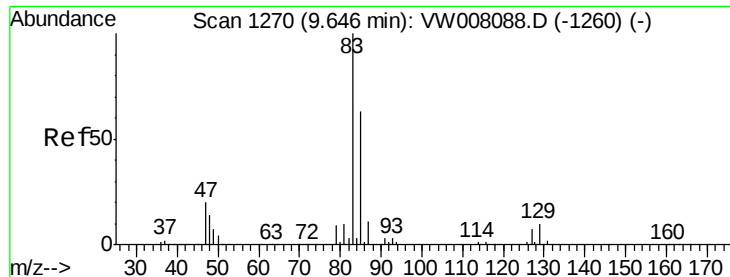
Tgt Ion: 83 Resp: 51828
Ion Ratio Lower Upper
83 100
55 85.7 67.8 101.6
98 46.2 40.2 60.4



#43
Isopropyl Acetate
Concen: 1.686 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

Tgt Ion: 43 Resp: 2260
Ion Ratio Lower Upper
43 100
61 0.0 24.8 37.2#
87 1.2 10.4 15.6#





#47

Bromodichloromethane

Concen: 1.247 ug/l

RT: 9.61 min Scan# 1264

Delta R.T. -0.04 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)RE

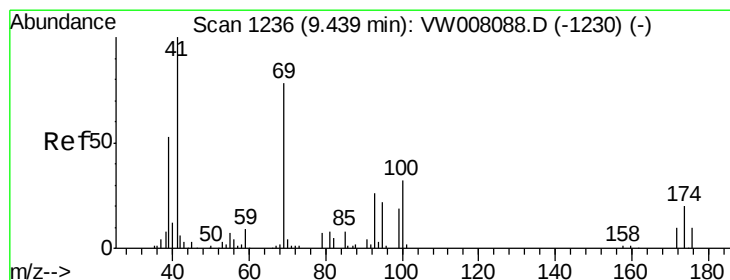
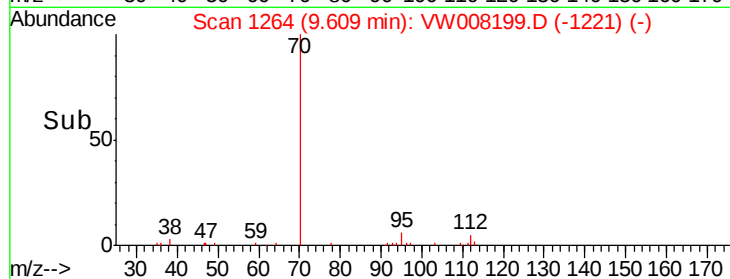
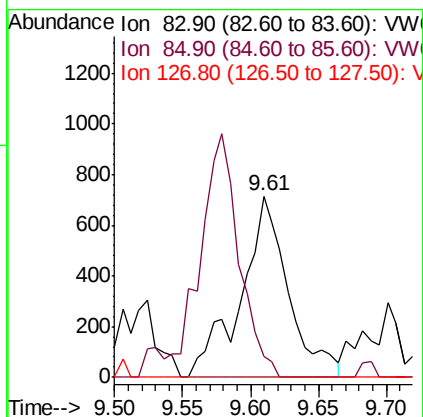
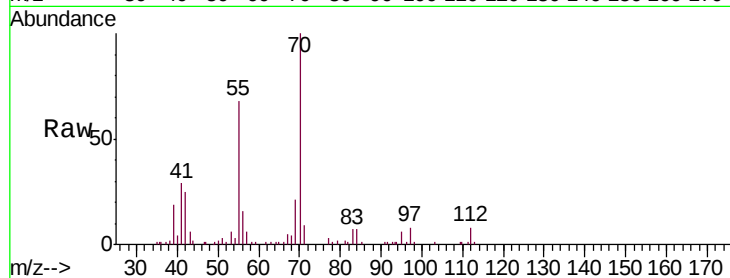
Tgt Ion: 83 Resp: 1751

Ion Ratio Lower Upper

83 100

85 11.2 50.7 76.1#

127 0.0 6.0 9.0#



#48

Methyl methacrylate

Concen: 2.604 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.03 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

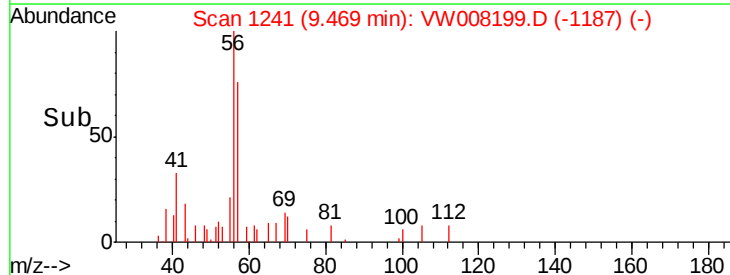
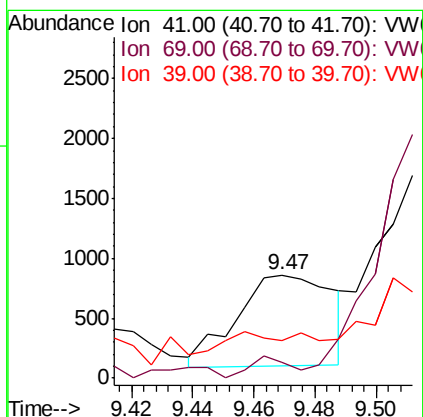
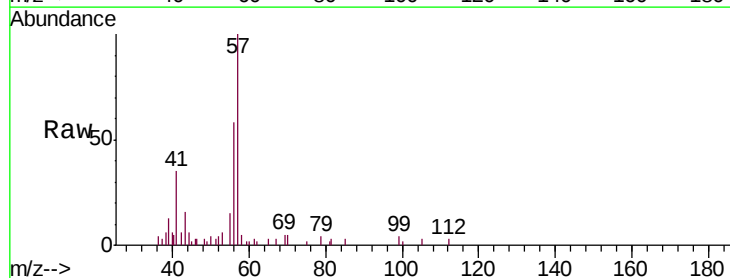
Tgt Ion: 41 Resp: 1647

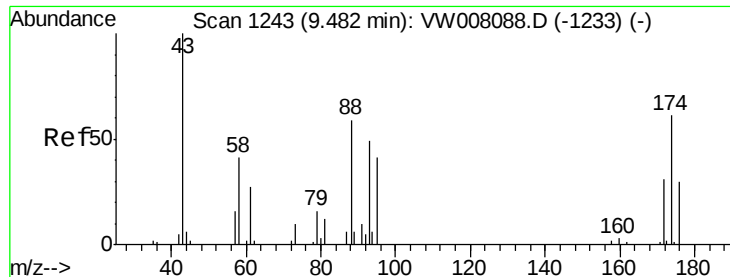
Ion Ratio Lower Upper

41 100

69 0.0 61.9 92.9#

39 0.0 43.0 64.4#





#49

1,4-Dioxane

Concen: 8.211 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.10 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)RE

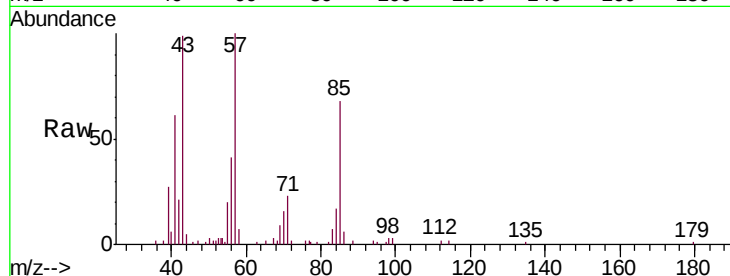
Tgt Ion: 88 Resp: 73

Ion Ratio Lower Upper

88 100

43 16502.7 0.0 0.0#

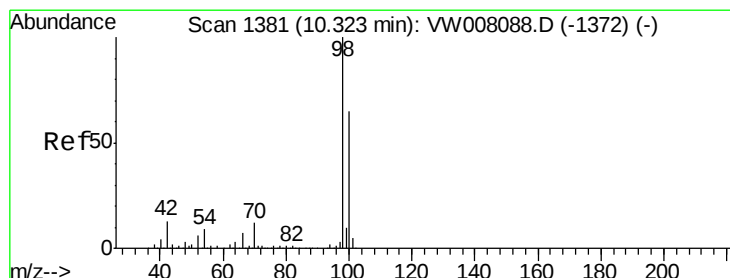
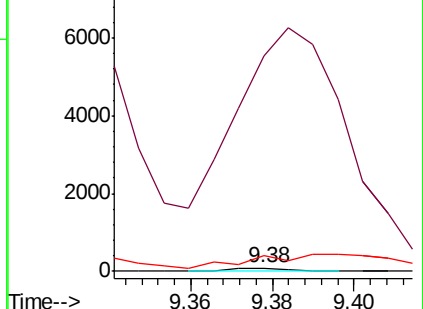
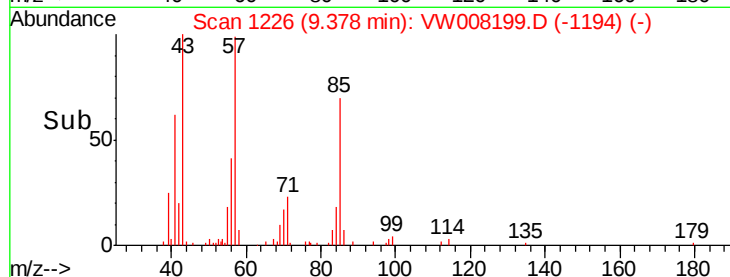
58 1923.3 61.7 92.5#



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: 48.948 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008199.D

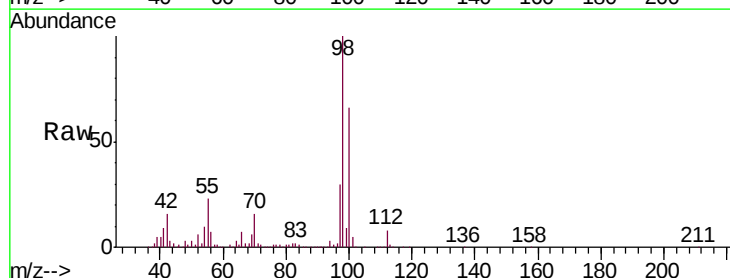
Acq: 11 Jan 2019 17:33

Tgt Ion: 98 Resp: 194652

Ion Ratio Lower Upper

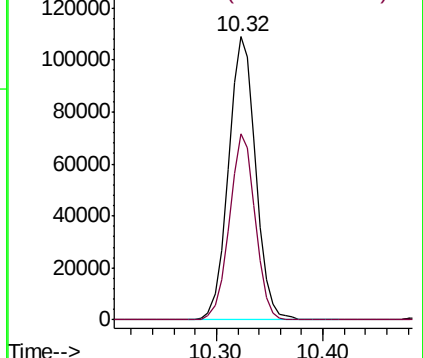
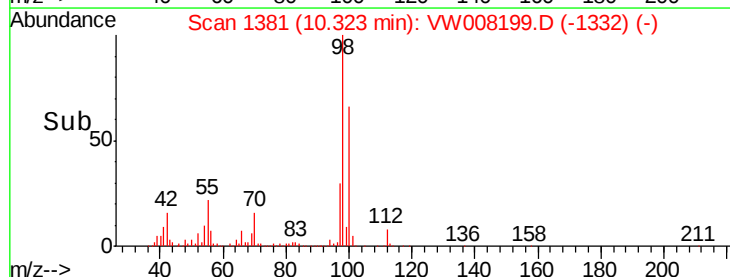
98 100

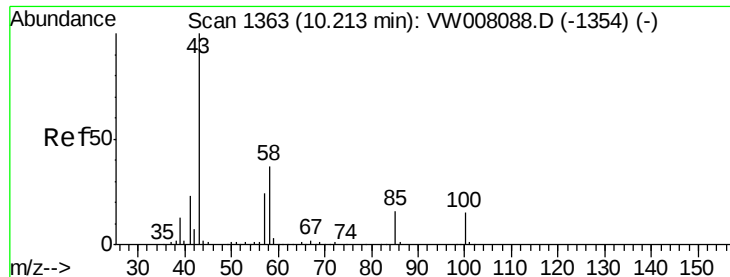
100 62.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 10.053 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

Instrument :

MSVOA_W

ClientSampleId :

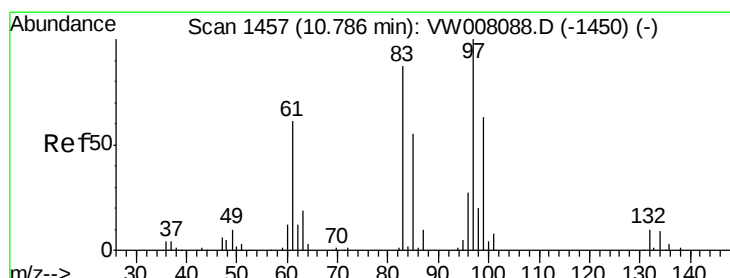
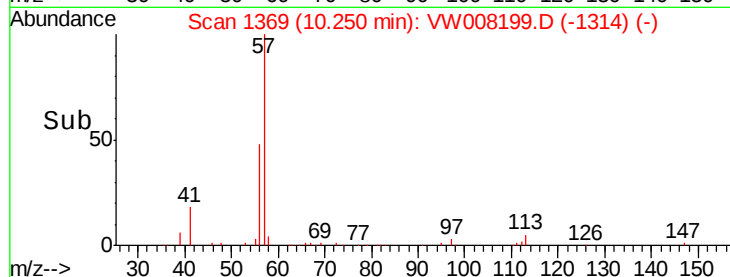
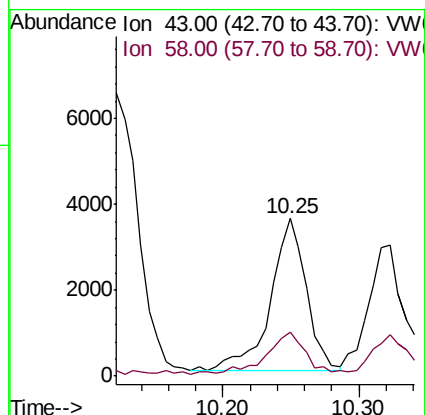
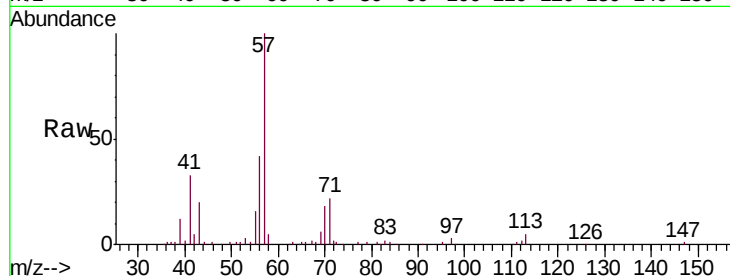
CPSB-04(15-20)RE

Tgt Ion: 43 Resp: 6524

Ion Ratio Lower Upper

43 100

58 35.7 30.6 46.0



#55

1,1,2-Trichloroethane

Concen: 31.794 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

Tgt Ion: 97 Resp: 24676

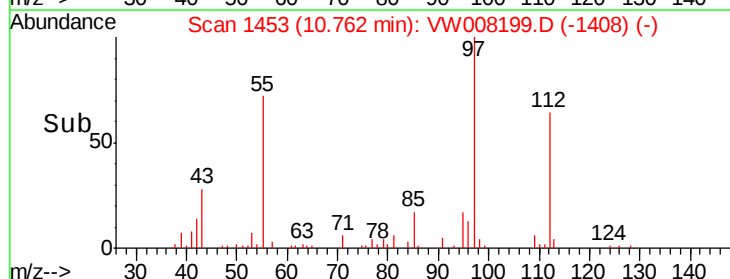
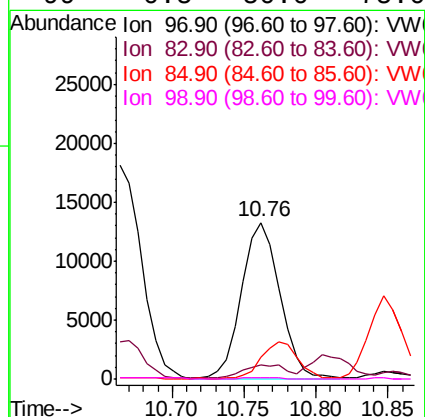
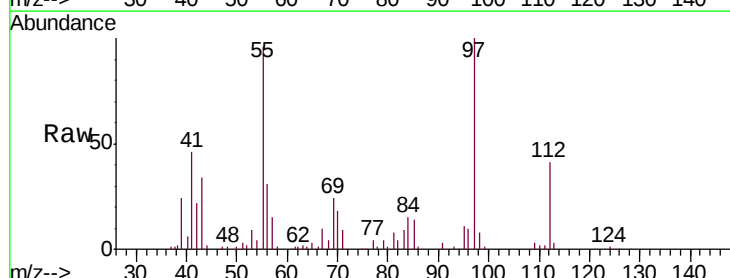
Ion Ratio Lower Upper

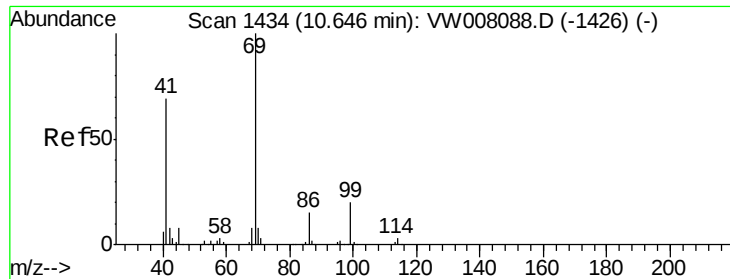
97 100

83 8.3 69.3 103.9#

85 13.9 43.8 65.6#

99 0.5 50.0 75.0#

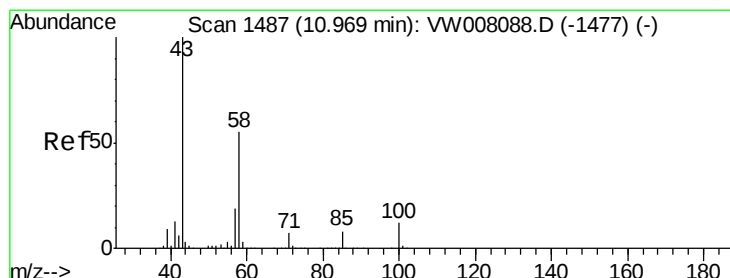
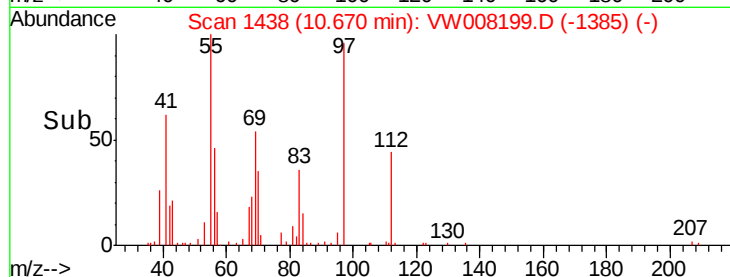
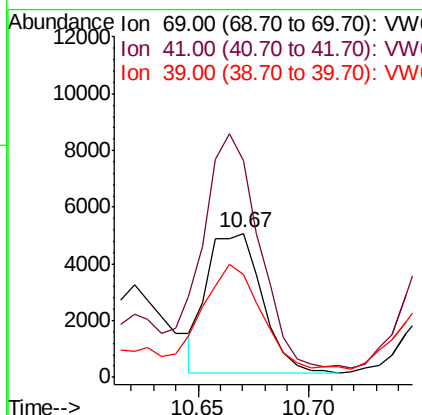
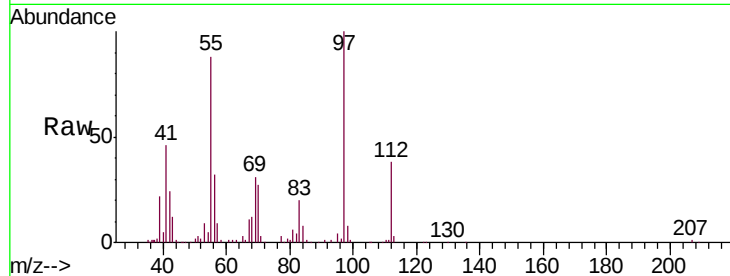




#56
Ethyl methacrylate
Concen: 8.859 ug/l
RT: 10.67 min Scan# 1438
Delta R.T. 0.02 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

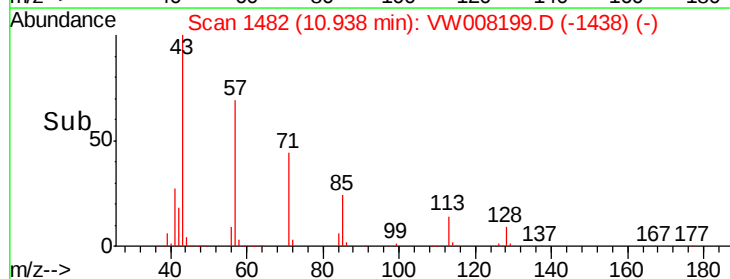
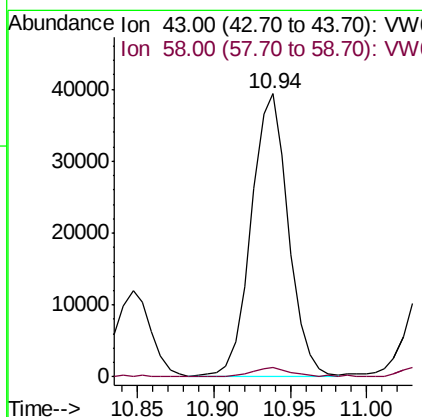
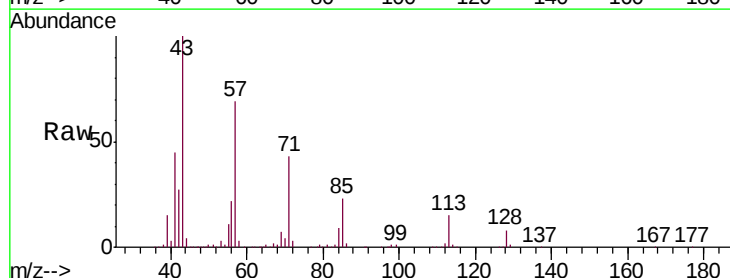
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)RE

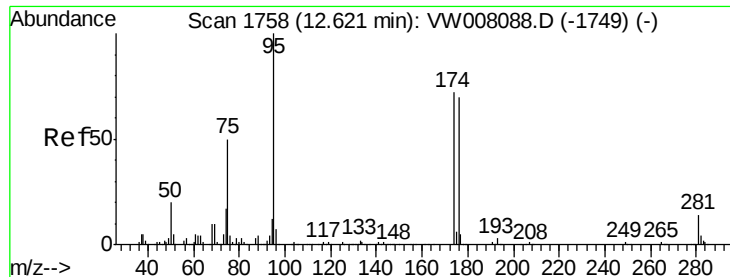
Tgt Ion: 69 Resp: 8515
Ion Ratio Lower Upper
69 100
41 174.3 56.4 84.6#
39 81.1 28.1 42.1#



#59
2-Hexanone
Concen: 150.148 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

Tgt Ion: 43 Resp: 65893
Ion Ratio Lower Upper
43 100
58 3.9 27.2 81.5#

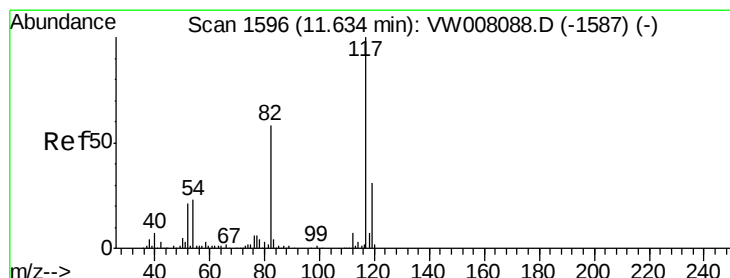
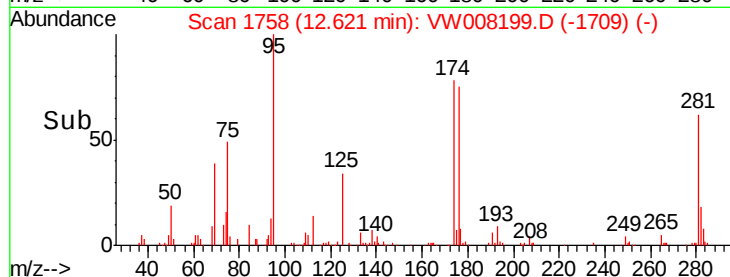
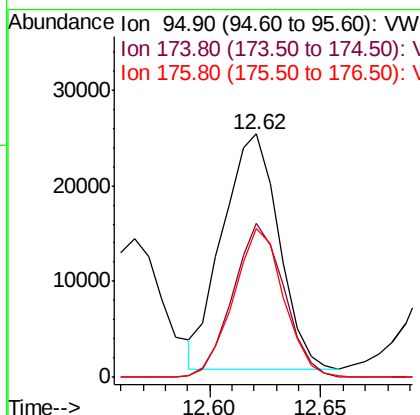
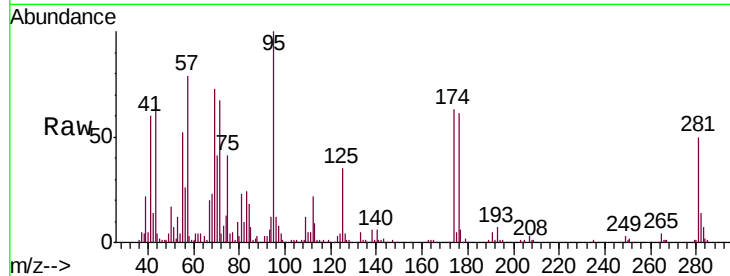




#62
4-Bromofluorobenzene
Concen: 30.294 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

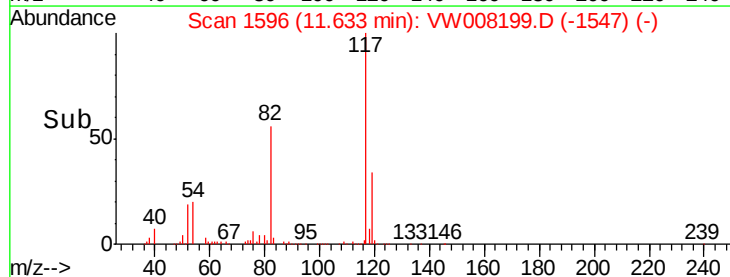
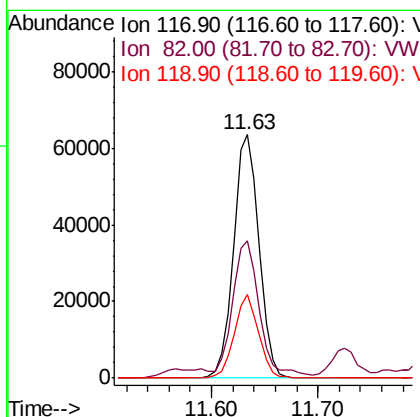
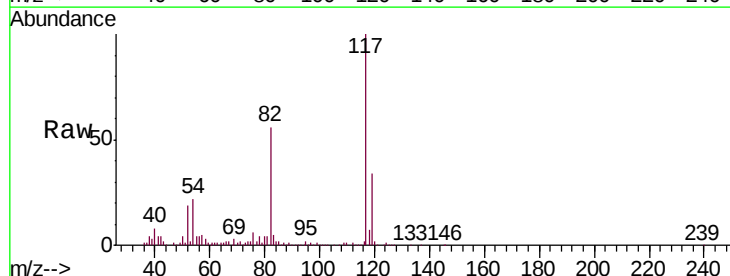
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)RE

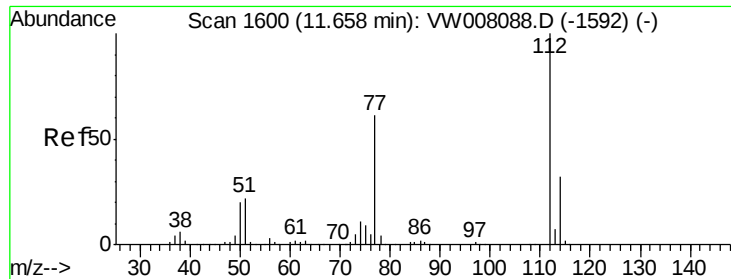
Tgt Ion: 95 Resp: 43188
Ion Ratio Lower Upper
95 100
174 59.9 0.0 143.0
176 56.6 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

Tgt Ion: 117 Resp: 106162
Ion Ratio Lower Upper
117 100
82 53.0 46.4 69.6
119 34.2 24.7 37.1

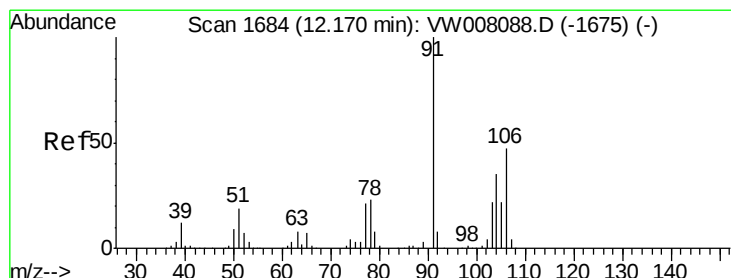
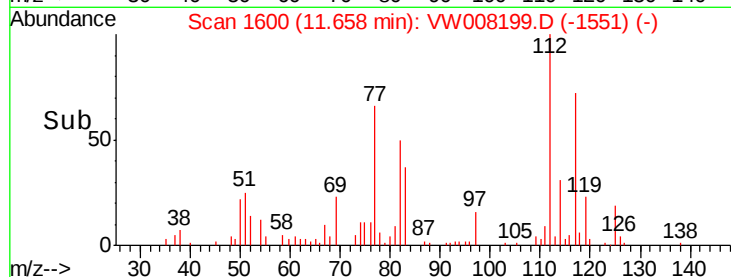
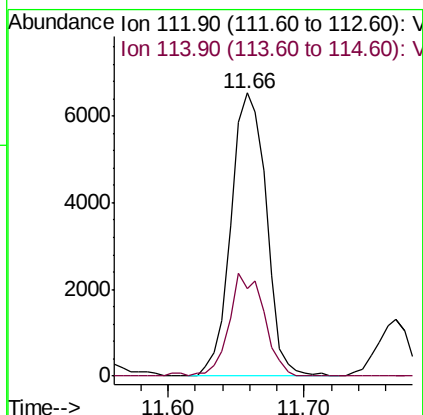
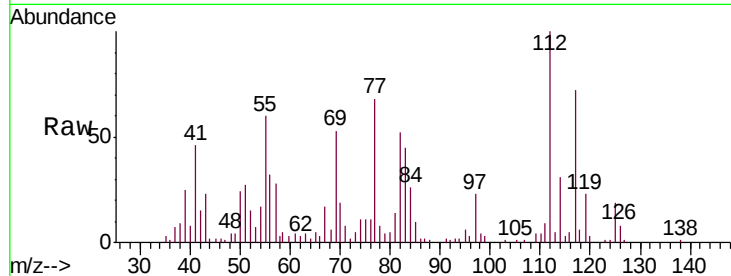




#65
Chlorobenzene
Concen: 5.252 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

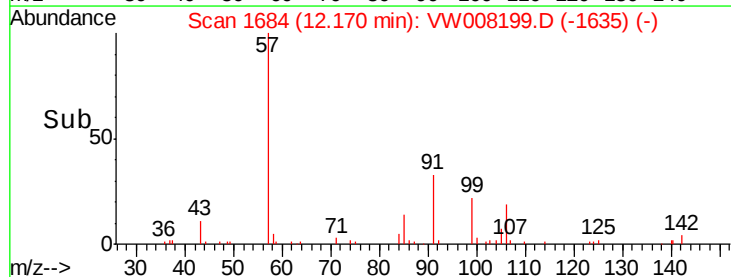
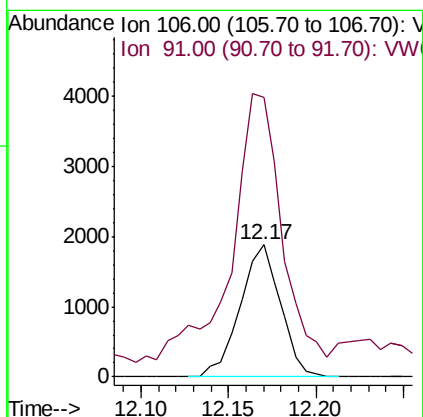
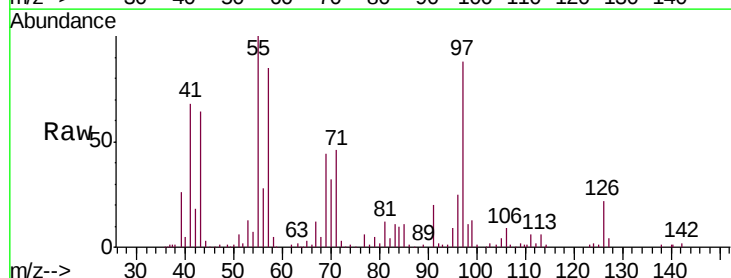
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)RE

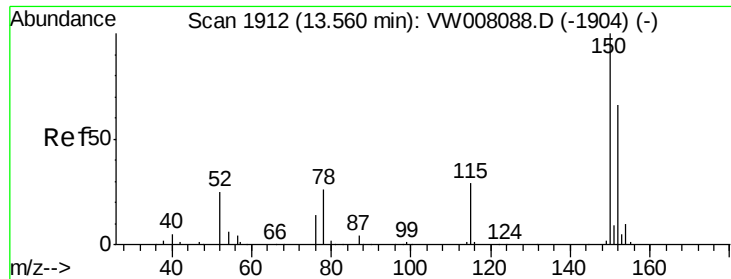
Tgt Ion:112 Resp: 11812
Ion Ratio Lower Upper
112 100
114 30.8 25.6 38.4



#69
o-Xylene
Concen: 2.078 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

Tgt Ion:106 Resp: 3023
Ion Ratio Lower Upper
106 100
91 251.6 107.8 323.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)RE

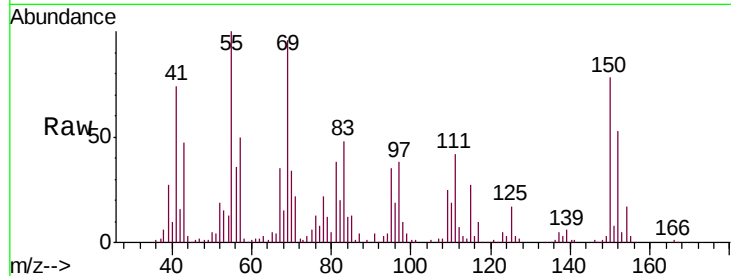
Tgt Ion:152 Resp: 21286

Ion Ratio Lower Upper

152 100

115 43.9 30.8 92.4

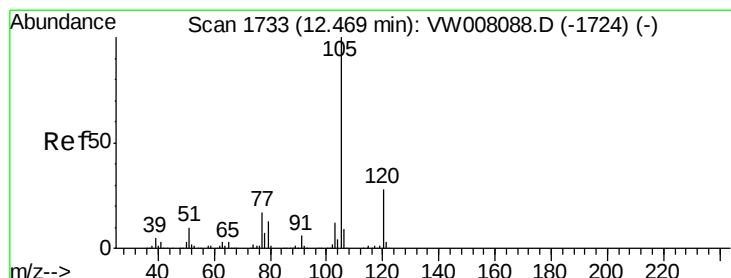
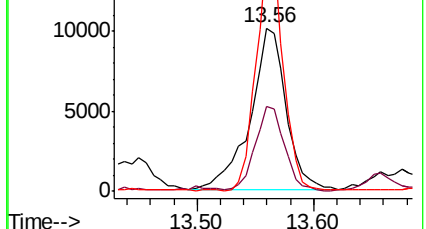
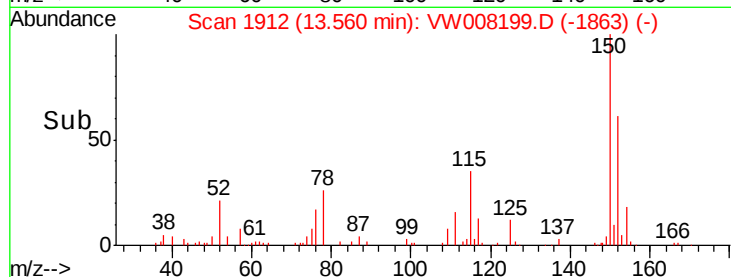
150 114.3 0.0 350.2



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: 26.868 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008199.D

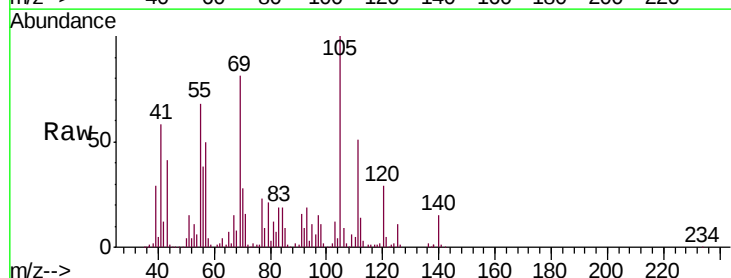
Acq: 11 Jan 2019 17:33

Tgt Ion:105 Resp: 44900

Ion Ratio Lower Upper

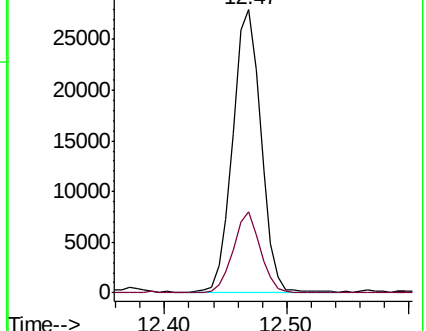
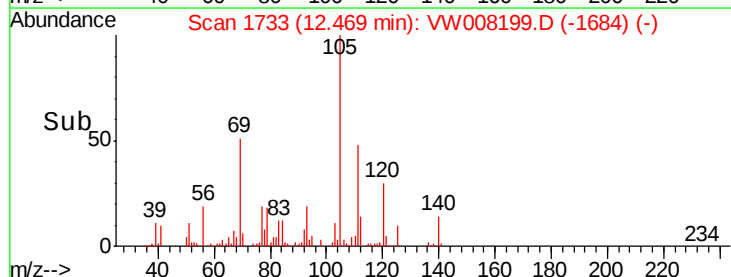
105 100

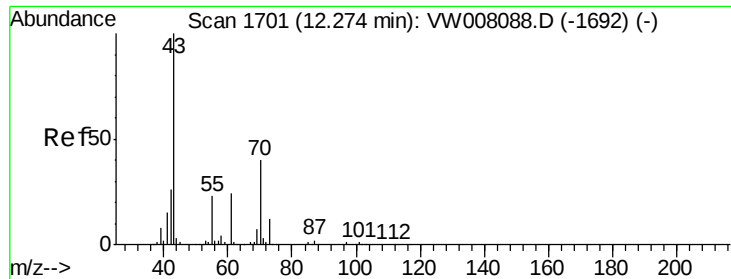
120 26.9 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amy1 acetate

Concen: 398.687 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)RE

Tgt Ion: 43 Resp: 147548

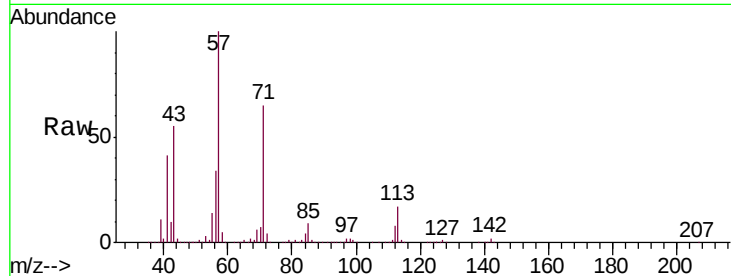
Ion Ratio Lower Upper

43 100

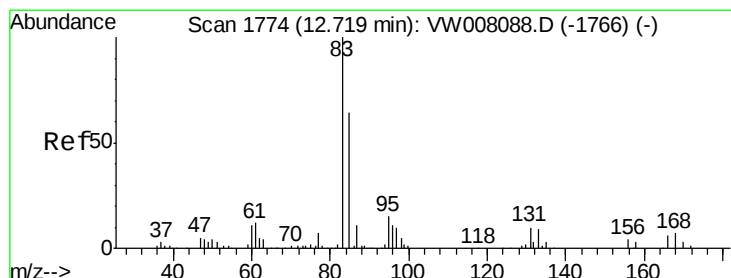
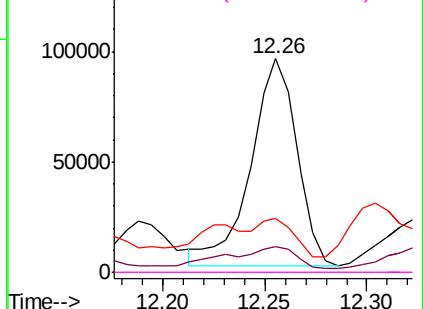
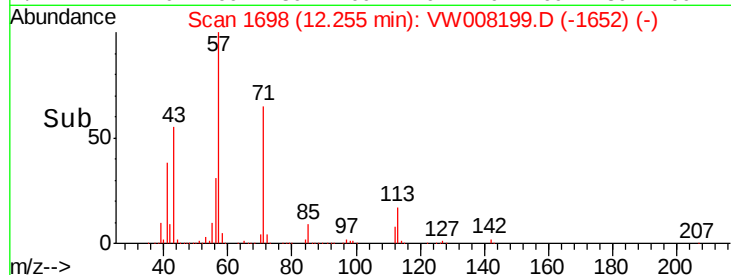
70 16.9 32.4 48.6#

55 13.3 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: 31.859 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

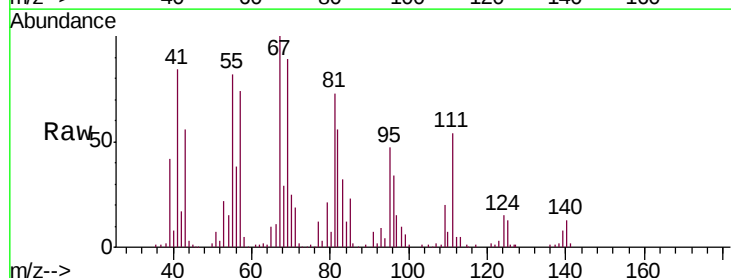
Tgt Ion: 83 Resp: 8522

Ion Ratio Lower Upper

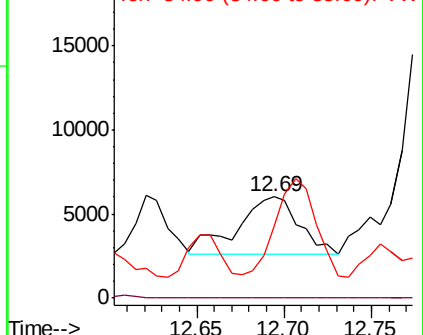
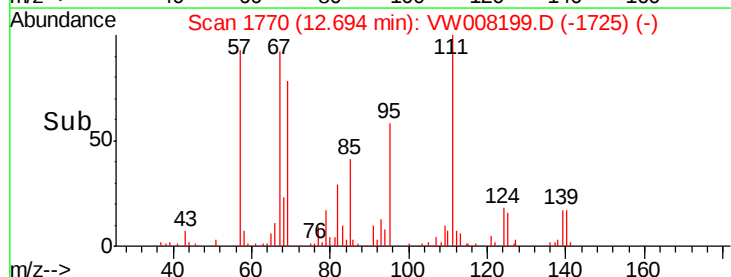
83 100

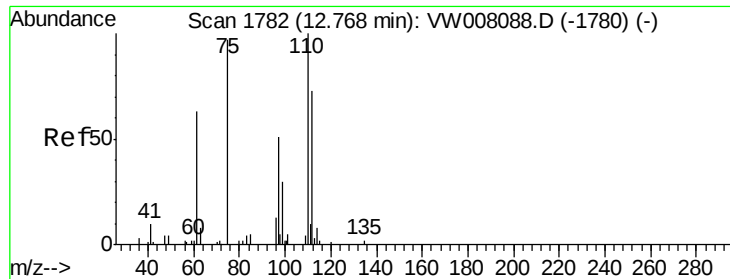
131 0.0 5.3 16.1#

85 109.6 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

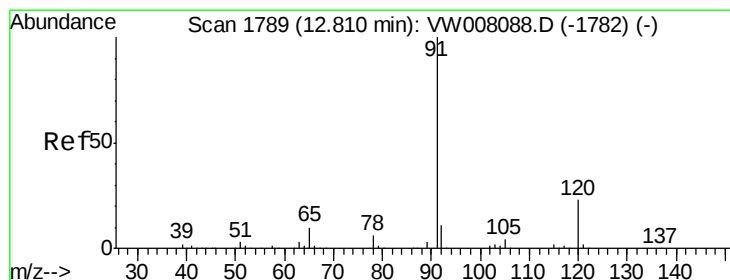
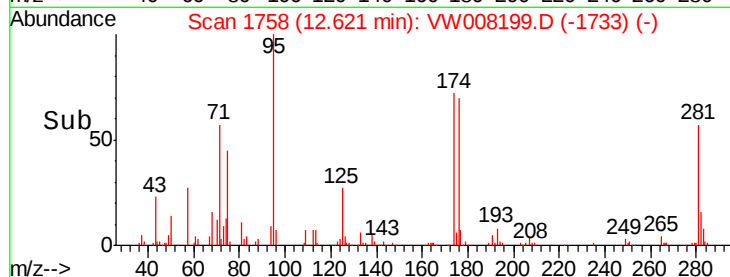
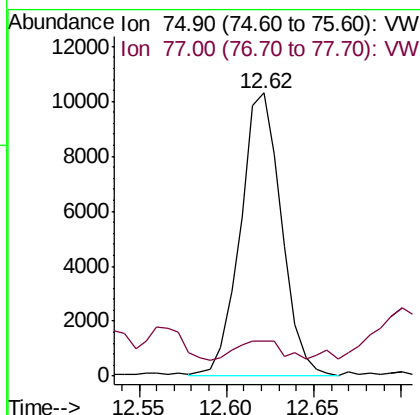
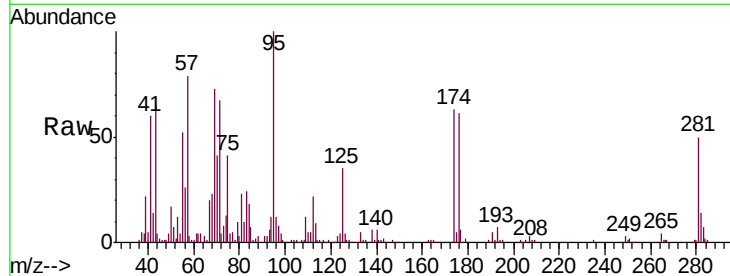




#76
 1,2,3-Trichloropropane
 Concen: 87.176 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008199.D
 Acq: 11 Jan 2019 17:33

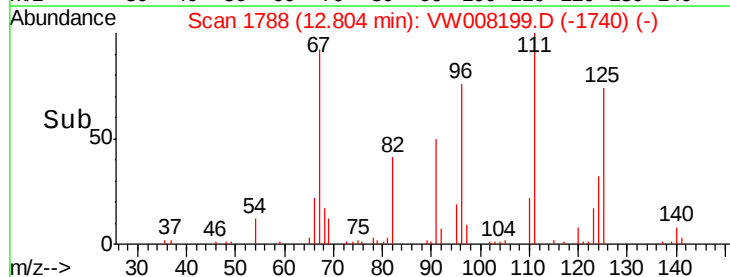
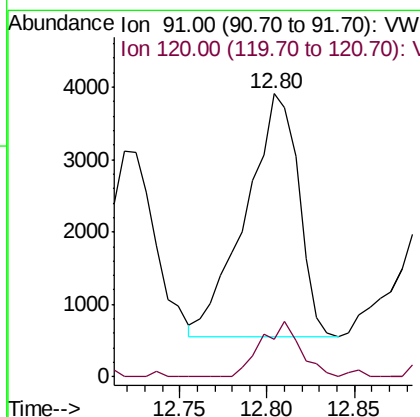
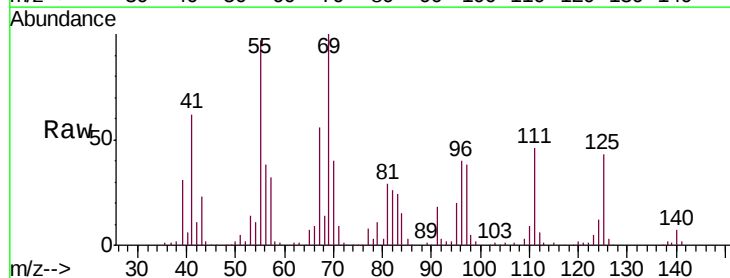
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-04(15-20)RE

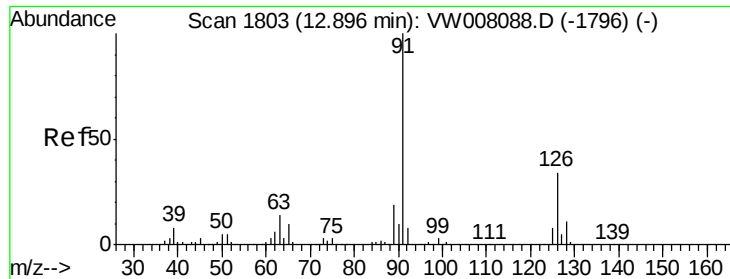
Tgt Ion: 75 Resp: 16916
 Ion Ratio Lower Upper
 75 100
 77 8.0 179.4 538.2#



#78
 n-propylbenzene
 Concen: 3.438 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: VW008199.D
 Acq: 11 Jan 2019 17:33

Tgt Ion: 91 Resp: 7040
 Ion Ratio Lower Upper
 91 100
 120 16.8 11.3 33.8

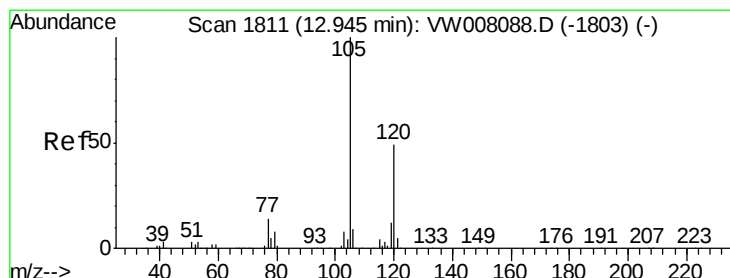
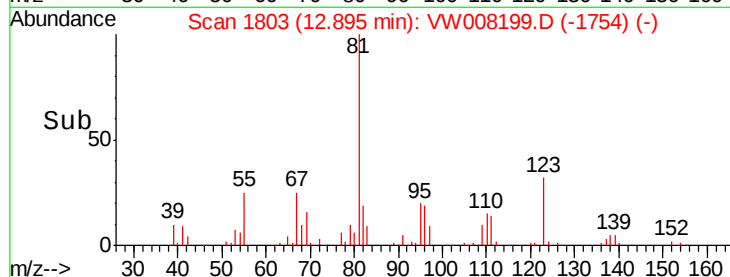
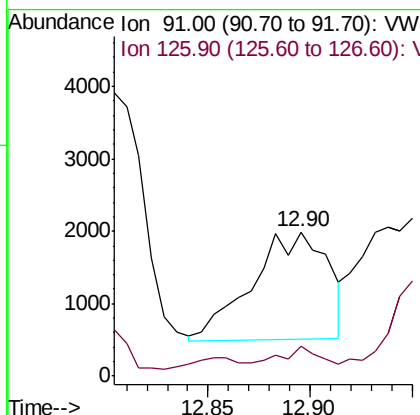
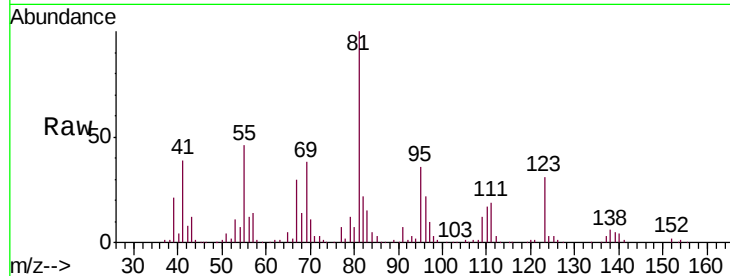




#79
2-Chlorotoluene
Concen: 3.369 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

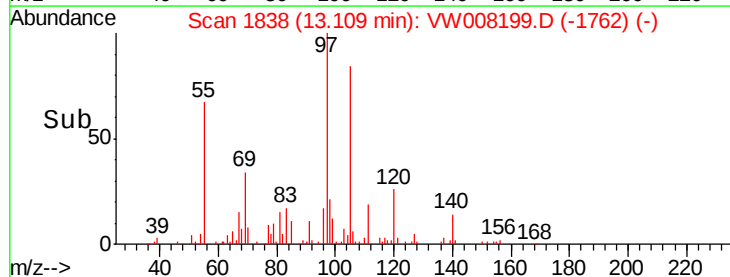
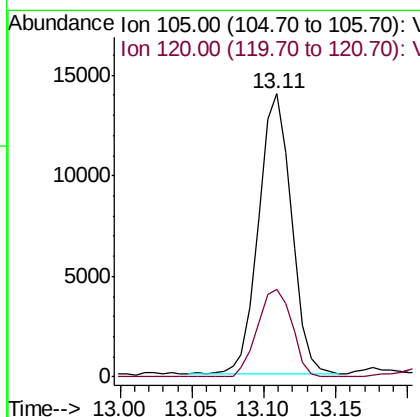
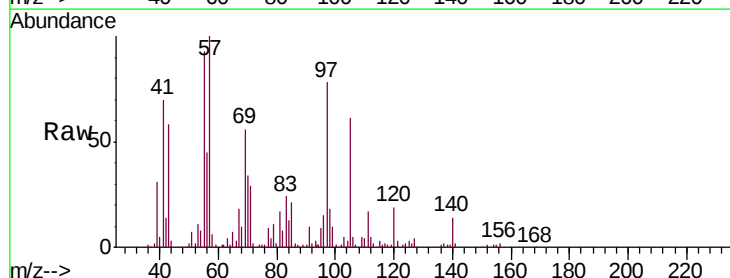
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)RE

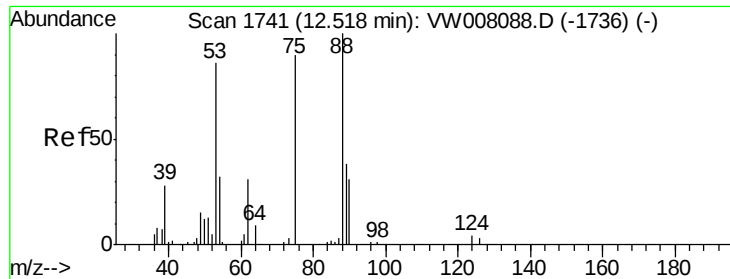
Tgt Ion: 91 Resp: 3849
Ion Ratio Lower Upper
91 100
126 7.0 16.8 50.3#



#80
1,3,5-Trimethylbenzene
Concen: 16.037 ug/l
RT: 13.11 min Scan# 1838
Delta R.T. 0.16 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

Tgt Ion: 105 Resp: 22023
Ion Ratio Lower Upper
105 100
120 33.0 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 8.833 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.06 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)RE

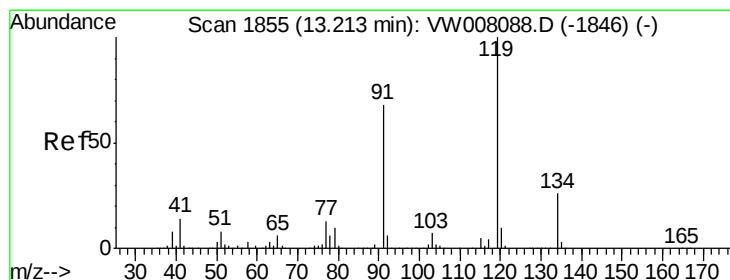
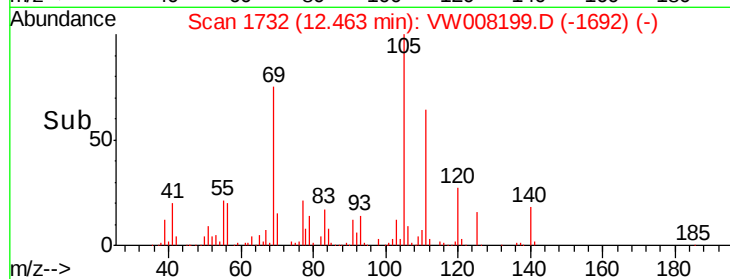
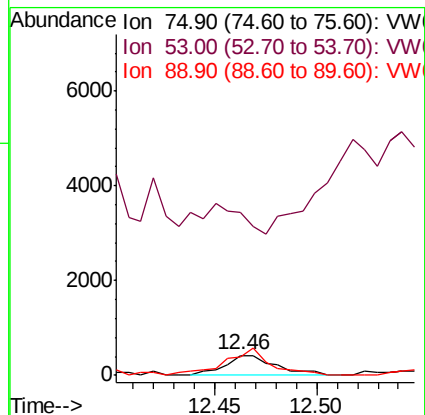
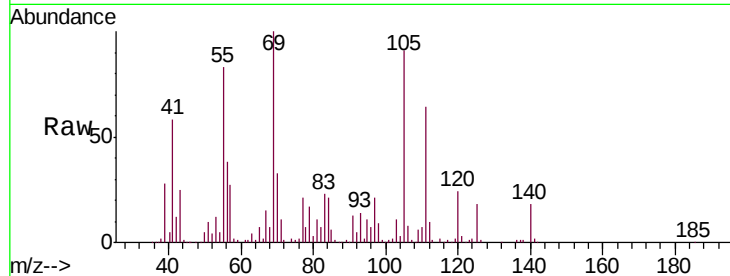
Tgt Ion: 75 Resp: 736

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 124.0 35.4 53.2#



#83

tert-Butylbenzene

Concen: 6.216 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

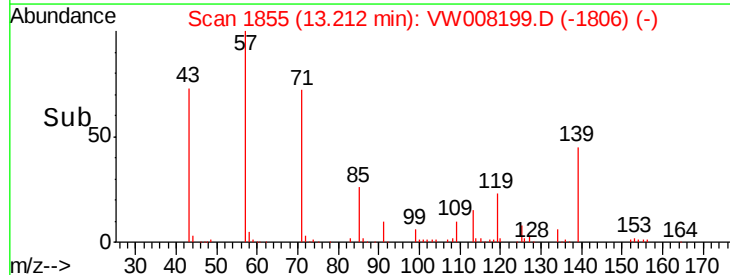
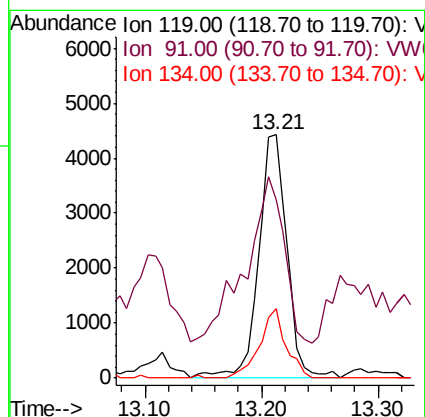
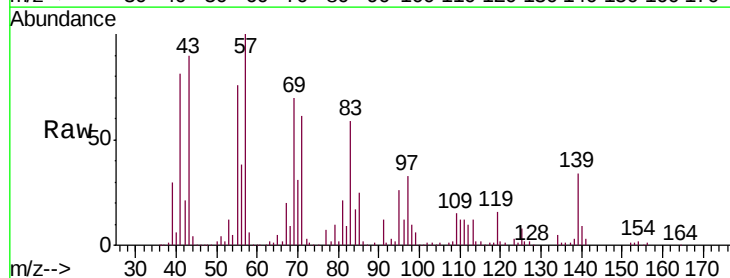
Tgt Ion: 119 Resp: 7552

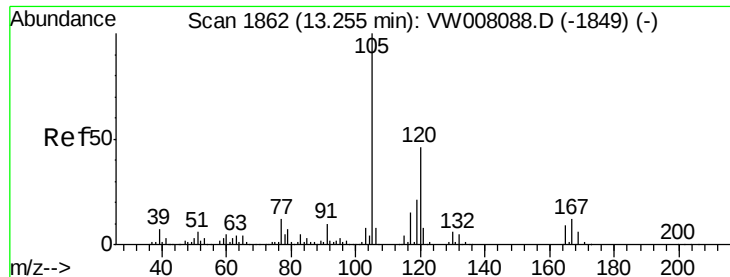
Ion Ratio Lower Upper

119 100

91 92.1 33.9 101.6

134 26.5 13.6 40.8

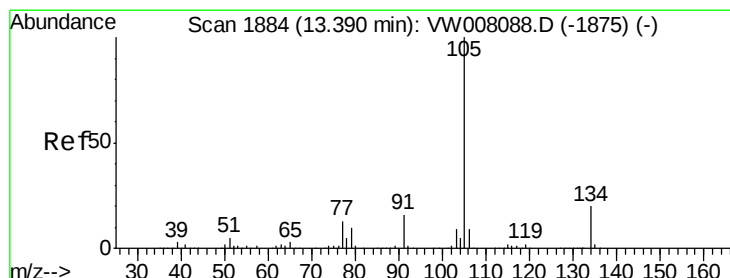
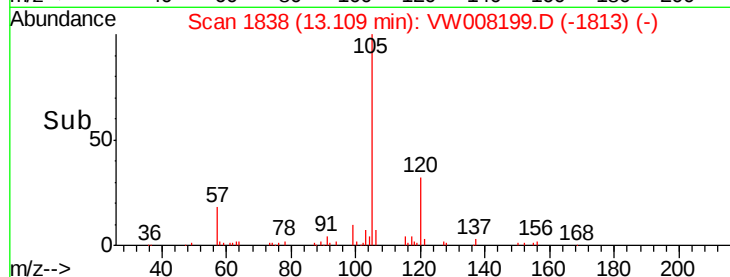
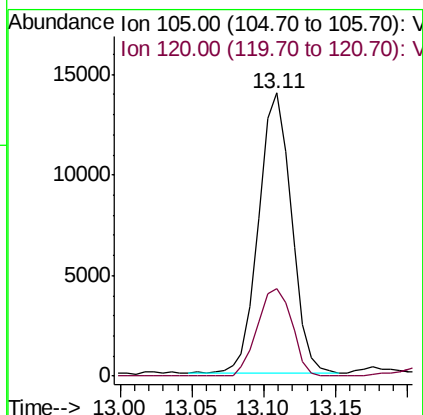
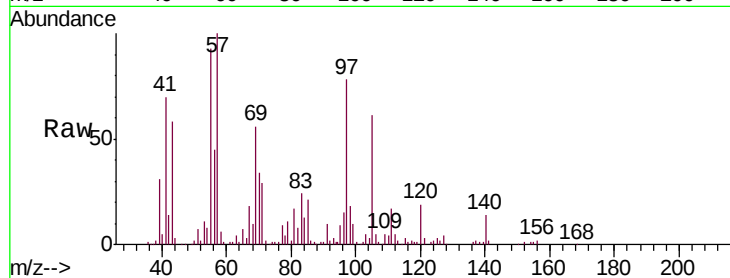




#84
1,2,4-Trimethylbenzene
Concen: 15.549 ug/l
RT: 13.11 min Scan# 1838
Delta R.T. -0.15 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

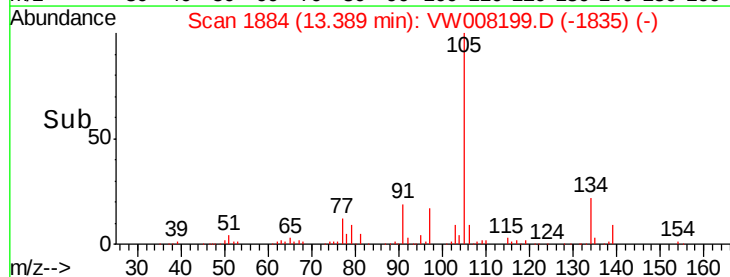
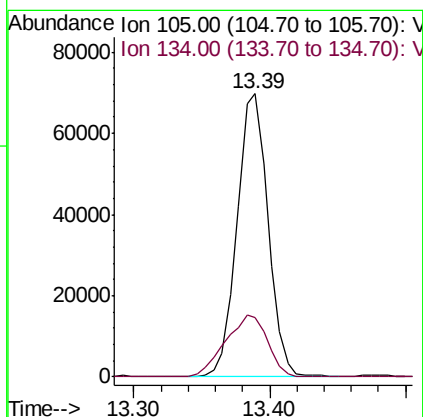
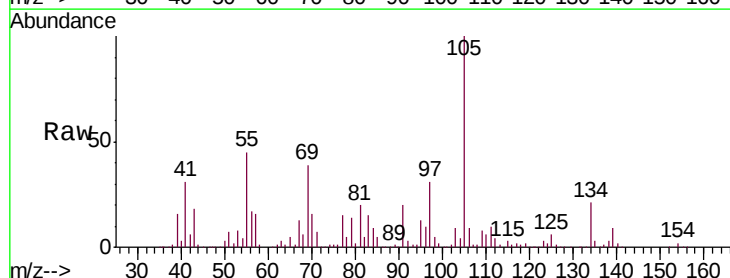
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)RE

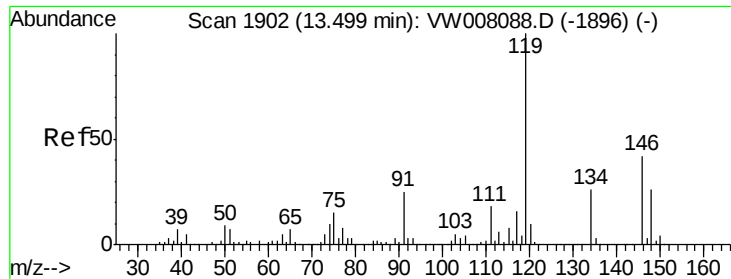
Tgt Ion:105 Resp: 22023
Ion Ratio Lower Upper
105 100
120 33.0 22.7 68.1



#85
sec-Butylbenzene
Concen: 61.937 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

Tgt Ion:105 Resp: 110229
Ion Ratio Lower Upper
105 100
134 29.7 10.1 30.1

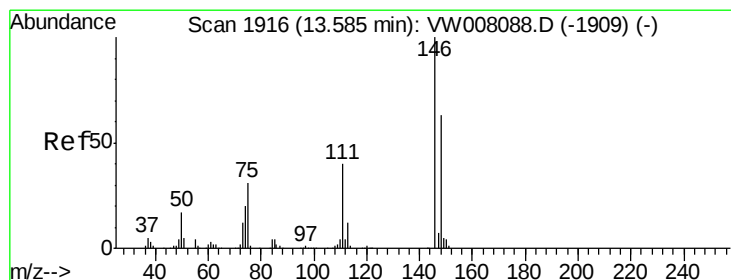
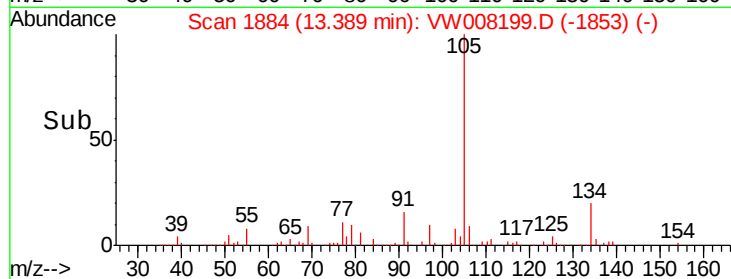
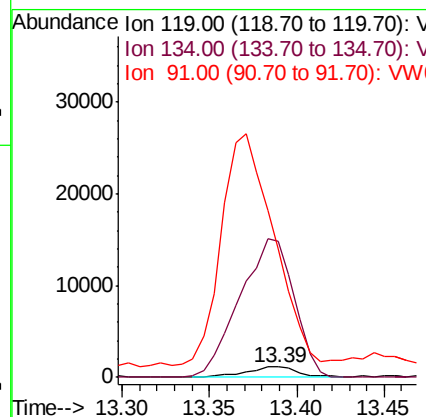
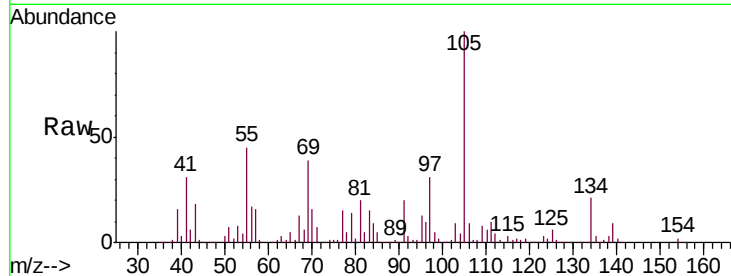




#86
 p-Isopropyltoluene
 Concen: 1.538 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.11 min
 Lab File: VW008199.D
 Acq: 11 Jan 2019 17:33

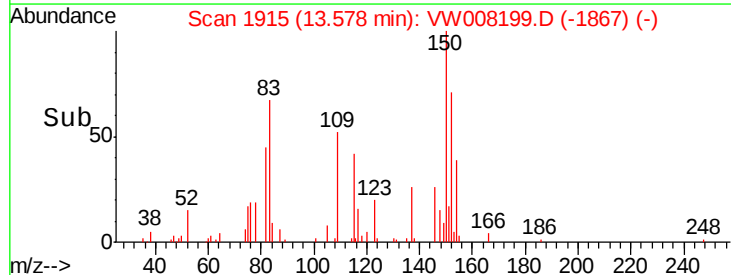
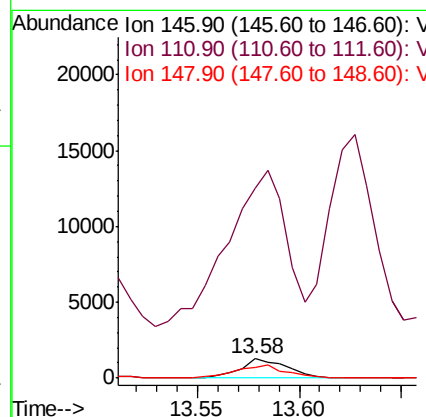
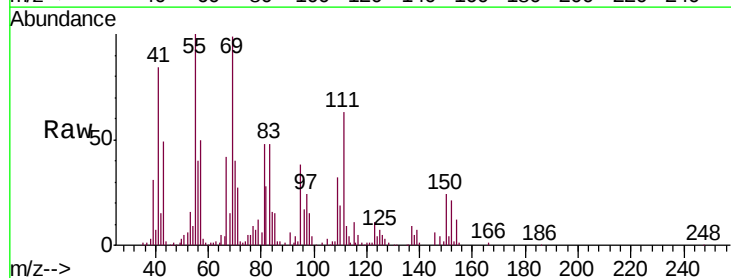
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-04(15-20)RE

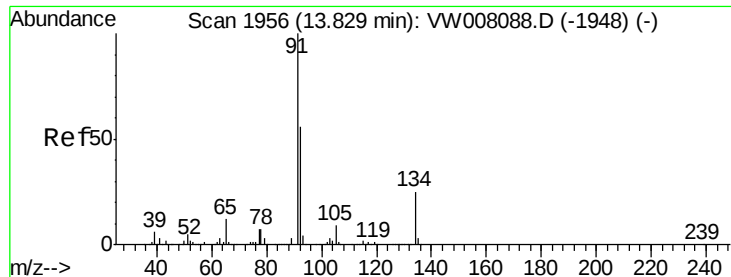
Tgt Ion:119 Resp: 2364
 Ion Ratio Lower Upper
 119 100
 134 1383.3 13.3 39.8#
 91 2285.8 12.3 36.9#



#88
 1,4-Dichlorobenzene
 Concen: 2.712 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008199.D
 Acq: 11 Jan 2019 17:33

Tgt Ion:146 Resp: 1949
 Ion Ratio Lower Upper
 146 100
 111 1069.0 20.5 61.5#
 148 75.3 31.6 94.8

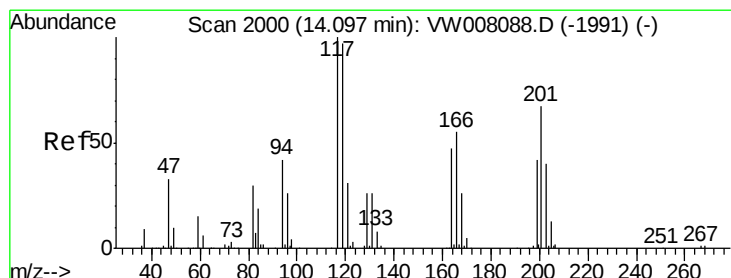
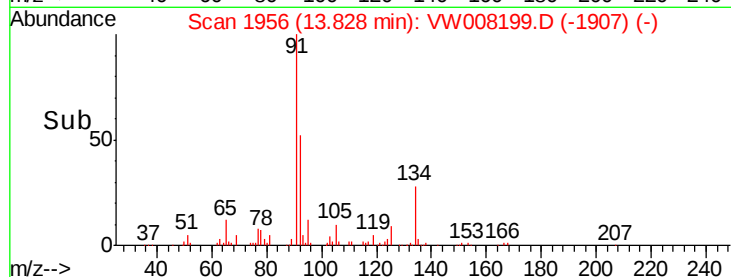
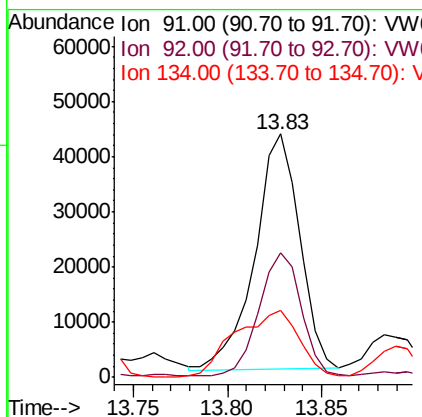
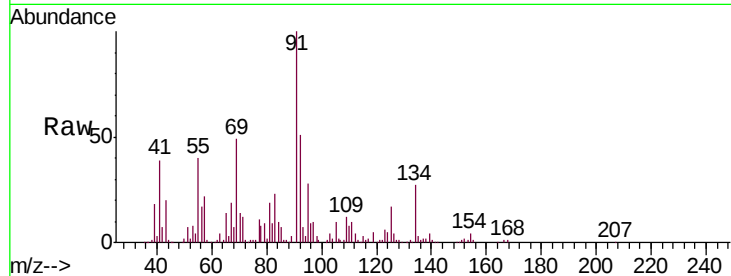




#89
n-Butylbenzene
Concen: 46.611 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

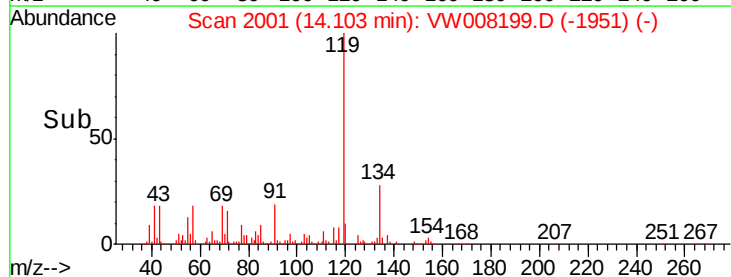
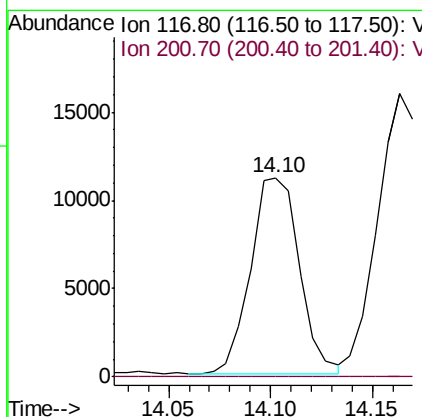
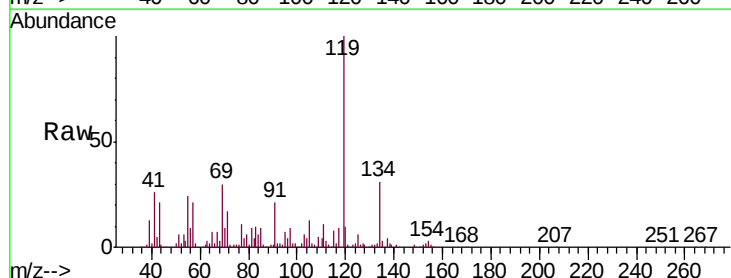
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)RE

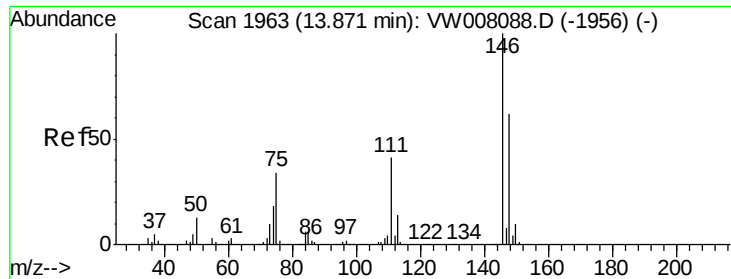
Tgt Ion: 91 Resp: 70159
Ion Ratio Lower Upper
91 100
92 50.1 27.4 82.2
134 41.1 12.6 37.8#



#90
Hexachloroethane
Concen: 71.296 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

Tgt Ion: 117 Resp: 18507
Ion Ratio Lower Upper
117 100
201 0.0 33.0 98.9#





#91

1,2-Dichlorobenzene

Concen: 8.335 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

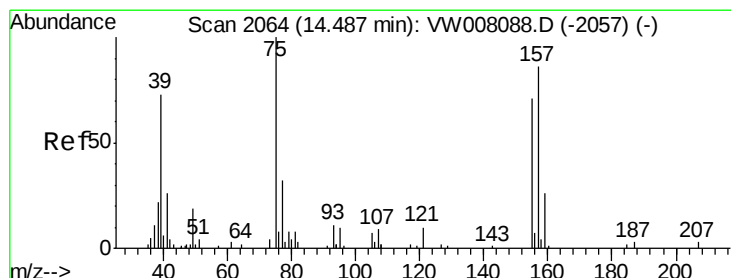
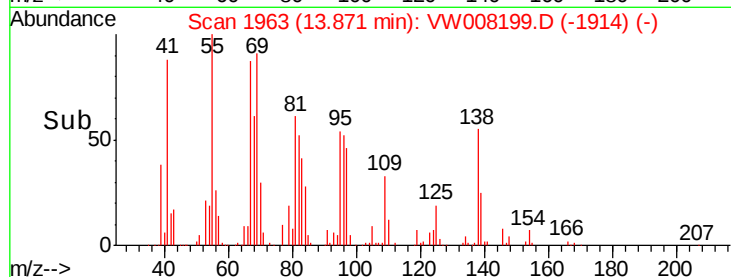
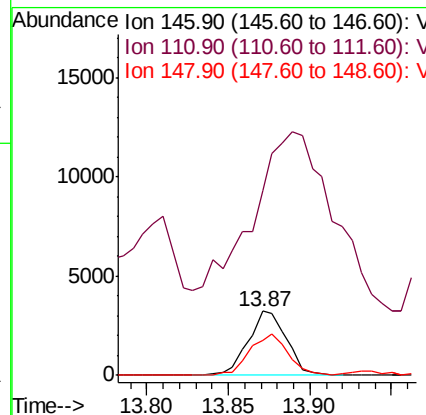
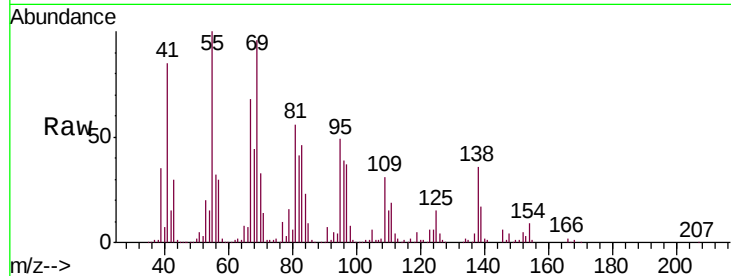
Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)RE

Tgt Ion:	146	Resp:	5247
Ion	Ratio	Lower	Upper
146	100		
111	639.9	21.3	63.7#
148	65.8	31.5	94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 32.057 ug/l

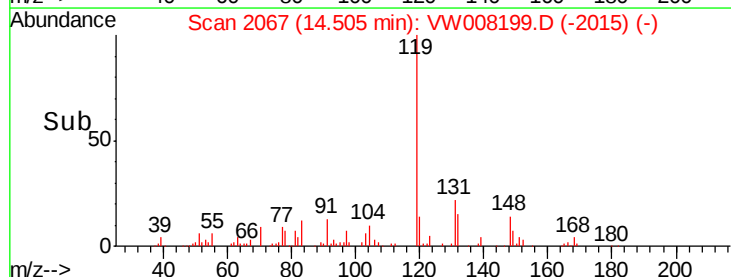
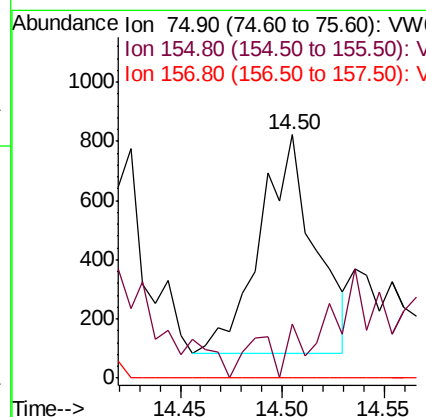
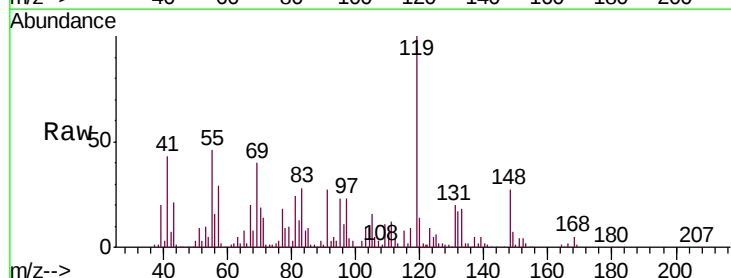
RT: 14.50 min Scan# 2067

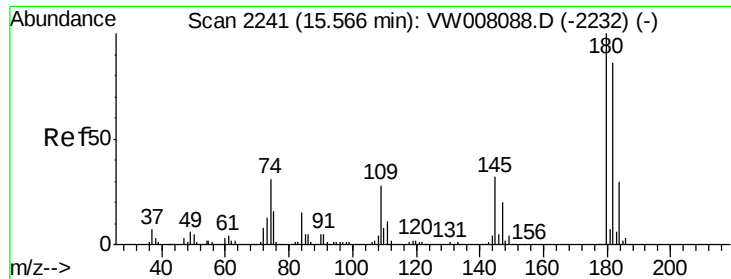
Delta R.T. 0.02 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

Tgt Ion:	75	Resp:	1380
Ion	Ratio	Lower	Upper
75	100		
155	9.6	38.6	115.7#
157	0.0	47.5	142.6#

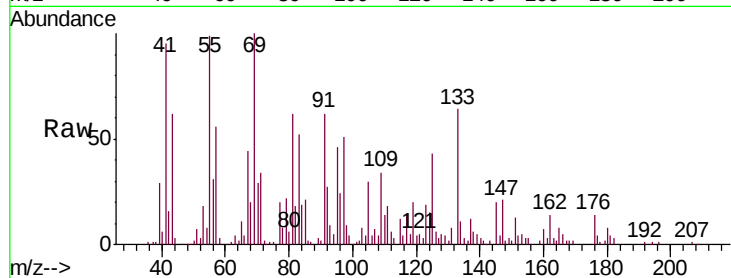




#96
 1,2,3-Trichlorobenzene
 Concen: 3.127 ug/l
 RT: 15.58 min Scan# 2244
 Delta R.T. 0.02 min
 Lab File: VW008199.D
 Acq: 11 Jan 2019 17:33

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-04(15-20)RE

Tgt Ion:180 Resp: 1114
 Ion Ratio Lower Upper
 180 100
 182 80.1 46.5 139.3
 145 0.0 17.4 52.2#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

